410 Airport Boulevard Project Initial Study/Mitigated Negative Declaration

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Acronyms and Abbreviations

°C	degree Celsius
µg/m^3	micrograms per cubic meter
AA	Anza Area
AB	Assembly Bill
ABAG	Association of Bay Area Governments
ABAG	Association of Bay Area Governments
ADT	average daily traffic
ALUCP	Airport Land Use Compatibility Plan
APN	assessor's parcel number
ATCM	Airborne Toxic Control Measure
ATCM	Airborne Toxic Control Measure
BAAQMD	Bay Area Air Quality Management District
BAAQMD CEQA Guidelines	*California Environmental Quality Act, Air Quality Guidelines*
BAAQMD Justification Report	*Justification Report: CEQA Thresholds for Evaluating the Significance of Climate Impacts from Land Use Projects and Plans*
BART	Bay Area Rapid Transit
Bay	San Francisco Bay
Bay Trail	San Francisco Bay Trail
Bay-Delta Plan Amendment	Water Quality Control Plan for the San Francisco/Sacramento-San Joaquin Delta Estuary
BCDC	Bay Conservation and Development Commission
BFC	Bayfront Commercial
BFE	base flood elevation
bgs	below ground surface
bgs	below ground surface
BMPs	best management practices
BPD	Burlingame Police Department
BPT	Burlingame Point
BSD	Burlingame School District
BTUs	British thermal units
C/CAG	City/County Association of Governments
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAL FIRE	California Department of Forestry and Fire Protection
Cal-IPC	California Invasive Plant Council
Cal/OSHA	Division of Occupational Safety and Health
CalEEMod	California Emissions Estimator Model

CalEnviroScreen	California Communities Environmental Health Screening Tool
CalEPA	California Environmental Protection Agency
CALGreen	California Green Building Standards Code
Caltrans	California Department of Transportation
CAP	Climate Action Plan
CAP Checklist	Climate Action Plan Consistency Checklist for New Development
CAPP	Community Air Protection Program
CARB	California Air Resources Board
CBSC	California Building Standards Code
CCE	community-choice energy
CCFD	Central County Fire Department
CCFD	Central County Fire Department
CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife
CEMP	California Eelgrass Mitigation Policy
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFGC	California Fish and Game Code
CFR	Code of Federal Regulations
cfs	cubic feet per second
CH_4	methane
CHRIS	California Historical Resources Information System
City	City of Burlingame
CMP	Congestion Management Plan
CNDDB	California Natural Diversity Database
CNEL	community noise equivalent level
CNPS	California Native Plant Society
CO	carbon monoxide
CO_2	carbon dioxide
CO_2e	carbon dioxide equivalent
CRHR	California Register of Historical Resources
CRPR	California Rare Plant Rank
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
cy	cubic yards
cy	cubic yards
dB	decibels
dBA	A-weighted decibels
DBH	diameter at breast height

DOT	U.S. Department of Transportation
DPS	distinct population segment
DTSC	Department of Toxic Substances Control
EFH	essential fish habitat
EIR	environmental impact report
EMS	emergency medical services
EPA	U.S. Environmental Protection Agency
ESA	Endangered Species Act
ESA	Environmental Site Assessment
EV	Electric vehicle
FAA	Federal Aviation Administration
FAR	floor area ratio
FEMA	Federal Emergency Management Agency
FHSZ	Fire Hazard Severity Zone
FHWA	Federal Highway Administration
FHWG	Fisheries Hydroacoustic Working Group
FMP	fish management plan
FR	*Federal Register*
FTA	Federal Transit Administration
FTA Manual	*Transit Noise and Vibration Impact Assessment Manual*
g	grams
General Plan or 2040 General Plan	Envision Burlingame General Plan
GHG	greenhouse gas
GIS	geographic information system
GWP	global warming potential
HFCs	hydrofluorocarbons
HRA	health risk assessment
HTL	high-tide line
HVAC	heating, ventilation, and air-conditioning
I	Interstate
I/I	Innovative Industrial
in/sec	inch per second
IPCC	Intergovernmental Panel on Climate Change
JD	jurisdictional determination
JPA	Joint Powers Authority
kWh	kilowatt hour
L_{eq}	equivalent sound level
LID	low-impact development

L_{max}	Maximum noise level
LUST	leaking underground storage tank
m	meters
mgd	million gallons per day
MHHW	mean higher high water
MLD	Most Likely Descendent
MLLW	mean lower low water
MOU	memorandum of understanding
MRP	Municipal Regional Permit
MRZ	Mineral Resource Zone
MS4	municipal separate storm sewer systems
MTC	Metropolitan Transportation Commission
MTC	Metropolitan Transportation Commission
N_2O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NMFS	National Marine Fisheries Service
NO_2	nitrogen dioxide
NO_X	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NWIC	Northwest Information Center
O_3	ozone
OEHHA	Office of Environmental Health Hazard Assessment
OPR	Office of Planning and Research
OSHA	Occupational Safety and Health Administration
PCE	Peninsula Clean Energy
PG&E	Pacific Gas & Electric
PG&E	Pacific Gas and Electric Company
PM_{10}	particulate matter no more than 10 microns in diameter
$PM_{2.5}$	particulate matter no more than 2.5 microns in diameter
Porter-Cologne Act	Porter-Cologne Water Quality Control Act
PPV	peak particle velocity
PRC	Public Resources Code
Project	410 Airport Boulevard Project
Project or Proposed Project	Bay Rise Park Project
Project site	410 Airport Boulevard
R&D	research and development
RCNM	Roadway Construction Noise Model

RCRA	Resource Conservation and Recovery Act
RHNA	Regional Housing Needs Assessment
RMS	root mean square
ROG	reactive organic gas
RRMU	Rollins Road Mixed Use
RTP/SCS	regional transportation plan/sustainable communities strategy
RWQCB	Regional Water Quality Control Board
RWS	Regional Water System
RWS	Regional Water System
SB	Senate Bill
SEL	sound exposure level
sf	square foot
SFBAAB	San Francisco Bay Area Air Basin
SFBAAB	San Francisco Bay Area Air Basin
SFHA	special flood hazard area
SFO	San Francisco International Airport
SFPUC	San Francisco Public Utilities Commission
SLC	State Lands Commission
SLF	Sacred Lands File
SMARA	Surface Mining and Reclamation Act
SMCWPPP	San Mateo Countywide Pollution Prevention Program
SMP	soil management plan
SMUHSD	San Mateo Union High School District
SO_2	sulfur dioxide
SPL	sound pressure level
State	State of California
SWE	surface water elevation
SWPPP	stormwater pollution prevention plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TDM	Transportation Demand Management
Unified Program	Unified Hazardous Waste and Hazardous Materials Management Regulatory Program
USACE	U.S. Army Corps of Engineers
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
UWMP	Urban Water Management Plan
VMT	vehicle miles traveled
WSCP	Water Shortage Contingency Program
WWTP	wastewater treatment plant

Chapter 1
Background

1. **Project Title:**

   410 Airport Boulevard Project (Project)

2. **Lead Agency Name and Address:**

   City of Burlingame (City)
   Planning Division
   501 Primrose Road
   Burlingame, CA 94010

3. **Contact Person and Phone Number:**

   Ruben Hurin
   Planning Manager
   501 Primrose Road
   Burlingame, CA 94010
   Telephone: 650-558-7256
   email: rhurin@burlingame.org

4. **Project Location:**

   410 Airport Boulevard
   Burlingame, CA

5. **San Mateo County Assessor's Parcel Number:**

   Assessor's Parcel Numbers: 026-363-600 and 026-363-610

6. **Project Sponsor's Name and Address:**
   The SPHERE Institute
   500 Airport Boulevard, Suite #340
   Burlingame, CA 94010
   Contact: Greg Boro

7. **General Plan Designation:**

   Bayfront Commercial (BFC)

8. **Zoning Designation:**[1]

   Anza Area (AA)

[1] The zoning designation for the Project site was AA at the time the Project was submitted; the Project is evaluated as such throughout this IS/MND. However, it is noted that, since the Project was submitted, the zoning designation has changed for the Project site (now zoned BFC to bring the site's zoning into conformance with the General Plan designation). The AA zoning designation allows a mix of uses, including office uses, research and development (R&D), and associated laboratory uses and instructional activities with building heights of up to 65 feet and floor area ratios (FARs) of 0.6. The updated BFC zoning designation also allows office and R&D uses as well as both local and tourist-related commercial uses that take advantage of views of and access to the Bay. Building heights under the BFC designation are up to 65 feet, with FARs from 1.0 to 3.0.

9. **Description of Project:**

   Please refer to Chapter 2, *Project Description*.

10. **Surrounding Land Uses and Setting:**

    The approximately 10.2-acre Project site is in a developed and urbanized area of the city at the south end of the Bayfront area in Burlingame. The surrounding land uses near the Project site include mostly commercial, office, and industrial land uses. The northern portion of the Project site fronts San Francisco Bay. The southern portion of the Project site is bounded by Airport Boulevard and Bay View Place, which borders four adjacent office developments at 411 Airport Boulevard, 433 Airport Boulevard, 500 Airport Boulevard, and 533 Airport Boulevard. The western portion of the Project site is bounded by a surface parking lot and restaurant. The eastern portion of the site fronts Sanchez Creek.

11. **Other Public Agencies Whose Approval May Be Required (e.g., permits, financing approval, participation agreement), Potential Responsible Agencies, and Trustee Agencies:**

    The following approvals may be required for the Project:

    - Planning Commission approval and design review for construction of the education center/event space building (City of Burlingame Municipal Code Section 25.47.060 and 25.57.010[c]), conditional use permit for use similar to "publicly owned recreation facility" (Municipal Code Section 25.47.025[n]), and parking variance for the off-site parking to provide valet parking and accommodate proposed uses and events held at the education center.
    - U.S. Army Corps of Engineers—Permit for filling or dredging waters of the United States.
    - California State Lands Commission—Long-term lease.
    - California Department of Fish and Wildlife—Streambed Alteration Agreement.
    - U.S. Fish and Wildlife Service—Section 7 consultation.
    - National Oceanic and Atmospheric Administration—National Marine Fisheries Service, Section 7 consultation and possible Incidental Take Permit.
    - Central County Fire Department—Fire alarm permit, fire sprinkler permit, and emergency responder radio communication permit.
    - Native American Heritage Commission—Identification of areas of concern within the vicinity of the Project site or resources that may be listed in the commission's Sacred Land File.
    - Bay Area Air Quality Management District—Stationary-source permit for generator or similar equipment (authority to construct and permit to operate).
    - California Regional Water Quality Control Board/San Mateo Countywide Water Pollution Prevention Program—Approval of National Pollutant Discharge Elimination System permit for stormwater discharges.
    - California Regional Water Quality Control Board—Water quality certification and waste discharge requirements for restoration projects (statewide permit).
    - San Mateo County Environmental Health Division—Review of food service functions and onsite generators.

- San Francisco Bay Conservation and Development Commission—Permit for Bay fill and work within 100 feet of the Bay shoreline.
- Federal Aviation Administration—Determination of "no hazard to air navigation."
- City/County Association of Governments of San Mateo County, Airport Land Use Committee—Review of Project construction within the vicinity of the airport.

12. **Have California Native American tribes that are traditionally and culturally affiliated with the Project area requested consultation, pursuant to Public Resources Code Section 21080.3.1? If so, has consultation begun?**

    On December 21, 2023, ICF, on behalf of the City, submitted a request to the Native American Heritage Commission (NAHC) to review its Sacred Lands File (SLF) for the Project site. The NAHC is the official state repository of Native American sacred site records in California. ICF received a response from the NAHC on December 29, 2023, stating that a record search of the NAHC SLF was completed for the Project. The results were negative. A list of 11 tribal contacts was provided with the NAHC response.

    On June 14, 2024, the City sent letters to each of the 11 contacts from the list provided by the NAHC as well as Native American contacts who had previously requested to be contacted by the City for potential consultation. The City informed them of the Project and formally invited them to consultation pursuant to Public Resources Code (PRC) Section 21080.3.1 (i.e., Assembly Bill [AB] 52). Letters containing details about the Project and a location map were sent to the 11 representatives from the following six tribal groups: Amah Mutsun Tribal Band of Mission San Juan Bautista, Costanoan Rumsen Carmel Tribe, Indian Canyon Mutsun Band of Costanoan, Muwekma Ohlone Indian Tribe of the San Francisco Bay Area, the Ohlone Indian Tribe, and the Wuksachi Indian Tribe/Eshom Valley Band.

    The City did not receive any requests for consultation during the 30-day notification period. Therefore, the City has determined that the consultation process is concluded, pursuant to PRC Section 21080.3.1 (i.e., AB 52) and PRC Section 21084.3.

    Please refer to Section V, *Cultural Resources*, and Section XVIII, *Tribal Cultural Resources*, for more details.

Chapter 2
Project Description

The Project Sponsor, SPHERE Institute, is proposing to redevelop approximately 10.2 acres (9.4 acres on land and 0.83 acre in Sanchez Channel) in the Bayfront area of Burlingame for the Bay Rise Park Project (Project or Proposed Project). The parcels at 410 Airport Boulevard (Project site) are within historical baylands that were previously filled. The Project site is currently vacant and undeveloped, other than a Federal Aviation Administration (FAA) tower, an unimproved portion of the San Francisco Bay Trail (Bay Trail) along the bay side of the site, and two substandard parking surfaces.

The Proposed Project would transform the vacant parcel into a public nature and recreation park with an approximately 8,600-square-foot (sf) education center/event building (approximately 14,000 sf, including the roof overhang), a drop-off loop, and one-way drive, which would enter the Project site from Airport Boulevard and exit onto Bay View Place. The Project would provide 29 on-site parking spaces that would be accessed from the one-way drive. There is no street parking currently available along Airport Boulevard and Bay View Place. However, the City of Burlingame (City) is considering allowing street parking on both sides of Bay View Place, which would make available approximately 30 parking spaces. In addition, the Proposed Project would restore the natural tidal-marsh ecology of the portion of San Francisco Bay (Bay) shoreline within the Project site by regrading and planting native plant species. It would also improve the section of the Bay Trail on the Project site; facilitate water access and recreation, with water access ramps for kayaking and board sailing; and provide new viewing decks and patios, a small take-out café, multi-purpose and lawn areas, secondary trails throughout the site, an interpretive program, and interpretive elements related to sea-level rise resiliency demonstration. Furthermore, the Project would also incorporate a small accessory building (approximately 20 feet by 30 feet) to store jet skis, personal protective equipment, and rescue equipment required by the Central County Fire Department (CCFD), along with an approximately 12- by 20-foot trash enclosure structure.

To ensure that all potential environmental effects of the Project are considered, this Initial Study assumes maximum buildout of the Project, as proposed. Because development of the Project depends largely on grant funding, certain physical elements of the Project may need to be scaled back, based on the availability of funding. For example, the design of the education center/event building may need to be revised to reduce the size of the building envelope and building height, based on the final construction budget. Similarly, development of the proposed water access ramps would be contingent upon the availability of adequate grant funding. This Initial Study conservatively analyzes the impacts of the Project, assuming full funding for all proposed elements.

Existing Conditions at the Project Site

Project Location

As shown in Figure 2-1, the 10.2-acre (445,490 sf) Project site, which includes approximately 9.4 acres on land and approximately 0.83 acre in Sanchez Channel, is in the northeastern portion of Burlingame, between US 101 and the Bay. The Project site is in a developed and urbanized area of the city at the south end of the Bayfront area in Burlingame. The southern portion of the Project site is bounded by Airport

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Figure 2-1
Project Location
410 Airport Blvd Project

Boulevard and Bay View Place, which borders four adjacent office developments at 411 Airport Boulevard, 433 Airport Boulevard, 500 Airport Boulevard, and 533 Airport Boulevard. The western portion of the Project site is bounded by a surface parking lot and restaurant. The northern portion of the Project site fronts onto the Bay; the eastern portion of the site fronts onto Sanchez Creek.

Regional access to the Project site is provided by US 101 via Broadway, Anza Boulevard, and Peninsula Avenue. Commute.org operates a shuttle service from the Millbrae Bay Area Rapid Transit (BART)/Caltrain station to the Bayfront area; a shuttle stop is directly across from the Project site. Airport Boulevard also includes bicycle lanes.

Project Site

The Project site at 410 Airport Boulevard includes assessor's parcel numbers (APNs) 026-363-600 and 026-363-610, which are leased from the State Lands Commission (SLC)**.** The site is a vacant lot within historical baylands that were previously filled. It currently comprises developed and/or landscaped areas, open water (i.e., an intertidal rocky shoreline/mudflats), ruderal grassland, and seasonal wetland habitats. The majority of the Project site is ruderal upland habitat, with a few non-native shrubs and trees scattered around the site.

The Project site is within the San Francisco Bay Conservation and Development Commission (BCDC) Shoreline Band.[2] An unimproved portion of the Bay Trail is located along the northern edge of the Project site, and an unused gravel parking lot is located at the western edge of the Project site, adjacent to a paved parking lot for Kincaid's, a restaurant. There is also an abandoned paved parking lot on the eastern edge of the site, along with other hardscape infrastructure from the former Sherman restaurant, which was on a moored boat in Sanchez Creek. An FAA tower associated with San Francisco International Airport (SFO) is on an easement within this eastern parking lot. The easement is currently leased from SLC.

The Project site is relatively flat, with ground surface elevations ranging from 6 to 12 feet. There are several localized areas with higher elevations of up to 15 feet on the north side of the Project site.[3]

Project Components

Land Use and Zoning

At the time the Project was submitted, the designation for the Project site was Bayfront Commercial (BFC) and Anza Area (AA) under the Envision Burlingame General Plan (General Plan or 2040 General Plan) and the City's Zoning Code, respectively. The BFC land use designation allows greater development intensities for office and hospitality uses to encourage the conversion of underutilized lots; it also prioritizes public access to the waterfront. Permitted uses under the BFC designation include entertainment venues, restaurants, hotels and motels, retail establishments, higher-intensity office uses, and public open space. The AA zoning designation allows a mix of uses, including office uses, research and development (R&D), and associated laboratory uses and instructional activities. Building heights of up to 65 feet are permitted. Offices with a maximum floor area ratio (FAR) greater than 0.6, including R&D developments with associated laboratory uses, require a conditional use permit.

[2] The shoreline band is the land extending inland 100 feet from the shoreline of the Bay, which is within the jurisdiction of BCDC.

[3] Langan Engineering and Environmental Services, Inc. 2021. *Preliminary Geotechnical Investigation, Burlingame Shoreline Park, Burlingame, California*. June 28.

As described in more detail in the following sections, the Project would redevelop vacant parcels with a new public nature and recreation park. It would be consistent with the allowable uses for the AA zoning district, which allows a building height of 40 feet within 100 feet of the Bay shoreline and a FAR of 0.6. The proposed education center/event building would have a maximum height of approximately 33 feet; the Project's FAR would be 0.03. However, the Project would require a parking variance for off-site parking as well as valet parking, which would accommodate proposed uses and events held at the education center/event building.

The Project would be consistent with all other zoning regulations, including those pertaining to uses, setbacks, view corridors, lot coverage, minimum lot size, landscaping, and trash and loading docks. Overall, the Project would be consistent with the requirements for development in the BFC land use designation and AA zoning district. The General Plan states that "the Bayfront will be a regional recreation and business destination." The Project would support this overall vision by providing a new, publicly accessible 10.2-acre public nature and recreation park with an education center/event building on the waterfront.

Proposed Development

The Project would transform the vacant Project site into a public nature and recreation park with an education center/event building, which would have a footprint of approximately 8,600 sf (approximately 14,000 sf including the roof overhang); a drop-off loop; and one-way drive, which would enter the Project site from Airport Boulevard and exit onto Bay View Place. The Project would provide 29 on-site parking spaces that would be accessed from the one-way drive. There is no street parking currently available along Airport Boulevard and Bay View Place. However, the City is considering allowing street parking on both sides of Bay View Place, which would make available approximately 30 parking spaces. The Project would restore the natural tidal-marsh ecology of the portion of Bay shoreline within the Project site by planting native plant species, among other improvements. The Project would also incorporate a small building (approximately 20 feet by 30 feet) to store jet skis, personal protective equipment, and rescue equipment required by the CCFD, along with an approximately 12- by 20-foot trash enclosure building.

The proposed education center/event building would include two exhibit galleries, along with a deck and plazas. The galleries would be open to the public 7 days a week from approximately 9:00 a.m. to 5:00 p.m. In addition, a take-out café and restrooms would be incorporated along the east and west sides of the building, respectively. The café would be open 7 days a week from approximately 8:00 a.m. to 3:00 p.m., with possible extended summer hours of 7:00 a.m. to 3:00 p.m. The proposed education center/event building would host programs and other events associated with educational, recreational, performance, community, private, and corporate/nonprofit/government activities. These events may temporarily limit public access to portions of the education center/event building; however, access to the Bay Trail, exterior park restrooms, the café, and lawn areas would be provided during these events.

The Project would include access to the Bay and the Bay Area Water Trail along the northwest and east sides of the Project site. The northwest side of the site would provide access to the Bay, with use of a ramp, for kitesurfing and windsurfing as well as a lawn lay-down area for setting up equipment. The east side of the site would provide direct access to Sanchez Creek for kayaking and paddleboarding from a kayak launch and water rescue ramp to be used by the CCFD. Furthermore, this eastern ramp would also improve access to the Bay for fishing. Construction of the ramps may be done as part of a later phase and be contingent on funding.

The Project site plan can be seen in Figures 2-2 and 2-3.

Source: Sphere Institute, 2025

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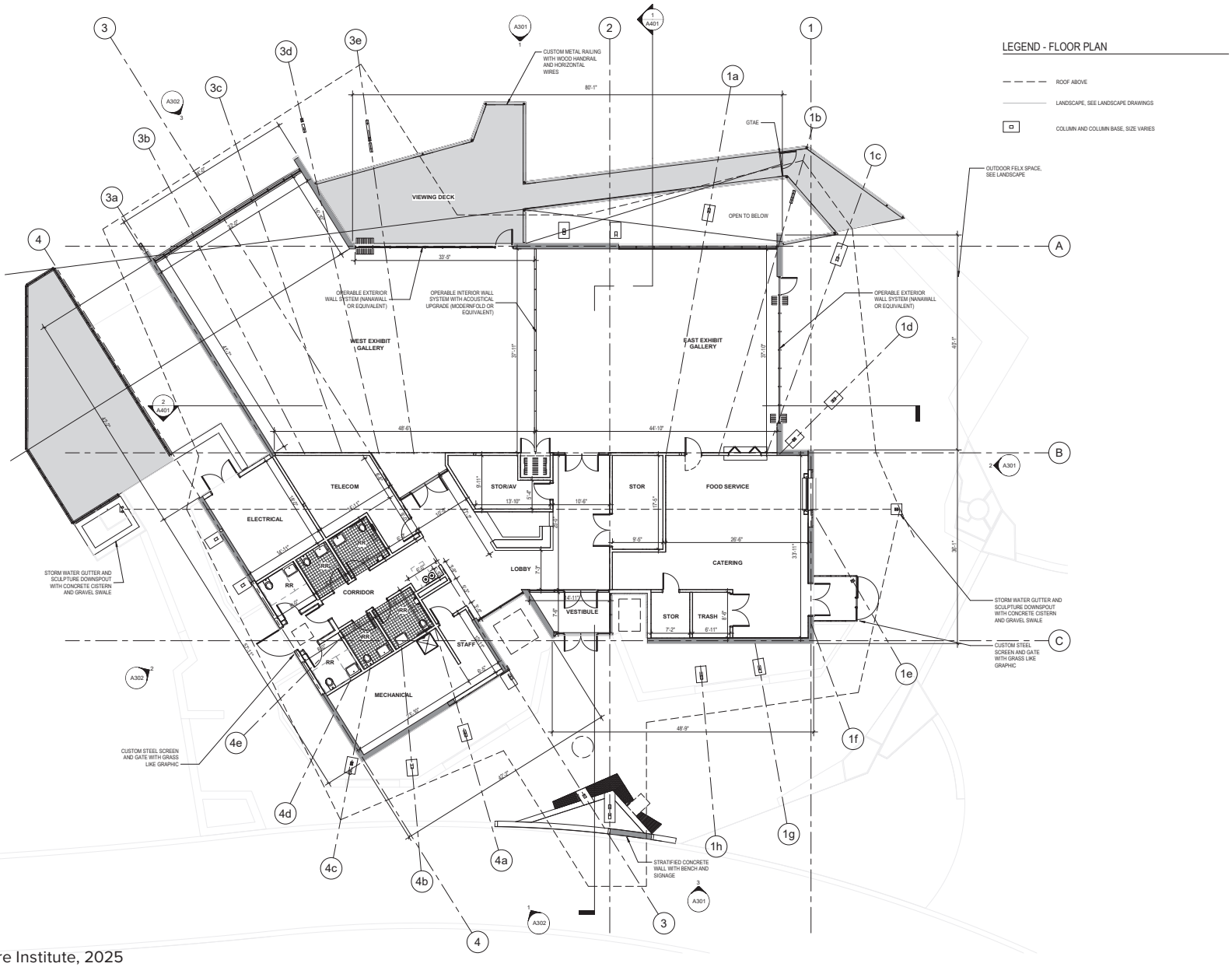
Figure 2-2
Proposed Site Plan
410 Airport Blvd Project



Source: Sphere Institute, 2025

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Figure 2-3

Proposed Education Center/Event Building Floor Plan

410 Airport Blvd Project

Access and Circulation

As shown in Figure 2-4, access to the Project site would be provided through use of a driveway on Airport Boulevard. The entrance on Airport Boulevard would lead to a one-way circular driveway that would serve as a loading and unloading area for park visitors, delivery trucks, garbage trucks, and emergency vehicles. The circular drive would then continue along the southern portion of the Project site and exit onto Bay View Place. The one-way drive would have 29 spaces with angled parking. Of those 29 parking spaces, six spaces would have electric-vehicle (EV) charging stations; an additional 11 parking spaces would be EV ready. The City is also considering allowing street parking on both sides of Bay View Place, which would make available approximately 30 parking spaces. All on-site parking areas would remain open to the public during private education center events, which would use valet/shuttle services.[4] The 29 parking spaces would be gated on both sides for security and open 7 days a week from dawn to dusk. In addition, the Project would provide at least four short-term bicycle parking racks near the education center/event building.

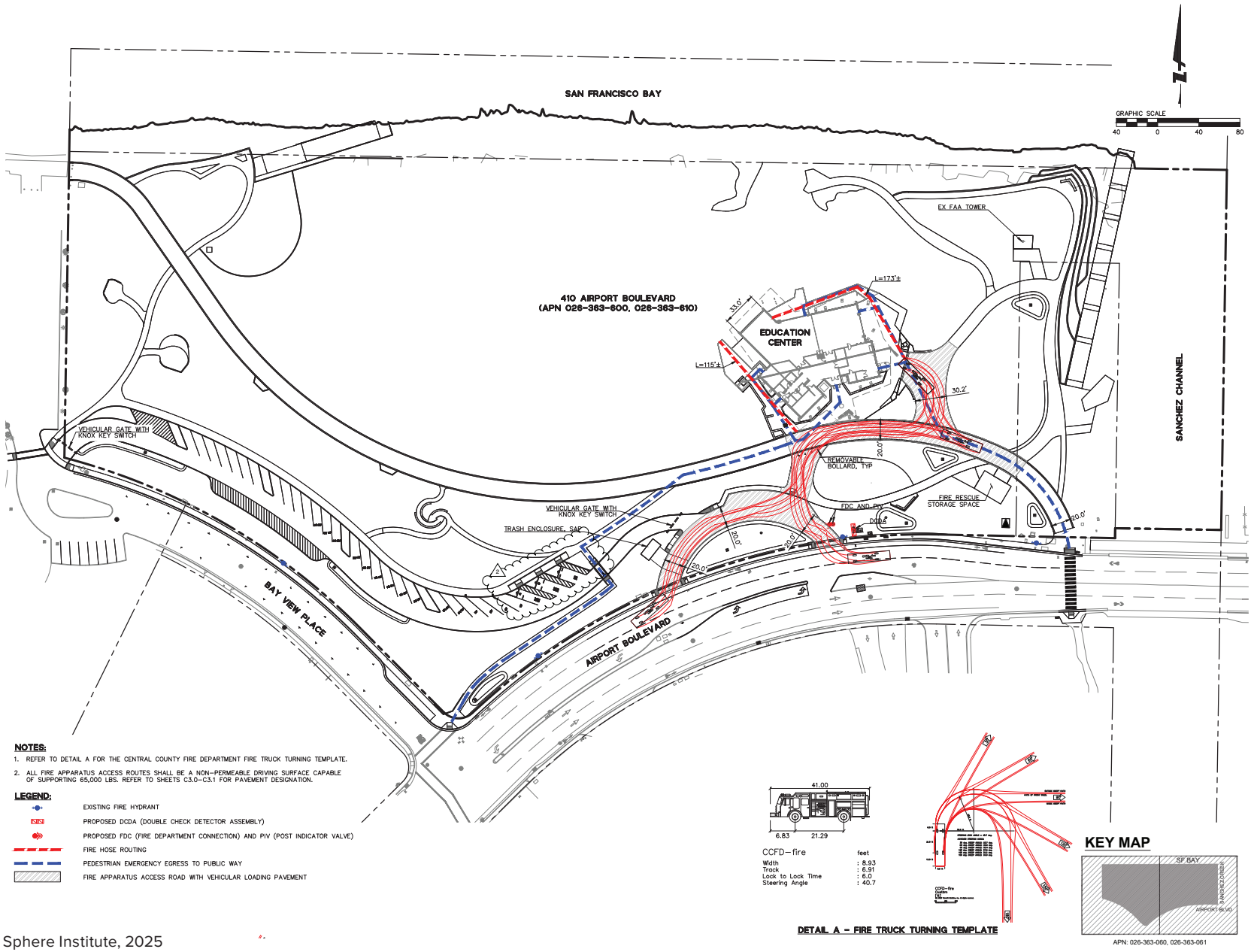
With respect to pedestrian circulation, the Project would provide a network of trails on the east side of the site that would provide access to the water rescue/kayak access ramp as well as the boardwalk along the eastern portion of the site. In addition, the Project would improve and reroute the segment of the Bay Trail that is currently on the site. The new segment would extend from the southeastern corner of the site to the northwestern corner where it would connect to the existing Bay Trail. The new Bay Trail segment would provide pedestrian access to the proposed kitesurfing area, parking lot, overlook grove, and education center/event building. Furthermore, the new Bay Trail segment would provide access to sidewalk frontages along adjacent roadways as well as the bus stop at Airport Boulevard and Bay View Place.

Paths and boardwalks would branch off the Bay Trail to provide access within the park. The site's secondary pathways would provide direct access to the Bay edge, including the network of trails on the eastern portion of the site and the upper and lower boardwalks in the northeast corner of the site. Other secondary pathways would provide a safe access route from the sidewalk and southern parking lot to the Project's key elements.

Design, Landscaping, and Open Space

The Project site currently contains 41 trees, 11 of which are considered "protected," per the City's Tree Ordinance (Municipal Code Section 11.06.020). Construction of the Project would remove 39 of the trees, 10 of which are a protected size. However, in accordance with the City's Tree Ordinance, the Project would provide more than 80 new trees on the site. In addition, the Project would convert existing ruderal habitat and low-quality seasonal habitat to a high-quality tidal-marsh ecosystem. This would be done by restoring appropriate native habitats in the Bayfront area, including tidal-marsh and marsh-upland ecotone habitats; promoting native vegetation; and controlling non-native species. Furthermore, as mentioned previously, the Project would improve a portion of the Bay Trail that would overlook the restored tidal marsh, provide Bay Area Water Trail access (i.e., from the kitesurfing ramp and kayak launch areas), and incorporate lawns, multi-purpose areas, and secondary trails throughout the Project site.

[4] It should be noted that the Project would require a parking variance for off-site parking as well as valet parking, which would accommodate proposed uses and events held at the education center/event building.



Source: Sphere Institute, 2025

Graphics ... 104707 (01-22-2025) JC

Figure 2-4
Proposed Site Circulation and Access
410 Airport Blvd Project

The Project would incorporate both passive and active sustainability strategies into the proposed education center/event building design. The proposed building would be oriented and sited so as to maximize natural ventilation and solar access, thereby reducing the proposed building's reliance on mechanical heating and cooling systems. In addition, the proposed building would be all electric and would incorporate high-performance materials with low embedded energy and high sound insulation properties, along with materials manufactured with a high level of recycled content. Furthermore, the building's roof would be designed to capture rainwater; it would be composed of high-albedo material to reflect sunlight and lower direct heat gain. Within the proposed building, an energy management system would manage building temperature and optimize energy use by balancing outdoor temperatures with cross-ventilation window openers and actuators. The proposed building would also incorporate high-performance heating, ventilation, and air-conditioning (HVAC) systems to optimize building heating and cooling efficiency as well as low-flow plumbing fixtures to reduce potable water use. Furthermore, the Project Sponsor is currently evaluating the future use of integrative systems that would incorporate small-scale wind power or solar panels to lower the overall energy use required by the Project.

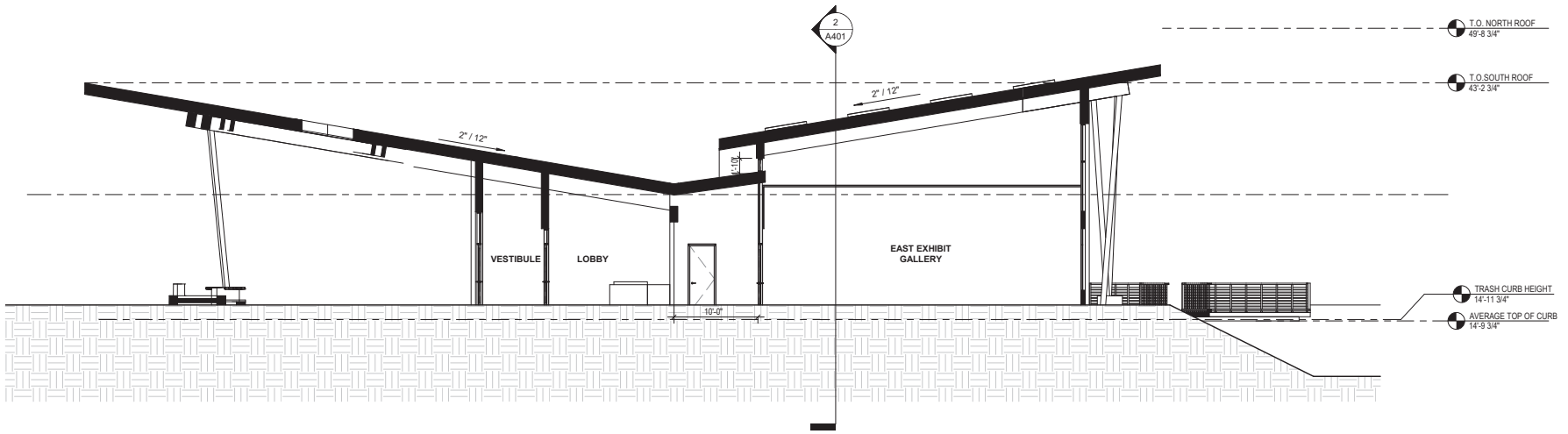
The Project would also incorporate bird-safe glazing on certain portions of the education center/event building to reduce the frequency of bird collisions with glazed façades. At a minimum, the proposed bird-safe glazing treatment would be used on the large glass panels on the north/northwest and east façades. Bird-safe glazing treatments could include fritting, netting, permanent stencils, frosted glass, exterior screens, physical grids placed on the exterior of the glazing, or ultraviolet patterns that would be visible to birds. A preliminary schematic design and visual rendering of the proposed education center/event building are provided in Figures 2-5 and 2-6, respectively.

Exterior Lighting

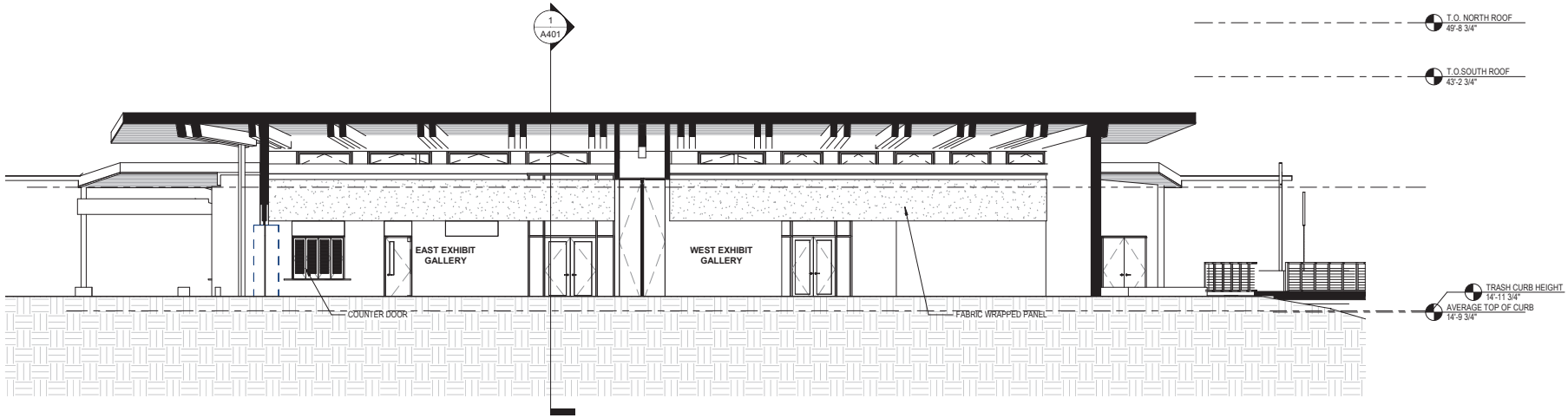
Lighting would be designed to meet the requirements of City Municipal Code Section 18.16.030, which would prevent light spillage off-site. Furthermore, the lighting design would comply with the City Exterior Illumination Ordinance. Therefore, the focus for outdoor lighting included in landscaping and along the exterior of the education center would be on safety, security, and sensitivity. Lighting provided on the Project site would highlight paths, wayfinding features, and destinations. Automated interior blackout shades would be installed on all windows on the north/northwest and east façades of the education center/event building, as well as south-facing windows, and be programmed to close when the building is not in use and between approximately 10:00 p.m. and sunrise.

Utilities

On-site utilities would be served by existing energy (electric), domestic water, wastewater, and storm drain facilities. All on-site utilities would be designed in accordance with applicable codes and current engineering practices. The Project would be all electric and meet the latest California Green Building Standards Code (CALGreen) and City Reach Code requirements, as applicable to the Project. Existing Pacific Gas and Electric Company electric lines in the vicinity of the Project site would continue to serve the site. It is anticipated that the Project would consume approximately 450,000 kilowatt hours of electricity per year once operational. No natural gas would be consumed during Project operations.



1 BUILDING SECTION-ENTRY
1/8" = 1'-0"



2 BUILDING SECTION-EAST/WEST
1/8" = 1'-0"

Source: Sphere Institute, 2025

Graphics ... 104707 (01-27-2025) JC

Figure 2-5
Proposed Education Center/Event Building Sections
410 Airport Blvd Project

Source: Sphere Institute, 2025

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ICF

Figure 2-6

Project Rendering of the Education Center/Event Building Looking Northwest

410 Airport Blvd Project

The Burlingame Public Works Department provides water and wastewater services at the Project site. Three new water service connections from the Project site would connect to an existing 12-inch municipal water main in Airport Boulevard: one 6-inch connection for fire-water service**,** one 2-inch connection for water for the proposed building, and one 2-inch connection for irrigation water**.** It is anticipated that operation of the Project would require approximately 3,300,000 gallons of water per year, including 300,000 gallons for use by the proposed education center/event building and approximately 3,000,000 gallons for landscape irrigation use. New sewer service connections would be extended to the Project site from the existing 10-inch municipal sewer main in Airport Boulevard.

The Project would connect to the existing 36-inch municipal storm drain in Airport Boulevard, using an 8-inch connection. In addition, the Project would incorporate on-site retention facilities, including rainwater cisterns, a bioretention feature, and self-retainment landscaping features. Of the approximately 9.4 acres of land on the Project site, 2.23 acres (or approximately 24 percent of the Project site) would comprise impervious surface areas or permeable pavement.[5] However, with the exception of the water access features, these areas would not drain toward the Bay and restored marsh area; runoff would be treated with use of the bioretention and self-retainment landscaping features, as previously mentioned.

Employees

The Project would generate a need for approximately two employees for operation of the public nature and recreation park.

Project Construction

The proposed construction methods, which are considered conceptual at this time, would be subject to review and approval by the City. For purposes of this environmental document, the analysis considers the construction plan described below.

Construction Schedule and Phasing

Project construction is expected to start in October 2025, with projected occupancy in June 2029, subject to the entitlements timeline, plan check timeline, and final construction schedule. The Project would be constructed in four phases, as depicted in Table 2-1, below.

Construction would occur 5-6 days per week. Construction work hours would be limited to 7:00 a.m. to 7:00 p.m. Monday through Friday and 9:00 a.m. to 5:00 p.m. on Saturdays. Construction in the City public right-of-way would be limited to weekdays and non-City holidays between 8:00 a.m. and 5:00 p.m. No nighttime construction would occur. If after-hours work is required for building or site integrity, local approvals and permits would be obtained prior to the start of construction. Examples of activities that may occur outside of normal working hours are material deliveries and concrete pours. The size of the construction workforce would vary during the different subphases of construction.

[5] CBEC Eco Engineering. 2021. *CEQA Impacts Assessment for Hydrology—Project: 18-1012-2: The Park at 410 Airport Boulevard*. November 24.

Table 2-1. Proposed Construction Phasing

Construction Phase	Construction Element	Anticipated Timeline
Phase 0	Stockpile soil	Beginning in October 2025; approximately 1 month
Phase 1	Demolition and site preparation Grading and excavation Trenching and utility installation Installation of kitesurfing ramp and Bay overlook/access	Beginning in March 2026; approximately 8 months
Phase 2	Grading and excavation Installation of piled foundations Installation and construction of education center foundation and slab Paving and sidewalks	Beginning in February 2027; approximately 16 months
Phase 3	Demolition Paving Construction of education center building exterior and interior Construction of fishing overlook/access Construction of kayak launch	Beginning in June 2028; approximately 12 months

Sea-Level Rise Improvements

The Project site is largely within Federal Emergency Management Agency (FEMA) Flood Hazard Area X, an area with 100-year protection from extreme tides and wind-wave runup under historic conditions. The Bay shoreline along the Project site has been designated as Zone VE, which has a base flood elevation (BFE) of 12 feet (to the nearest foot).[6] The Project site is also designated as a tsunami hazard area, according to the California Geological Survey's March 23, 2021, Tsunami Hazard Area Map for the County of San Mateo. As part of the Project, existing fill within the restored marsh would be over-excavated by 1 to 3 feet below the design grade and replaced with clean soil that meets Regional Water Quality Control Board requirements. The placement of 1 to 3 feet of clean soil would allow minor lateral meandering of the restored tidal marsh. It would not present substantial obstacles to floodflows under extreme sea-level rise within the designed marsh plain area. The rest of the Project site would be subjected to a similar or reduced risk of flooding compared to existing site conditions. In addition, the Project is being designed in coordination with OneShoreline to ensure compatibility with the Millbrae-Burlingame Shoreline Protection and Enhancement Project.[7]

Site Grading, Construction Debris, and Hauling

The Project would require approximately 9.4 acres to be graded. In addition, the Project would require demolition, soil import and export, excavation, and tree removal. Approximately 76,000 sf of the existing pavement on the Project site would be demolished. In addition, approximately 25,000 cubic yards (cy) of

[6] Ibid.

[7] The Millbrae-Burlingame Shoreline Protection and Enhancement Project would include a combination of offshore and shoreline features to protect communities from coastal hazards and sea-level rise; it would also improve habitats and recreational opportunities along the Bay shoreline south of SFO and immediately adjacent to the cities of Millbrae and Burlingame.

imported soil would be required during construction. Excavation depths would extend approximately 2 feet to a maximum of approximately 60 feet below grade for construction activities related to water access elements and the building structure. Excavation depths for utility trenching would range from 3 to 8 feet below grade. As described in more detail in the following section, construction work would be required in aquatic habitats for construction of the kitesurfing ramp, water rescue/kayak ramp, tidal inlet, and northwestern shoreline repairs.

The Project would produce approximately 40,000 cy of excavated material. About 25,000 cy of the excavated material would be exported off-site; 15,000 cy is anticipated to be recycled on-site. As such, construction of the Project would require the disposal of exported materials at a permitted landfill. All soil and debris, including contaminated soil, would be hauled to the Dumbarton or Newby Landfill or a similar facility. Haul trucks would enter and exit the site primarily from Airport Boulevard, with some trucks using Bay View Place as needed. Trucks traveling south from the Project site would take Airport Boulevard to Peninsula Avenue and then continue onto US 101. Trucks traveling north from the Project site would take Airport Boulevard to either Anza Boulevard to US 101 or Broadway to US 101. The number of truck trips required to dispose of the excavated soil would be approximately 3,125 over the entire construction period.

In-Water Construction Work

Construction of the Project would include work in aquatic habitats for installation of the kitesurfing ramp, bay overlook area, tidal inlet, northeastern shoreline repairs, and the water rescue/ kayak ramp. This work would result in permanent impacts on up to 0.40 acre of aquatic habitat through the construction of permanent features and up to 0.69 acre of temporary impacts through shoreline enhancement activities. Construction of in-water features would be done using sheet piles, coffer dams, and temporary dewatering. Construction of the water rescue/kayak ramp in Sanchez Creek, the boardwalk/overlook, and the kitesurf ramp may include the installation of piles. The water rescue/kayak ramp would require approximately 20 steel-pipe piles, the boardwalk/overlook would require three steel-pipe piles, and the kitesurf ramp would require approximately nine steel-pipe piles. Six of the piles at the water rescue/kayak ramp and five piles at the kitesurfing ramp would be in-water piles; the remaining 22 piles would be land-based piles. All steel-pipe piles would be approximately 24 inches in diameter. The Project may also install temporary or permanent sheet-pile walls along the edge of the Project site, on the Bay side, to allow for the construction of the water rescue ramp and marsh. Construction work in aquatic habitats below the high-tide line along the Bay shoreline (also referred to as *in-water work*) would be done using sheet-pile coffer dams and dewatering to prevent the ingress of Bay waters. A turbidity curtain could be installed around the work area to contain sediment that becomes temporarily suspended during construction. Coffer dam/sheet-pile installation would occur within the footprint of the turbidity curtain.

Construction Equipment and Staging

Typical equipment would be used during Project construction, including an excavator, dump and delivery trucks, backhoe, bulldozer, crane, loaders, concrete/industrial saws, graders, trenchers, water trucks, concrete truck, forklift, concrete pump, bore/drill rigs, air compressor, tug, roller, and paver. Pile driving would be required for deep foundations as well as construction of the kayak launch. Potential construction and laydown staging areas would be within the Project site.

Construction Employment

The size of the construction workforce would vary during the different phases of construction. The average number of construction workers per day would be approximately 25. The maximum number of construction workers on a peak day would be approximately 50.

Project Approvals

The following City discretionary approvals would be required prior to development:

- Environmental review, with approval of a mitigation monitoring and reporting program
- Design review
- Conditional use permit for publicly owned recreational facility
- Parking variance for off-site parking and valet parking, which would accommodate proposed uses and events held at the education center
- Tree removal permit
- Grading, building, and occupancy permits

Reviews and approvals by other agencies that may be needed for the Project to proceed are also identified. Some of these agencies will need to approve certain parts of the Project prior to full implementation.

- U.S. Army Corps of Engineers – Permit for filling or dredging waters of the United States.
- California State Lands Commission – Long-term lease.
- California Department of Fish and Wildlife – Streambed Alteration Agreement.
- U.S. Fish and Wildlife Service – Section 7 consultation.
- National Oceanic and Atmospheric Administration – National Marine Fisheries Service, Section 7 consultation and possible Incidental Take Permit.
- Central County Fire Department – Fire alarm permit, fire sprinkler permit, emergency responder radio communications permit.
- Bay Area Air Quality Management District – Stationary-source permit for generators or similar equipment (authority to construct and permit to operate).
- California Regional Water Quality Control Board/San Mateo Countywide Water Pollution Prevention Program – Approval of National Pollutant Discharge Elimination System permit for stormwater discharges.
- California Regional Water Quality Control Board – Water quality certification and waste discharge requirements for restoration projects (statewide permit).
- San Mateo County Environmental Health Division – Review of food service functions and on-site generators.
- Native American Heritage Commission – Identification of areas of concern within the vicinity of the Project site or resources that may be listed in the commission's Sacred Land File.

- San Francisco Bay Conservation and Development Commission – Permit for Bay fill and work within 100 feet of the Bay shoreline.
- Federal Aviation Administration – Determination of "no hazard to air navigation."
- City/County Association of Governments of San Mateo County, Airport Land Use Committee – Review of Project construction within the vicinity of an airport.

Chapter 3
Environmental Checklist

Environmental Factors Potentially Affected

The environmental factors checked below could be affected by the 410 Airport Boulevard Project (Project) (i.e., the Project would involve at least one impact that would be a "potentially significant impact"), as indicated by the checklists on the following pages.

☐ Aesthetics	☐ Agricultural and Forestry	☒ Air Quality
☒ Biological Resources	☒ Cultural Resources	☐ Energy
☒ Geology/Soils	☐ Greenhouse Gas Emissions	☐ Hazards/Hazardous Materials
☐ Hydrology/Water Quality	☐ Land Use/Planning	☐ Mineral Resources
☐ Noise	☐ Population/Housing	☐ Public Services
☐ Recreation	☐ Transportation	☒ Tribal Cultural Resources
☐ Utilities/Service Systems	☐ Wildfire	☒ Mandatory Findings of Significance

Determination

On the basis of this initial evaluation:

☐ I find that the Project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

☒ I find that, although the Project could have a significant effect on the environment, there will not be a significant effect in this case because revisions to the Project have been made by or agreed to by the Project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

☐ I find that the Project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

☐ I find that the Project MAY have an impact on the environment that is "potentially significant" or "potentially significant unless mitigated," but at least one effect (1) has been adequately analyzed in an earlier document, pursuant to applicable legal standards, and (2) has been addressed by mitigation measures, based on the earlier analysis, as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

☐ I find that although the Project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier ENVIRONMENTAL IMPACT REPORT or NEGATIVE DECLARATION, pursuant to applicable standards, and (b) have been avoided or mitigated, pursuant to that earlier ENVIRONMENTAL IMPACT REPORT or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the Project, nothing further is required.

Ruben Hurin	12/10/2025
Signature	Date
Ruben Hurin	City of Burlingame
Printed Name	For

Evaluation of Environmental Impacts

Introduction

This section identifies the environmental impacts of the Project by answering questions from Appendix G (Environmental Checklist Form) of the California Environmental Quality Act (CEQA) Guidelines. The environmental issues evaluated in this chapter include:

- Aesthetics
- Agricultural and Forestry Resources
- Air Quality
- Biological Resources
- Cultural Resources
- Energy
- Geology/Soils
- Greenhouse Gas Emissions
- Hazards/Hazardous Materials
- Hydrology/Water Quality
- Land Use/Planning
- Mineral Resources
- Noise
- Population/Housing
- Public Services
- Recreation
- Transportation
- Tribal Cultural Resources
- Utilities/Service Systems
- Wildfire
- Mandatory Findings of Significance

The analysis in this document considers all phases of Project planning, construction, implementation, and operation. Pursuant to Section 15063(d) of the CEQA Guidelines, the document identifies the Project's environmental setting and discusses its environmental effects. For each impact identified, a level of significance is determined, using the following classifications:

- **Potentially Significant Impact** is appropriate if there is substantial evidence that an effect is significant or the established threshold has been exceeded. When a determination of "potentially significant impact" is made, an environmental impact report (EIR) may be required.
- **Less than Significant with Mitigation Incorporated** applies where the incorporation of mitigation measures would reduce an effect from a "potentially significant impact" to "less-than-significant impact." Mitigation measures are prescribed to reduce the effect to a less-than-significant level.
- **Less than Significant** applies when the Project would affect or be affected by the environment, but based on sources cited in the report, the impact would not have an adverse effect and would not exceed the established thresholds.
- **No Impact** denotes situations in which there is no adverse effect on the environment. Referenced sources show that the impact does not apply to the Project.
- **Not a CEQA Impact** applies to impacts related to the environment that would affect the Project. Pursuant to the recent Supreme Court case decision in the *California Building Industry Association vs. Bay Area Air Quality Management District* case, CEQA does not require an analysis of how existing environmental conditions would affect a Project's residents or users, unless the Project would exacerbate those conditions. Therefore, when discussing impacts of the environment on the Project, the analysis first determines if the potential exists for the Project to exacerbate the issue. If evidence indicates that it would not, then the analysis concludes by stating such. If it could exacerbate the issue, then evidence is provided to determine if the exacerbation would or would not be significant.

As noted in Chapter 2, Project Description, to ensure that all potential environmental effects of the Project are considered, this Initial Study assumes maximum buildout of the Project as proposed. Because development of the Project would be largely dependent on grant funding, certain physical elements of the Project may need to be scaled back, based on the availability of funding. For example, the design of the education center/event building may need to be revised to reduce the size of the building envelope and building height, based on the final construction budget. Similarly, development of the proposed water access ramps would be contingent upon the availability of adequate grant funding. This Initial Study conservatively analyzes the impacts of the Project, assuming full funding for all proposed elements.

I. Aesthetics

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
Except as provided in Public Resources Code Section 21099, would the Project:				
a. Have a substantial adverse effect on a scenic vista?	☐	☐	☒	☐
b. Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings along a state scenic highway?	☐	☐	☐	☒
c. In nonurbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the Project is in an urbanized area, would the Project conflict with applicable zoning and other regulations governing scenic quality?	☐	☐	☒	☐
d. Create a new source of substantial light or glare that would adversely affect daytime or nighttime views in the area?	☐	☐	☒	☐

Setting

Regional Visual Context

The city of Burlingame is in San Mateo County, east of the Santa Cruz Mountains and west of San Francisco Bay (Bay). Burlingame is surrounded by the city of Millbrae to the northwest, the Bay to the east, the city of San Mateo to the southeast, and the town of Hillsborough to the southwest. Most of the city is within a gently sloping valley in a highly developed urban/suburban area. The western portions of the city are in the foothills of the Santa Cruz Mountains, which offer scenic views of the Bay and the East Bay Hills.

The Santa Cruz Mountains run the length of the San Francisco Peninsula and separate the Pacific Ocean from the Bay. The mountain range is the principal topographic feature in the region and visible from the majority of Burlingame as well as adjacent cities, especially in areas east of US 101. The portion visible from Burlingame includes Montara Mountain, Cahill Ridge, Sawyer Ridge, Skyline Ridge, and Sweeney Ridge. The coastal fog that spills over the ridgeline is a frequent occurrence that contributes to the regional setting's visual character.

The Envision Burlingame General Plan (General Plan or 2040 General Plan) considers views from the hills of marshlands and the Bay, as well as Old Bayshore Highway and Airport Boulevard, to be "scenic resources." According to the Burlingame General Plan, the landscape of the hills in Burlingame and the sweeping Bayfront create scenic views that merit protection and enhancement. In addition, the Burlingame General Plan considers Airport Boulevard and US 101 to be local "Scenic Roadways" through Burlingame. This is because they provide visual access to natural features, such as bodies of water, mountains, and tress, as well as built features, such as architectually significant buildings. Scenic corridors provide an enjoyable travel experience, link urban and open areas, and enable access to recreational areas.

Project Vicinity Visual Context

The Project site is in the northeastern portion of the city, between US 101 and the Bay. The visual character of the relatively flat Bayfront area is influenced by both the attractive landscape along the Bay and the mix of man-made elements in the area, including industrial, office, and recreational uses. The Project site is in an urbanized area at the south end of the Burlingame Bayfront area. The southern portion of the Project site is bounded by Airport Boulevard and Bay View Place, which borders four adjacent office developments at 411 Airport Boulevard, 433 Airport Boulevard, 500 Airport Boulevard, and 533 Airport Boulevard. The western portion of the Project site is bounded by a surface parking lot and restaurant (Kincaid's). The northern portion of the Project site fronts onto the Bay; the eastern portion of the site fronts onto Sanchez Creek. To the east, across Sanchez Channel, is the Burlingame Point office development, which consists of two five-story buildings, one seven-story building, and one eight-story building.

Project Site Visual Context

The Project site is a vacant lot within historical baylands that were previously filled. It currently comprises developed and/or landscaped areas, open water (i.e., an intertidal rocky shoreline/mudflats), ruderal grassland, and seasonal wetland habitats. The majority of the Project site is ruderal upland habitat, with a few non-native shrubs and trees scattered around the site.

The Project site is within the San Francisco Bay Conservation and Development Commission (BCDC) Shoreline Band.[8] An unimproved portion of the San Francisco Bay Trail (Bay Trail) is located along the northern edge of the Project site, and an unused gravel parking lot is located at the western edge of the Project site, adjacent to a paved parking lot for Kincaid's, a restaurant. There is also an abandoned paved parking lot on the eastern edge of the site, along with other hardscape infrastructure from the former Sherman restaurant, which was on a moored boat in Sanchez Creek. A Federal Aviation Administration (FAA) tower associated with San Francisco International Airport (SFO) is on an easement within this eastern parking lot.

The Project site is relatively flat, with ground surface elevations ranging from 6 to 12 feet. There are several localized areas with higher elevations of up to 15 feet on the north side of the Project site.[9] The Project site includes unobstructed views of the Bay, San Bruno Mountain, and the East Bay Hills when facing north or east. The higher elevations of the Santa Cruz Mountains and Skyline Ridge are visible to the south and west; however, these are mainly visible through channelized view corridors (i.e., between the vegetation and buildings that front Airport Boulevard).

Light and Glare

Light pollution refers to all forms of unwanted light in the night sky, including glare, light trespass or spill on adjacent sensitive receptors, sky glow, and over-lighting. Views of the night sky are an important part of the natural environment. Excessive light and glare can be visually disruptive to humans as well as nocturnal animal species. Commercial development (and associated lighting) is concentrated in the downtown area, at intersections along major arterials, and along the Bayfront area. Light pollution in other areas of the city is relatively minimal and restricted primarily to areas with lighting along major streets and freeways or areas with nighttime illumination within commercial and industrial buildings.

[8] The Shoreline Band is the land extending inland 100 feet from the shoreline of the Bay, which is within the jurisdiction of BCDC.

[9] Langan Engineering and Environmental Services, Inc. 2021. *Preliminary Geotechnical Investigation, Burlingame Shoreline Park, Burlingame, California*. June 28.

There are limited light sources at the Project site due to its undeveloped nature. However, cobra-style street lighting is provided along Airport Boulevard to the south. Although there are buildings on the adjacent properties, the surrounding area is not brightly illuminated at night because the commercial and office buildings are in use mainly during the day.

Glare from reflective building surfaces is present in the Project vicinity because of the architectural styles of the mid-rise buildings in some of the surrounding areas to the south. However, vegetation often blocks the reflective surfaces on the lower levels of these buildings.

Discussion

a. Have a substantial adverse effect on a scenic vista? (Less than Significant)

For purposes of this analysis, a scenic vista is defined as a vantage point with a broad and expansive view of a significant landscape feature (e.g., a mountain range, lake, coastline) or a significant historic or architectural feature (e.g., a historic tower). A scenic vista is a location that offers a high-quality, harmonious, and visually interesting view.

The Burlingame General Plan does not identify scenic vistas. However, it considers views of the hillsides and the waterfront along the Bay to be scenic public views. In the vicinity of the Project site, views of the Santa Cruz Mountains and Skyline Ridge (collectively referred to as "the hillsides") are visible when facing south or west. However, as discussed above, the hillsides are viewed mainly through channelized view corridors between the existing vegetation and buildings along Airport Boulevard. The Project would include a public nature and recreation park, which would not block any scenic views. Although an education center/event building would be constructed as part of the Project, the size and massing of this building (14,000 square feet, including a roof overhang with a height of approximately 33 feet) would not have an adverse effect on scenic public views of the hillsides.

The waterfront along the Bay provides scenic public views that are visible from the Project site when looking north or east. The Project would include various features along the waterfront, such as a Bay overlook, lawns, boardwalks, and an improved Bay Trail. These features would increase public visibility of the Bay at the Project site compared to existing conditions. Therefore, the Project would not have an adverse effect on scenic public views of the waterfront.

The higher elevations of Burlingame provide eastern views of the city, the Bay, and the East Bay Hills. The height of the proposed building (33 feet) would not affect these vistas because of the distance between the viewers and the Project site; the superior position of the viewers (i.e., at a higher elevation), relative to the Project site; the built-out, urban nature of the city; and the vast expanse of the Bay views. The proposed building, as well as the proposed public nature and recreation park, would be a minor element in the views from higher elevations in the city. Therefore, the Project would have a ***less-than-significant*** impact on a scenic vista.

b. Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings along a state scenic highway ? (No impact)

The Project site is not adjacent to or in view of a designated state scenic highway or corridor. The closest designated scenic highway is Interstate (I) 280, which is approximately 2.5 miles to the west.[10] The Project site cannot be seen from any portion of I-280. Therefore, ***no impacts*** related to scenic resources within a state scenic highway corridor would occur.

[10] California Department of Transportation. n.d. *Scenic Highways*. Available: https://dot.ca.gov/programs/design/lap-landscape-architecture-and-community-livability/lap-liv-i-scenic-highways. Accessed: June 14, 2024.

c. Conflict with applicable zoning and other regulations governing scenic quality? (Less than Significant)

The Project site is in an urban area; however, the existing site is currently undeveloped. The Project site is designated as Bayfront Commercial (BFC) and zoned as Anza Area (AA) under the General Plan and the City's Zoning Code, respectively. The BFC land use designation allows greater development intensities for office and hospitality uses to encourage the conversion of underutilized lots; it also prioritizes public access to the waterfront. Permitted uses under the BFC designation include entertainment venues, restaurants, hotels and motels, retail establishments, higher-intensity office uses, and public open space. The AA zoning designation allows a mix of uses, including office uses, research and development (R&D), and associated laboratory uses and instructional activities. Building heights of up to 65 feet are permitted. Offices with a maximum floor area ratio (FAR) greater than 0.6, including R&D developments with associated laboratory uses, require a conditional use permit. The Project would redevelop vacant parcels with a new public nature and recreation park. It would be consistent with the allowable uses for the AA zoning district, which allows a building height of 40 feet within 100 feet of the Bay shoreline and a FAR of 0.6. The proposed education center/event building would have a maximum height of approximately 33 feet; the Project's FAR would be 0.03. Therefore, the Project would not conflict with applicable zoning governing scenic quality.

The Project site is currently vacant and undeveloped, other than an FAA tower, an unimproved portion of the Bay Trail along the Bay side of the site, and two substandard parking surfaces. The Project would transform the vacant parcel into a 10.2-acre public nature and recreation park with an education/event center building and a drop-off loop and one-way drive. The Project site would also include a kitesurfing ramp with a Bay overlook, multi-purpose and lawn areas, a restored marsh, boardwalk to the Bay, small take-out café, secondary trails throughout the site, an interpretive program, and a sea-level rise resiliency program. Policy CC-6.3 (Infill Development) encourages increased intensity through high-quality infill development on surface parking lots and supports the conversion of surface parking lots into active commercial and hospitality uses. The proposed education center/event building and public nature and recreation park would be constructed on an existing unused gravel parking lot. Therefore, the Project would be consistent with Policy CC-6.3 by encouraging infill development on existing surface parking lots.

Burlingame General Plan Policy CC-6.4 (Design Character) promotes design standards that facilitate attractive interfaces between use types, enhance the public realm, and activate commercial districts. For the education/event center, the Project would incorporate both passive and active sustainability strategies into the proposed education/event center building design. The proposed building would be oriented and sited on the Project site to maximize natural ventilation and solar access, thereby reducing the proposed building's reliance on mechanical heating and cooling systems. The Project would also incorporate bird-safe glazing on certain portions of the education center/event building to reduce the frequency of bird collisions with glazed façades.

The Project would enhance the public realm by providing publicly accessible open spaces and active and passive recreational areas. In addition, the Project would convert existing ruderal habitat and low-quality seasonal habitat to a high-quality tidal-marsh ecosystem. This would be done by restoring appropriate native habitats in the Bayfront area, including tidal-marsh and marsh-upland ecotone habitats; promoting native vegetation; and controlling non-native species. Furthermore, the Project would improve a portion of the Bay Trail that would overlook the restored tidal marsh, provide Bay Area Water Trail access (i.e., from the kitesurfing ramp and kayak launch areas), and incorporate lawns, multi-purpose areas, and secondary trails throughout the Project site. Therefore, the new public nature and recreation park would be consistent with Policy CC-6.4.

Goal CC-6 of the Burlingame General Plan supports a cohesive design character for the Bayfront area that protects views of the waterfront. In addition, Goal HP-7 and Policies CC-6.1, HP-7.3, and HP-7.7 protect public views of the waterfront by restricting the height of buildings within the associated viewsheds. The proposed education center/event building would have a maximum height of approximately 33 feet and a FAR of 0.03. Therefore, the new structure would not block public views of the Bay from the Bay Trail or other nearby open space. In addition, because of the relatively flat topography of the Project site and vicinity, as well as the prevalence of buildings and vegetation, at-grade views from surrounding locations to the Project site are largely restricted. The education center/event building and a small fire department building would be the only structures at the Project site. The rest of the 10.2-acre Project site would include publicly accessible open spaces with unobstructed views of the Bay. Therefore, the Project would be consistent with General Plan goals and policies that protect views of the waterfront.

Policy HP-7.3 helps protect local scenic roadways, such as Airport Boulevard. According to this policy, mature trees along Airport Boulevard should be retained, and new development should not detract from the aesthetics of this corridor. Although the Project site fronts the scenic corridor, the Project would enhance the frontage by providing new vegetation and a one-way drop-off loop into the Project site. In addition, the new education center/event building would be setback from Airport Boulevard. Although the views from Airport Boulevard would most likely be enhanced upon implementation of the Project, some existing trees along the scenic corridor would be removed. The Project site currently contains 41 trees, 11 of which are considered "protected," per the City's Tree Ordinance (Municipal Code Section 11.06.020). Construction of the Project would remove 39 of the trees, 10 of which are of a protected size. Several of these trees front onto Airport Boulevard. However, in accordance with the City's Tree Ordinance, the Project would provide more than 80 new trees on the site, including new trees along Airport Boulevard. Therefore, the Project would be consistent with the General Plan Policy HP-7.3 regarding local scenic roadways.

Policy HP-7.5 identifies connectivity opportunities for areas between scenic routes (e.g., Airport Boulevard) and adjacent public recreation areas such as parks, scenic outlooks, and biking and hiking trails. As described above, the Project would provide 10.2 acres of publicly accessible open space, improve the section of the Bay Trail on the Project site, facilitate water access and recreation with water access ramps for kayaking and board sailing, and provide new viewing decks and patios, a small take-out café, multi-purpose and lawn areas, secondary trails throughout the site, an interpretive program, and interpretive elements related to a sea-level rise resiliency demonstration. The Project would provide 29 on-site parking spaces that would be accessed from the one-way drive off Airport Boulevard. Therefore, the Project would provide connectivity opportunities between scenic routes and a new public recreation area.

Consistent with Burlingame Municipal Code Section 25.47.052, the Planning Commission would review the Project for consistency with exterior building design guidelines for the Anza subarea. In particular, the proposed architecture and landscaping would be reviewed with respect to compatibility with the materials used in existing development, the location and use of plant materials, and the transitions where changes in land use would occur.

The Project would be consistent with all other zoning regulations that serve to protect the visual character of the Bayfront area, including those pertaining to use, setbacks, parking, view corridors, lot coverage, lot frontage, minimum lot size, landscaping, and trash and loading areas. Therefore, the Project would not conflict with AA zoning requirements. Furthermore, adherence to relevant design guidelines and Burlingame General Plan goals and policies would ensure that the Project would not result in degradation of the existing visual character or quality of the Project site or its surroundings. Moreover, the Project would be subject to the City's design review process and landscaping standards to ensure visual compatibility with the character of the surrounding area. Therefore, the Project would not conflict with applicable zoning or other regulations that govern scenic quality. The impact would be considered ***less than significant***.

d. Create a new source of substantial light or glare that would adversely affect daytime or nighttime views in the area? (Less than Significant)

Streetlights, exterior commercial lighting, and vehicular lights are found in the surrounding area and along adjacent corridors, particularly Airport Boulevard and US 101. However, due to the undeveloped nature of the Project site, no light sources are currently present. Proposed development at the Project site would result in increased nighttime lighting from vehicles, interior circulation areas, the new education center/event building, and security features. Lighting provided on the Project site would highlight paths, wayfinding features, and destinations. Automated interior blackout shades would be installed on all windows on the north/northwest and east façades of the education center/event building, as well as south-facing windows, and be programmed to close when the building is not in use and between approximately 10:00 p.m. and sunrise.

Site lighting would complement the geometry of the landscape design as well as the materials used in the architectural design of the new building. Although the new building would contribute additional sources of light, exterior lighting would be designed and installed to comply with existing regulations, including those regarding light pollution. Exterior light fixtures at the Project site would comply with the California Building Standards Code (Title 24, Building Energy Efficiency Standards), which requires new fixtures to reduce the amount of lateral spreading to surrounding uses. This is consistent with Burlingame Municipal Code Section 18.16.030, which requires all new exterior lighting to be designed and located so that the cone of light and/or glare from the light element is kept entirely on the property or below the top of any fence, edge, or wall. Therefore, the focus for outdoor lighting included in landscaping and along the exterior of the education center/event building would be for safety, security, and sensitivity proposes. The light footprint would not extend beyond the periphery of the Project site.

Glass surfaces on the education center/event building would slightly increase reflected sunlight, ambient light, and glare compared with existing conditions. However, the new exterior lighting for the Project would be designed to minimize light and glare, per existing regulations. In addition, due to the size and location of the proposed education center/event building, any glare from the windows would be minimal and would not extend to surrounding areas. The Project would also incorporate bird-safe glazing on certain portions of the education center/event building to reduce the frequency of bird collisions with glazed façades. Bird-safe glazing treatments, which would reduce glare, could include fritting, netting, permanent stencils, frosted glass, exterior screens, physical grids on the exterior of the glazing, or ultraviolet patterns that would be visible to birds. Therefore, impacts due to light and glare would be ***less than significant***.

II. Agricultural and Forestry Resources

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
In determining whether impacts on agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts on forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forestland, including the Forest and Range Assessment Project and the Forest Legacy Assessment Project, and the forest carbon measurement methodology provided in the forest protocols adopted by the California Air Resources Board. Would the Project:				
a. Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	☐	☒
b. Conflict with existing zoning for agricultural use or conflict with a Williamson Act contract?	☐	☐	☐	☒
c. Conflict with existing zoning for, or cause rezoning of, forestland (as defined in Public Resources Code Section 12220[g]), timberland (as defined by Public Resources Code Section 4526), or timberland zoned for timberland production (as defined by Government Code Section 51104[g])?	☐	☐	☐	☒
d. Result in the loss of forestland or conversion of forestland to non-forest use?	☐	☐	☐	☒
e. Involve other changes in the existing environment that, because of their location or nature, could result in the conversion of Farmland to non-agricultural use or the conversion of forestland to non-forest use?	☐	☐	☐	☒

Setting

The Project site is a vacant lot within historical baylands that were previously filled. It currently comprises developed and/or landscaped areas, open water (i.e., an intertidal rocky shoreline/ mudflats), ruderal grassland, and seasonal wetland habitats. The majority of the Project site is ruderal upland habitat, with a few non-native shrubs and trees scattered around the site. An unimproved portion of the Bay Trail is located along the northern edge of the Project site, and an unused gravel parking lot is located at the western edge of the Project site, adjacent to a paved parking lot for Kincaid's, a restaurant. There is also an abandoned paved parking lot on the eastern edge of the site, along with other hardscape infrastructure from the former Sherman restaurant, which was on a moored boat in Sanchez Creek. A Federal Aviation Administration (FAA) tower associated with San Francisco International Airport (SFO) is on an easement within this eastern parking lot.

The California Department of Conservation map of important farmland identifies the city of Burlingame, including the entirety of the Project site, as Urban and Built-up Land.[11]

Discussion

a. Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use? (No Impact)

The Project site and all surrounding lands are identified as Urban and Built-up Land, per the 2018 San Mateo County Important Farmland Map.[12] No important farmland, including Prime Farmland, Unique Farmland, or Farmland of Statewide Importance, exists within or adjacent to the Project site. There is no potential for the Project to result in the conversion of farmland. There would be ***no impact***.

b. Conflict with existing zoning for agricultural use or conflict with a Williamson Act contract? (No Impact)

The Project site is designated as BFC and zoned AA under the Burlingame General Plan and the City's Zoning Code; BFC land designation and AA zoning does not allow agricultural land uses. Accordingly, no agricultural land, including agricultural land under a Williamson Act or Farmland Security Zone contract, currently exists at the Project site.[13] Therefore, the Project would not result in a conflict with existing zoning for agricultural use or a Williamson Act contract. There would be ***no impact***.

c. Conflict with existing zoning for, or cause rezoning of, forestland (as defined in Public Resources Code Section 12220[g]), timberland (as defined by Public Resources Code Section 4526), or timberland zoned for timberland production (as defined by Government Code Section 51104[g])? (No Impact)

The Project site is not zoned for forestland, timberland, or timberland production and therefore would not conflict with existing zoning for, or cause rezoning of, forestland or timberland. There would be ***no impact.***

d. Result in the loss of forestland or conversion of forestland to non-forest use? (No Impact)

As described above, no forestland is present within or near the Project site. Therefore, the Project would not result in the loss of forest land or conversion of forestland to non-forest use. There would be ***no impact.***

e. Involve other changes in the existing environment that, because of their location or nature, could result in the conversion of Farmland to non-agricultural use or the conversion of forestland to non-forest use? (No Impact)

Other changes in the existing environment that, because of their location or nature, could result in the conversion of Farmland to non-agricultural use or the conversion of forestland to non-forest use could include actions that would affect livestock on Farmland of Local Importance or actions that would affect forest health. The Project site does not have livestock, nor does it contain forestland; it is located among industrial and urban development. Therefore, the Project would not involve the conversion of farmland to nonagricultural use or the conversion of forestland to non-forest use. There would be ***no impact***.

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[11] Department of Conservation. 2018. *San Mateo County Important Farmland Map*. Accessed: May 29, 2024.

[12] Ibid.

[13] City of Burlingame. 2021. *City of Burlingame Zoning Map.* Available: https://www.burlingame.org/DocumentCenter/View/3219/Zoning-Map-PDF. Accessed: December 3, 2025.

III. Air Quality

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations. Would the Project:				
a. Conflict with or obstruct implementation of the applicable air quality plan?	☐	☐	☒	☐
b. Result in a cumulatively considerable net increase in any criteria pollutant for which the Project region is a nonattainment area for an applicable federal or state ambient air quality standard?	☐	☒	☐	☐
c. Expose sensitive receptors to substantial pollutant concentrations?	☐	☒	☐	☐
d. Result in other emissions (such as those leading to odors) that would adversely affect a substantial number of people?	☐	☐	☒	☐

Setting

The Project site is in the city of Burlingame in San Mateo County, which is within the San Francisco Bay Area Air Basin (SFBAAB). Concentrations of ozone (O_3), carbon monoxide (CO), nitrogen dioxide (NO_2), sulfur dioxide (SO_2), lead, and particulate matter (PM_{10} [particulate matter no more than 10 microns in diameter] and $PM_{2.5}$ [particulate matter no more than 2.5 microns in diameter]) are commonly used as indicators of ambient air quality conditions. These pollutants are known as criteria pollutants and regulated by the U.S. Environmental Protection Agency (EPA) and California Air Resources Board (CARB) through the National Ambient Air Quality Standards (NAAQS) and California Ambient Air Quality Standards (CAAQS), respectively. The NAAQS and CAAQS limit criteria pollutant concentrations to protect human health and prevent environmental and property damage. Other pollutants of concern in the Project area are nitrogen oxides (NO_X) and reactive organic gases (ROGs), which are precursors to O_3, and toxic air contaminants (TACs) and can cause cancer and other human health concerns.

Ambient Criteria Pollutant Conditions and Regional Attainment Status

A number of ambient air quality monitoring stations are located in the SFBAAB to monitor progress toward attainment of the NAAQS and CAAQS. There are no monitoring stations in Burlingame, but there is one monitoring station 11 miles southeast in Redwood City at 897 Barron Avenue. However, PM_{10} is not measured at the Redwood City station; therefore, data from the next closest station that monitors PM_{10} (the San Francisco-Arkansas Street station) have been collected as well. Recent air quality monitoring results from these monitoring stations are summarized in Table 3.3-1. The data represent air quality monitoring for the last 3 years for which a complete dataset is available (2020–2022). As indicated in Table 3.3-1, the monitoring stations have experienced infrequent violations of state and federal air quality standards during this time period.

Table 3.3-1. Ambient Air Quality Monitoring Data from Redwood City Monitoring Station

Pollutant Standards	2021	2022	2023
Ozone (O_3)			
Maximum 1-hour concentration (ppm)	0.085	0.079	0.089
Maximum 8-hour concentration (ppm)	0.063	0.061	0.061
Number of days standard exceeded[b]			
CAAQS 1-hour concentration (> 0.09 ppm)	0	0	0
CAAQS 8-hour concentration (> 0.070 ppm)	0	0	0
NAAQS 8-hour concentration (> 0.075 ppm)	0	0	0
Carbon Monoxide (CO)			
Maximum 8-hour concentration (ppm)	0.9	1.0	1.0
Maximum 1-hour concentration (ppm)	1.6	1.8	1.8
Number of days standard exceeded [b]			
NAAQS 8-hour concentration (> 9 ppm)	0	0	0
CAAQS 8-hour concentration (> 9.0 ppm)	0	0	0
NAAQS 1-hour concentration (> 35 ppm)	0	0	0
CAAQS 1-hour concentration (> 20 ppm)	0	0	0
Nitrogen Dioxide (NO_2)			
State maximum 1-hour concentration (ppb)	40	43	55
State second-highest 1-hour concentration (ppb)	39	43	51
Annual average concentration (ppb)	7	8	7
Number of days standard exceeded[b]			
CAAQS 1-hour concentration (180 ppb)	0	0	0
Particulate Matter (PM_{10})[a]			
National maximum 24-hour concentration (µg/m^3)	32.2	34.2	43.8
National second-highest 24-hour concentration µg/m^3)	26.4	28.5	40.4
State maximum 24-hour concentration µg/m^3)	33.0	36.0	44.9
State second-highest 24-hour concentration µg/m^3)	27.0	30.0	42.7
National annual average concentration µg/m^3)	8.2	7.7	7.4
State annual average concentration (µg/m^3)	16.1	*	*
Number of days standard exceeded [b]			
NAAQS 24-hour concentration (> 150 µg/m^3)	0	0	0
CAAQS 24-hour concentration (> 50 µg/m^3)	0	0	0
Particulate Matter ($PM_{2.5}$)			
National maximum 24-hour concentration (µg/m^3)	30.1	27.4	41.0
National second-highest 24-hour concentration (µg/m^3)	20.1	23.7	33.5
State maximum 24-hour concentration (µg/m^3)	30.1	27.4	41.0
State second-highest 24-hour concentration (µg/m^3)	20.1	23.7	33.5
National annual average concentration (µg/m^3)	6.0	6.8	8.0
State annual average concentration (µg/m^3)	6.1	6.8	*
Number of days standard exceeded[b]			
NAAQS 24-hour concentration (> 35 µg/m^3)	0	0	1

Sources [Table 3.3-1]:
CARB. 2024. *iADAM: Air Quality Data Statistics.* Top 4 Summary. Available: https://www.arb.ca.gov/adam/topfour/topfour1.php. Accessed: November 22, 2024.
EPA. 2024. *Monitor Values Report*. Available: https://www.epa.gov/outdoor-air-quality-data/monitor-values-report. Accessed: November 22, 2024.
Notes:
[a] Data for PM_{10} were unavailable from the Redwood City Monitoring Station or anywhere else in San Mateo County; therefore, data were taken from the San Francisco-Arkansas Street Monitoring Station in San Francisco County.
[b] An exceedance is not necessarily a violation.
ppm = parts per million; ppb = parts per billion; NAAQS = National Ambient Air Quality Standards; CAAQS = California Ambient Air Quality Standards; µg/m³ = micrograms per cubic meter; * = insufficient data available to determine value.

Local monitoring data are used to designate areas as nonattainment, maintenance, attainment, or unclassified areas, according to the ambient air quality standards. San Mateo County is currently classified as a nonattainment area for the federal and state O_3 and $PM_{2.5}$ standards and a nonattainment area for the state PM_{10} standard.[14, 15]

Existing TAC Sources and Health Risks

The Bay Area Air Quality Management District (BAAQMD) maintains an online inventory of health risks associated with all permitted stationary sources within the SFBAAB.[16] Within 1,000 feet of the Project site, there are seven permitted facilities with associated background health risks. Aside from stationary sources, emissions of TACs around the Project site are also generated from mobile sources on roads and highways, including US 101 and Airport Boulevard. Health risks associated with the nearby permitted stationary source, highways, and surface streets, as well as railways, are considered in the analysis of the Project's cumulative health risks.

Sensitive Receptors

Sensitive land uses are generally considered to include those uses where exposure to pollutants could result in health-related risks for sensitive individuals, including children and the elderly. Per BAAQMD, sensitive receptors include "children, the elderly, off-site workers, students, and those with preexisting medical conditions. They are typically found in residences, schools, parks and playgrounds, day-care centers, nursing homes, and medical facilities, but some receptors are overlooked because they are found in an unlikely location," including "encampments for the unhoused, warehouses with indoor sports facilities for children and youth, privately operated indoor playgrounds for young children, and privately operated youth-serving facilities."[17]

[14] CARB. 2023. *Maps of Current State and Federal Area Designations*. October. Available: https://ww2.arb.ca.gov/resources/documents/maps-state-and-federal-area-designations. Accessed: December 4, 2024.
[15] EPA. 2023. *California Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants*. January 31. Available: https://www3.epa.gov/airquality/greenbook/anayo_ca.html. Accessed: December 4, 2024.
[16] BAAQMD. 2023. *Stationary-Source Screening Map*. Available: https://baaqmd.maps.arcgis.com/apps/webappviewer/index.html?id=845658c19eae4594b9f4b805fb9d89a3. Accessed: December 4, 2024.
[17] BAAQMD. 2023. *California Environmental Quality Act, Air Quality Guidelines*. April. Available: https://www.baaqmd.gov/plans-and-climate/california-environmental-quality-act-ceqa/updated-ceqa-guidelines. Accessed: December 4, 2024.

Land uses in the Project area include primarily commercial buildings.[18] Sensitive receptors in the Project area include off-site workers at the nearby commercial buildings, located as close as 25 feet from the Project site, and students at British Swim School of Embassy Suites Burlingame and T&Y Education, located as close as 175 feet from the Project site. The nearest residential uses are more than 1,400 feet from the Project site and thus are not in proximity to the Project area. The nearest hotel use is the Hilton San Francisco Airport Bayfront, located approximately 415 feet away. Because the nearest residential uses are more than 1,000 feet away, the health risk assessment (HRA) conservatively modeled this hotel use as a residential receptor.

Environmental Burdens

The Office of Environmental Health Hazard Assessment (OEHHA) maintains the California Communities Environmental Health Screening Tool (CalEnviroScreen), which provides relative rankings of census tracts, based on 21 environmental, health, demographic, and socioeconomic indicators (e.g., O_3 concentrations, groundwater threats, education levels). Ranking scores are provided for each indicator, which are also combined to provide an overall ranking score for the census tract. The scores are not a measure of health risk; rather, they reflect the relative pollution burden and vulnerabilities in one census tract compared to other census tracts in the state. Scores are given on a scale of 0 to 100, with larger numbers representing areas with relatively high existing pollution burdens and population sensitivities.

Disadvantaged communities are defined as census tracts ranking in the top 25th percentile for environmental burdens and socioeconomic conditions (i.e., CalEnviroScreen score of 75 or higher). Low-income communities are defined as census tracts that are either at or below 80 percent of the statewide median income or at or below the threshold designated as low income according to the California Department of Housing and Community Development's state income limits.

The Project is within census tract 6081605400, which has a CalEnviroScreen percentile score of 21.[19] This score indicates that the census tract experiences more minor pollution and secondary effects than the rest of the state. Because the census tract has a CalEnviroScreen percentile score lower than 70 percent, it is not considered an overburdened community, per BAAQMD guidance.

Regulatory Setting

BAAQMD California Environmental Quality Act, Air Quality Guidelines

BAAQMD is responsible for ensuring that the NAAQS and CAAQS are met within the SFBAAB. BAAQMD manages air quality through a comprehensive program that includes long-term planning, regulations, incentives for technical innovation, education, and community outreach. The 2017 Clean Air Plan provides an integrated strategy to reduce O_3, particulate matter, TACs, and greenhouse gas (GHG) emissions in a manner that is consistent with federal and state air quality programs and regulations.

In April 2023, BAAQMD published the most recent version of its *California Environmental Quality Act, Air Quality Guidelines* (BAAQMD CEQA Guidelines). The BAAQMD CEQA Guidelines provide recommended procedures for evaluating potential air impacts during the environmental review process, consistent with CEQA requirements, and include recommended thresholds of significance, mitigation measures, and background air quality information.

[18] City of Burlingame. n.d. *Land Use Look-Up Application*. Available: https://bgmaps.maps.arcgis.com/apps/webappviewer/index.html?id=dc6ddd4d57c54beabcb447d86362d791. Accessed: December 4, 2023.

[19] OEHHA. 2023. *CalEnviroScreen 4.0*. Available: https://experience.arcgis.com/experience/ed5953d89038431dbf4f22ab9abfe40d/#data_s=id%3AdataSource_25-17c3d89e7e2-layer-1%3A3322. Accessed: November 22, 2024.

The CEQA Guidelines include recommended assessment methodologies for air toxics and odors as well as best practices for centering environmental justice, health, and equity. As stated in Appendix G of the CEQA Guidelines, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make checklist determinations. Accordingly, BAAQMD's thresholds are used to evaluate the significance of air quality impacts associated with the Project.

Regional Criteria Pollutants and Precursors

BAAQMD has developed screening criteria for construction and operational criteria air pollutants and precursors to provide a conservative indication of whether implementing a proposed project could result in potentially significant criteria air pollutants and precursor impacts. If a proposed project meets all screening criteria, as detailed in Sections 4.1.1 and 4.1.2 of the BAAQMD CEQA Guidelines, then the lead agency would not need to perform a detailed assessment of a project's emissions.[20]

For projects that do not meet the screening criteria for construction or operational criteria air pollutants and precursors, BAAQMD provides significance thresholds to evaluate impacts for ROGs, NO_X, PM_{10}, and $PM_{2.5}$, as shown in Table 3.3-2. These thresholds are based on the stationary-source emissions limits of the federal Clean Air Act (CAA) and BAAQMD Regulation 2, Rule 2. The federal New Source Review program, created by the federal CAA, set emissions limits to ensure that stationary sources of air pollution are constructed in a manner that is consistent with attainment of the NAAQS. Similarly, to ensure that new stationary sources do not cause or contribute to a violation of the NAAQS, BAAQMD Regulation 2, Rule 2, requires any new source that emits criteria air pollutants above specified emissions limits to offset those emissions. Although the emission limits are adopted in the regulation to control stationary-source emissions, the amount of the emission is the key determining factor, regardless of source, when addressing public health impacts of regional criteria pollutants. Therefore, the emissions limits are appropriate for the evaluation of land use development and construction activities as well as stationary sources. Projects resulting in emissions below the thresholds are not considered projects that contribute to an existing or projected air quality violation or result in a considerable net increase in criteria pollutant emissions.

Table 3.3-2. BAAQMD Project-Level Regional Criteria Pollutant Emissions Thresholds

Analysis	Thresholds
Regional Criteria Pollutants (Construction)	○ Reactive Organic Gases (ROG): 54 pounds/day ○ Nitrogen Oxides (NO_X): 54 pounds/day ○ Particulate Matter (PM_{10}): 82 pounds/day (exhaust only); compliance with best management practices (fugitive dust) ○ Fine Particulate Matter ($PM_{2.5}$): 54 pounds/day (exhaust only); compliance with best management practices (fugitive dust)
Regional Criteria Pollutants (Operations)	○ Reactive Organic Gases (ROG): Same as construction ○ Nitrogen Oxides (NO_X): Same as construction ○ Particulate Matter (PM_{10}): 82 pounds/day ○ Fine Particulate Matter ($PM_{2.5}$): 54 pounds/day

Source: BAAQMD. 2023. *California Environmental Quality Act, Air Quality Guidelines*. April. Available: https://www.baaqmd.gov/plans-and-climate/california-environmental-quality-act-ceqa/updated-ceqa-guidelines. Accessed: December 4, 2024.

[20] BAAQMD. 2023. *California Environmental Quality Act, Air Quality Guidelines*. April. Available: https://www.baaqmd.gov/plans-and-climate/california-environmental-quality-act-ceqa/updated-ceqa-guidelines. Accessed: December 4, 2024.

Note that the federal New Source Review emissions limits and BAAQMD's offset limits are identified in the regulation on an annual basis (in tons per year). For construction activities, the limits are converted to average daily emissions (in pounds per day), as shown in Table 3.3-2, because of the short-term and intermittent nature of construction activities. If emissions would not exceed average daily emissions limits, a project would not exceed annual levels.

Health Effects of Regional Criteria Pollutants and Precursors

Air districts develop region-specific CEQA thresholds of significance in consideration of existing air quality concentrations as well as attainment or nonattainment designations under the NAAQS and CAAQS. The NAAQS and CAAQS are informed by a wide range of scientific evidence that demonstrates that there are known safe concentrations of criteria pollutants. Although recognizing that air quality is a cumulative problem, air districts typically consider projects that generate criteria pollutant and O_3 precursor emissions that are below the thresholds to be minor in nature. Such projects would not adversely affect air quality or exceed the NAAQS or CAAQS. For projects generating emissions that exceed the mass emissions thresholds, BAAQMD recommends tying the project emissions to potential negative health consequences if scientifically feasible. Furthermore, the BAAQMD CEQA Guidelines note that, to comply with the Friant Ranch decision,[21]

> lead agencies need to sufficiently explain the nature and magnitude of significant impacts identified by criteria air pollutant and precursor air quality analyses such that readers can meaningfully understand them. Moreover, lead agencies must make a reasonable effort to connect a project's emissions, where significant, to foreseeable health impacts or provide evidence as to why such an analysis is not scientifically possible.[22]

Local Risks and Hazards

Carbon Monoxide

Heavy traffic congestion can contribute to high levels of CO. Individuals exposed to such "hot spots" may have a greater likelihood of developing adverse health effects. BAAQMD has adopted screening criteria that provide a conservative indication of whether project-generated traffic would cause a potential CO hot spot. If the screening criteria are met, a quantitative analysis, through site-specific dispersion modeling of project-related CO concentrations, would not be necessary. A project would not cause localized violations of the CAAQS for CO if the following BAAQMD CO screening criteria are met.[23]

- The project is consistent with an applicable congestion management program established by the county congestion management agency for designated roads or highways, the regional transportation plan, and local congestion management agency plans.
- Project-generated traffic would not increase traffic volumes at affected intersections to more than 44,000 vehicles per hour.

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[21] The California Supreme Court's 2018 decision in *Sierra Club v. County of Fresno* (6 Cal. 5th 502), also referred to as the Friant Ranch Decision, included review of the long-term regional air quality analysis contained in the EIR for the proposed Community Plan Update and Friant Ranch Specific Plan. The court found that the EIR's air quality analysis was inadequate because it failed to provide enough detail "for the public to translate the bare [criteria pollutant emissions] numbers provided into adverse health impacts or to understand why such a translation is not possible at this time."

[22] BAAQMD. 2023. *California Environmental Quality Act, Air Quality Guidelines*. April. Available: https://www.baaqmd.gov/plans-and-climate/california-environmental-quality-act-ceqa/updated-ceqa-guidelines. Accessed: December 4, 2024.

[23] Ibid.

- Project-generated traffic would not increase traffic volumes at affected intersections to more than 24,000 vehicles per hour where vertical and/or horizontal mixing is substantially limited (e.g., tunnel, parking garage, bridge underpass, natural or urban street canyon, below-grade roadway).

Particulate Matter

BAAQMD adopted an incremental $PM_{2.5}$ concentration-based significance threshold in which a "substantial" contribution at the project level for an individual source is defined as total (i.e., exhaust and fugitive) $PM_{2.5}$ concentrations exceeding 0.3 micrograms per cubic meter ($\mu g/m^3$). In addition, BAAQMD considers projects to have a cumulatively considerable $PM_{2.5}$ impact if sensitive receptors are exposed to $PM_{2.5}$ concentrations from local sources within 1,000 feet, including existing sources, project-related sources, and reasonably foreseeable future sources, that exceed 0.8 $\mu g/m^3$.[24]

BAAQMD has not established an incremental, concentration-based PM_{10} threshold of significance. However, BAAQMD considers impacts related to mass emissions of fugitive PM_{10} from earthmoving activities to be less than significant with application of BAAQMD's basic construction measures.

Toxic Air Contaminants

BAAQMD has adopted incremental cancer and hazard thresholds to evaluate receptor exposure to single sources of TAC emissions. The "substantial" TAC threshold defined by BAAQMD is exposure of a sensitive receptor to an individual emissions source, resulting in an excess cancer risk level of more than 10 in 1 million or a non-cancer (i.e., chronic or acute) hazard index greater than 1.0.[25] BAAQMD also considers projects to have a cumulatively considerable TAC impact if they contribute to TAC emissions that, when combined with existing sources within 1,000 feet of sensitive receptors, result in excess cancer risk levels of more than 100 in 1 million or a hazard index greater than 10.0.[26]

Asbestos

The BAAQMD CEQA Guidelines state that projects that have the potential to disturb asbestos (from soil or building material) must comply with all the requirements of CARB's Airborne Toxic Control Measure (ATCM) for Construction, Grading, Quarrying, and Surface Mining Operations as well as BAAQMD Regulation 11, Rule 2, Asbestos Demolition, Renovation and Manufacturing.[27] CARB's ATCM for Construction, Grading, Quarrying, and Surface Mining Operations requires work practices that minimize asbestos emissions from activities where naturally occurring asbestos is found or is likely to be found. BAAQMD Regulation 11, Rule 2, controls emissions of asbestos to the atmosphere during demolition, renovation, and transportation. The rule requires lead agencies and their contractors to notify BAAQMD of any regulated renovation or demolition activity and provide a description of structures and methods utilized to determine whether asbestos-containing materials are potentially present. In addition, Regulation 11, Rule 2, requires any asbestos-containing material found on a site to be removed prior to demolition or renovation, thereby minimizing the release of airborne asbestos emissions. Thus, projects that comply with the requirements of CARB's ATCM for Construction, Grading, Quarrying, and Surface Mining Operations as well as BAAQMD Regulation 11, Rule 2, would not have a significant air quality impact with respect to asbestos emissions.

[24] Ibid.
[25] Ibid.
[26] Ibid.
[27] Ibid.

Air Pollution and Health and Equity Regulation

California has advanced several policies and regulations to address and center health and equity as part of public planning. Many of these regulations have a nexus with air quality. Senate Bill (SB) 535 recognizes that environmental pollution has had a disproportionate effect on disadvantaged communities and requires these areas be prioritized for emission reduction projects funded by California's cap-and-trade program. Assembly Bill (AB) 1550 expanded funding prioritization from cap-and-trade proceeds to include low-income communities. AB 617 requires the state to monitor and report criteria pollutant and TAC emissions for certain stationary sources. The bill also requires development of a statewide plan to reduce these emissions in communities that experience a high cumulative exposure burden. In response to AB 617, CARB developed the Community Air Protection Program (CAPP), which includes air monitoring and emissions reductions programs, which were initially focused on 10 designated communities throughout California.

Odors

According to the BAAQMD CEQA Guidelines, odor impacts could occur if a project proposes a new odor source near existing receptors.[28] BAAQMD recommends that projects identify the location of planned odor sources and include policies to reduce potential odor impacts on existing receptors. It provides recommended screening distances for siting new receptors near existing odor sources.

Discussion

a. Conflict with or obstruct implementation of the applicable air quality plan? (Less than Significant)

As described under *Regulatory Setting*, the current air quality attainment plan for the SFBAAB is BAAQMD's 2017 Clean Air Plan, which defines control strategies to reduce emissions and ambient concentrations of air pollutants; safeguards public health by reducing exposure to air pollutants that pose the greatest health risk, with an emphasis on protecting the communities most heavily affected by air pollution; and reduces GHG emissions to protect the climate.[29] According to the BAAQMD CEQA Guidelines, the determination of 2017 Clean Air Plan consistency should consider the items below for project-level analyses.[30]

Does the project support the primary goals of the 2017 Clean Air Plan?

The Project includes numerous improvements that would support regional attainment of the CAAQS and NAAQS. Specifically, the Project would use sustainable construction and design methods for the park and education center/event building, including best practices for controlling fugitive dust and exhaust emission as well as passive and active strategies to conserve water and energy. Specifically, the Project would prepare a dust control plan that would include control measures regarding covering, watering, and vehicle requirements, along with measures that call for checking drains after storms, which would reduce emissions of fugitive dust and exhaust.

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[28] Ibid.

[29] BAAQMD. 2017. *Final 2017 Clean Air Plan*. Adopted April 19. Available: https://www.baaqmd.gov/~/media/files/planning-and-research/plans/2017-clean-air-plan/attachment-a_-proposed-final-cap-vol-1-pdf.pdf?la=en. Accessed: December 4, 2024.

[30] BAAQMD. 2023. *California Environmental Quality Act, Air Quality Guidelines*. April. Available: https://www.baaqmd.gov/plans-and-climate/california-environmental-quality-act-ceqa/updated-ceqa-guidelines. Accessed: December 4, 2024.

To conserve water and energy through passive strategies, the Project would implement the following design features:

- Orientation and Siting: The education center/event building's position on the site would maximize natural ventilation and solar access, reducing reliance on mechanical heating and cooling.
- Building Envelope: The education center/event building would be all electric and would use high-performance materials with low embedded energy and high sound insulation properties. The large building overhangs would be designed to shade the building envelope in summer to control heat gain while allowing sunlight to warm the building in winter when the sun angles are low in the sky.
- Natural Ventilation: The education center/event building would employ cross-ventilation strategies and stack ventilation to promote air circulation and minimize the need for mechanical cooling/air conditioning.
- Daylighting: The education center/event building would maximize natural light penetration through strategically placed windows and skylights, reducing reliance on artificial lighting.
- Water Management: The education center/event building's roof would be designed to capture rainwater and internal low-flow plumbing fixtures would reduce potable water use.
- High-Albedo Roof: High-albedo roofing material would reflect sunlight and lower direct heat gain.
- Recycled Materials: The Project Sponsor would require use of materials manufactured with high-level recycled content.

Active conservation strategies could include managing the building temperature by balancing outdoor temperatures with cross-ventilation window openers, installing small-scale wind or solar power generation infrastructure, and using efficient heating, ventilation, and air-conditioning (HVAC) systems. By reducing the Project's energy use, water consumption, and waste generation, these strategies would reduce emissions generated by Project operation, thereby supporting the primary goals of the 2017 Clean Air Plan.

Does the project include all applicable control measures from the 2017 Clean Air Plan?

The Project's consistency with the measures is discussed below for each emissions sector.

Stationary Sources: The stationary-source control measures, which are designed to reduce emissions from stationary sources such as metal fabricating facilities, cement kilns, refineries, and glass furnaces, are incorporated into rules adopted by BAAQMD and then enforced by BAAQMD permit and inspection programs. Because the Project does not propose the operation of any stationary sources, such as emergency generators, the stationary-source control measures from the Clean Air Plan are not applicable to the Project.

Transportation: The 2017 Clean Air Plan recognizes that community design dictates individual travel mode and that a key long-term control strategy to reduce emissions of criteria pollutants, TACs, and GHGs from motor vehicles is to channel future Bay Area growth into vibrant urban communities where goods and services are close at hand and people have a range of viable transportation options. The Project would support the growth of vibrant urban communities in the Bay Area by redeveloping vacant parcels within existing urban growth boundaries with a new public nature and recreation park. Furthermore, as described in Section XVII, *Transportation*, the Project would have a less-than-

significant impact with respect to vehicle miles traveled (VMT). The Project would thus support the 2017 Clean Air Plan efforts to reduce VMT and GHG emissions from passenger cars and light-duty trucks through community design.

Energy: The energy-related measures generally apply to electrical utility providers and local government agencies, not individual projects. The Project would nonetheless support efforts to transition away from fossil-fuel energy sources and toward cleaner fuel sources by being fully electric and exploring integrative systems that incorporate small-scale wind power or solar panels to offset the Project's overall energy needs. The Project would also minimize electricity consumption by incorporating active and passive strategies to conserve energy, as mentioned above.

Buildings: The control measures for this sector focus on working with local governments that have authority over local building codes to facilitate adoption of best management practices (BMPs) and policies related to GHGs. As such, the building control measures of the Clean Air Plan are not applicable to the Project. The Project would nonetheless support efforts to reduce emissions from buildings by implementing both passive and active strategies to reduce water consumption, energy use, and waste generation, as mentioned above.

Waste Management: The Project would comply with the City's Construction and Demolition Recycling Ordinance, incorporated as Chapter 18.17 of the Municipal Code. Moreover, the Project would select building materials manufactured with high levels of recycled content, as mentioned above.

Water: The water control measures apply to publicly owned treatment works and local government agencies, not individual projects. Nevertheless, the Project would comply with the City's policies regarding water conservation in landscaping and indoor water conservation, incorporated as Chapters 18.17 and 18.19 of the Municipal Code, respectively. Moreover, the Project would include low-flow plumbing fixtures to reduce potable water use, and the building roof would be designed to capture rainwater, as mentioned above.

Agriculture and Natural and Working Lands: The agriculture control measures are designed to reduce emissions of methane; the natural and working lands control measures focus on increasing carbon sequestration on rangelands and wetlands. Because the Project would not include any agricultural activities and would not directly disturb rangelands or wetlands, the measures from these categories are not applicable to the Project.

Does the project disrupt or hinder implementation of any 2017 Clean Air Plan control measures?

As described above, the Project would incorporate a variety of sustainable design features to reduce air pollutant emissions associated with transportation, energy, buildings, waste generation, and water usage. As a result, the Project would not disrupt, delay, or otherwise hinder implementation of any applicable control measure from the 2017 Clean Air Plan. Rather, the Project would support and facilitate implementation of the measures.

For these reasons, the Project would not fundamentally conflict with the 2017 Clean Air Plan. This impact would be ***less than significant***.

b. Result in a cumulatively considerable net increase in any criteria pollutant for which the Project region is a nonattainment area for an applicable federal or state ambient air quality standard? (Less than Significant with Mitigation)

Regional Criteria Pollutant and Precursor Emissions

Construction

Construction of the Project would generate ROG, NO_X, PM_{10}, and $PM_{2.5}$ emissions that could result in short-term air quality effects. Construction would start in 2025 and be completed by 2029.[31] The Project is expected to be constructed in four stages, starting with Phase 0 and concluding with Phase 3. Emissions would be released in the form of exhaust from off-road equipment, employee vehicles, vendor trucks, and haul trucks; fugitive dust from site grading and earthmoving; suspended road dust from vehicle travel; and off-gassing from architectural coatings and paving.

Short-term emissions generated by Project construction were calculated using the California Emissions Estimator Model (CalEEMod), version 2022.1, which uses vehicle emission factors from CARB's EMFAC2021, as recommended by BAAQMD and other air districts in California.[32] Modeling was based on default values from CalEEMod, which are generated by the model and based on a project's location and land use type as well as project-specific information, where available, including land use types and sizes; expected construction phase durations; the equipment inventory; demolition and earthwork specifics; the number and length of employee, vendor, and haul truck trips; and the area to be paved.

The quantity of emissions generated on a daily basis would vary, depending on the intensity and types of construction activities occurring simultaneously. Consistent with BAAQMD guidance, average daily emissions have been calculated to assess construction impacts.[33] The average daily criteria air pollutant emissions that would be generated during Project construction are shown in Table 3.3-3. Detailed model assumptions and inputs for the calculations can be found in Appendix A (*Air Quality, Greenhouse Gas, and Health Risk Assessment Modeling Files*).

Table 3.3-3. Average Daily Criteria Pollutant Emissions from Project Construction (pounds per day)

Construction Year	ROG	NO_X	PM_{10} Exhaust	$PM_{2.5}$ Exhaust
2025	3	31	1	1
2026	2	17	1	1
2027	1	7	< 1	< 1
2028	3	12	< 1	< 1
BAAQMD threshold	54	54	82	54
Exceeds threshold?	No	No	No	No

Source: Appendix A.
ROG = reactive organic gas; NO_X = nitrogen oxides; PM_{10} = particulate matter 10 microns or less in diameter; $PM_{2.5}$ = particulate matter 2.5 microns or less in diameter

[31] Modeled emissions were based on a January 2025 start date, but the Project schedule has since been updated to commence in October 2025 and conclude in June 2029. However, because construction phase durations and overlap periods would not change, and because construction equipment generally becomes cleaner over time, this analysis conservatively evaluates the Project's construction emissions.

[32] CAPCOA. 2022. *California Emissions Estimator Model User Guide*. April. Available: https://caleemod.com/documents/user-guide/CalEEMod_User_Guide_v2022.1.pdf. Accessed: December 4, 2024.

[33] BAAQMD. 2023. *California Environmental Quality Act, Air Quality Guidelines*. April. Available: https://www.baaqmd.gov/plans-and-climate/california-environmental-quality-act-ceqa/updated-ceqa-guidelines. Accessed: December 4, 2024.

Notes: Emissions are rounded to the nearest whole number.

As shown in Table 3.3-3, construction of the Project would not generate ROG, NO_X, PM_{10} exhaust, or $PM_{2.5}$ exhaust emissions in excess of BAAQMD's numeric thresholds. Project construction would thus not contribute a significant level of air pollution that would degrade regional air quality within the SFBAAB. As a result, this impact would be ***less than significant***.

Fugitive Dust

Project construction activities would also generate fugitive dust emissions (i.e., $PM_{2.5}$ and PM_{10}). As noted in the BAAQMD CEQA Guidelines, projects implementing the BAAQMD-recommended basic BMPs for construction-related fugitive dust emissions are considered to have a less-than-significant criteria air pollutant impact related to construction-generated fugitive dust emissions.[34] Although the BAAQMD's basic BMPs would sufficiently mitigate fugitive dust mass emissions, project construction would nevertheless result in a potential impact with respect to the incremental $PM_{2.5}$ concentration-based significance threshold.[35] This potential impact is discussed in Impact c, below, and it can be mitigated by strengthening one of the individual BMPs. Instead of watering exposed surfaces two times per day, which is the watering frequency called for by BAAQMD, watering exposed surfaces three times per day would mitigate the potentially significant $PM_{2.5}$ concentration impact. The modified set of BMPs, which require watering three times per day rather than two, are presented below and apply to both the mass emissions impact discussion (Impact b) and concentration-based impact discussion (Impact c). As such, with the inclusion of Mitigation Measure AQ-1, which requires implementation of modified BAAQMD BMPs, the Project's construction-generated fugitive dust emissions would not contribute a significant level of air pollution that would degrade regional air quality within the SFBAAB. This impact would be ***less than significant with mitigation***.

> **Mitigation Measure AQ-1: Require Implementation of Modified Bay Area Air Quality Management District Basic Best Management Practices for Construction-Related Fugitive Dust Emissions.**
>
> The Project Sponsor shall require its contractor(s), as a condition of contracts (e.g., standard specifications), to reduce construction-related fugitive dust emissions by implementing the following modified Bay Area Air Quality Management District basic best management practices.
>
> - All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, unpaved access roads) shall be watered three times per day.[36]
> - All haul trucks transporting soil, sand, or other loose material off-site shall be covered.
> - All visible mud or dirt trackout onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.
> - All vehicle speeds on unpaved roads shall be limited to 15 mph.

[34] Ibid.

[35] This threshold is discussed above under *Particulate Matter.*

[36] This component of the mitigation measure modifies BAAQMD's BMP by increasing the watering frequency from two to three times per day. The increased frequency is necessary to mitigate Impact c but would also apply to Impact b.

- All roadways, driveways, and sidewalks to be paved shall be completed as soon as possible. Building pads shall be laid as soon as possible after grading unless seeding or soil binders are used.
- All excavation, grading, and/or demolition activities shall be suspended when average wind speeds exceed 20 mph.
- All trucks and equipment, including their tires, shall be washed off prior to leaving the site.
- Unpaved roads providing access to sites located 100 feet or more from a paved road shall be treated with a 6- to 12-inch layer of compacted layer of wood chips, mulch, or gravel.
- Publicly visible signs shall be posted with the telephone number and name of the person to contact at the lead agency regarding dust complaints. This person shall respond and take corrective action within 48 hours. The air district's general air pollution complaints number shall also be visible to ensure compliance with applicable regulations.

The Project Sponsor shall submit evidence of compliance to the City prior to grading permit issuance.

Operation

The Project would be fully operational by 2029.[37] Project operation would generate emissions of ROG, NO_X, PM_{10}, and $PM_{2.5}$ that could result in long-term air quality effects during operations. Long-term air pollutant emissions would result from motor vehicles traveling to and from the Project site, operation of landscape maintenance equipment, the use of cleaning supplies, and the periodic reapplication of architectural coatings.

As described above, projects that meet all screening criteria outlined in Sections 4.1.1 and 4.1.2 of the BAAQMD CEQA Guidelines do not need to perform a detailed assessment of criteria air pollutant and precursor emissions. For operational emissions, BAAQMD identifies the following criteria for screening:[38]

- The project size is at or below the applicable operational screening level size.
- Operational activities would not include stationary engines (e.g., backup generators) and industrial sources subject to air district rules and regulations.
- Operational activities would not overlap with construction-related activities.

For projects that include multiple land use types, BAAQMD prepared the *Mixed Land Use Screening Tool for Criteria Pollutants and Precursors*. Because the Project proposes recreational and educational uses, this tool was used to evaluate the Project's consistency with BAAQMD's screening criteria for operational emissions. Given the proposed 10.2 acres of recreational space (i.e., 9.4 acres on land and 0.83 acre in Sanchez Channel), including an 8,600-square-foot education center/event building with approximately 14,000 square feet of roof overhang, and 29 parking spaces, BAAQMD's mixed-use

[37] Emissions were modeled by assuming a full buildout year of 2028, but the Project's construction schedule has since been updated to conclude in June 2029. However, because equipment and vehicles generally become cleaner over time, this analysis conservatively evaluates the Project's operational emissions.

[38] BAAQMD. 2023. *California Environmental Quality Act, Air Quality Guidelines*. April. Available: https://www.baaqmd.gov/plans-and-climate/california-environmental-quality-act-ceqa/updated-ceqa-guidelines. Accessed: December 4, 2024.

screening tool indicates that the Project size is below the applicable operational screening level size.[39] Furthermore, the Project would not include any stationary engines (e.g., backup generators) or industrial sources, and Project operation would not overlap with construction-related activities. The Project therefore satisfies all screening criteria for operational criteria pollutant and precursor emissions, in accordance with BAAQMD guidance. As a result, a detailed assessment of the Project's operational criteria air pollutant and precursor emissions is not required, and Project operation would result in a ***less-than-significant*** impact with respect to criteria air pollutants and precursors.

Health Effects of Regional Criteria Pollutant and Precursor Emissions

As discussed above, BAAQMD's regional thresholds consider existing air quality concentrations and attainment or nonattainment designations under the NAAQS and CAAQS. The NAAQS and CAAQS are informed by a wide range of scientific evidence that demonstrates that there are known safe concentrations of criteria pollutants. Although BAAQMD recognizes that air quality is a cumulative problem, it considers projects that generate criteria pollutant and O_3 precursor emissions that fall below the thresholds to be minor in nature; therefore, such projects would not adversely affect air quality to the extent that the health-protective NAAQS or CAAQS would be exceeded.

As discussed above, Project construction and operation would not generate regional criteria pollutants in excess of the applicable BAAQMD thresholds. Thus, the Project would not be expected to contribute a significant level of air pollution that would degrade air quality within the SFBAAB. As a result, this impact would be ***less than significant***.

Localized Carbon Monoxide Emissions

CO hot spots are typically observed at heavily congested intersections where a substantial number of gasoline-powered vehicles idle for prolonged durations. Peak-hour traffic volumes at major roadways in the vicinity were analyzed to determine whether CO emitted by Project-generated traffic would exceed the BAAQMD screening criteria.

Based on information provided by Hexagon Transportation Consultants, Inc., the Project would not cause a significant increase in traffic and would not have the potential to conflict with the applicable congestion management program. Moreover, the Project would not have the potential to increase maximum traffic volumes to levels that would exceed BAAQMD's recommended screening criteria (i.e., 44,000 vehicles per hour or 24,000 vehicles per hour for areas where vertical and/or horizontal mixing is substantially limited). The Project would not result in conflicts with the applicable congestion management program and would not exceed BAAQMD's screening criteria for evaluating local CO hot spots. As a result, the Project can be assumed not to result in, or contribute to, a localized concentration of CO that would exceed the applicable NAAQS or CAAQS. As a result, this impact would be ***less than significant***.

[39] BAAQMD. 2023. *Mixed Land Use Screening Tool for Criteria Pollutants and Precursors*. Available: https://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/tools/baaqmd-screening-tool_050622_final-xlsm.xlsm?rev=9b1a2d9e625b4c3e991f0f6c06aef706&sc_lang=en. Accessed: November 5, 2024.

c. Expose sensitive receptors to substantial pollutant concentrations? (Less than Significant with Mitigation)

Diesel Particulate Matter (PM_{10}) and Localized $PM_{2.5}$

Construction

The Project would generate diesel PM_{10} exhaust emissions (diesel particulate matter [DPM]), a TAC, and $PM_{2.5}$ emissions during construction. Specifically, Project-related construction activities would generate DPM[40] from off-road diesel equipment and heavy-duty trucks. $PM_{2.5}$ exhaust and fugitive dust emissions would be generated from off-road equipment, on-site soil movement, and on-road travel by heavy-duty trucks and workers' vehicles.

Because the Project would introduce DPM and $PM_{2.5}$ emissions in an area near existing sensitive receptors, an HRA was conducted. The HRA used EPA's most recent air dispersion model, AERMOD (version 23132) and the most recent HRA guidance and calculation methods from BAAQMD's 2022 *CEQA Air Quality Guidelines*, Appendix E, Recommended Methods for Screening and Modeling Local Risks and Hazards.[41] The modeling inputs used in the HRA and modeling results are included in Appendix A. Table 3.3-4 presents the unmitigated incremental increases in health risks for the off-site residential receptors[42] and off-site worker receptors within 1,000 feet of the Project site. The results in Table 3.3-4 reflect implementation of BAAQMD's dust-reducing BMPs exactly as written in the CEQA Guidelines, which are required for a project to have a less than-significant- impact with respect to mass emissions of fugitive dust. Thus, implementation of the BMPs is required regardless of the results of the HRA, and the results shown in Table 3.3-4 are considered to be an unmitigated scenario for the HRA.

Table 3.3-4. Estimated Unmitigated Project-Level Health Risk Results from Construction

Offsite Receptor Type	Cancer Risk (cases per million)[a]	Non-Cancer Chronic Risk	Annual $PM_{2.5}$ Concentrations ($\mu g/m^3$)
Resident	8.16	0.007	0.07
Workers	2.78	0.033	**0.35**
BAAQMD Significance Threshold	10.0	1.0	0.3
Exceeds Threshold?	No	No	**Yes**

Source: See Appendix A for detailed modeling files.

Notes:

$\mu g/m^3$ = micrograms per cubic meter; $PM_{2.5}$ = particulate matter with an aerodynamic diameter of 2.5 or less. Exceedances are bolded.

a. The evaluation of cancer risks in the HRA was based on an exposure duration of 3.38 years for Project construction.

As shown in Table 3.3-4, the unmitigated results would not exceed the health risk thresholds for the cancer risk or non-cancer hazard index; however, Project construction would exceed the annual $PM_{2.5}$ concentration threshold at locations where there are worker receptors. Therefore, impacts would be ***potentially significant***.

40 Per BAAQMD guidance, $PM_{2.5}$ exhaust is used as a surrogate for DPM.

41 BAAQMD. 2023. *California Environmental Quality Act Air Quality Guidelines*. Appendix E, Recommended Methods for Screening and Modeling Local Risks and Hazards. Available: https://www.baaqmd.gov/~/ media/files/planning-and-research/ceqa/ceqa-guidelines-2022/appendix-e-recommended-methods-for-screening-and-modeling-local-risks-and-hazards_final-pdf.pdf?rev=b8917a27345a4a629fc18fc8650951e4&sc_lang=en. Accessed: May 15, 2024.

42 Nearby hotel uses were conservatively modeled as residential uses.

To reduce this impact, implementation of Mitigation Measure AQ-1 would be required. As noted above, Mitigation Measure AQ-1 modifies BAAQMD's BMPs by requiring exposed surfaces to be watered three times daily instead of two times daily. Results for a mitigated scenario, where exposed surfaces are watered three times daily instead of two, are presented in Table 3.3-5.

Table 3.3-5. Estimated Mitigated Project-Level Health Risk Results from Construction

Offsite Receptor Type	Cancer Risk (cases per million)[a]	Non-Cancer Chronic Risk	Annual $PM_{2.5}$ Concentrations ($\mu g/m^3$)
Resident	8.16	0.007	0.06
Workers	2.78	0.033	0.28
BAAQMD Significance Threshold	10.0	1.0	0.3
Exceeds Threshold?	No	No	No

Source: See Appendix A for detailed modeling files.

Notes:

$\mu g/m^3$ = micrograms per cubic meter; $PM_{2.5}$ = particulate matter no more than 2.5 microns in diameter

a. The evaluation of cancer risks in the HRA was based on an exposure duration of 3.38 years for Project construction.

As shown in Table 3.3-5, with implementation of Mitigation Measure AQ-1, the annual $PM_{2.5}$ concentrations at worker receptor locations would be below the threshold. Therefore, with implementation of Mitigation Measure AQ-1, Project-generated construction emissions would not expose sensitive receptors to substantial pollutant concentrations or associated health risks, and this impact would be ***less than significant with mitigation*.**

Operation

As discussed above, the Project would not include any stationary engines (e.g., backup generators) or industrial sources, and Project operation would not overlap with construction-related activities. In addition, a detailed assessment of the Project's operational criteria air pollutant and precursor emissions is not required because the project satisfies all screening criteria, in accordance with BAAQMD guidance. Because the Project satisfies all screening criteria outlined in Sections 4.1.1 and 4.1.2 of the BAAQMD CEQA Guidelines and would not include any stationary sources, Project operations would not expose sensitive receptors to substantial pollutant concentrations or associated health risks, and this impact would be ***less than significant***.

Cumulative Health Risk Assessment

According to the BAAQMD CEQA Guidelines, combined health risk levels should be determined for all TAC sources within 1,000 feet of a project site and compared to BAAQMD's cumulative health risk thresholds.[43]

Nearby existing TAC sources and TACs associated with construction of the Project could contribute to a cumulative health risk for sensitive receptors near the Project site. BAAQMD's inventory of health risk levels from stationary sources was used to estimate the combined levels of health risks from existing stationary

[43] BAAQMD. 2023. *2022 CEQA Guidelines.* California Environmental Quality Act Guidelines, Appendix E, Recommended Methods for Screening and Modeling Local Risks and Hazards. August 8. Available: https://www.baaqmd.gov/plans-and-climate/california-environmental- quality-act-ceqa/updated-ceqa-guidelines. Accessed: May 15, 2024.

sources in combination with the Project.[44] Geographic information system (GIS) raster files provided by BAAQMD were used to estimate roadway and railway emissions.[45] The results of the cumulative impact health risk assessment for off-site residential receptors and worker receptors are summarized in Table 3.3-6 and Table 3.3-7, respectively. Refer to Appendix A, the modeling inputs and results.

As shown in Table 3.3-6 and Table 3.3-7, below, the combined level of health risk from the Project and other local sources of TACs would be less than all BAAQMD-recommended cumulative health risk thresholds prior to incorporation of Mitigation Measure AQ-1. Therefore, the level of health risk associated with TACs emitted by the Project in combination with the health risks associated with other nearby TAC sources would not result in a cumulative local health risk impact for sensitive receptors, and this impact would be ***less than significant.***

Table 3.3-6. Maximum Cumulative Health Risks—Residential

Source	Maximum Affected Residential Receptor		
	Cancer Risk (per million)	**Non-Cancer Chronic Hazard Index[a]**	**Annual $PM_{2.5}$ Concentration ($\mu g/m^3$)**
Existing Sources			
Stationary[a]	43.23	0.03	0.06
Roadway	8.57	0.03	0.29
Rail	3.24	0.001	0.004
Existing Total	**55.04**	**0.061**	**0.354**
Project Construction			
Project Construction (3.38-year exposure)	8.16	0.007	0.07
Existing + Construction (cancer only)	**63.2**	—	—
Existing + Construction (chronic HI/annual $PM_{2.5}$)	—	**0.068**	**0.424**
BAAQMD Cumulative Thresholds	100	10.0	0.8
Exceeds Thresholds?	**No**	**No**	**No**

Source: See Appendix A for detailed modeling files.

Notes:

$\mu g/m^3$ = micrograms per cubic meter; $PM_{2.5}$ = particulate matter with an aerodynamic diameter of 2.5 or less; HI = health index

a. This analysis conservatively assumed the maximum stationary risks apply without taking into account the distance from the affected sensitive receptor.

[44] BAAQMD. 2022. *Health Risk Screening and Modeling*. April 8. Available: https://www.baaqmd.gov/plans-and-climate/california-environmental-quality-act-ceqa/ceqa-tools/health-risk-screening-and-modeling?sc_lang=vi-VN. Accessed: December 4, 2025.

[45] Ibid.

Table 3.3-7. Maximum Cumulative Health Risks—Worker Receptors

Source	Maximum Affected Worker Receptor		
	Cancer Risk (per million)	Non-Cancer Chronic Hazard Index[a]	Annual $PM_{2.5}$ Concentration ($\mu g/m^3$)
Existing Sources			
Stationary[1]	43.23	0.03	0.06
Roadway	6.64	0.02	0.18
Rail	1.71	0.001	0.002
Existing Total	**51.58**	**0.051**	**0.242**
Project Construction			
Project Construction (3.38-year exposure)	2.78	0.033	0.35
Existing + Construction (cancer only)	**54.36**	—	—
Existing + Construction (chronic HI/annual $PM_{2.5}$)	—	**0.084**	**0.592**
BAAQMD Cumulative Thresholds	100	10.0	0.8
Exceeds Thresholds?	**No**	**No**	**No**

Source: See Appendix A for detailed modeling files.

Notes:

$\mu g/m^3$ = micrograms per cubic meter; $PM_{2.5}$ = particulate matter with an aerodynamic diameter of 2.5 or less; HI = health index

a. This analysis conservatively assumed the maximum stationary risks apply without taking into account the distance from the affected sensitive receptor.

Asbestos

Asbestos is a naturally occurring mineral that was previously used in building construction because of its heat resistance and strong insulating properties. Exposure to asbestos, however, has been shown to cause many disabling and fatal diseases, including lung cancer, mesothelioma, and pleural plaques. The potential for naturally occurring asbestos on site is low; however, demolition of the existing hardscape (asphalt and concrete) on the Project site may expose workers and nearby receptors to asbestos if the material was used during construction of the original hardscape. The Project would therefore comply with CARB's ATCM for Construction, Grading, Quarrying, and Surface Mining Operations as well as BAAQMD Regulation 11, Rule 2, Asbestos, Demolition, Renovation, and Manufacturing. Because the Project would be required to control asbestos emissions according to applicable CARB and BAAQMD regulations, receptors would not be exposed to substantial asbestos risks. Impacts associated with asbestos emissions would thus be ***less than significant***.

d. Result in other emissions (such as those leading to odors) that would adversely affect a substantial number of people? (Less than Significant)

Odor impacts could occur if a project proposes a new odor source near existing receptors. The Project site is surrounded by primarily commercial uses; there are many off-site workers within 1,000 feet of the Project site. According to BAAQMD, land uses associated with odor complaints can include wastewater treatment plants, landfills, food manufacturing plants, and other odor-generating facilities, as detailed in Table 5-4 of the BAAQMD CEQA Guidelines.[46]

[46] BAAQMD. 2023. *California Environmental Quality Act, Air Quality Guidelines*. April. Available: https://www.baaqmd.gov/plans-and-climate/california-environmental-quality-act-ceqa/updated-ceqa-guidelines. Accessed: December 4, 2024.

Potential odor emitters during construction activities include diesel exhaust from off-road equipment, asphalt paving, and the use of architectural coatings and consumer products. Odors during operation could result from vehicle exhaust and the reapplication of architectural coatings, but these odors would be limited to areas adjacent to the educational building. Both construction and operational odors would be temporary and would dissipate rapidly with distance.

The Project does not propose any changes that would include odor-generating facilities. Finally, the Project would comply, as applicable, with BAAQMD's Regulation 7, which limits emissions of odorous compounds from all non-exempt entities within BAAQMD jurisdiction. Accordingly, Project construction and operation are not expected to create objectionable odors that would affect a substantial number of people. This impact would be ***less than significant***.

IV. Biological Resources

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
Would the Project:				
a. Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	☐	☒	☐	☐
b. Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	☐	☒	☐	☐
c. Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marshes, vernal pools, coastal wetlands, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☒	☐	☐
d. Interfere substantially with the movement of any native resident or migratory fish or wildlife species, or established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	☐	☒	☐	☐
e. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☒	☐
f. Conflict with the provisions of an adopted habitat conservation plan, natural community conservation plan, or other approved local, regional, or state habitat conservation plan?	☐	☐	☐	☒

Setting

The 10.2-acre Project site includes 9.4 acres of land and approximately 0.83 acre of open-water habitat in San Francisco Bay and Sanchez Creek. The Project site comprises an area created by fill that was placed in former San Francisco Bay habitats in the 1960s. The northern edge of the Project site borders the tidal waters of San Francisco Bay and is subject to considerable erosive force from wind-driven waves. The existing shoreline erosion protection consists of large concrete slabs, with smaller riprap material toward the toe of the slope on the San Francisco Bay side and Sakrete concrete above the concrete slabs at or near the top of bank along Sanchez Creek. The Project site's elevations are above the influence of regular tidal inundation from the Bay. Under current conditions, it is likely that the Project site could flood during a 50-year coastal flood event (i.e., a flood event that has a 2 percent chance of occurrence in any given year).

The Project site is underlain by two soil types: (1) W – Water and (2) 134 – Urban Land-Orthents, reclaimed complex, 0 to 2 percent slopes, which is found in areas that were once part of San Francisco Bay and the adjacent tidal flats. The Urban Land-Orthents soil type includes soils consisting of artificial fill overlying Bay mud.

Methods

Background Review

The analysis in this section is based on the biological resources report prepared by H.T. Harvey on December 3, 2024 (Appendix B, *Biological Resources Report*); the report is based on a desktop review and site survey. Prior to conducting fieldwork, H.T. Harvey & Associates ecologists reviewed Project plans, aerial images,[47] a U.S. Geological Survey (USGS) topographic map, the California Department of Fish and Wildlife's (CDFW's) California Natural Diversity Database (CNDDB),[48] a 2013 wetland delineation report prepared for the property by Monk & Associates,[49] 2015 U.S. Army Corps of Engineers– (USACE-) verified delineation map (SPN File Number 2013-00355S), and other relevant reports, scientific literature, and technical databases. In addition, for plants, H.T. Harvey reviewed all species on current California Native Plant Society (CNPS) California Rare Plant Rank (CRPR) 1–4 lists occurring in the San Mateo, California, 7.5-minute USGS quadrangle and surrounding eight quadrangles (Hunter's Point, San Leandro, Redwood Point, Palo Alto, Half Moon Bay, Woodside, Montara Mountain, and San Francisco South).[50] H.T. Harvey also queried the CNDDB[51] for natural communities of special concern that occur in the Project region.

Field Surveys

Reconnaissance-level biological surveys of the Project site were conducted by H.T. Harvey on May 19 and May 21, 2020, and June 17, 2021.

A jurisdictional determination (JD) and verified delineation map was issued for the Project site by the San Francisco District of USACE on June 15, 2015 (SPN File Number 2013-00355S). An aquatic resources delineation was conducted on January 12, 2021, to confirm that conditions on the Project site had not changed in the 5 years since the original JD was issued. USACE conducted a site visit with H.T. Harvey & Associates on April 13, 2021, to verify the findings of the updated delineation and is currently processing an updated JD.

A tree inventory and assessment were completed by H.T. Harvey on May 21, 2020 (with a follow-up visit in January 2024). All trees with a circumference of 13 inches (diameter at breast height [DBH] of 4 inches or greater) were included in the inventory and assessment. The results of the tree survey are presented in a preliminary arborist report, included in this report as Appendix B.

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47 Google Inc. 2021. *Google Earth* (version 7.3.0.3832). Available: https://earth.google.com.

48 California Department of Fish and Wildlife. 2023. *California Natural Diversity Database*. RareFind 5.0. California Department of Fish and Wildlife. Available: http://www.dfg.ca.gov/biogeodata/nddb/mapsanddata.asp. Accessed: December.

49 Monk & Associates. 2013. *Request for Jurisdictional Determination: Bayview Park Project, City of Burlingame San Mateo County, California.* Submitted to U.S. Army Corps of Engineers, San Francisco Regulatory Division. August.

50 California Native Plant Society. 2024. *Rare Plant Inventory* (online edition, v9.5). Rare Plant Program. Available: https://www.rareplants.cnps.org.

51 California Department of Fish and Wildlife. 2025. *California Natural Diversity Database*. Special Animals List. January. California Department of Fish and Wildlife. Sacramento, CA.

A preliminary eelgrass survey and analysis was overseen by Merkel & Associates, Inc., in April and May 2021. These surveys were conducted in conformance with the California Eelgrass Mitigation Policy (CEMP)[52] and covered a 45-meter (148-foot) buffer surrounding the Project site. The results of the eelgrass survey are presented in Appendix B.

Land Cover Types

During the field surveys, four land cover types were identified in the Project site: ruderal grassland (5.88 acres), seasonal wetland (0.40 acre), open water (3.50 acres), and developed/landscaping (3.04 acres). Each of these land cover types is described below. Of these, the seasonal wetland and open-water types would be considered sensitive habitats, along with waters of the United States and waters of the State. Additional details for each land cover type are included in Appendix B.

Ruderal Grassland

Ruderal grassland is characterized by non-native upland grass and herbaceous forb species. There is very low cover from any native species in this grassland type. In a few locations, the ruderal grassland habitat type also includes individual trees and scattered shrubs. The ruderal grassland habitat did not appear to be regularly mowed or maintained (prior to SPHERE taking over management); however, this habitat is degraded by trash deposition and encampments of unhoused people. In the summer of 2020, a fire on the Project site burned about half of the ruderal grassland habitat before being extinguished.

Grasslands can be used as foraging, burrowing, and nesting locations by some species. Although the extent of grassland within the Project site is too limited to support many bird species associated with extensive grasslands, red-winged blackbirds (*Agelaius phoeniceus*) breed in dense grassland habitats, and more than 50 birds and a small number of fledglings were observed during earlier Project site visits within the breeding season. Birds observed foraging in or otherwise occupying the grasslands within the Project site during the reconnaissance survey included mourning doves (*Zenaida macroura*), California towhees (*Melozone crissalis*), and house finches (*Haemorhous mexicanus*). Small mammals can often be abundant in ruderal grasslands, and several small mammal runways (clear pathways in the grass) were scattered throughout the grassland. In addition, two small burrows were observed along the north and east perimeters of the Project site. The runways and burrows appeared to be from a California ground squirrel (*Spermophilus beecheyi*), but no individuals of this species were observed during the reconnaissance survey. Although the grassland area supports an abundance of weedy plant species, native insects frequently forage on both native and non-native flowering plants in ruderal grasslands, and yellow-faced bumble bees (*Bombus vosnesenskii*), solitary bees, and western tiger swallowtail butterflies (*Papilio rutulus*) were observed foraging among the blackberry, gumweed (*Grindelia camporum*), and fennel during the reconnaissance survey.

Seasonal Wetland

Seasonal wetland habitat occurs in the shallow depressions spread across the Project site from the northwest corner to the southeast corner but primarily in the north-central portion. These depressions range in size from 10 square feet to more than 5,600 square feet. The hydrology supporting the seasonal wetlands is associated with the brief, shallow (less than 6 inches deep) inundation that occurs periodically in winter months following precipitation events. The wetlands support primarily non-native or invasive plant species. Similar to the ruderal grassland habitat, all seasonal wetlands on the Project site are affected

[52] National Marine Fisheries Service. 2014. *California Eelgrass Mitigation Policy and Implementing Guidelines.* West Coast Region. October.

to a greater or lesser degree by trash deposition and/or encampments of unhoused people. Overall, the habitat quality of these seasonal wetlands is considered low due to the limited duration of inundation, the lack of connection to a larger watershed, and the dominance of non-native species.

Seasonal wetlands on the Project site provide only marginal habitat for wetland-associated wildlife species due to their highly disturbed nature, limited extent, and limited depth and duration of ponding, if supported at all. Thus, wildlife diversity is expected to be low. No amphibians are expected to use these wetlands because they do not provide suitable breeding habitat and the Project site is isolated by salt water and intensive development from potential source populations of amphibians. The wetlands do not pond deeply or long enough to provide suitable habitat for waterbirds, such as ducks or shorebirds, and no individuals of those species have been observed using seasonal wetlands on the Project site during surveys. When this habitat is dry, it is functionally similar to the adjacent ruderal grasslands from the perspective of wildlife use. Thus, many of the same bird species, small mammals, and pollinators described in the developed/landscaped and ruderal annual grassland land cover types may forage in the seasonal wetlands, such as the dark-eyed junco, California towhee, California ground squirrel, and bumble bees.

Open Water

Open-water habitat occurs within the Project site bayward of the existing concrete rubble shoreline protection and in Sanchez Creek. The northern edge of the Project site borders the tidal waters of San Francisco Bay, while the eastern boundary consists of Sanchez Creek, a tidal channel that is connected to a tidal lagoon located south and southwest of the Project site. The boundaries of the open-water land cover type were identified as the limits of the high-tide line (HTL), which roughly corresponds with a tidal elevation of 8.4 feet (NAVD88). The concrete rubble shorelines along the Bay edge and Sanchez Creek intertidal zones on the Project site are subjected to daily tidal fluctuations; the shorelines have functional similarly to natural rocky habitats and support mats of brown, green, and red macro algae. The concrete rubble shoreline protection slopes downward at a steep angle to a shallow, mostly subtidal mudflat. Along the Bay edge, the mudflat is exposed only at the lowest daily tides a few times a month; along Sanchez Creek, mudflats are less frequently exposed. No eelgrass beds, which provide important wildlife and fish habitat, were observed during the 2021 eelgrass survey of the Project site.

Open waters surrounding the Project site support a variety of fish, waterbirds, and marine mammals. Fish that may occur as occasional foragers in open waters of the San Francisco Bay and Sanchez Creek include bat ray (*Myliobatis californica*), Pacific herring (*Clupea pallasi*), threespine stickleback (*Gasterosteus aculeatus*), and starry flounder (*Platichthys stellatus*). Central California coast steelhead (*Oncorhynchus mykiss*) and Central Valley fall-run Chinook salmon (*Oncorhynchus tshawytscha*) may occur as infrequent migrants while foraging in these waters. Northern anchovy (*Engraulis mordax*) and topsmelt (*Atherinops affinis*) are also uncommon visitors that may forage infrequently in the area. Non-breeding resident and winter-visitor waterbirds that frequently forage for fish and marine invertebrates in Bay waters adjacent to the Project site, as well as Sanchez Creek, include surf scoter (*Melanitta perspicillata*), western gull (*Larus occidentalis*), Caspian tern (*Hydroprogne caspia*), bufflehead (*Bucephala albeola*), mallard (*Anas platyrhynchos*), and Clark's grebe (*Aechmophorus clarkii*), the latter of which was observed during the reconnaissance survey. Though no haul-out sites for marine mammals are known in the Project vicinity, Pacific harbor seals (*Phoca vitulina richardii*) and California sea lions (*Zalophus californianus*) occasionally forage in Bay waters near the Project site.

Artificial substrates, such as the riprap and concrete debris in the intertidal zone, support mussels, clams, anemones, and oysters.[53] Low densities of bivalve mollusks were observed along the concrete shoreline; these included primarily native Olympia oysters (*Ostrea lurida*) and mussels (*Mytilus* spp.). High densities of barnacles (*Chthamalus* spp.) were also observed during the reconnaissance site visit; most were attached to the concrete shoreline. Other species, such as crabs and fish species, may also live on or under the substrate. Pacific herring were found in open waters within the Bay; they spawn in the intertidal and subtidal zone but have the potential to spawn at the riprap shoreline on the Project site. Waterbirds such as black oystercatcher (*Haematopus bachmani*), surfbird (*Aphriza virgata*), and ruddy turnstone (*Arenaria interpres*) may be occasional visitors, foraging on invertebrates associated with this shoreline habitat, but they are not expected to breed here.

Mudflats are an important habitat because they support a vast array of crustaceans, worms, and other invertebrates that are important food sources for resident and migratory shorebirds. Shorebirds such as the western sandpiper (*Calidris mauri*), least sandpiper (*Calidris minutilla*), dunlin (*Calidris alpina*), marbled godwit (*Limosa fedora*), short-billed dowitcher (*Limnodromus griseus*), and black-bellied plover (*Pluvialis squatarola*) may occasionally forage on these mudflats when they are exposed. Such shorebirds are most abundant during fall and spring migration and during the winter non-breeding season. Due to the limited extent of mudflat habitat immediately adjacent to the Project site, few shorebirds are attracted to the Project site under existing conditions; however, one greater yellowlegs (*Tringa melanoleuca*) was observed during the reconnaissance site visit.

Developed/Landscaped

The developed/landscaped land cover type surrounds the ruderal grassland habitat and includes the areas of existing pavement and/or gravel occurring outside the fenced-off main portion of the property, along with the hedgerow of ornamental trees planted around the perimeter of the Project site. The paved and/or gravel areas are largely devoid of vegetation and include only occasional ornamental plantings of non-native trees and shrubs along the southern perimeter.

Areas of pavement and gravel that are devoid of vegetation do not provide high-quality wildlife habitat; however, lizards, such as the western fence lizard (*Sceloporus occidentalis*), may bask on these surfaces. Furthermore, a wide variety of wildlife species cross or move along the roads and trails while en route to other habitats. The other wildlife species most often associated with developed/landscaped areas are those that are tolerant of periodic human disturbances, including introduced species such as the European starling (*Sturnus vulgaris*), rock pigeon (*Columba livia*), house mouse (*Mus musculus*), Norway rat (*Rattus norvegicus*), and black rat (*Rattus rattus*). Numerous common, native species are also able to use these habitats for nesting and roosting, especially around the ornamental trees. These include a variety of birds, such as the American crow (*Corvus brachyrhynchos*), Anna's hummingbird (*Calypte anna*), Bewick's wren (*Thryomanes bewickii*), dark-eyed juncos (*Junco hyemalis*), and California scrub-jay (*Aphelocoma californica*), all of which were observed on the Project site during the reconnaissance survey. Killdeer (*Charadrius vociferus*) also occur frequently in developed habitats and may nest in the gravel areas on the north and south sides of the Project site; they would be less likely to do so along the eastern pathway, which is subject to frequent pedestrian foot traffic. An examination of the trees on the Project site failed to find any large

[53] California State Coastal Conservancy and Ocean Protection Council, NOAA National Marine Fisheries Service and Restoration Center, San Francisco Bay Conservation and Development Commission, and San Francisco Estuary Partnership. 2010. *San Francisco Bay Subtidal Habitat Goals Report—Conservation Planning for the Submerged Areas of the Bay.*

cavities that might provide suitable bat roosting habitat. Therefore, large roosting or maternity colonies of bats are not expected to occur on the Project site. Similarly, a focused survey of trees around the Project site detected no evidence (i.e., old nests) of raptors having previously nested on the Project site. Native striped skunk (*Mephitis mephitis*) sometimes occupy developed or ruderal habitats near the Bay and may occur on the Project site, based on the presence of one potential burrow.

Wetlands and Waters of the United States/Waters of the State

State of California (State) and federally protected waters and wetlands surround the site as the open-water and subtidal habitat of San Francisco Bay and Sanchez Creek; 0.40 acre of seasonal wetland habitat is present in the uplands on the Project site. USACE has claimed jurisdiction over waters of San Francisco Bay and Sanchez Creek below the HTL under Section 404 of the Clean Water Act (CWA). In addition, USACE's existing preliminary JD considers the seasonal wetlands to be three-parameter wetlands that are subject to jurisdiction under Section 404 of the CWA. The open waters of San Francisco Bay and Sanchez Creek, as well as the seasonal wetlands, would also be considered State protected waters and wetlands by the Regional Water Quality Control Board (RWQCB) and protected under the Porter-Cologne Water Quality Control Act (Porter-Cologne Act) and Section 401 of the CWA. The open waters of Sanchez Creek, up to the top of bank, are expected to be regulated by CDFW under California Fish and Game Code (CFGC) Section 1603 by virtue of being the downstream continuation of a stream conveying freshwater from the upslope watershed to the west.

Invasive Plant Species

The majority of the species observed throughout the ruderal grassland and within the seasonal wetlands on the Project site are non-native plant species; many are listed as invasive species by the California Invasive Plant Council (Cal-IPC).[54] The discussion that follows categorizes the subset of non-native plant species that occur on the Project site that have been rated by the Cal-IPC as limited, moderate, or highly invasive.

Bristly ox-tongue (*Helminthotheca echioides*), wild radish (*Raphanus sativus*), blackwood acacia (*Acacia melanoxylon*), California burclover (*Medicago polymorpha*), rose clover (*Trifolium hirtum*), olive tree (*Olea europaea*), ribwort plantain (*Plantago lanceolata*), rabbitsfoot grass (*Polypogon monspeliensis*), smilo grass (*Stipa miliacea*), and curly dock (*Rumex crispus*) are rated as "limited" by the Cal-IPC (2024). Fennel (*Foeniculum vulgare*), Italian thistle (*Carduus pycnocephalus*), stinkwort (*Dittrichia graveolens*), slender oat (*Avena barbata*), wild oats (*Avena fatua*), ripgut brome (*Bromus diandrus*), Bermuda grass (*Cynodon dactylon*), Italian rye grass (*Festuca perennis*), foxtail barley (*Hordeum murinum*), Harding grass (*Phalaris aquatica*), and Ngaio (*Myoporum laetum*) also occur in the Project site and are rated as moderately invasive; thus they can cause substantial ecological impacts on physical processes, plant and animal communities, and vegetation structure.[55] Broadleaved pepperweed (*Lepidium latifolium*), Scotch broom (*Cytisus scoparius*), French broom (*Genista monspessulana*), pampasgrass (*Cortaderia elloana*), and Himalayan blackberry (*Rubus armeniacus*) are rated as highly invasive by Cal-IPC and, thus, may also cause significant ecological impacts.[56]

[54] California Invasive Plant Council. 2024. *The Cal-IPC Inventory*. Available: http://www.cal-ipc.org/plants/inventory.

[55] Ibid.

[56] Ibid.

Protected Trees

Essential Fish Habitat

Essential fish habitat (EFH) is essential to the long-term survival and health of a fishery. It includes those habitats that support all life stages as well as habitats that support breeding, spawning, feeding, and growth to maturity of a managed species. All intertidal habitats on the Project site up to the elevation of mean higher high water (6.84 feet, NAVD88) are considered to be EFH for a number of species that are federally managed under one or more of the following three fish management plans (FMPs):

- Coastal Pelagic FMP – northern anchovy, Pacific sardine (*Sardinops sagax*), mackerel, squid
- Pacific Groundfish FMP – various rockfish, sole, and sharks
- Pacific Salmon FMP – Chinook salmon

Of the 89 species federally managed under the three plans, 13 species are expected to occur in the South-Central Bay (i.e., from the Bay Bridge south to the San Mateo Bridge), based on the National Marine Fisheries Service (NMFS) evaluation of FMP species distributions in San Francisco, San Pablo, and Suisun Bays.[57] These are the northern anchovy and Pacific sardine of the Coastal Pelagic FMP; leopard shark (*Triakis semifasciata*), soupfin shark (*Galeorhinus galeus*), spiny dogfish (*Squalus acanthias*), big skate (*Raja binoculata*), lingcod (*Ophiodon elongatus*), brown rockfish (*Sebastes auriculatus*), English sole (*Parophrys vetulus*), sand sole (*Psettichthys melanostictus*), starry flounder, cabezon (*Scorpaenichthys marmoratus*) of the Pacific Groundfish FMP; and Chinook salmon of the Pacific Coast Salmon FMP. These species may occasionally migrate or forage in the intertidal and open-water habitats adjacent to the Project site; however, nursery habitat for these species is not present in these areas. In addition, all areas of San Francisco Bay that support beds of Olympia oyster are also considered EFH because they improve water quality and increase fish abundance. Because the Project would modify portions of the intertidal habitat along the north and east sides of the Project site, consultation with NMFS regarding potential Project effects on EFH would be required.

Special-Status Species

For purposes of this analysis, "special-status" species are:

- Species listed or proposed for listing as threatened or endangered under the Endangered Species Act (ESA) (50 Code of Federal Regulations [CFR] 17.12 [listed plants], 50 CFR 17.11 [listed animals], and various notices in the *Federal Register* [proposed species]).
- Species that are candidates for possible future listing as threatened or endangered under the ESA (88 FR 41560, June 27, 2023).
- Species listed or proposed for listing by the State of California as threatened or endangered under the California Endangered Species Act (CESA) (California Code of Regulations [CCR], Title 14, Section 670.5).
- Animals fully protected in California (CFGC Section 3511 [birds], 4700 [mammals], 5050 [amphibians and reptiles], and 5515 [fish]).
- Animal species of special concern identified on the Special Animals List by CDFW (CNDDB 2025).

[57] National Marine Fisheries Service. 2013. *Fisheries Management Plan Species Distributions in San Francisco, San Pablo and Suisun Bays*. Available: http://swr.ucsd.edu/hcd/loclist.htm.

- Species that meet the definitions of rare or endangered under CEQA Guidelines Section 15380.
- Plants listed as rare under the California Native Plant Protection Act (CFGC Section 1900 et seq.).
- Plants with a CRPR of 1 or 2, which are plants considered by CDFW and CNPS to be "rare, threatened, or endangered in California."[58]
- Plants with a CRPR of 3 or 4, which are plants about which more information is needed to determine their status or plants of limited distribution; may be included as special-status species on the basis of local significance or recent biological information.

Special-Status Plants

CNPS[59] and CNDDB[60] data identify 102 special-status plant species as potentially occurring in at least one of the nine USGS quadrangles containing or surrounding the Project site with respect to CRPR 1 or 2 species or Santa Mateo County with respect to CRPR 3 and 4 species. All 102 of the potentially occurring special-status plant species were determined to be absent from the Project site for at least one of the following reasons: (1) lack of suitable habitat types; (2) absence of specific microhabitat or edaphic requirements, such as serpentine soils; (3) the elevation range of the species, which is outside the range on the Project site; and/or (4) the species is considered extirpated. Table 2 of the biological resources report (Appendix B), below, lists the species that would be included as special-status plants (i.e., State and federally listed species and unlisted CRPR 1B or 2B species). Within 2 miles of the Project site, two species are found in the CNDDB with two records each, Hillsborough chocolate lily (*Fritillaria biflora* var. *ineziana*), a CRPR 1B.1 species, and Franciscan onion (*Allium peninsulare* var. *fanciscanum*), a CRPR 1B.2 species. One occurrence of Hillsborough chocolate lily was recently observed in serpentine bunchgrass habitat, which is not present on the Project site. Franciscan onion occurs in woodland and grassland habitats, often on serpentine soils, which are not present on the Project site. The other occurrence of the lily and both occurrences of Franciscan onion are historic observations from the late 19th and early 20th century. The lily blooms in March and April, and the onion blooms from April to June. Neither was observed during surveys of the Project site, although the May and June surveys were too late in the season for the lily's blooming period.

The entirety of the Project site consists of fill placement on former Bay habitats; therefore, the habitats present represent recently created novel habitats. Given the degree of development surrounding the Project site, there would not have been opportunities for special-status plants to colonize the site. The existing shoreline within the Project site is not considered suitable habitat because it comprises riprap along a levee, with no suitable substrate for the growth of special-status plants. The seasonal wetlands on the Project site are dominated by non-native invasive species and subject to frequent disturbance, which further diminishes their suitability as habitat for special-status plant species. Therefore, because the entire Project site is located on non-native fill, combined with the level of disturbance on and surrounding the Project site and the lack of any habitat dominated by native species, special-status plant species were determined to be absent from the Project site.

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58 California Native Plant Society. 2024. *Rare Plant Inventory* (online edition, v9.5). Rare Plant Program. Available: https://www.rareplants.cnps.org.

59 Ibid.

60 California Department of Fish and Wildlife. 2023. *California Natural Diversity Database*. RareFind 5.0. California Department of Fish and Wildlife. Available: http://www.dfg.ca.gov/biogeodata/nddb/mapsanddata.asp. Accessed: December.

Special-Status Animals

The legal status and likelihood of occurrence for special-status animal species that are known to occur on the Project site or in the Project region are listed in Table 3 of the biological resources report (Appendix B). Most of the special-status species listed in the table are not expected to occur on the Project site because it lacks suitable habitat, is outside the known range of the species, and/or is isolated from the nearest known extant populations by development or otherwise unsuitable habitat. Animal species not expected to occur on the Project site for these reasons include Bay checkerspot butterfly (*Euphydryas editha bayensis*), mission blue butterfly (*Icaricia icarioides missionensis*), San Bruno elfin butterfly (*Callophrys mossii bayensis*), Callippe silverspot butterfly (*Speyeria callippe callippe*), Myrtle's silverspot butterfly (*Speyeria zerene myrtleae*), western bumble bee (*Bombus occidentalis occidentalis*), Crotch bumble bee (*Bombus crotchii*), California red-legged frog (*Rana draytonii*), San Francisco garter snake (*Thamnophis sirtalis tetrataenia*), western snowy plover (*Charadrius alexandrinus nivosus*), California Ridgway's rail (*Rallus obsoletus obsoletus*), California black rail (*Laterallus jamaicensis coturniculus*), salt marsh harvest mouse (*Reithrodontomys raviventris*), long-eared owl (*Asio otsu*), pallid bat (*Antrozous pallidus*), Townsend's big-eared bat (*Corynorhinus townsendii*), San Francisco dusky-footed woodrat (*Neotoma fuscipes annectens*), salt marsh wandering shrew (*Sorex vagrans halicoetes*), and western pond turtle (*Emys pallida*).

A number of special-status bird species can occasionally occur in the Project site as nonbreeding foragers (i.e., they do not nest on the Project site). These are the California least tern (*Sternula antillarum browni*), tricolored blackbird (*Agelaius tricolor*), northern harrier (*Circus cyaneus*), burrowing owl (*Athene cunicularia*), Vaux's swift (*Chaetura vauxi*), olive-sided flycatcher (*Contopus cooperi*), San Francisco common yellowthroat (*Geothlypis trichas sinuosa*), yellow warbler (*Setophaga petechia*), Alameda song sparrow (*Melospiza melodia pusillula*), Bryant's savannah sparrow (*Passerculus sandwichensis alaudinus*), western red bat (*Lasiurus blossevillii*), peregrine falcon (*Falco peregrinus anatum*), white-tailed kite (*Elanus leucurus*), and California brown pelican (*Pelecanus occidentalis californicus*). None of these species are expected to occur regularly or in large numbers on the Project site.

No suitable aquatic habitat that would support special-status fish and marine mammal species is present in the terrestrial portions of the Project site. However, the open waters of San Francisco Bay and Sanchez Creek immediately adjacent to the Project site (e.g., within areas where Project activities would occur within tidal waters) provide potential foraging habitat for Central California coast steelhead, green sturgeon (*Acipenser medirostris*), longfin smelt (*Spirinchus thaleichthys*), Pacific lamprey (*Entosphenus tridentatus*), Central Valley fall-run Chinook salmon, California sea lion, and Pacific harbor seal. San Francisco Bay is also designated as critical habitat for Central California coast steelhead (70 FR 52488, September 2, 2005), the southern distinct population segment [DPS] of North American green sturgeon (74 FR 52299, October 9, 2009), and EFH for coastal pelagic, Pacific groundfish, and Pacific salmon fisheries.

Monarch butterfly is not known to breed or overwinter on the Project site or in the vicinity, but it could occasionally forage in the area and roost in the trees on-site during fall and spring migration. Pacific herring spawn within 1 mile of the site at Coyote Point and elsewhere in San Francisco Bay;[61] potentially suitable spawning habitat is present on concrete debris on the northern and eastern perimeters of the Project site. Olympia oyster (*Ostrea lurida*) occurs throughout San Francisco Bay, and potentially suitable habitat is present in the concrete debris shoreline habitat on the northern and eastern portions of the Project site.

[61] California Department of Fish and Wildlife. 2019. *2018–2019 Summary of the Pacific Herring Spawning Population and Commercial Fisheries in San Francisco Bay.*

Discussion

a. Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service? (Less than Significant with Mitigation)

Impacts on Special-Status Plants

As discussed above, no special-status plant species are expected to occur within the Project site. As a result, no effects on special-status plants are expected to occur from construction of the Project. There would be ***no impact***.

Wildlife

Impacts on Monarch Butterfly

Monarch butterflies are not known to form roost aggregations along the San Francisco Bay shoreline in San Mateo County, and there is no expectation that such roosts will form in the future on or near the Project site. Further, this species is not expected to breed on the Project site due to the absence of milkweed, its larval host plant. Rather, monarch butterflies are expected to occur on the site only as occasional visitors during migration. Project construction and operation are not expected to result in injury or mortality for monarchs or the loss of any important foraging habitat for migrant individuals. The impact on monarch butterfly would be ***less than significant***.

Impacts on Nonbreeding Special-Status Birds

Several special-status bird species occur on the Project site as nonbreeding migrants, transients, or foragers, but they are not known or expected to breed or occur in large numbers within or near the Project site. These are the California least tern, tricolored blackbird, northern harrier, burrowing owl, Vaux's swift, olive-sided flycatcher, San Francisco common yellow-throat, yellow warbler, Alameda song sparrow, Bryant's savannah sparrow, and white-tailed kite. California least tern (a federal and State endangered and fully protected species) nests primarily in Alameda County; no suitable nesting habitat is present on or near the site. This species may forage over the open waters adjacent to the Project site. The tricolored blackbird (a State threatened species) is not expected to occur on the Project site as a breeder due to the absence of suitable breeding habitat, but individuals may occur occasionally as foragers during the non-breeding season. Burrowing owl (a California species of special concern and candidate for listing under CESA) is not expected to breed on the site due to the lack of suitable burrowing habitat but may infrequently occur as a non-breeding migrant. Vaux's swift and olive-sided flycatcher (both California species of special concern) breed in forested habitats, which are not present on the Project site. However, they may occur as migrants. Other avian California species of special concern, including northern harrier, San Francisco common yellowthroat, Alameda song sparrow, Bryant's savannah sparrow, and yellow warbler, breed in or near wetland or riparian habitats. No suitable breeding habitat for these species is present on the site, but the species may occur on the Project site as nonbreeding visitors. White-tailed kite (State fully protected species) nests in shrubs and trees near open grassland habitats. The species may also occasionally occur on the site as a nonbreeding visitor but would not nest on the site.

Project activities would result in some loss or disturbance of foraging habitsats and could disturb foraging or roosting individuals. Construction activities might result in a temporary direct impact through the alteration of foraging patterns (e.g., avoidance of work sites because of increased noise and activity levels during Project

construction) but would not result in a loss of individuals because they would be expected to fly away from construction areas or equipment before they could be injured or killed. Further, the Project site does not provide important foraging habitat that is used regularly by large numbers of individuals of any of these species. As a result, the Project would have very little impact on the species' regionally available foraging habitat and no substantive impact on regional populations of the species. Rather, the Project may improve habitat for some of the species through restoration of natural habitat. It is possible that Alameda song sparrow, San Francisco common yellowthroat, and Bryant's savannah sparrow could even breed on the Project site after the Project is implemented. It is also possible that marsh birds such as the California Ridgway's rail and California black rail could occur on the Project site after tidal marsh restoration occurs. However, the extent of the restored tidal marsh would not be able to provide nesting habitat for either of those two species; rather, if those species occur at all after tidal marsh restoration, they would occur as infrequent visitors during dispersal, primarily outside the breeding season. Implementation of Mitigation Measure BIO-1 would reduce potential construction-related effects on non-breeding special-status birds. The impact would be ***less than significant with mitigation***.

Mitigation Measure BIO-1: Conduct Environmental Resources Worker Awareness Training

All field management and construction personnel shall be trained by a qualified biologist experienced in construction monitoring on the importance of protecting sensitive natural resources (e.g., special-status fish, birds, and marine mammals and designated critical and/or suitable habitats for these species, including EFH) prior to any ground-disturbing activity. Preconstruction training shall be conducted so that construction personnel are aware of their responsibilities and the importance of compliance. All trainees shall be required to sign a sheet, indicating their attendance and completion of environmental training. Construction personnel shall be educated on the types of sensitive resources in the Project area and the measures required to avoid and minimize impacts on these resources. Materials covered in the training program shall include environmental rules and regulations, as well as specific site requirements to limit activities to approved work areas; timing restrictions; and avoidance of sensitive resource areas. In general, the training shall include the following components:

- A review of the special-status birds, fish, and marine mammals and sensitive habitats that could be found in work areas, including known nests or bat roosts, if present.
    - Measures to avoid or minimize impacts on special-status birds, bats, fish, and marine mammals, their habitats, and EFH.
- A review of all conditions and requirements of environmental permits, reports, and plans (e.g., USACE permits).
    - Consequences for violations of the laws and regulations protecting resources.
- Boundaries of the work area.
    - Exclusion and construction fencing methods and staking methods to protect resources.
- Roles and responsibilities, including an explanation regarding the authority of biological monitors to stop work, as required by permits and/or Project approvals.
    - What to do when special-status fish or wildlife, or plants, are encountered (including dead, injured, stressed, or entrapped individuals) in work areas.

Impacts on Nonbreeding Western Red Bat

The western red bat (a California species of special concern) usually roosts in the foliage of trees (Pierson et al. 2006). Day and night roosts are often located along the edges of riparian areas, near streams, grasslands, and even urban areas. During the breeding season, western red bats establish individual tree roosts and occasionally small maternity colonies in riparian habitats (Zeiner et al. 1990). Western red bats do not breed in San Mateo County but may occasionally be present on the Project site as a migrant or winter resident. Unlike most birds, bats experience daily bouts of torpor to save energy during seasonally cool periods. As a result, torpid bats cannot immediately fly away when disturbed; they typically require upwards of 40 minutes to arouse and flee. Therefore, there is some potential for tree removal to injure or kill individual red bats. Although little is known about the habitat use of western red bats during the nonbreeding season,[62] western red bats are uncommon, and few individuals would be expected to be affected by Project construction. Implementation of Mitigation Measure BIO-1 and BIO-2 would reduce potential construction-related effects on western red bat. The impact would be ***less than significant with mitigation***.

Mitigation Measure BIO-2: Minimize Impacts on Western Red Bat

- Prior to tree trimming or removal, the Project proponent shall retain a qualified biologist to conduct pre-construction surveys for western red bat. Prior to initiating tree trimming or removal, a qualified biologist shall examine the trees to be removed or trimmed to identify suitable bat roosting habitat. Because of the limited timeframe for tree removal for bats (September 15 to October 31), the tree habitat assessment should be conducted early enough to provide information to inform tree removal planning. The biologists shall identify high-quality habitat features (e.g., large tree cavities, basal hollows, loose or peeling bark, larger snags), and the area around these features shall be searched for bats and indications of bat use. If the tree can be adequately assessed and no habitat for roosting bats is present, no further actions are necessary and tree removal or trimming may commence. Because signs of bat use are not easily found, and trees cannot be completely surveyed for bat roosts, the Project proponent shall implement protective measures for trees containing potential roosting habitat. Trimming and removal of trees with suitable roosting habitat shall be conducted between September 15 and October 31, which corresponds to a time period when bats would not be likely to have entered winter hibernation and would not be caring for flightless young. The trimming and removal of trees shall be monitored by a qualified biologist. Trees shall be removed in pieces rather than felling the entire tree. If weather conditions remain conducive to regular bat activity beyond October 31, later tree removal may be considered in consultation with CDFW.

Fish and Aquatic Resources

Impacts on Special-Status Fish, Designated Critical Habitat, EFH, and Marine Mammals during In-Water Work

In-water construction may result in direct physical injury or mortality to fish from activities, including pile driving, coffer dam installation, and coffer dam dewatering (i.e., fish stranding or entrainment into pumps used during dewatering). Installation of piles or placement of riprap (i.e., for the northwestern shoreline repairs) could result in fish being crushed, although that risk would be expected to be low, based

[62] Pierson, E. D., W. E. Rainey, and C. Corben. 2006. *Distribution and Status of Western Red Bats* (Lasiurus blossevillii) *in California.* California Department of Fish and Game, Habitat Conservation Branch. Species Conservation and Recovery Program Report 2006-04.

on the limited spatial extent of the work and the high probability of fish avoiding such activities. Displacement of fish away from habitat near construction activities seems the most likely adverse effect. Fish and other aquatic species may also be injured or killed due to acoustic effects associated with impact pile driving; this potential impact is further described below. Fish entrapped in construction areas enclosed by turbidity curtains and coffer dams that are subsequently dewatered would die without fish rescue activities, although the number of fish being trapped in such areas would be low relative to the number of fish throughout the species' range. Fish that are rescued from coffer dams prior to or during dewatering could be injured and killed during rescue activities or as a result of handling. Mitigation Measures BIO-3, BIO-4, BIO-5, and BIO-6 would avoid or minimize the potential for direct physical injury and mortality for fish. Implementation of these mitigation measures would ensure the protection of State and federally listed fish and other special-status fish species by restricting in-water construction to periods when special-status fish are absent or their abundance is relatively low; moving fish away from areas where they could be harmed; rescuing stranded fish in coffer dams by following standard fish herding, collecting, handling, and relocation protocols; and requiring that pumps used to dewatered coffer dams be screened according to CDFW and NMFS screening guidelines for pumps. Therefore, this impact is ***less than significant with mitigation***.

Mitigation Measure BIO-3: Seasonal Restrictions

In-water work shall be avoided during the seasonal period when juvenile salmonids are moving through the estuary on their way to the ocean or when groundfish and prey species could be directly affected. Because steelhead are potentially present, in-water work shall be conducted between June 1 and November 30, based on the standard work windows for steelhead and Pacific herring. All in-water construction, including installation of turbidity curtains, sheet piles/coffer dams, and steel pipe piles, shall occur during this window. Construction will be limited to daylight hours only. If completion of in-water work within this period is not feasible due to scheduling issues, new timing guidelines shall be established and submitted to NMFS and CDFW for review and approval.

Mitigation Measure BIO-4: Fish Exclusion at Turbidity Curtain Sites

Fish shall be excluded from the work area prior to in-water work. Construction of the water rescue/kayak ramp, kitesurfing ramp, and tidal inlet will be initiated at low tide. Prior to initiating work, qualified biologists shall use a block net to encourage fish to leave the work area. The net will be moved from the shore and out and away from the work area. Once fish have moved out of the area, the turbidity curtains will be installed around the work area. The turbidity curtains will be removed after sediments have settled and the work is completed.

Mitigation Measure BIO-5. Avoid and Minimize Adverse Effects on Special-Status Fish Species from Coffer Dams.

The following restrictions shall be implemented during installation of the coffer dams and coffer dam dewatering.

- Sheet piles used for coffer dams shall be installed and removed using a vibratory pile driver.
    - Coffer dams shall be installed and removed only during the approved in-water work window (between June 1 and November 30, pending resource agency approval).

- All pumps used during dewatering of coffer dams shall be screened according to CDFW and NMFS guidelines for pumps.[63,64]

Mitigation Measure BIO-6: Fish Relocation

If fish cannot be excluded entirely from areas where turbidity curtains shall be employed, qualified biologists shall relocate the remaining fish outside the work area using seine nets, dip nets, or other means. The method of relocation shall be determined by the qualified biologist, in consultation with NMFS (and CDFW as necessary) and consistent with methods described in the *California Salmonid Stream Habitat Restoration Manual,* fourth edition,[65] and *NOAA Restoration Center's Programmatic Approach to ESA/EFH Consultation Streamlining for Fisheries Habitat Restoration Projects*,[66] based on site conditions and species present. A Fish Rescue and Relocation Plan shall be prepared and shall provide at a minimum the following items:

- Qualifications of the fish rescue team: only fisheries biologists who are approved by the U.S. Fish and Wildlife Service (USFWS) and NMFS and permitted by CDFW under a CESA memorandum of understanding (MOU) shall handle and relocate CESA-listed species.
    - Schedule and description of proposed fish relocation techniques.
- Measures implemented to minimize injury and mortality of listed species and other native aquatic species during fish relocation and dewatering activities, as described in Volume II Part IX, pages 52 and 53, of the *California Salmonid Stream Habitat Restoration Manual.*
    - Timeline of data availability and reporting requirements to NMFS, CDFW, and USFWS.

The Fish Rescue and Relocation Plan shall be submitted to CDFW, NMFS, and USFWS for review and approval no later than 60 days prior to conducting in-water work, or as specified in permit conditions. Fish exclusion due to turbidity curtains and relocation shall be confirmed prior to any in-water construction, including installation of sheet piles/coffer dams and steel-pipe piles.

Mitigation Measure BIO-7: Biological Monitoring for In-Water Work

A qualified biologist shall monitor construction of all in-water work along the Bay shoreline to ensure that no fish are remaining in the work area and that no marine mammals or fish move into the work area. If fish or marine mammals are observed within the work area, the monitor shall direct the contractor to wait until the animals leave the area or pause work if animals move into the area.

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63 California Department of Fish and Game. 2010. Fish Screen Criteria. In *California Salmonid Stream Habitat Restoration Manual*, Appendix S. Available: https://nrm.dfg.ca.gov/FileHandler.ashx? DocumentID=75315. Accessed: January 12, 2025.

64 National Marine Fisheries Service. 1997. *Fish Screening Criteria for Anadromous Salmonids.* January. Southwest Region. Santa Rosa, CA. Available: https://nrm.dfg.ca.gov/FileHandler.ashx? DocumentID=75315. Accessed: January 12, 2025.

65 Flosi, G., S. Downie, J. Hopelain, M. Bird, R. Coey, and B. Collins. 2010. *California Salmonid Stream Habitat Restoration Manual.* Fourth edition. California Department of Fish and Game, Wildlife and Fisheries Division.

66 Pecharich, J. 2017. *NOAA Restoration Center's Programmatic Approach to ESA/EFH Consultation Streamlining for Fisheries Habitat Restoration Projects*. March. NMFS, Santa Rosa, CA.

Impacts from Sediment Disturbance

Construction would involve activities that could cause erosion and disturbance of sediment and soil, subsequently resulting in sediment transport and delivery to Sanchez Creek and San Francisco Bay. Sediment input to these water bodies could temporarily increase water column turbidity and sedimentation rates above ambient levels and alter fish physiology, behavior, and habitat conditions in aquatic habitats. Construction activities that have the potential to result in erosion and sediment transport and delivery to Sanchez Creek and San Francisco Bay include (1) demolition of existing pavement, soil import and export, excavation, and vegetation removal to support construction of Project elements on the parcel; (2) installing piles for the water rescue/kayak ramp in Sanchez Creek, the boardwalk/overlook, and the kitesurf ramp; and (3) placing rock slope protection to improve shoreline erosion protection and enhance rocky intertidal habitat along portions of the Bay shoreline and the Sanchez Creek bank adjacent to the proposed kitesurfing ramp, tidal inlet, and water rescue/kayak ramp.

Direct effects on special-status fish species from elevated levels of suspended sediments would be minimized or avoided because in-water construction activities would be restricted to June 1 through November 30 when most special-status fish species would not be present in the Project area (Mitigation Measure BIO-3). Implementation of Mitigation Measure BIO-8 (Erosion and Sedimentation Control) would protect surface water quality during construction by employing standard construction best management practices (BMPs) to treat and minimize runoff. In addition, the Project would be subject to a construction-related stormwater permit and dewatering requirements of the federal CWA and National Pollutant Discharge Elimination System (NPDES) program, which would require the Project proponent to develop and implement a stormwater pollution prevention plan (SWPPP) before and throughout the construction period as one of its BMPs to protect fish and aquatic habitat from exposure to elevated levels of contaminants and sediment, thereby preventing runoff, spills, and sediment from entering waterways in proximity to construction activities by using physical barriers and sediment basins or locating construction and staging activities away from waterways to the extent practicable (see Section X, *Hydrology and Water Quality*). A short-term introduction of sediment to the Bay following construction may be expected as the site is exposed to tides. This may have the potential to result in habitat effects for special-status fish species, including designated critical habitat for green sturgeon, Central California coast steelhead, and EFH for coastal pelagic, Pacific groundfish, and Pacific salmon fisheries. For example, the deposition of excessive amounts of fine sediment on the bottom of Sanchez Creek and the Bay could eliminate habitat for aquatic insects—an important prey item for fish—and reduce the density, biomass, number, and diversity of aquatic insects and vegetation. However, sediment and discharges would be managed by a SWPPP. Long-term impacts from sedimentation off-site are not anticipated.

Based on general observations of similar in-water construction activities, increases in turbidity and suspended sediment generated during construction would be temporary and localized and unlikely to reach levels that would substantially alter or eliminate habitat, including designated critical habitat and EFH for special-status fish species. In addition to implementation of Mitigation Measures BIO-3 and BIO-8, a turbidity curtain would be deployed prior to construction of in-water features and the installation or removal of sheet piles for coffer dams. These construction methods would further limit the potential for construction-related turbidity and sedimentation within aquatic habitats in Sanchez Creek and the Bay. This impact would be ***less than significant with mitigation***.

Mitigation Measure BIO-8: Erosion and Sedimentation Control

During construction, the Project shall employ standard construction BMPs to treat and minimize runoff. The Project shall also obtain 401 water quality certification from the RWQCB, which may contain additional measures to ensure protection of water quality. Construction BMPs shall be reviewed and coordinated with RWQCB, as necessary, for implementation during work and may include, but are not limited to, the following:

- For impacts on tidal habitats:
    - Install temporary sediment turbidity curtains around the worksite to minimize sediment transport.
        1. To the extent practicable, work only during periods of slack tide (minimal current) and low wind to minimize transport of sediment-laden water.
    - All dewatering systems and discharge protocols shall be reviewed and pre-approved to comply with regulatory standards prior to operation on-site.
- Sediment mitigation measures shall be in place prior to the onset of Project construction and shall be monitored and maintained until construction activities have been completed. Temporary stockpiling of excavated or imported material shall occur only in approved construction staging areas. Excess excavated soil shall be disposed of at a regional landfill or at another approved and/or properly permitted location. Stockpiles that are to remain on the site throughout the wet season shall be protected to prevent erosion.
    - No litter, debris, or sediment shall be dumped into storm drains. Daily trash and debris removal shall occur at the site.
- Equipment staging and parking of vehicles shall occur on established access roads and flat surfaces.
    - The integrity and effectiveness of construction fencing and erosion control measures shall be inspected on a daily basis. Corrective actions and repairs shall be carried out immediately for fence breaches and ineffective BMPs.
- Fueling, washing, and maintenance of vehicles shall occur in developed habitat, away from San Francisco Bay and Sanchez Creek. Equipment shall be regularly maintained to avoid fluid leaks. Any leaks shall be captured in containers until equipment is moved to a repair location. Hazardous materials shall be stored only within developed habitat. Containment and cleanup plans shall be prepared and put in place for immediate cleanup of fluid or hazardous materials.
    - At no time shall sediment-laden water be allowed to enter San Francisco Bay and Sanchez Creek.
- All litter and construction debris shall be disposed of off-site in accordance with State and local regulations. All trash and debris within the work area shall be placed in containers with secure lids before the end of work each day in order to reduce the likelihood of predators being attracted to the site by discarded food wrappers and other rubbish that may be left on-site. If containers meeting these criteria are not available, all rubbish shall be removed from the Project site at the end of each work day.
    - Absorbent materials designated for spill containment and clean-up activities shall be available on-site for use with an accidental spill.
- Upon completion of in-water work activities, any turbidity curtains shall be removed in a manner that allows flows to resume with the least disturbance to the substrate.

Impacts on Aquatic Species that Are Prey for Fish

Benthic macroinvertebrates and other marine organisms that are prey for many fish might be killed or their abundance reduced during work in-water work. However, the effect on prey species resulting from the in-water work would be temporary because construction activities would be short lived, and the construction area would be relatively small relative to the amount of available prey in the surrounding Bay waters. Thus, the loss of aquatic prey species because of in-water work activities is not expected to adversely affect special-status fish. Further, these prey species are expected to recolonize impact areas once the Project is complete. Therefore, this impact is ***less than significant***.

Acoustic Impacts on Marine Mammals and Fish from Pile Driving

Underwater noise would be generated by a variety of construction activities, including pile driving (impact and vibratory); [67] construction of the water rescue/kayak ramp in Sanchez Creek, the boardwalk/overlook, and the kitesurf ramp; and the placement of riprap for erosion protection. Approximately 32 piles would be driven (i.e., approximately 20 steel-pipe piles for the water rescue/kayak ramp, approximately three steel-pipe piles for the boardwalk/overlook, and approximately nine steel-pipe piles for the kitesurf ramp (see Table 2 of the biological resources report in Appendix B). All steel-pipe piles to be installed would be 24 inches in diameter; it is estimated that six of the piles at the water rescue/kayak ramp and five at the kitesurfing ramp would be in-water (in Bay-saturated soils); the remaining 22 piles would be land based. The Project may also install temporary or permanent sheet-pile walls along the edge of the Project site, on the Bay side, to allow construction of the water rescue ramp and the marsh. Impact pile driving in or near aquatic habitat (i.e., within 200 feet) would be of most concern because it would generate sound levels that could injure or kill fish and other aquatic organisms.

Because there is some potential for special-status and sensitive fish, as well as marine mammals, to be present in the open waters adjacent to the Project site, these species may be affected by in-water noise generated by these activities. Sounds generated by percussive pile driving have the potential to affect fish in several ways, ranging from the alteration of behavior to physical injury or mortality, depending on the intensity and characteristics of the sound, the distance and location of the fish in the channel relative to the sound source, and the size and species of fish involved.[68, 69,70] The Fisheries Hydroacoustic Working Group (FHWG)[71] has developed agreed-upon dual interim injury threshold criteria for listed fish species for impact pile driving (Table 3.4-1).

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[67] Impact pile driving uses a hydraulic hammer mounted on a piling rig with a ram mass to dynamically drive piles into the ground, while vibratory pile driving uses a low-impact method of creating vertical vibrations that put soil particles into motion, thereby loosening the soil and allowing the pile to penetrate the soil. Impact pile driving results in high-intensity impulsive sounds that can cause injury in fish. Vibratory hammers generally produce less sound than impact hammers and are often employed as a mitigation measure to reduce the potential for adverse effects on fish that can result from impact pile driving (California Department of Transportation 2015:2-17). In addition, there are no established injury criteria for vibratory pile driving (California Department of Transportation 2015:2-17); therefore, effects on fish from vibratory pile driving are typically behavioral.

[68] Yelverton, J. T., D. R. Richmond, W. Hicks, K. Saunders, and E. R. Fletcher. 1975. *The Relationship between Fish Size and Their Response to Underwater Blast.* Report DNA 3677T, Director, Defense Nuclear Agency, Washington, D.C.

[69] Hastings, M. C., and A. N. Popper. 2005. *Effects of Sound on Fish*. California Department of Transportation. No. CA05-0537.

[70] Molnar, M., D. Buehler, R. Oestman, J. Reyff, K. Pommerenck, and B. Mitchell. 2020. *Technical Guidance for the Assessment of Hydroacoustic Effects of Pile Driving on Fish*. October. CTHWANP-RT-20-365.01.04. Sacramento, CA. Prepared by the California Department of Transportation, Division of Environmental Analysis.

[71] Fisheries Hydroacoustic Working Group. 2008. *Memorandum: Agreement in Principle for Interim Criteria for Injury to Fish from Pile Driving Activities.* June 12.

Table 3.4-1. Interim Criteria for Injury to Fish from Impact Pile-Driving Activities

Interim Criteria	Agreement in Principle
Peak sound pressure level (SPL)	206 dB re: 1 µPa (for all sizes of fish)
Cumulative sound exposure level (SEL)	187 dB re: 1 μPa^2-sec—for fish size ≥ 2 grams 183 dB re: 1 μPa^2-sec—for fish size < 2 grams

Source: Fisheries Hydroacoustic Working Group 2008
dB = decibel; µPa = micropascal; sec = second

The peak sound pressure level (SPL) is considered the maximum sound pressure level a fish can receive from a single strike without injury. The cumulative sound exposure level (SEL) is considered the total amount of acoustic energy that a fish can receive from single or multiple strikes without injury. The cumulative SEL threshold is based on the cumulative daily exposure of a fish to noise from sources that are discontinuous (e.g., noise that occurs for only 8 to 12 hours in a day, with 12 to 16 hours between exposure). This quiet period assumes that the fish is able to recover from any pile driving effects during this 8–12-hour period.

The FHWG identified sound pressure levels of 206 peak decibels (dB-peak) at 10 meters (m) as being injurious to fish. Accumulated SELs at 10 m of 187 dB for fish that are greater than 2 grams (g), and 183 dB for fish below that weight, are considered to cause temporary shifts in hearing, resulting in temporarily decreased fitness (i.e., reduced foraging success, reduced ability to detect and avoid predators).[72] It is highly unlikely that listed salmonids and sturgeon weighing less than 2 g would be present on the Project site during construction because fish that size rear in freshwater, but juvenile longfin smelt may be present and would require that the 183 dB criterium to be applied for the hydroacoustic analysis.

Based on pile-driving analyses for other projects with impact pile driving, the distance from source piles to sound level thresholds for fish would very likely extend to tens of feet for the 206 dB injury threshold and up to several thousand feet for the 183 dB injury threshold, assuming an unimpeded propagation path, with potential behavioral effects extending much farther (e.g., a couple of miles). A detailed evaluation of anticipated hydroacoustic impacts for impact pile driving will be required as part of permit conditions and agreements to ensure compliance with State and federal environmental laws and regulations (e.g., as part of ESA Section 7 consultation) to predict distances to the 2008 interim dual critical threshold levels and determine the area where Project-related underwater sound pressure levels would not attenuate below the injury threshold levels (i.e., zone of injury). These predicted distances would also serve as the basis for the hydroacoustic monitoring to verify Project underwater sound pressure estimates during construction actions.

Vibratory pile driving methods produce more continuous lower-energy sounds, which are below the thresholds associated with injury. There are currently no established noise thresholds associated with continuous sound waves, and vibratory methods are generally accepted as an effective measure for minimizing or eliminating the potential for injury of fish during in-water pile driving operations, though they are likely to still cause physiological and behavioral changes.[73, 74] Likewise, sounds generated by percussive pile driving have the potential to affect marine mammals in several ways, ranging from the

[72] Ibid.

[73] McCauley, R., J. Fewtrell, and A. Popper. 2003. High-Intensity Anthropogenic Sound Damages Fish Ears. In *The Journal of the Acoustical Society of America*, 113:638–42, 10.1121/1.1527962.

[74] Popper, A., and M. Hastings. 2009. The Effects of Anthropogenic Sources of Sound on Fishes. In *Journal of Fish Biology*, 75(3):455–489.

alteration of behavior to physical injury or mortality, depending on the intensity and characteristics of the sound, the distance and location of the animal relative to the sound source, and the size and species of animal involved. Current NMFS practice regarding exposure of marine mammals to high-level sounds is that cetaceans and phocid pinnipeds exposed to impulsive sounds of 185 SEL or above have the potential to be injured (i.e., Level A harassment).[75] NMFS[76] considers the potential for behavioral (Level B) harassment to occur when marine mammals are exposed to sounds below injury thresholds but at or above the 160 dB root-mean-square (RMS) threshold for impulse sounds (e.g., impact pile driving) and 120 dB RMS threshold for continuous noise (e.g., vibratory pile driving).

Given the number of piles being installed, the duration of this activity is expected to be short. Further, the Project is likely to use vibratory hammers when driving piles, if feasible, which should minimize noise levels (compared to the use of impact hammers). However, during vibratory pile driving, resistant subsurface sediment layers could be encountered, which would result in the piling refusing to go deeper. Pre-construction geotechnical surveys revealed dense clays underneath softer fill material and Bay mud,[77] making this scenario likely. The contractor would then be required to use an impact hammer to finish setting the piling.

Placement of riprap has the potential to result in temporary loud noises, although the available data from analogous situations suggest such effects would be limited. For example, sound data taken during the 2012 installation of rock barriers as part of the Department of Water Resource's temporary barriers project in the South Delta showed that noise levels at 100 m from construction were below the NMFS threshold for adverse behavioral effects (150 dB). Effects on fish in the Bay would be limited to behavioral effects only while the riprap is being placed.

Implementation of Mitigation Measures BIO-1, BIO-3, and BIO-9 would reduce potential noise impacts resulting from in-water work to less-than-significant levels because hydroacoustic monitoring would be conducted during impact pile driving to ascertain compliance with established objectives (e.g., distances to cumulative noise thresholds) and identify corrective actions to be taken should the predicted threshold distances be exceeded. In addition, the proposed seasonal and daily timing restrictions and localized effect of pile driving and other in-water construction activities would limit adverse noise-generated effects to a small proportion of special-status fish species in the Bay. Any fish present in proximity to in-water construction activities would be expected to leave the affected area relatively quickly in response to general construction noise and physical disturbance, thereby limiting their exposure. Therefore, this impact is **less than significant with mitigation**.

Mitigation Measure BIO-9: Noise Impact Minimization

To minimize impacts on fish and marine mammals, the Project Applicant shall implement the following measures to reduce the magnitude of pressure waves generated by pile driving:

1. All pile driving shall be conducted between June 1 and November 30 and limited to no more than 12 hours in any single day.
2. To the extent feasible, all piles shall be installed with a vibratory pile driver.

[75] National Marine Fisheries Service. 2023. *National Marine Fisheries Service: Summary of Endangered Species Act Acoustic Thresholds (Marine Mammals, Fishes, and Sea Turtles).* January.

[76] Ibid.

[77] Langan Engineering and Environmental Services, Inc. 2022. *Site Plan with Sampling Location for Burlingame Shoreline Park, Burlingame, California.*

3. An impact pile driver shall be used only when necessary to complete installation of piles, in accordance with seismic safety or engineering criteria.
4. If an impact pile driver is used, it shall be cushioned using a 12-inch-thick wood block, which will reduce noise levels by 4 to 5 dB.
5. Bubble curtains shall be used during any impact pile driving in water. The bubble curtain will reduce the noise levels by up to 15 dB. The bubble curtain shall be operated in a manner consistent with the following performance standards:
    a. The bubble curtain shall distribute air bubbles around 100 percent of the piling perimeter for the full depth of the water column.
    b. The lowest bubble ring shall be in contact with the mudline for the full circumference of the ring, and the weights attached to the bottom ring shall ensure 100 percent mudline contact. No parts of the ring or other objects shall prevent full mudline contact.
    c. Air flow to the bubblers must be balanced around the circumference of the pile.
6. A "soft start" technique shall be employed if an impact pile driver shall be used on any piles (on land or in water). The first few taps of the hammer on the piling should deter fish and marine mammals away from the pilings before full impact strength is applied, reducing the potential for fish and marine mammals to be present and exposed to potential injury during full hammer strikes. This technique shall be used upon initiation of pile driving or when there is a downtime of 30 minutes or more without pile driving.
7. Pile driving shall occur only during daylight hours.
8. A hydroacoustic monitoring plan shall be developed prior to and implemented during pile driving activities to ascertain compliance with established objectives (e.g., distances to cumulative noise thresholds) and identify corrective actions to be taken should the predicted threshold distances be exceeded. Hydroacoustic monitoring shall be conducted at 10 m from all pile driving if an impact hammer is used to set the pilings. Impact hammer pile driving shall be limited to no more than 12 hours daily to provide a 12-hour rest period between impact pile driving events. To minimize the potential for injury to marine mammals, the following measures shall additionally be implemented:
    a. If threshold noise levels are recorded during pile driving, a shutdown zone equal to the distance at which injury threshold sound levels were recorded shall be established around each pile.
    b. A qualified biological monitor shall visually scan the Project site and surrounding waters for the presence of marine mammals at least 30 minutes before and continuously throughout periods of impact pile driving. If any marine mammal is sighted in the shutdown zone before pile driving begins, the contractor (or other authorized individual) shall delay pile-driving activities until the animal has moved outside the shutdown zone or the animal is not resighted (within 15 minutes for pinnipeds or 30 minutes for cetaceans).
    c. If any marine mammal is about to enter or is observed in the shutdown zone during pile driving, the pile-driving activities shall be shut down until the animal has moved outside the shutdown zone or the animal is not resighted (within 15 minutes for pinnipeds or 30 minutes for cetaceans).

9. A biological monitor or team shall be present during all pile driving to observe the work area before, during, and after pile driving. The monitor(s) shall staff the hydroacoustic monitoring equipment and record marine mammal use within the action area. The monitor(s) shall also be responsible for ensuring that all pile driving work is conducted according to permit terms and conditions. In addition, contractors shall consult with the biological monitor(s) to ensure that any changes to means and methods are in compliance with permit conditions related to the protection of estuarine resources.
10. A debris containment structure (i.e., floating boom) shall be installed outside of the pile driving area to ensure that any floating debris that enters the water will be contained for later collection and disposal.
11. A full complement of oil spill clean-up equipment shall be on-site and available for immediate deployment should there be an accidental discharge of fuel, lubricant, or hydraulic oils.

Impacts on Olympia Oyster Beds

Small populations of native oysters have been documented within San Francisco Bay.[78,79] Native oysters are not currently protected by statute or regulation but are considered rare, threatened, or endangered under Section 15380 of the CEQA Guidelines; therefore, potential impacts on native oysters are evaluated herein. Detailed surveys for native oysters were not conducted as part of the biological resources report. Potentially suitable habitat is distributed throughout the northern and eastern shoreline of the Project site. Suitable substrate consists of the existing riprap to which oyster larvae can easily attach.[80] Larval forms of oysters are free floating in San Francisco Bay and known to occur at Coyote Point, 1 mile east of the Project site, and Oyster Point Marina, approximately 4 miles to the west. No obvious or large beds of oysters were observed during the reconnaissance survey of the Project site. Nonetheless, due to their proximity to the site and the presence of suitable habitat along the north and east shoreline, the potential for Olympia oysters to colonize the Project site cannot be ruled out. Therefore, construction of shoreline features, including the kitesurfing ramp, tidal inlet, water rescue/kayak ramp, and associated riprap, could affect oysters through the removal of existing concrete debris and rock in those work areas. However, the living shoreline enhancement design would entail replacement of existing hard substrate with a similar material that would also be suitable for oyster settlement. For example, the Project would remove existing concrete debris along the kitesurfing ramp and tidal inlet and replace it with new rock slope protection that would incorporate living shoreline elements such as riprap modified with ample rugosity to provide suitable settlement habitat for native oysters. Thus, although the proposed Project features would temporarily affect substrate potentially used by native oysters, that substrate would be replaced with equal amounts of equivalent (or better) habitat after the Project is complete. Thus, the work would not substantially reduce Olympic oyster populations or available habitat. Consequently, the Project would not have a substantial adverse effect on native oysters. Therefore, this impact is ***less than significant***.

[78] Harris, H. E. 2004. *Distribution and Limiting Factors of* Ostrea conchaphila *in San Francisco Bay.* Master's thesis. San Francisco State University.

[79] Latta, Marilyn. Habitat Restoration Director, Save the Bay. October 18, 2006—meeting with D. Ebert and others.

[80] Harris, H. E. 2004. *Distribution and Limiting Factors of* Ostrea conchaphila *in San Francisco Bay.* Master's thesis. San Francisco State University.

b. Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service? (Less than Significant with Mitigation)

There is no riparian habitat within the Project area. Sensitive natural communities occurring within or in the general vicinity of the Project site include seasonal wetlands, which are discussed below under Impact c., and potentially (farther from the Project site) eelgrass beds, which are discussed here. Although eelgrass beds are considered special aquatic sites by USACE, and therefore would be considered as part of the wetland permitting process, they are also considered a sensitive natural community by CDFW and NMFS and thus are discussed under this criterion. Surveys conducted in April and May 2021 did not detect any eelgrass growing within a 148-foot buffer of the Project boundary site. Nevertheless, eelgrass has previously been found in relatively low abundance east and west of the Project area. Given the history of intermittent eelgrass presence in the near vicinity of the proposed Project and prior eelgrass habitat suitability modeling predicting potentially suitable conditions occurring within the Project vicinity, a preconstruction survey may be requested by the resource agencies, as specified in the CEMP.[81]

Disturbance to the mudflats and intertidal habitat on the Bay side of the existing concrete rubble shoreline from the creation of the new tidal inlet, as well as removal of debris and placement of fill and piles required for the kitesurfing and water rescue/kayak ramps, could affect eelgrass on the subtidal mudflat along the Project site if it were present. Potential effects from these activities could range from short term to permanent, depending on the extent and degree of disturbance, and would be expected to result in possible mortality, physical injury, or physiological stress from the reduction in habitat suitability and physical disturbance/removal. Placement of fill for the kitesurfing ramp and water rescue/kayak ramp could result in direct loss of eelgrass beds, if present. Any such impacts resulting in substantial damage to eelgrass beds would require mitigation because eelgrass beds are considered to be of critical importance to marine life and are generally quite rare throughout San Francisco Bay. This potential impact would be reduced to adequate levels through implementation of Mitigation Measure BIO-10, and the impact would be ***less than significant with mitigation***.

Mitigation Measure BIO-10: Pre-Construction Surveys for Eelgrass and Translocation or Compensatory Mitigation if Necessary

Prior to onset of any in-water construction activities, and within 60 days of construction initiation, an eelgrass survey shall be conducted within the same buffer of the Project boundary previously surveyed and described in Appendix C of the biological resources report (Appendix B). As per the CEMP, the survey area shall be scaled as appropriate to the size of the potential action and the potential extent and distribution of eelgrass impacts, including both direct and indirect effects. The survey shall be conducted according to the methods contained in the CEMP.[82] If eelgrass beds are absent within the area surveyed, then no further mitigation shall be required. If eelgrass is found within the surveyed area, then a qualified biologist shall determine (in coordination with NMFS and CDFW) whether the eelgrass bed is likely to be affected to the point that relocation or compensatory mitigation is necessary. That determination shall be based on distance between the eelgrass and the work area, tidal current patterns, water depth, and other factors that may influence whether increased turbidity or sediment mobilization could affect the eelgrass. If eelgrass shall be affected to the point that translocation is appropriate, any translocation of

[81] National Marine Fisheries Service. 2014. *California Eelgrass Mitigation Policy and Implementing Guidelines.* West Coast Region. October.

[82] Ibid.

eelgrass beds shall be conducted consistent with the methods described in the CEMP and/or those described in *Eelgrass Conservation in San Francisco Bay: Opportunities and Constraints*.[83] If it is determined that eelgrass shall be affected but it is not possible to translocate eelgrass beds, then the Project applicant shall provide compensatory mitigation consistent with the CEMP for eelgrass. As per the CEMP, multiple compensatory mitigation options are possible, but in this case, the most appropriate would be in-kind mitigation. The eelgrass Mitigation and Monitoring Plan shall be prepared in conjunction with input from NMFS and CFDW and, as per the CEMP, shall provide at a minimum the following items:

- Results of preliminary eelgrass survey and pre/post-Project eelgrass surveys and summary of projected eelgrass impacts
    - Goals of the in-kind mitigation to achieve no net loss of eelgrass or eelgrass habitat function
- Description of proposed mitigation site and reference site(s)
    - Mitigation design, including:
        - Description of proposed mitigation methods
            2. Construction schedule, including specific starting and ending dates for all work including mitigation activities
    - Planting plan (eelgrass propagule procurement and installation)
            3. Maintenance plan
- Schedule and description of proposed post-Project monitoring and when results shall be provided to NMFS and CDFW
    - Schedule and description of process for continued coordination with NMFS and CDFW through mitigation implementation
- Monitoring measures, and performance and success criteria. Monitoring events and milestones are detailed in the CEMP but include the following milestones, as an example:
    - By Year 1, the mitigation site should achieve a minimum of 40 percent coverage of eelgrass and 20 percent density of the reference site(s) over not less than 1.2 times the area of the impact site
        4. By Year 2, the mitigation site should achieve a minimum of 85 percent coverage of eelgrass and 70 percent density of the reference site(s) over not less than 1.2 times the area of the impact site
    - By Year 3, the mitigation site should achieve a minimum of 100 percent coverage of eelgrass and 85 percent density of the reference site(s) over not less than 1.2 times the area of the impact site
- Description of alternative contingent mitigation or adaptive management should the proposed mitigation fail to achieve performance measures
    - Description of mitigation reporting

[83] Boyer, K. E., and S. Wyllie-Echeverria. 2010. *Eelgrass Conservation in San Francisco Bay: Opportunities and Constraints: Final Report for the San Francisco Bay Subtidal Habitat Goals Project.* Available: http://www.sfbaysubtidal.org/PDFS/Ap8-1%20Eelgrass.pdf.

The mitigation shall be deemed complete and the applicant released from further responsibilities when the final success criteria have been met or when the mitigation is deemed complete as determined by NMFS.

c. Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marshes, vernal pools, coastal wetlands, etc.) through direct removal, filling, hydrological interruption, or other means? (Less than Significant with Mitigation)

Seasonal Wetland Habitat Impacts

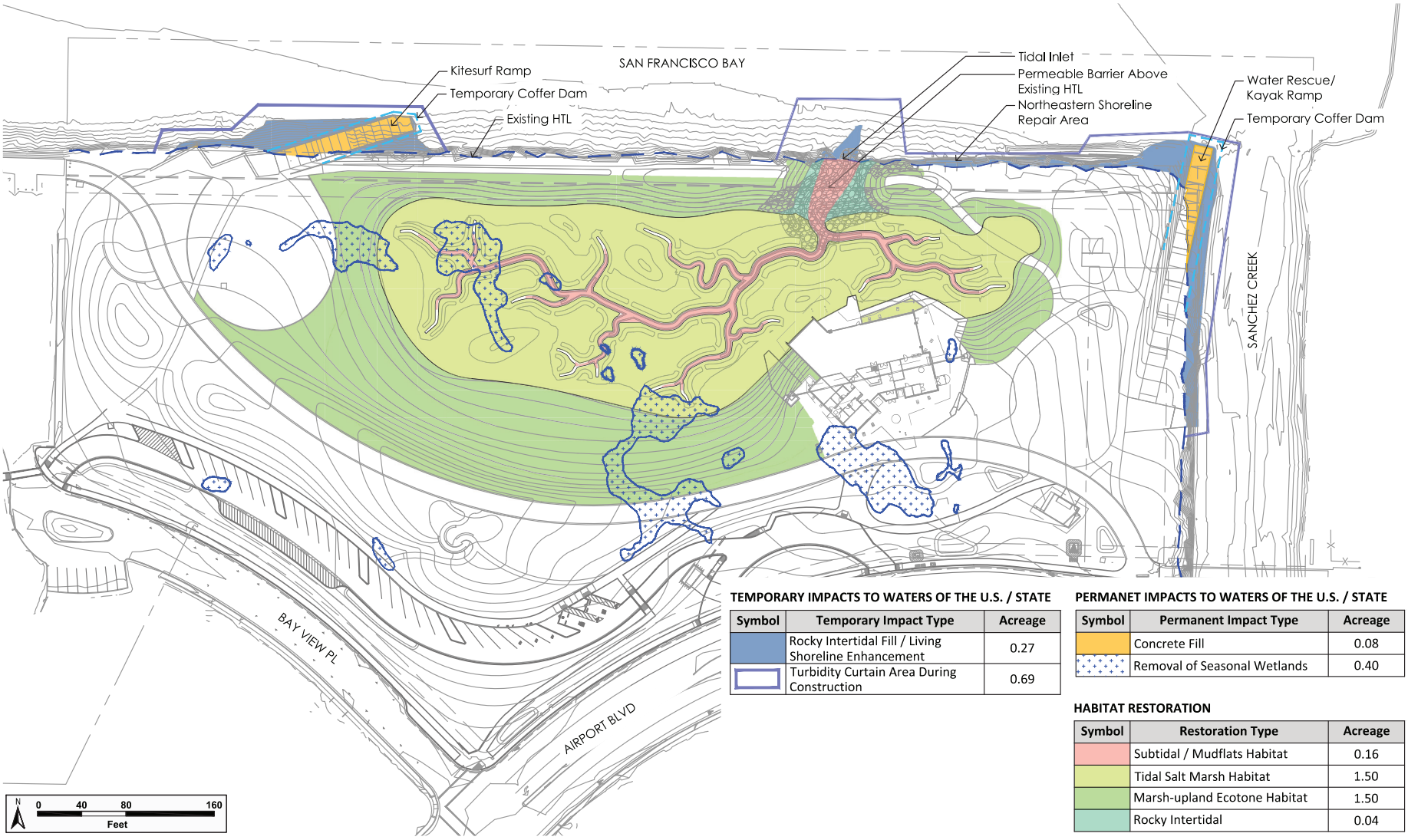
The Project would permanently affect the entirety of the 0.40 acre of seasonal wetlands on the site through mass grading required for Project implementation (Figure 3.4-1). To achieve the Project goal to restore a tidal marsh with substantial ecological benefit, it is necessary to affect the seasonal wetlands in their current position. Avoidance of the seasonal wetlands would preclude the restoration of substantial tidal marsh and limit the final extent of ecotone habitat.

Although the permanent loss of 0.40 acre of seasonal wetlands could be considered significant under CEQA, the Project would result in restoration of 1.5 acres of new tidal marsh and 0.16 acre of subtidal/mudflat habitat (i.e., slough channels) below the current HTL and restoration of 1.5 acres of marsh-upland ecotone above the current HTL. This restored tidal marsh ecosystem is expected to provide ecological functions and acreage substantially greater than the existing low-quality seasonal wetlands. Vegetation in the ecotone will be established through a combination of seeding and container plant installation, along with three years of vegetation maintenance. Due to the substantially increased acreage of wetland that would result from implementation of the Project, the loss of 0.40 acre of seasonal wetland would be mitigated out of kind with 1.5 acres of tidal marsh. Although it is not known at this point what percentage of marsh-upland ecotone habitat would develop into seasonal wetland habitat, at least a third to half of that area is expected to be dominated by native plant species that would be characteristic of seasonal wetland habitats around the San Francisco Bay edge, including species such as creeping wild rye (*Elymus triticoides*), marsh gumplant (*Grindelia stricta*), saltgrass, perennial pickleweed, and alkali heath. With restoration of habitats by Project implementation, this impact would be ***less than significant***.

Impacts on Aquatic Habitat

Installation of shoreline treatments (e.g., kitesurfing ramp, water rescue/kayak ramp, tidal inlet, northeastern shoreline repair, associated rock slope protection) that require modification of the substrate within San Francisco Bay will result in temporary and permanent impacts on waters of the United States and waters of the State that would be subject to Section 10, Section 404, and Section 401 regulation under the CWA as well as the Porter-Cologne Act (Figure 3.4-1). Because this habitat within San Francisco Bay is known to support listed fish, designated critical habitat for North American green sturgeon and Central California coast steelhead and EFH for Pacific salmon (i.e., Chinook salmon), coastal pelagic, and Pacific groundfish species, temporary and permanent impacts would be subject to Section 7 consultation under the ESA and EFH consultation under the Magnuson-Stevens Fishery Conservation Act.

Up to 0.27 acre of aquatic habitat below the HTL would be temporarily affected by removal of concrete debris and replacement with imported hard substrate (e.g., riprap) (Figure 3.4-1), including living shoreline habitat enhancement elements below the HTL, as rocky intertidal fill/living shoreline enhancement. The rocky intertidal fill/living shoreline enhancement areas are considered a temporary impact because the Project would replace anthropogenic concrete debris in the footprint of temporary



TEMPORARY IMPACTS TO WATERS OF THE U.S. / STATE

Symbol	Temporary Impact Type	Acreage
	Rocky Intertidal Fill / Living Shoreline Enhancement	0.27
	Turbidity Curtain Area During Construction	0.69

PERMANET IMPACTS TO WATERS OF THE U.S. / STATE

Symbol	Permanent Impact Type	Acreage
	Concrete Fill	0.08
	Removal of Seasonal Wetlands	0.40

HABITAT RESTORATION

Symbol	Restoration Type	Acreage
	Subtidal / Mudflats Habitat	0.16
	Tidal Salt Marsh Habitat	1.50
	Marsh-upland Ecotone Habitat	1.50
	Rocky Intertidal	0.04

Source: H. T. HARVEY & ASSOCIATES Ecological Consultants
Bay Rise Park - Biological Resources Report (4113-02)
December 2024

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Figure 3.4-1
Impacts to Waters of the U.S. / State
410 Airport Blvd Project

impacts with a type of hard substrate (rock slope protection) that would facilitate rapid colonization by native hard substrate macroalgae and aquatic invertebrates below approximately mean high water. The rapid colonization would be facilitated by both import of hard substrate with adequate rugosity and reuse of some of the existing hard substrate that currently supports native macroalgae and aquatic invertebrates (as a propagule source). From approximately mean high water up to the HTL, where feasible, the rock slope protection would incorporate soil and active revegetation to establish native salt marsh vegetation (in rock-crown treatments). With restoration of habitats by Project implementation, this impact would be ***less than significant***.

The Project would also result in 0.69 acre of temporary impacts during construction in open-water habitat from placement of a turbidity curtain area around the in-water work areas. Coffer dam/sheet pile installation would occur within the footprint of the turbidity curtains; thus, this 0.69-acre area would also include temporary impacts due to dewatering and fish exclusion. Pre-existing biotic and abiotic conditions within the turbidity curtain area are expected to rapidly re-establish following completion of construction and removal of the turbidity curtain, and this impact would be ***less than significant***.

The shoreline treatments would also result in up to 0.08 acre of permanent impacts on existing aquatic habitat below the HTL by installation of concrete water access ramps that would be frequently utilized by people for water access ("concrete fill" in Figure 3.4-1). Although permanent impacts on 0.08 acre of waters of the United States and waters of the State could be considered significant under CEQA, the Project proposes to restore approximately 0.16 acre of new subtidal/intertidal mudflat habitat (i.e., slough channels) within the proposed tidal inlet and restored tidal marsh. In addition, the Project would restore at least 1.5 acres of jurisdictional tidal salt marsh below the HTL. Overall, the Project is expected to provide a net benefit to the surrounding aquatic intertidal habitat because a total of 1.7 acres of tidal marsh, rocky intertidal, and subtidal/mudflat habitat would be restored. With restoration of habitats by Project implementation, this impact would be ***less than significant.***

In complying with State requirements to control the discharge of stormwater pollutants under the NPDES/Construction General Permit, the Project would be required to develop and maintain the SWPPP, which would include the use of BMPs to protect water quality until the site is stabilized. Standard permit conditions under the NPDES/Construction General Permit require the applicant to use various measures, including on-site sediment control BMPs, damp street sweeping, temporary cover of disturbed land surfaces to control erosion during construction, and stabilized construction entrances and/or wash racks, among other factors. In addition, in many Bay Area counties, including San Mateo County, projects must also comply with the RWQCB, San Francisco Bay Region, Municipal Regional Stormwater NPDES Permit (MRP) (Water Board Order No. R2-2009-0074). This MRP requires that all projects implement BMPs and incorporate low-impact development practices into the design that prevent stormwater runoff pollution, promote infiltration, and hold/slow down the volume of water coming from a site. To meet these permit and policy requirements, the Project would incorporate the use of such elements as tree planters, grassy swales, and bioretention and/or detention basins. Compliance with these permits would prevent significant negative water quality impacts and improve stormwater runoff compared to existing conditions at the Project site, thereby avoiding water quality impacts on San Francisco Bay. Implementation of Mitigation Measure BIO-8 would further minimize any adverse indirect effects on waters or wetlands from construction-related activities (e.g., dewatering discharge). With the water quality protection measures required by compliance with the Construction General Permit and the MRP, as well as implementation of Mitigation Measure BIO-8, the Project would not have a substantial adverse effect on aquatic habitats. Therefore, the impact would be ***less than significant with mitigation***.

d. Interfere substantially with the movement of any native resident or migratory fish or wildlife species, or established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites? (Less than Significant with Mitigation)

Impacts on Wildlife and Fish Movement

Despite its location along San Francisco Bay, the Project site does not provide important environmental corridors for movement of aquatic or terrestrial wildlife species. The Project site is situated along the Pacific Flyway for migratory birds and may host occasional migratory birds that stopover to rest and forage. However, due to the disturbed habitat that covers a majority of the site, other nearby areas, such as Coyote Point, which supports more complex habitats, attract more migratory species. The Project site is situated near Anza Lagoon, an urban aquatic park to the north, and common urban-adapted species such as the native raccoon (*Procyon lotor*) and common bird species very likely make small-scale movements between the two sites to forage and breed. However, few other terrestrial species depend on the site as a movement corridor. Furthermore, the majority of the Project site would remain open space and, after restoration of the site is completed, would provide higher-quality habitat compared with the current conditions. As such, the Project is expected to increase foraging and resting opportunities for migratory birds along the Pacific Flyway.

Sanchez Creek does attract a variety of fish, which very likely travel between San Francisco Bay and Sanchez Lagoon and the marsh to forage and rest. However, proposed Project features along Sanchez Creek, such as the water rescue/kayak launch, would not impede movement of fish along the creek. The combination of positive sloped grading and the rock entrance elevation incorporated into the tidal marsh design would provide positive drainage, thereby avoiding fish stranding in the marsh at low tide. Therefore, the impact on movement of wildlife and fish species would be ***less than significant***.

Impacts on Native Wildlife Nursery Sites

San Francisco Bay is home to the largest population of Pacific herring in California. This species provides food for a variety of Bay species that occur in the Bay and is an economically important fishery for the region (Watters et al. 2004). Pacific herring spawn on a variety of natural and artificial substrates including eelgrass, rocks, oyster reefs, pier pilings, and riprap in intertidal and shallow subtidal habitat. Due to their ecological value and economic importance in the Bay, this fishery has been monitored annually since the early 1970s by CDFW.[84]

In the vicinity of the Project site, spawning has been documented within 1 mile of the site at Coyote Point in 2021 and in recent years[85,86,87] as well as approximately 8 miles to the north at Candlestick Point during the 2018–2019 season; they have also been documented approximately 4 to 6 miles to the north at San Bruno Point and Oyster Point).[88] Spawning has not been reported along the shoreline of the Project site during ongoing monitoring of this portion of the Bay; therefore, Pacific herring are unlikely to spawn on the site. However, because potential spawning habitat is present on-site and herring are known to spawn within 1

[84] California Department of Fish and Wildlife. 2019. *2018–2019 Summary of the Pacific Herring Spawning Population and Commercial Fisheries in San Francisco Bay.*

[85] Ibid.

[86] The Lost Anchovy. 2021. *2021 Herring Spawn Report.* Available: https://thelostanchovy.com/2021-herring-spawn-report. Accessed: July 30.

[87] Watters, D. L., H. M. Brown, F. J. Griffin, E. J. Larson, and G. N. Cherr. 2004. Pacific Herring Spawning Grounds in San Francisco Bay: 1973–2000. In *American Fisheries Society Symposium,* 39:3–14.

[88] Ibid.

mile of the site, the potential for spawning cannot be ruled out. Nevertheless, the Project has an in-water work window (June 1–November 30) that precludes in-water work during the spawning season; thus, impacts on spawning herring would be adequately avoided. Therefore, this impact would be ***less than significant***.

Impacts on Wildlife from Artificial Lighting

Many animals are sensitive to light cues, which influence their physiology and shape their behaviors, particularly during the breeding season.[89,90] Artificial light has been used as a means of manipulating breeding behavior and productivity in captive birds for decades[91] and has been shown to influence the territorial singing behavior of wild birds.[92,93,94] Although it is difficult to extrapolate results of experiments on captive birds to wild populations, it is known that photoperiod (the relative amount of light and dark in a 24-hour period) is an essential cue triggering physiological processes as diverse as growth, metabolism, development, breeding behavior, and molting (de Molenaar et al. 2006). This holds true for birds, mammals,[95] and other taxa as well, suggesting that increases in ambient light may interfere with these processes across a wide range of species, resulting in impacts on wildlife populations.

Artificial lighting may indirectly affect mammals and birds by increasing the nocturnal activity of predators such as owls, hawks, and mammalian predators.[96,97,98,99] The presence of artificial light may also influence habitat use by rodents[100] and by breeding birds[101,102] by causing avoidance of well-lit areas, resulting in a net loss of habitat availability and quality.

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89 Ringer, R. K. 1972. Effect of Light and Behavior on Nutrition. In *Journal of Animal Science*, 35:642–647.

90 de Molenaar, J. G., M. E. Sanders, and D. A. Jonkers. 2006. Road Lighting and Grassland Birds: Local Influence of Road Lighting on a Black-tailed Godwit Population. In *Ecological Consequences of Artificial Night Lighting*. C. Rich and T. Longcore (eds.), pages 114–436. Island Press, Covelo, CA.

91 Ibid.

92 Longcore, T., and C. Rich. 2004. Ecological Light Pollution. In F*rontiers in Ecology and the Environment,* 2(4):191–198.

93 Miller, M. W. 2006. Apparent Effects of Light Pollution on Singing Behavior of American Robins. In *Condor*, 108(1):130–139.

94 de Molenaar, J. G., M. E. Sanders, and D. A. Jonkers. 2006. Road Lighting and Grassland Birds: Local Influence of Road Lighting on a Black-tailed Godwit Population. In *Ecological Consequences of Artificial Night Lighting*. C. Rich and T. Longcore (eds.), pages 114–436. Island Press, Covelo, CA.

95 Beier, P. 2006. Effects of Artificial Night Lighting on Mammals. In *Ecological Consequences of Artificial Night Lighting*. C. Rich and T. Longcore (eds.), pages 19–42. Island Press, Covelo, CA.

96 Negro, J. J., J. Bustamante, C. Melguizo, J. L. Ruiz, and J. M. Grande. 2000. Nocturnal Activity of Lesser Kestrels under Artificial Lighting Conditions in Seville, Spain. In *Journal of Raptor Research*, 34(4):327–329.

97 Longcore, T., and C. Rich. 2004. Ecological Light Pollution. In F*rontiers in Ecology and the Environment,* 2(4):191–198.

98 DeCandido, R., and D. Allen. 2006. Nocturnal Hunting by Peregrine Falcons at the Empire State Building, New York City. In *Wilson Journal of Ornithology,* 118(1):53–58.

99 Beier, P. 2006. Effects of Artificial Night Lighting on Mammals. In *Ecological Consequences of Artificial Night Lighting*. C. Rich and T. Longcore (eds.), pages 19–42. Island Press, Covelo, CA.

100 Ibid.

101 Rogers, D. I., T. Piersma, and C. J. Hassell. 2006. Roost Availability May Constrain Shorebird Distribution: Exploring the Energetic Costs of Roosting and Disturbance around a Tropical Bay. In *Biological Conservation*, 33(4):225–235.

102 de Molenaar, J. G., M. E. Sanders, and D. A. Jonkers. 2006. Road Lighting and Grassland Birds: Local Influence of Road Lighting on a Black-tailed Godwit Population. In *Ecological Consequences of Artificial Night Lighting*. C. Rich and T. Longcore (eds.), pages 114–436. Island Press, Covelo, CA.

Excessive lighting can also alter the behavior of migrating birds. Vertical beams can disorient birds flying at lower altitudes. Birds that encounter beams from up-lights are likely to respond to the lights and become disoriented or attracted to the lights to the point that they collide with buildings or other nearby structures.

Within the last approximately 100 years, fish have been exposed to artificial lighting at night and potentially affected in several ways (e.g., changes in essential behaviors such a feeding, schooling, and migration; increased predation; effects on metabolic processes and reproduction).[103, 104, 105, 106] The Project is not expected to affect spawning because salmonid, green and white sturgeon, and longfin smelt do not spawn in the Project area. The Project is also not expected to delay upstream migration of adult salmonids because South San Francisco Bay is a migration corridor and adults are very likely using water quality cues to move quickly through the channel to freshwater tributaries to spawn. The Project could increase susceptibility of outmigrating juvenile salmonids to predation because light disrupts their movements[107, 108] and attracts their predators.[109] The activity of certain salmonids in San Francisco Bay, including adult green sturgeon, is independent of light level, without discernable peaks in activity throughout the day or based on light level.[110]

Currently, there is no lighting on the site, but there is a substantial amount of lighting associated with development west and south of the site. Still, trees that line the site along Bayview Place and Airport Boulevard offer some amount of shielding of this lighting, and much of the site is not exposed to artificial lighting. The Project would include outdoor lighting in the landscape and along the exterior of the education center. Lighting would be designed with sensitivity to the adjacent restored habitat and existing habitats (i.e., Sanchez Creek and the Bay) such that the Project would avoid glare, excess light, and light pollution; minimize effects of wildlife through the selection of light color; and reduce high-contrast lighting. In addition, automated interior blackout shades would be installed on all windows on the education center's north/northwest and east façades as well as the galleries' south-facing clerestory windows. These shades would be programmed to close when the building is not in use and between 10 p.m. and sunrise. Given the amount of existing lighting adjacent to the site and the proposed minimization of lighting on the site, the Project would not have appreciably greater illuminance than the existing conditions. Furthermore, those species that currently occur on the site are adapted to artificial lighting and would continue to use the site after Project construction. The lighting design for the Project has not been finalized; therefore, implementation of Mitigation Measure BIO-11 would be required to ensure the Project would sufficiently minimize potential impacts of lighting on wildlife species. Therefore, the impact would be ***less than significant with mitigation***.

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[103] Nightingale, B., T. Longcore, and C. A. Simenstad. 2006. Artificial Night Lighting and Fishes. In *Ecological Consequences of Artificial Night Lighting,* Chapter 11, pages 257–277. Island Press, Washington, D.C.

[104] Longcore, T., A. Rodriguez, B. Witherington, J. F. Penniman, L. Herf, and M. Herf. 2018a. Rapid Assessment of Lamp Spectrum to Quantify Ecological Effects of Light at Night. In *Journal of Experimental Zoology,* 1–11.

[105] Longcore, T. 2018b. Hazard or Hope? LEDs and Wildlife. In *LED Professional Review*, (70):52–57.

[106] Brayley O. D., A. Wakefield, and M. J. How. 2021. The Biological Effects of Light Pollution on Terrestrial and Marine Organisms. In *International Journal of Sustainable Lighting*, 13–38.

[107] Johnson, P. R., K. Bouchard, and F. A. Goetz. 2005. Effectiveness of Strobe Lights for Reducing Juvenile Salmonid Entrainment into a Navigation Lock. In *North American Journal of Fisheries Management,* 25(2):491–501.

[108] Rondorf, D. W., G. L. Rutz, and J. C. Charrier. 2010. *Minimizing Effects of Over-Water Docks on Federally Listed Fish Stocks in McNary Reservoir: A Literature Review for Criteria.* U.S. Army Corps of Engineers, Walla Walla, WA. Report No. 2010-W68SBV91602084.

[109] Nelson, T. R., C. J. Michel, M. Gary, P., B. M. Lehman, and N. J. Demetras. 2021. Effects of Artificial Lighting at Night on Predator Density and Salmonid Predation. In *Transactions of the American Fisheries Society,* 150:147–159.

[110] Kelly, J. T., A. P. Klimley, and C. E. Crocker. 2007. *Movements of Green Sturgeon,* Acipenser medirostris*, in the San Francisco Bay Estuary, California*.

Mitigation Measure BIO-11: Minimize Exterior Lighting

To the extent consistent with the normal and expected operations of the completed Project, measures shall be implemented to minimize the degree to which natural habitats on and surrounding the Project site are illuminated by Project lighting. Such measures may include the installation of motion-sensor lighting, automatic light shut-off mechanisms, downward-facing exterior light fixtures, the use of Dark-Sky-compliant lighting, and others. Exterior lighting within the Project footprint shall be shielded as needed to block illumination from shining upward or outward into the Bay and Sanchez Creek.

Impacts Due to Bird Collision

Development of the Project would result in the construction of one new building on a currently undeveloped site. Construction of the new buildings may increase the risk of avian mortality due to collisions. Glass windows and building façades can result in injury or mortality of birds due to collisions with these surfaces. Because birds do not perceive glass as an obstruction the way humans do, they may collide with glass when the sky or vegetation is reflected in glass (e.g., they see the glass as sky or vegetated areas), when transparent windows allow birds to perceive an unobstructed flight route through the glass (such as at corners), and when the combination of transparent glass and interior vegetation (such as in planted atria) results in attempts by birds to fly through glass to reach that vegetation. These risks are highest for buildings in or near areas of high avian activity or movement, such as migratory corridors, large open spaces, large water bodies, and riparian habitats.

The Project site is located along the Pacific Flyway and within 1 mile of Coyote Point Recreation Area, which supports large numbers of resident and migratory bird species.[111] Currently, avian abundance and diversity is low on the Project site, despite the site's proximity to Coyote Point. This is due to the relatively low-quality habitat that currently exists on the site and the surrounding development. Once the Project is completed, it is anticipated that avian abundance would increase on the site, especially in the restored marsh and ecotone habitats. Thus, the site could be perceived as an "oasis" of bird habitat. Though many of the species associated with the bay shoreline and marsh habitats are not expected to use the upland habitats on the Project site, many resident and migratory species would move between the Project site and nearby habitats. Thus, following construction of the Project, birds using on-site habitats and flying between habitats on the site or flying through the area (from any direction) have some potential to collide with the new building in the absence of bird safe façades.

Given the expected increased value of the site to birds after construction, more birds are expected to utilize and/or fly through the site over the long term, relative to existing conditions. Enough individuals of a variety of species could collide with the new building over time to be a potentially significant impact.

To avoid impacts on birds due to collisions, the Project has incorporated a variety of bird-safe design features into the façade of the education building. For example, the education building would incorporate bird-safe glazing on certain portions of the building to reduce the frequency of bird collisions with glazed façades. The minimum extent of the proposed bird-safe glazing treatment on the building's façades would include the large glass panels on the north/northwest and east façades. Bird-safe glazing treatments may include fritting, netting, permanent stencils, frosted glass, exterior screens, physical grids placed on the exterior of glazing, or ultraviolet patterns visible to birds. The

[111] Cornell Lab of Ornithology. 2025. *eBird: An Online Database of Bird Distribution and Abundance.* Cornell Lab of Ornithology, Ithaca, NY. Available: http://www.ebird.org. Accessed: November 6, 2025.

bird-safe pattern would have vertical elements at least ¼-inch wide, with a minimum spacing of 4 inches, and horizontal elements at least ⅛-inch wide, with a minimum spacing of 2 inches. With these proposed bird-safe design features, impacts due to bird collisions would be sufficiently minimized, and the impact would be ***less than significant***.

Impacts on Nesting Birds and Raptors

Due to the absence of native-dominated or sensitive habitats from the Project site, the habitat on the site supports primarily regionally common, urban-adapted breeding birds, and the numbers that occur on the site (i.e., two to three pairs of each species) represent only a very small proportion of these species' regional populations. In addition, many of these birds are expected to continue to nest and forage on the Project site following Project construction. Although the Project would remove the majority of existing trees, new trees would be planted, and restoration of the site would improve habitat conditions by providing restored tidal salt marsh and marsh-upland ecotone habitats. These habitats, along with landscaping, would continue to provide food and structural resources for the common, urban-adapted resident and migrant birds that use the site and may create nesting and foraging opportunities for additional species. Construction disturbance during the bird nesting season (February 1 through August 31, for most species) could result in the incidental loss of eggs or nestlings, either directly through the destruction or disturbance of active nests or indirectly by causing the abandonment of nests, which would be a significant impact. Implementation of Mitigation Measure BIO-1 and BIO-12 would reduce impacts on nesting birds and raptors by providing environmental awareness training to construction personnel, conducting pre-construction surveys, and implementing protective measures during construction activities. Therefore, the impact would be ***less than significant with mitigation***.

Mitigation Measure BIO-12: Conduct Preconstruction Surveys and Implement Protective Measures to Avoid Disturbance of Nesting Birds and Raptors

To reduce impacts on nesting birds and raptors, the Project proponent shall implement the measures listed below prior to construction activities.

- **Avoidance of the Nesting Season.** To the extent feasible, commencement of demolition and construction activities should be scheduled to avoid the nesting season. If demolition and construction activities are scheduled to take place outside the nesting season, all potential demolition/construction impacts on nesting birds protected under the Migratory Bird Treaty Act (MBTA) and the CFGC shall be avoided. The nesting season for most birds in San Mateo County extends from February 1 through August 31.
    - **Vegetation Removal.** If construction activities shall not be initiated until after the start of the nesting season, all potential nesting substrates (e.g., bushes, trees, grasses, and other vegetation) that are scheduled to be removed by the Project shall be removed prior to the start of the nesting season (e.g., prior to February 1) to the extent feasible. This shall preclude the initiation of nests in this vegetation and minimize the potential delay of the Project due to the presence of active nests in these substrates.
- **Pre-Activity/Pre-Disturbance Surveys—**If it is not possible to schedule construction activities between September 1 and January 31, then pre-activity surveys for nesting birds shall be conducted by a qualified biologist to ensure that no nests shall be disturbed during Project implementation. Surveys shall be conducted no more than 7 days prior to the initiation of ground-disturbing activities. During this survey, the biologist shall inspect all trees and other

potential nesting habitats (e.g., trees and shrubs) in and immediately adjacent to the impact areas for nests. If no active nests are detected during these surveys, no additional measures are required if construction begins within 3 calendar days. An additional survey shall be conducted after any construction breaks of 3 calendar days or more.

  - **Non-Disturbance Buffers.** If an active nest is found sufficiently close to work areas to be disturbed by these activities, the biologist shall determine the extent of a construction-free buffer zone to be established around the nest (typically 300 feet for raptors and 100 feet for other species but subject to variation depending on the opinion of the biologist) to ensure that no nests of species protected by the MBTA and the CFGC shall be disturbed during Project implementation.

- **Nest Monitoring.** A qualified wildlife biologist shall monitor the nest(s) to ensure that construction activities do not affect nest success. Buffers (described above) may be reduced if a full-time qualified biologist is present to monitor the nest. Active nests shall be monitored to track progress of nesting activities until the biologist determines that the young have fledged and are capable of independent survival or the nest site is no longer active.

  - **Authority of Qualified Wildlife Biologist(s).** If, during construction, the qualified wildlife biologist(s) determines that a nesting bird is disturbed by construction activities to the point where continued activities could lead to nest failure, the qualified wildlife biologist(s) shall have the authority to immediately stop work. The qualified wildlife biologist(s) shall determine if additional protective measures (including increasing the non-disturbance buffer distance) need to be implemented and shall continue monitoring the nest until the qualified biologist(s) determine that bird behavior has normalized.

e. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance? (Less than Significant)

Impacts Due to Removal of Ordinance-Size Trees

The Project would remove up to 11 trees that meet the definition of "protected" trees by City of Burlingame. Per the City of Burlingame Tree Ordinance, a tree removal permit from the City's Parks Division and payment of a fee are required for the removal of any trees that meet the definition of "protected" tree, as defined in the *Protected Trees* section above. The removal of trees protected by the City of Burlingame Tree Ordinance, in the absence of compliance with the City Municipal Code, would be considered potentially significant under CEQA. In accordance with the provisions of the City of Burlingame Tree Ordinance, the Project would comply with standard City of Burlingame tree removal permit conditions and replace trees that are removed in accordance with tree removal policies. Such compliance will sufficiently minimize any potential impacts due to conflicts with the City of Burlingame Tree Ordinance, and this impact would be ***less than significant***.

Impacts Due to Conflicts with the City of Burlingame's Bird-Safe Design Requirements

The zoning code for the City of Burlingame references bird-safe design requirements within the design guidelines of the Bay Front Commercial (BFC) zoning district in which the Project is located. Section 25.12.060 (Design Principles for Bayfront Commercial Zoning District) includes the following:

> Bird Friendly Design. All development shall incorporate a bird-friendly design that minimizes potential adverse impacts on native and migratory birds, such as fritted or patterned glass, projecting architectural features, lighting design, and screening with trees.

As discussed in Impact IV(d), the Project would incorporate bird-safe glazing on, at a minimum, the north/northwest and east façades of the education building. The bird-safe pattern would have vertical elements at least ¼ inch wide, with a minimum spacing of 4 inches, and horizontal elements at least ⅛ inch wide, with a minimum spacing of 2 inches, which would minimize potential adverse impacts on native and migratory birds. Such compliance would reduce impacts due to conflicts with the City's bird-safe design zoning requirements, and this impact would be ***less than significant***.

f. Conflict with the provisions of an adopted habitat conservation plan, natural community conservation plan, or other approved local, regional, or state habitat conservation plan? (No Impact)

The San Bruno Mountain Habitat Conservation Plan is the only habitat conservation plan that has been approved in San Mateo County, but this plan does not cover the Project site or the surrounding vicinity. No natural community conservation plans have been approved or are in preparation in San Mateo County. Therefore, the proposed Project would not conflict with any adopted habitat conservation plans or natural community conservation plans or with any other approved local, regional, or State habitat conservation plans. Therefore, there would be ***no impact.***

V. Cultural Resources

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
Would the Project:				
a. Cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5?	☐	☐	☐	☒
b. Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?	☐	☒	☐	☐
c. Disturb any human remains, including those interred outside of dedicated cemeteries?	☐	☐	☒	☐

Setting

The Project site is in the northeastern portion of Burlingame, between US 101 and San Francisco Bay. The geologic setting in the vicinity of the Project site has been dramatically altered over time. The area was within tidal marshes until the 1960s.[112] The underlying landform of the tidal marshes is Holocene and generally considered sensitive for archaeological material. Tidal marshes were important resource collection areas for the native people of the Bay Area and often associated with human occupation. The presence of freshwater streams, shore birds, and marine resources makes tidal marshes rich in dietary material.

The original Bayshore Highway (now US 101) was constructed south of the Project site during the 1930s, although the Project site itself was not created until a campaign of land reclamation began during the 1960s. In 1962, commercial real estate developers and brothers David and George Keyston initiated reclamation efforts on 155 acres of reclaimed tidelands along San Francisco Bay by forming Reclamation District No. 2097 and hiring a civil engineer to develop a plan for light industrial and commercial development. Historic maps depict the area as mostly marshland in 1968 and as dry land by 1973.[113] During this time, excavated material was used to fill the marshes and create a more stable base for development. [114] In 1972, an agreement between the Anza Pacific Corporation, the State Lands Commission, and the U.S. Army Corps of Engineers catalyzed reclamation efforts after stalled efforts in the late 1960s. The Project site was completed by 1973; the following year, the entire 155 acres was reclaimed, though the Project site has remained undeveloped. In contrast, the surrounding area has experienced growth since 1973, and by 2000, it was completely developed.[115] Additional historic context and summaries of the geological setting and buried site sensitivity for the Project site are included in the

[112] U.S. Geological Survey. 1961, 1964. *San Francisco Topographic Quadrangle Map*. Reston, VA. Accessed: January 24, 2025.

[113] U.S. Geological Survey. 1968, 1973. *San Mateo Topographic Quadrangle Map*. Reston, VA. Accessed: July 25, 2018.

[114] Pampeyan, E. H. 1994. *Geologic Map of the Montara Mountain and San Mateo 7.5-minute Quadrangles*, San Mateo County, California. U.S. Geological Survey.

[115] Nationwide Environmental Title Research, LLC. 1968, 1980, 1993, and 2002. Aerial photograph: 37.6425426976551, -122.40378233044878. Available: https://www.historicaerials.com/viewer. Accessed: January 24, 2025.

Standard Records Search and Literature Review in Support of Bay Rise Park at 410 Airport Boulevard, Burlingame, San Mateo County, California, prepared for the Project by PaleoWest (Appendix C, *Cultural Resources Report*).[116]

The Project site at 410 Airport Boulevard includes assessor's parcel numbers (APNs) 026-363-600 and 026-363-610, which are leased from the State Lands Commission (SLC). The site is a vacant lot within historical baylands that were previously filled. The Project site is within the San Francisco Bay Conservation and Development Commission (BCDC) Shoreline Band. An unimproved portion of the Bay Trail is located along the northern edge of the Project site, and an unused gravel parking lot is located at the western edge of the Project site, adjacent to a paved parking lot for Kincaid's, a restaurant. There is also an abandoned paved parking lot on the eastern edge of the site, along with other hardscape infrastructure from the former Sherman restaurant, which was on a moored boat in Sanchez Creek. A Federal Aviation Administration (FAA) tower associated with San Francisco International Airport (SFO) is on an easement within this eastern parking lot. The easement is currently leased from SLC.

Records Search

ICF archaeologist Shelby Caulder conducted a review of existing literature in the California Historical Resources Information System (CHRIS) at the Northwest Information Center (NWIC) on December 14, 2023. During the review, the Project site, as well as a 0.5-mile buffer, was examined to identify archaeological resources or previously conducted cultural resource studies. One previously conducted cultural resource study was found within the Project site; 10 previously conducted cultural resource studies were found that covered areas within 0.5 mile of the Project site. Of the 10 studies, five were archaeological field studies, four were field studies that included both archaeological and architectural resources, and one was a field study that pertained to historical architecture. Although the Project site was not found to be adequately surveyed as a result of prior studies, supplemental survey was deemed unnecessary because the landform was constructed in the early 1970s. Table 3.5-1 identifies the previously conducted cultural resource study.

Table 3.5-1. Previously Conducted Cultural Resource Studies within the Project Site

Study Number	Author	Date	Title
S- 020508	Suzanne Baker and Ward Hill	1998	Archaeological Survey and Historic Architectural Survey of the Low-Level Windshear Alert System (LLWAS) Project, Sites #4, #5, and #8, San Mateo County, California

No previously recorded archaeological resources were identified within the Project site or within 0.5 mile of the Project site. Fourteen built-environment resources were identified within 0.5 mile of the Project site.

In addition to the CHRIS records search, a search of the Native American Heritage Commission's (NAHC's) Sacred Land File (SLF) was also requested on December 21, 2023. The NAHC responded on December 29 and confirmed that the search of the SLF was negative. AB 52 consultation was also conducted, as detailed in Section 3.18, Tribal Cultural Resources.

[116] PaleoWest. 2024. *Standard Records Search and Literature Review in Support of Bay Rise Park at 410 Airport Boulevard, Burlingame, San Mateo County, California.* September.

Historical Resources

According to the *Standard Records Search and Literature Report in Support of Bay Rise Park at 410 Airport Boulevard, Burlingame, San Mateo County, California*, prepared by PaleoWest on September 25, 2024, no potential built-environment historical resources are present on the Project site.[117]

Archaeological Resources

No archaeological resources have been identified within the Project site or within the 0.5-mile buffer. Given that the landform the Project site sits on was constructed in the early 1970s, there is little sensitivity for finding archaeological material on the surface as well as within the imported fill (approximately 6 to 10 feet below surface). Below the imported fill lays approximately 2 to 4 feet of younger Bay Mud. Because this area was previously a tidal marsh and an important resource collection area for the native tribes of the Bay Area, the stratigraphy, including younger Bay Mud, is considered to have elevated sensitivity for archaeological materials.

Discussion

a. Cause a substantial adverse change in the significance of a historical resource, pursuant to Section 15064.5? (No Impact)

For a cultural resource to be considered a historical resource (i.e., eligible for listing in the California Register of Historical Resources [CRHR]), it must generally be 50 years or older. Under CEQA, historical resources can include precontact (i.e., Native American) archaeological deposits, historic-period archaeological deposits, historic buildings, and historic districts. CEQA requires agencies that are considering projects that are subject to discretionary action to consider the potential impacts on cultural resources that may occur from project implementation.

The Project site does not contain any above-ground built-environment resources (buildings, structures, objects, or districts) that would have the potential to qualify as CEQA historical resources. No historic-aged (more than 50 years old) built-environment resources are located within the study area for the project, and no built-environment resources were identified within the study area as a result of the records search conducted for the Project. Therefore, new development on the Project site would not have the potential to cause a substantial adverse change in the significance of any built-environment historical resource, as defined in Section 15064.5 of the CEQA Guidelines. The Project would not demolish a significant historical resource or alter its physical characteristics, nor would it change elements within the historic setting of such a resource. Therefore, the Project would have ***no impact*** on built-environment historical resources

b. Cause a substantial adverse change in the significance of an archaeological resource, pursuant to Section 15064.5? (Less than Significant with Mitigation Incorporated)

No archaeological resources were identified on the Project site or within 0.5 mile of the Project site during the literature review conducted at the NWIC. However, the Project site is in an area that has some potential for encountering as-yet unknown archaeological resources. As stated previously, the Project site is in an area that was previously a tidal marsh and an important resource collection area for the native tribes of the Bay Area. The archaeological and historical contexts of the Project site, combined with its Holocene-age soils, indicate some sensitivity for subsurface archaeological deposits. The Project site, which has been

[117] PaleoWest. 2024. *Standard Records Search and Literature Review in Support of Bay Rise Park at 410 Airport Boulevard, Burlingame, San Mateo County, California.* September.

developed, is in an area with known imported fill, which is between 6 and 10 feet deep and underlain by 2 to 4 feet of younger Bay Mud. Beneath this are interbedded layers of dense sand and stiff clay. With a possibility of construction related excavations reaching a maximum depth of 60 feet, some of the deeper ground-disturbing activities have the potential to affect intact and as-yet undocumented archaeological resources during construction. Therefore, the Project has the potential to affect as-yet unknown prehistoric and historic archaeological resources. Such resources may be eligible for listing in the CRHR. If such resources were to be destroyed by Project-related activities, the impact would be significant. Implementation of Mitigation Measure CUL-1 would require construction work to stop if an archeological material or feature is encountered during ground-disturbing activities. Mitigation Measure CUL-1 would also require proper treatment of any archeological resources that are found during construction. Implementation of Mitigation Measure CUL-1 would ensure that impacts on as-yet unknown cultural resources would be avoided and minimized, resulting in a ***less-than-significant impact after mitigation***.

Mitigation Measure CUL-1: Stop Work if Archaeological Material or Features Are Encountered during Ground-disturbing Activities

The applicant shall retain a professional archaeologist to provide a preconstruction briefing to supervisory personnel of any excavation contractor and alert them to the possibility of exposing significant prehistoric archaeological resources within the Project site. During the briefing, the archaeologist shall discuss archaeological objects that could be exposed, the need to stop excavation at the site of the discovery, and the procedures to follow regarding protection of the discovery and notification of the Project Sponsor and archaeological team. An "Alert Sheet" shall be posted in conspicuous locations at the Project site to alert personnel to the procedures and protocols to follow regarding the discovery of potentially significant prehistoric archaeological resources.

If deposits or precontact or historical archaeological materials are encountered during Project construction activities, all work within 25 feet of the discovery shall be redirected and a qualified archaeologist shall assess the situation, consult with agencies as appropriate, and make recommendations for the treatment of discovery. Project personnel shall not collect or move any archaeological materials. Archaeological materials can include flaked-stone tools (e.g., projectile, points, knives, and choppers) or obsidian, chert, basalt, or quartzite toolmaking debris; bone tools; culturally darkened soil (i.e., midden soil often containing heat-affected rock, ash, and charcoal, shellfish remains, bones, and other cultural materials); and stone-milling equipment (e.g., mortars, pestles, and handstones). Prehistoric archaeological sites often contain human remains. Historical materials can include wood, stone, concrete, or adobe footings, walls, and other structural remains; debris-filled wells or privies; and deposits of wood, glass, ceramics, metals, and other refuse.

If the find is determined to be potentially significant, the archaeologist, in consultation with the Native American representative, shall develop a treatment plan, which could include site avoidance, capping, or data recovery. The final disposition of archaeological, historical, and paleontological resources recovered on State Lands under the jurisdiction of the California State Lands Commission must be approved by the Commission.

c. Disturb any human remains, including those interred outside of dedicated cemeteries? (Less than Significant)

Although no isolated human remains, cemeteries, or archaeological resources that contain human remains were identified within the Project site during the literature review at the NWIC, the potential

exists for previously undiscovered human remains to be encountered during Project demolition or construction. In the event that human remains are identified during Project activities, these remains would be required to be treated in accordance with Section 7050.5 of the California Health and Safety Code and Section 5097.98 of the Public Resources Code, as appropriate. Section 7050.5 of the California Health and Safety Code states that, in the event of discovery or recognition of any human remains in any location other than a dedicated cemetery, there shall be no further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent remains until the coroner of the county in which the remains are discovered has determined whether or not the remains are subject to the coroner's authority. If the human remains are of Native American origin, the coroner must notify the NAHC within 24 hours of this identification. The NAHC will identify a Native American Most Likely Descendent (MLD) to inspect the site and provide recommendations for the proper treatment of the remains and associated grave goods. Compliance with the California Health and Safety Code would ensure that impacts on human remains would be ***less than significant***.

VI. Energy

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
Would the Project:				
a. Result in a potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources during Project construction or operation?	☐	☐	☒	☐
b. Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☐	☐	☒	☐

Setting

Electricity

Grid electricity and natural gas service in Burlingame is provided by Pacific Gas & Electric (PG&E) and Peninsula Clean Energy (PCE). PG&E is a publicly traded utility company that generates, purchases, and transmits energy under contract with the California Public Utilities Commission. PG&E's service territory is 70,0000 square miles in area, roughly extending north to south from Eureka to Bakersfield and east to west from the Sierra Nevada to the Pacific Ocean. PG&E's electricity distribution system consists of 106,681 circuit miles of electric distribution lines and 18,466 circuit miles of interconnected transmission lines.[118] PG&E electricity is generated by a combination of sources, such as hydropower, gas-fired steam, and nuclear energy, as well as newer sources of energy, such as wind turbines and photovoltaic plants or solar farms. The grid, or bulk electric grid, is a network of high-voltage transmission lines that link power plants to substations. The distribution system, composed of lower-voltage secondary-lines, is at the street and neighborhood level. It consists of overhead or underground distribution lines, transformers, switching equipment, and service "drops" that connect to the individual customer.[119] The Project site has existing overhead utility distribution lines along the southern boundary of the site along Airport Boulevard.

The City of Burlingame is part of PCE, San Mateo County's electricity provider, which distributes additional renewable power to the region. PCE is a community-choice energy (CCE) program, which is a locally controlled community organization that enables residents and businesses to have a choice regarding where their energy comes from. CCE programs allow local governments to pool the electricity demands of their communities, purchase power with higher renewable content, and reinvest in local infrastructure. Currently, PG&E delivers the power, maintains the lines, and bills customers, but the power is purchased by the CCE program from renewable energy sources such as solar, wind, hydroelectric, geothermal, and biomass.[120]

[118] PG&E. 2024. *Company Profile*. Available: https://www.pge.com/en/about/company-information/company-profile.html. Accessed: June 28, 2024.

[119] PG&E. n.d. *PG&E's Electric System*. Available: https://www.pge.com/assets/pge/docs/about/pge-systems/pge-electric-system.pdf. Accessed: June 28, 2024.

[120] Peninsula Clean Energy. 2024. *Background.* Available: https://www.peninsulacleanenergy.com/background/?_gl=1*1uzgbjs*_ga*NTQwMzYxNTIwLjE2OTQ0NjkwNT. Accessed: June 28, 2024.

Natural Gas

PG&E's natural gas (methane) pipe delivery system includes 42,000 miles of distribution pipelines and 6,700 miles of transmission pipelines. Gas delivered by PG&E originates in gas fields in California, the Southwest, Rocky Mountains, and Canada. Transportation pipelines send natural gas from fields and storage facilities in large pipes under high pressure. The smaller distribution pipelines deliver gas to individual businesses or residences. PG&E gas transmission pipeline systems serve approximately 15 million gas and electric energy customers in California. The system is operated under an inspection-and-monitoring program in real time on a 24-hour basis. The program provides leak inspections, conducts surveys, and patrols of the pipelines.[121]

Discussion

a. Result in a potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources during Project construction or operation? (Less than Significant)

Construction

Project construction activities would require the use of trucks and other types of heavy equipment that operate on fossil fuels. Construction activities are expected to require truck trips related to demolition, excavation, tree removal, and the import of fill and other construction materials. In addition to haul trucks, Project construction would require the use of other powered equipment, including an excavator, dump truck, backhoe, drill rig, bulldozer, air compressor, crane, and roller and paver.

It is estimated that the Project would consume approximately 31,626 million British thermal units (BTUs) of energy in total during construction activities. Energy consumed during construction of the Project would result primarily from the use of diesel-powered construction equipment (e.g., excavators). In addition, the Project would be consistent with relevant policies from the City's Climate Action Plan (CAP), which is geared toward reducing construction-related GHG emissions, including emissions from energy resources. This is discussed further in Section VIII, *Greenhouse Gas Emissions*. Construction energy consumption would cease once construction of the Project is complete; therefore, it is considered short term. Construction would not result in wasteful, inefficient, or unnecessary consumption of energy resources. The impact would be ***less than significant***.

Operation

The Project would consume energy to support normal day-to-day operations associated with the proposed public nature and recreation park with an education center/event building. It is anticipated that the Project would consume approximately 450,000 kilowatt hours (kWh) (or approximately 1,535 million BTU) and 3,300,000 gallons of water per year during operations. Vehicles and mass transit used by employees and visitors when traveling to and from the Project site would require energy in the form of gasoline, diesel, natural gas, and/or electricity. The specific fuel required would depend on the mode of transportation and type of engine used to propel the vehicle. However, due to the small size of the Project, it is anticipated that it would generate fewer than 110 daily vehicle trips and would not consume significant amounts of energy resources in the form of fuel. In addition, the

[121] PG&E. 2024. *Gas Systems—Discover the Basics of Our System by the Number*s. Available: https://www.pge.com/en/about/pge-systems/gas-systems.html#tabs-fc6b80548f-item-94036063d6-tab. Accessed: June 28, 2024.

Project would provide access to alternative modes of transportation such as transit (e.g., Burlingame Point Shuttle) as well as bicycle and pedestrian options (e.g., Bay Trail). The Project would provide at least four short-term bicycle parking spaces and 17 electric-vehicle (EV) parking spaces on the Project site.

Energy would also be required to heat and cool the proposed education center/event building, provide indoor and outdoor lighting, and transport water/wastewater. The Project would be within the 70,000-square-mile PG&E service territory for electricity and natural gas generation, transmission, and distribution; because the building would be entirely electric, no gas would be required for operation. The proposed education center/event building would be oriented and sited on the Project site so as to maximize natural ventilation and solar access, thereby reducing the proposed building's reliance on mechanical heating and cooling systems. In addition, the proposed building would incorporate high-performance materials with low embedded energy and high sound insulation properties as well as materials manufactured with a high level of recycled content. Furthermore, the building's roof would be designed to capture rainwater and composed of high-albedo material to reflect sunlight and lower direct heat gain. Within the proposed all-electric building, an energy management system would manage building temperatures and optimize energy use by balancing outdoor temperatures with window openers and actuators for cross-ventilation. The proposed building would also incorporate high-performance heating, ventilation, and air conditioning (HVAC) systems to optimize building heating and cooling efficiency as well as low-flow plumbing fixtures to reduce potable water use. The Project Sponsor is also currently evaluating future use of integrative systems that would incorporate small-scale wind power or solar panels to lower the overall energy use required by the Project. Because of the Project's size and location within an urban setting, buildout of the Project would not significantly increase energy demand within the service territory and would not require new energy facilities.

The Project would be required by law to adhere to California Code of Regulations (CCR) Title 24, the California Green Building Standards Code (CALGreen), and adopted City energy conservation ordinances and regulations. Unless otherwise noted in the regulation, all newly constructed buildings in California are subject to the requirements of CALGreen, which contains both mandatory and voluntary measures. For non-residential land uses, there are several mandatory measures, including measures regarding reductions in exterior light pollution, water-conserving plumbing fixtures and fittings, recycling, and efficient HVAC systems. In addition, the Project would be required to implement relevant policies from the City's CAP, which are geared toward reducing operational GHG emissions. This is discussed further in Section VIII, *Greenhouse Gas Emissions*. Accordingly, with implementation of adopted state and City energy conservation measures, the Project would result in a ***less-than-significant impact*** with respect to the wasteful, inefficient, or unnecessary consumption of energy resources.

b. Conflict with or obstruct a state or local plan for renewable energy or energy efficiency? (Less than Significant)

The Project would be required to use energy-efficient building materials and construction practices, in accordance with CALGreen and Chapter 18.30 of the City Municipal Code, which contains the Green Building Standards Code. The Project would also use modern appliances and equipment, in accordance with the 2006 Appliance Efficiency Regulations (CCR Title 20, Sections 1601 through 1608). Per these requirements, the Project would use recycled construction materials; environmentally sustainable building materials; designs that reduce the amount of energy used in building heating and cooling systems, compared to conventionally built structures; and landscaping that incorporates water-efficient irrigation systems, all of which would conserve energy. In addition, the City's 2040 General Plan contains goals, policies, and programs that require local planning and development decisions to consider impacts

on energy resources. The Project would adhere to general plan goals, policies, and programs, which would serve to increase energy conservation and minimize potential impacts associated with energy use. As part of the City's approval process, the Project would be required to comply with existing regulations, including General Plan policies and zoning regulations that promote energy conservation and efficiency by requiring sustainable building practices and reducing automobile dependency. Furthermore, implementation of the City's CAP and compliance with CALGreen, as well as other applicable state and local energy efficiency measures, would result in energy conservation and savings. Refer to Section VIII, *Greenhouse Gas Emissions,* for additional discussion of the Project's consistency with regulations related to sustainability. The Project would result in a ***less-than-significant impact*** related to conflicting with a state or local plan for renewable energy and energy efficiency.

VII. Geology, Soils, and Paleontological Resources

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
Would the Project:				
a. Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
1. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	☐	☐	☐	☒
2. Strong seismic ground shaking?	☐	☐	☐	☒
3. Seismically related ground failure, including liquefaction?	☐	☐	☒	☐
4. Landslides?	☐	☐	☐	☒
b. Result in substantial soil erosion or the loss of topsoil?	☐	☐	☒	☐
c. Be located on a geologic unit or soil that is unstable or would become unstable as a result of the Project and potentially result in an on-site or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?	☐	☐	☒	☐
d. Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	☐	☐	☒	☐
e. Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems in areas where sewers are not available for the disposal of wastewater?	☐	☐	☐	☒
f. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☒	☐	☐

Setting

Geology and Soils

Burlingame is in the Coast Ranges geomorphic province in eastern San Mateo County, adjacent to San Francisco Bay.[122] The Bay Area is considered one of the most seismically active areas in the country and therefore is subject to the effects of earthquakes. The city of Burlingame, as well as the Project site, is situated in the central portion of the San Francisco Peninsula at the eastern edge of a system of ridges, valleys, and hills that lie east of the northwest-trending rift valley of the active San Andreas fault. The San Andreas fault is a major fault that traverses the Bay Area, extending from the Gulf of California in Mexico to Cape Mendocino in California. Basement rock west of the San Andreas fault is generally granite; to the east, it is generally composed of marine sedimentary, submarine volcanic, and metamorphic rocks of the Franciscan Complex, both of Jurassic to Cretaceous age. Overlying the basement rocks are Cretaceous marine and Tertiary marine and non-marine sedimentary rock, with some continental volcanic rock. These Cretaceous and Tertiary rocks, which have been extensively folded and faulted because of movement along the San Andreas fault system, are overlain with sediments of Quaternary age.

The Project site is relatively flat, with ground surface elevations generally ranging from 6 to 12 feet but with several localized high areas north of the site reaching 15 feet.[123] The Project site is underlain by non-engineered fill, consisting of very soft to stiff clay with varying amounts of gravel and sand, along with trace concrete fragments and clayey sand with gravel, varying in thickness from approximately 7 to 16 feet. Beneath the fill is a weak, compressible marine clay known locally as Bay Mud, ranging from 1.5 to 11 feet. Underlying the Bay Mud is medium-stiff to hard clay and sandy clay as well as interbedded layers of medium-dense to very dense sand and gravel with varying amounts of silt. Bedrock is expected to be several hundred feet below ground surface (bgs).[124] Groundwater was encountered at depths ranging from 4.4 to 13 feet bgs but is expected to fluctuate considerably, based on tidal conditions.[125]

As stated previously, the Project site is in an area that is subject to earthquakes. The Alquist-Priolo Earthquake Fault Zoning Act (1972) and the Seismic Hazards Mapping Act (1990) direct the State Geologist to delineate regulatory zones to help cities and counties prevent the construction of buildings for human occupancy on the surface trace of active faults. The Project site is not in an established California Earthquake Fault Zone. No active faults or extensions of active faults exist beneath the Project site.[126] However, the Project site is near several active faults that are capable of generating large earthquakes.

Table 3.7-1 shows the regional fault segments, the distance from the Project site, the direction from the Project site, and the estimated mean characteristic moment magnitude.[127] Table 3.7-2 provides specific estimates of the probabilities of a magnitude 6.7 or greater earthquake on Bay Area faults within the next 30 years.

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[122] California Department of Conservation, California Geological Survey. 2002. *California Geomorphic Provinces Note 36*. Available: https://www.conservation.ca.gov/cgs/documents/publications/cgs-notes/CGS-Note-36.pdf. Accessed: September 13, 2023.

[123] Langan Engineering and Environmental Services, Inc. 2021. *Preliminary Geotechnical Investigation, Burlingame Shoreline Park, Burlingame, California*. June 28. Prepared for the SPHERE Institute.

[124] Ibid.

[125] Ibid.

[126] Ibid.

[127] Moment magnitude is an energy-based scale that provides a physically meaningful measure of the size of a faulting event. Moment magnitude is directly related to the average slip and fault rupture area.

Table 3.7-1. Regional Faults and Seismicity

Fault Segment	Approx. Distance from Fault (mi)	Direction from Site	Mean Characteristic Moment Magnitude
N. San Andreas – Peninsula	3.1	West	7.23
N San Andreas (1906 event)	3.1	West	8.05
San Gregorio Connected	9.9	West	7.50
Monte Vista-Shannon	11.8	Southeast	6.50
Total Hayward	14.9	Northeast	7.00
Total Hayward-Rodgers Creek	14.9	Northeast	7.33
N. San Andreas – North Coast	18.6	Northwest	7.51
Total Calaveras	23.6	East	7.03
Mount Diablo Thrust	25.5	Northeast	6.70
Green Valley Connected	28.6	Northeast	6.80

Source: Langan Engineering and Environmental Services, Inc. 2021. *Preliminary Geotechnical Investigation, Burlingame Shoreline Park, Burlingame, California.* June 28. Prepared for the SPHERE Institute.

Table 3.7-2. WGCEP (2015) Estimates of 30-Year Probability (2014 to 2043) of a Magnitude 6.7 or Greater Earthquake

Fault	Probability (percent)
Hayward-Rodgers Creek	32
N. San Andreas	33
Calaveras	25
Green Valley	7
San Gregorio	6
Greenville	6
Mount Diablo Thrust	4

Source: Langan Engineering and Environmental Services, Inc. 2021. *Preliminary Geotechnical Investigation, Burlingame Shoreline Park, Burlingame, California.* June 28. Prepared for the SPHERE Institute.

The Project site is mapped as having the potential for liquefaction.[128] The site is underlain by several potentially liquefiable layers that, during a major earthquake, could experience liquefaction-induced settlement on the order of approximately 0.25 to 1.25 inches, depending on the layer.[129] The Project site is not subject to landslides.[130]

Paleontological Resources

Paleontological resources are fossilized remains, traces, or imprints of once-living organisms that have been preserved in rocks and sediments, providing evidence of past life on Earth. The Society of Vertebrate Paleontology states that significant paleontological resources include fossils of identifiable vertebrate

[128] California Geological Survey. 2018. *Earthquake Zones of Required Investigation*. CGS Liquefaction Zones Operational Layer. Available: https://maps.conservation.ca.gov/cgs/eqzapp/app/. Accessed: June 11, 2024.

[129] Langan Engineering and Environmental Services, Inc. 2021. *Preliminary Geotechnical Investigation, Burlingame Shoreline Park, Burlingame, California*. June 28. Prepared for the SPHERE Institute.

[130] California Geological Survey. 2018. *Earthquake Zones of Required Investigation*. CGS Landslide Zones. Available: https://maps.conservation.ca.gov/cgs/eqzapp/app/. Accessed: June 11, 2024.

fossils, large or small, and uncommon invertebrate, plant, and trace fossils.[131] The potential for an area to yield significant paleontological resources depends on the geologic age and origin of the underlying rock.

No known paleontological resources have been recorded at the Project site.[132] However, paleontological resources have been recovered from multiple locations in the San Francisco Bay Area, including inland San Mateo County.[133] As mentioned above, the site is underlain by artificial fill and marine deposits known locally as Bay Mud, which is underlain by medium-stiff to hard clay and sandy clay as well as interbedded layers of medium-dense to very dense sand and gravel.[134] In addition, stratigraphic modeling performed for the Project site identified underlying Holocene and Pleistocene-age alluvia, which are considered sensitive for prehistoric deposits.[135] Furthermore, much of the Burlingame area is underlain by dense alluvial and fluvial sediments of Pleistocene age;[136] therefore, the sandy clay underlining the Project site most likely includes sediments that date to the Pleistocene epoch. Pleistocene-age sediments in the Bay Area have yielded vertebrate fossils that have the potential to be important in scientific investigation and understanding the history of life on Earth.

Discussion

a. Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:

1. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42. (No Impact)

The Project site is not within an earthquake fault zone, as defined by the Alquist-Priolo Earthquake Fault Zoning Act (1972) or the Seismic Hazards Mapping Act (1990), and no known fault or potentially active fault exists within the Project site.[137] In seismically active areas, such as the Bay Area, the remote possibility exists for future faulting in areas where faults were not previously mapped; however, the likelihood of surface fault rupture as a result of seismic activity at the Project site is low. Therefore, the Project would not exacerbate risks of fault rupture, resulting in the risk of loss, injury, or death involving rupture of a known earthquake fault, and there would be ***no impact***.

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131 Society of Vertebrate Paleontology. 2010. *Standard Procedures for the Assessment and Mitigation of Adverse Impacts to Paleontological Resources.* Available: https://vertpaleo.org/wp-content/uploads/2021/01/SVP_Impact_Mitigation_Guidelines-1.pdf. Accessed: June 14, 2024.

132 University of California Museum of Paleontology. 2020. *Specimen Search*. Available: https://ucmpdb.berkeley.edu/. Accessed: June 13, 2024.

133 Ibid.

134 Langan Engineering and Environmental Services, Inc. 2021. *Preliminary Geotechnical Investigation, Burlingame Shoreline Park, Burlingame, California*. June 28. Prepared for the SPHERE Institute.

135 PaleoWest. 2024. *Standard Records Search and Literature Review in Support of Bay Rise Park at 410 Airport Boulevard, Burlingame, San Mateo County, California.*

136 City of Burlingame. 2010. Burlingame Downtown Specific Plan. Initial Study/Mitigated Negative Declaration. May 27. Prepared by PGS&J, San Francisco, CA. Prepared for City of Burlingame, Burlingame, CA. Available: https://www.burlingame.org/departments/planning/general_and_specific_plans.php. Accessed: June 13, 2024.

137 Langan Engineering and Environmental Services, Inc. 2021. *Preliminary Geotechnical Investigation, Burlingame Shoreline Park, Burlingame, California. June 28.* Prepared for the SPHERE Institute.

2. Strong seismic ground shaking? (No Impact)

The city of Burlingame lies close to historically active faults that can generate strong earthquakes. Development within the city is likely to be subject to strong seismic ground shaking. This includes development at the Project site. The intensity of earthquake ground motions would depend on the characteristics of the generating fault, distance to the fault and rupture zone, earthquake magnitude, earthquake duration, and site-specific geologic conditions. The San Andreas fault is the closest active fault to the Project site, approximately 5 miles to the west. This fault is estimated to have a 33 percent chance of producing an earthquake with a magnitude greater than 6.7 sometime within the next 30 years.[138] Accordingly, implementation of the Project would expose people and structures to strong seismic ground shaking in case of earthquake. However, according to City Municipal Code Title 18, Chapter 8.005 and Chapter 08.105, Burlingame has adopted the 2022 California Building Standards Code (CBSC), Part 2, Volumes 1 and 2. The code requires a design-level geotechnical study to be performed for structures that would be built in areas with known geological hazards, including seismic hazards. Implementation of the recommendations provided in the design-level Project geotechnical study would minimize risks related to public safety. Therefore, the Project would not exacerbate risks of strong seismic ground shaking that would result in loss, injury, or death, and there would be ***no impact***.

3. Seismically related ground failure, including liquefaction? (Less than Significant)

The city of Burlingame lies close to historically active faults that can generate strong earthquakes. As explained under *Setting*, the Project site is mapped as having the potential for liquefaction.[139] The Project could exacerbate risks related to liquefaction. For example, the weight of structures constructed as part of the Project on liquefiable soils would make displacement more likely. The geotechnical report notes that the Project site is underlain by loose to medium-dense sand and gravel below the groundwater level, several of layers of which could be liquefiable during a major earthquake. The Preliminary Geotechnical Investigation estimates liquefaction-induced settlement to be on the order of approximately 0.25 to 1.25 inches.[140]

According to City Municipal Code Title 18, Chapters 8.005 and 08.105, Burlingame has adopted the 2022 CBSC, Part 2, Volumes 1 and 2. The code requires a design-level geotechnical study to be performed for structures that would be built in areas with known geological hazards. With implementation of the recommendations provided in the design-level Project geotechnical study, impacts related to seismic-related ground failure, including liquefaction, would be ***less than significant***.

4. Landslides? (No Impact)

The Project site is not within a mapped landslide zone or a designated earthquake-induced landslide zone, as shown on the California Geological Survey seismic hazard zone map for the area.[141] The Project site is relatively flat, with ground surface elevations generally ranging from 6 to 12 feet. Therefore, the Project would not exacerbate landslide risks. There would be ***no impact*** related to landslide hazards.

[138] Ibid.
[139] Ibid.
[140] Ibid.
[141] Ibid.

b. Result in substantial soil erosion or the loss of topsoil? (Less than Significant)

The 10.2-acre Project site is currently vacant and undeveloped. Project construction would require demolition, soil import and export, excavation, and tree removal. Construction activities would be required to comply with the provisions in Appendix J of the 2022 CBSC with respect to grading, excavating, and earthwork. In addition, because more than 1 acre of soil would be affected by the Project, the Project would be subject to a Construction General Permit, which stipulates erosion control requirements. These requirements include preparation and implementation of a Stormwater Pollution Prevention Plan (SWPPP) that contains best management practices (BMPs). The purpose of the SWPPP is to identify potential sediment sources and prescribe BMPs to ensure that potential adverse erosion impacts do not occur during construction. Implementation of the SWPPP with BMPs would control stormwater runoff emanating from the construction site. BMPs may include damp street sweeping; appropriate covers, drains, and storage precautions for outdoor material storage areas; and temporary cover for disturbed surfaces, which would help to minimize erosion. Furthermore, Project conformance to City grading standards and the San Mateo County Stormwater Management Plan would prevent substantial erosion as a result of construction and implementation. Therefore, the impact would be ***less than significant***.

c. Be located on a geologic unit or soil that is unstable or would become unstable as a result of the Project and potentially result in an on-site or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse? (Less than Significant)

Liquefaction occurs when saturated soils lose strength and stiffness with applied stress, such as during an earthquake. The lack of cohesion causes solid soil to behave like a liquid, resulting in ground deformation. Ground deformation can take on many forms, including, but not limited to, flow failure, lateral spreading, lowering of the ground surface, ground settlement, loss of bearing strength, ground fissures, and sand boils. Liquefaction within subsurface layers, which can occur during ground shaking associated with an earthquake, could result in ground settlement. The soil types most susceptible to liquefaction are loose to moderately dense, saturated non-cohesive soils with poor drainage, such as sands and silts with interbedded or capping layers of relatively low permeability. Lateral spreading typically occurs on gentle slopes with a rapid fluid-like flow. It can also occur when the potential exists for liquefaction in underlying saturated soils.

The Project site is in an area with the potential for liquefaction.[142] The analysis conducted in the Preliminary Geotechnical Investigation estimates that approximately 0.25 to 1.25 inches of ground surface settlement could result from liquefaction after a seismic event. However, the Project would be required to conform to the CBSC to withstand earthquakes and other soil hazards and implement all building design recommendations made by the Geotechnical Engineer. With incorporation of code requirements and recommendations made by the Geotechnical Engineer, which the City requires as conditions of approval, the potential for liquefaction at the Project site would be ***less than significant***.

According to the U.S. Geological Survey (USGS), subsidence is the gradual settling or sinking of the surface due to the movement of subsurface materials. The main cause of subsidence in California is excessive groundwater pumping;[143] however, subsidence can also be caused by peat loss and oil extraction. Burlingame has not experienced subsidence as a result of the aforementioned factors, either historically or recently; therefore, the potential for subsidence at the Project site is low.[144] Soil collapse can occur after

[142] Ibid.

[143] U.S. Geological Survey. n.d. *Land Subsidence in California*. Available: https://www.usgs.gov/centers/ca-water-ls. Accessed: June 12, 2024.

[144] Ibid.

wetting collapsible soils, load application, or some combination of both.[145] Collapsible soils, which are generally found in arid or semi-arid regions, are low-density silty soils with large air spaces or gaps between the grains of soil.[146] The Project site is underlain by compressible marine clay known as Bay Mud, which the Preliminary Geotechnical Investigation found to be normally consolidated to slightly over-consolidated.[147] Due to the consolidated nature of the underlying sediments and the shallow groundwater levels, the potential for soil collapse at the site is low to moderate.

As identified by the California Geological Survey, the Project site is not within a landslide hazard zone; therefore, the Project would not result in on-site or off-site landslides. The potentially loose to medium-dense sand and gravel fill underlying the site, in combination with the sloping banks and unsupported face of the Sanchez Channel and San Francisco Bay, indicate that the Project site is susceptible to lateral spreading. During a major earthquake, the Preliminary Geotechnical Investigation estimated that horizontal movement of several feet toward the Bay or the channel could occur and recommended that detailed analysis be presented during the design-level phase of the Project.[148] According to City Municipal Code Title 18, Chapter 8.005 and Chapter 08.105, the City has adopted the 2022 CBSC, Part 2, Volumes 1 and 2. The code requires a design-level geotechnical study to be performed for structures that would be built in areas with known geological hazards. With implementation of the Geotechnical Engineer's recommendations provided in the design-level Project geotechnical study, which the City requires as conditions of approval, the Project would be designed to withstand soil hazards at the site. The impact would be ***less than significant***.

d. Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property? (Less than Significant)

Expansive soils are characterized by their ability to undergo significant volume changes (i.e., shrink and swell) with variations in moisture content. Expansive soils are typically very fine grained and have a high to very high percentage of clay. They can damage structures and buried utilities and increase maintenance requirements.

The Project site is underlain by non-engineered fill, the expansive properties of which are unknown but should be assumed to be expansive due to the high clay content. Excavation depths would extend from approximately 2 feet to a maximum of approximately 60 feet for water access elements and building structures. Although Bay Mud is known to have expansive properties, the Preliminary Geotechnical Investigation recommended that it be excavated and hauled off-site rather than reused as fill.[149] In addition, recommendations made in the field by the Geotechnical Engineer would be followed.

According to City Municipal Code Title 18, Chapter 8.005 and Chapter 089.105, the City has adopted the 2022 CBSC, Part 2, Volumes 1 and 2. The code requires a design-level geotechnical study to be performed for structures that would be built in areas with known geological hazards. With

[145] U.S. Department of the Interior. 1992. *Characteristics and Problems of Collapsible Soils*. Bureau of Reclamation, Denver Office, Research and Laboratory Services Division, Materials Engineering Branch. Available: https://www.usbr.gov/tsc/techreferences/rec/R9202.pdf. Accessed: June 12, 2024.

[146] Colorado Geological Survey. 2018. *Collapsible Soils*. Available: https://coloradogeologicalsurvey.org/2018/28848-collapsible-soils/. Accessed: June 12, 2024.

[147] Langan Engineering and Environmental Services, Inc. 2021. *Preliminary Geotechnical Investigation, Burlingame Shoreline Park, Burlingame, California*. June 28. Prepared for the SPHERE Institute.

[148] Ibid.

[149] Ibid.

implementation of the recommendations provided in the design-level Project geotechnical study, impacts related to expansive soils would be ***less than significant***.

e. Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems in areas where sewers are not available for the disposal of wastewater? (No Impact)

The Project site would dispose of wastewater by using the existing wastewater infrastructure provided by the Burlingame Public Works Department. No aspect of the Project would entail any new use of septic tanks or alternative wastewater disposal systems. Therefore, there would be ***no impact*** related to the use of septic tanks or alternative wastewater disposal systems.

f. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature? (Less than Significant with Mitigation)

The non-engineered artificial fill, which extends to depths of 7 to 16 feet, is underlain by Bay Mud to a depth of 11 feet. Underlying the Bay Mud is medium-stiff to hard clay and sandy clay as well as interbedded layers of medium-dense to very dense sand and gravel. Bedrock is expected to be several hundred feet bgs. Excavation depths for the Project would extend from 2 feet to up to a maximum of 60 feet below grade. As discussed above under *Setting*, the Burlingame area is underlain by Pleistocene-age sediments that have yielded vertebrate fossils. The sandy clay underlying the Project site could be of Pleistocene age. Because Project excavations could extend to 60 feet, they could disturb native sediments and therefore disturb paleontological resources. Such disturbance would constitute a significant impact. Mitigation Measure GEO-1 would require all work to stop if a paleontological resource is discovered as well as a professional paleontologist to evaluate the resource and implement protective measures, as needed. The impact would be ***less than significant with mitigation***.

Mitigation Measure GEO-1: Stop Work in Case of Discovery of Paleontological Resources.

Discovery of a paleontological specimen during any phase of the Project shall result in a work stoppage in the vicinity of the find until it can be evaluated by a professional paleontologist. Should loss or damage be detected, additional protective measures or further action (e.g., resource removal), as determined by the professional paleontologist, shall be implemented to mitigate the impact prior to the continuation of work.

VIII. Greenhouse Gas Emissions

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
Would the Project:				
a. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☐	☐	☒	☐
b. Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	☐	☐	☒	☐

Setting

Global Climate Change

The process known as the *greenhouse effect* keeps the atmosphere near Earth's surface warm enough for the successful habitation of humans and other life forms. The greenhouse effect is created by sunlight that passes through the atmosphere. Some of the sunlight striking Earth is absorbed and converted to heat, which warms the surface. The surface emits a portion of this heat as infrared radiation, some of which is re-emitted toward the atmosphere by greenhouse gases (GHGs). Human activities that generate GHGs increase the amount of infrared radiation absorbed by the atmosphere, thereby enhancing the greenhouse effect and amplifying the warming of Earth.

Increases in fossil fuel combustion and deforestation have exponentially increased concentrations of GHGs in the atmosphere since the Industrial Revolution.[150] Rising atmospheric concentrations of GHGs, in excess of natural levels, have resulted in increasing global surface temperatures—a process commonly referred to as global warming. Higher global surface temperatures have, in turn, resulted in changes to Earth's climate system, including increases in ocean temperature and acidity, reduced sea ice, variable precipitation, and increases in the frequency and intensity of extreme weather events.[151] Large-scale changes to Earth's system are collectively referred to as *climate change.*

The Intergovernmental Panel on Climate Change (IPCC) was established by the World Meteorological Organization and United Nations Environment Programme to assess scientific, technical, and socioeconomic information relevant to the understanding of climate change, its potential impacts, and options for adaptation and mitigation. The IPCC estimates that human-induced warming reached approximately 1 degree Celsius (°C) above pre-industrial levels in 2017 and is increasing at a rate of 0.2°C per decade. Under the current nationally determined contributions of mitigation from each country until 2030, global warming is expected to rise to 3°C by 2100 and continue afterward.[152] Large increases in

[150] IPCC. 2007. *Climate Change 2007: The Physical Science Basis.* Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change. Available: https://www.ipcc.ch/site/assets/uploads/2018/05/ar4_wg1_full_report-1.pdf. Accessed: December 4, 2024.

[151] IPCC. 2018. *Global Warming of 1.5°C.* Contribution of Working Group I, II, and III (Summary for Policy Makers). Available: https://www.ipcc.ch/site/assets/uploads/sites/2/2022/06/SPM_version_report_LR.pdf. Accessed: December 4, 2024.

[152] Ibid.

global temperatures could have substantial adverse effects on the natural and human environments in California and worldwide.

Greenhouse Gases

The principle anthropogenic (human-made) GHGs are carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), and fluorinated compounds, including sulfur hexafluoride, hydrofluorocarbons (HFCs), and perfluorocarbons. The primary GHGs that would be emitted by Project-related construction and operations include CO_2, CH_4, and N_2O. The principal characteristics of these pollutants are discussed below.

- **Carbon dioxide** enters the atmosphere through the combustion of fossil fuel (i.e., oil, natural gas, coal), solid waste decomposition, plant and animal respiration, and chemical reactions (e.g., from manufacturing cement). CO_2 is also removed from the atmosphere, or *sequestered*, when it is absorbed by plants as part of the biological carbon cycle.
- **Methane** is emitted during the production and transport of coal, natural gas, and oil. CH_4 emissions also result from livestock and agricultural practices as well as the anaerobic decay of organic waste in municipal solid waste landfills.
- **Nitrous oxide** is emitted by agricultural and industrial activities as well as the combustion of fossil fuels and solid waste.

Methods have been set forth to describe emissions of GHGs in terms of a single gas to simplify reporting and analysis. The most commonly accepted method for comparing GHG emissions is the global warming potential (GWP) methodology defined in IPCC reference documents. IPCC defines the GWP of various GHG emissions on a normalized scale that recasts all GHG emissions in terms of carbon dioxide equivalent (CO_2e), which compares the gas in question to that of the same mass of CO_2. By definition, CO_2 has a GWP of 1. Table 3.8-1 lists the global warming potential of CO_2, CH_4, and N_2O and their lifetimes in the atmosphere.

Table 3.8-1. Lifetimes and Global Warming Potentials of Key Greenhouse Gases

Greenhouse Gas	Global Warming Potential (100 years)	Lifetime (years)
Carbon dioxide (CO_2)	1	—[a]
Methane (CH_4)	25	12
Nitrous oxide (N_2O)	298	114

Source: California Air Resources Board. 2023. *GHG Global Warming Potentials*. Available: https://ww2.arb.ca.gov/ghg-gwps. Accessed: December 4, 2024.

a. No lifetime (in years) for carbon dioxide was presented by the California Air Resources Board.

Greenhouse Gas Reporting

A GHG inventory is a quantification of all GHG emissions and sinks within a selected physical and/or economic boundary.[153] GHG inventories can be performed on a large scale (e.g., for global and national entities) or on a small scale (e.g., for a building or person). Several agencies have developed emissions inventories, which provide comprehensive accounts of total GHG emissions at varying scales, and tools

[153] A *GHG sink* is a process, activity, or mechanism that removes a GHG from the atmosphere.

for quantifying emissions from specific sources. Table 3.8-2 shows the results of the most current emissions inventories at the international, national, state, regional, and city levels, as quantified by IPCC, the U.S. Environmental Protection Agency (EPA), California Air Resources Board (CARB), Bay Area Air Quality Management District (BAAQMD), and the City of Burlingame (City), respectively.

Table 3.8-2. Global, National, State, and Local Greenhouse Gas Emissions Inventories

Emissions Inventory	**CO_2e (metric tons)**
2017 IPCC Global GHG Emissions Inventory	53,500,000,000
2022 EPA National GHG Emissions Inventory	6,343,000,000
2022 CARB State GHG Emissions Inventory	371,100,000
2011 BAAQMD GHG Emissions Inventory	86,600,000
2015 City of Burlingame GHG Inventory	242,489

Sources:

IPCC. 2018. *Emissions Gap Report 2018*. Available: https://www.ipcc.ch/site/assets/uploads/2018/12/UNEP-1.pdf. Accessed: December 4, 2024.

EPA. 2024. *Overview of Greenhouse Gases*. Available: https://www.epa.gov/ghgemissions/overview-greenhouse-gases. Accessed: November 22, 2024.

CARB. 2024. *California Greenhouse Gas Emissions from 2000 to 2022: Trends of Emissions and Other Indicators*. September. Available: https://ww2.arb.ca.gov/sites/default/files/2024-09/nc-2000_2022_ghg_inventory_trends.pdf. Accessed: November 22, 2024.

BAAQMD. 2011. *Bay Area Emissions Inventory Summary Report: Greenhouse Gases Base Year 2011*. Updated: January 2015. Available: http://www.baaqmd.gov/~/media/files/planning-and-research/emission-inventory/by2011_ghgsummary.pdf. Accessed: December 4, 2024.

City of Burlingame. 2019. *Burlingame General Plan*. November. Available: https://cms6.revize.com/revize/burlingamecity/document_center/Planning/General%20and%20Specific%20Plans/BurlingameGP_Final_Nov2019_COMPLETE%20DOCUMENT.pdf. Accessed: December 4, 2024.

GHG = greenhouse gas; CO2e = carbon dioxide equivalent.

Regulatory Setting

California has adopted statewide legislation to address various aspects of climate change and GHG emissions mitigation. Much of this legislation establishes a broad framework for the State of California's (State's) long-term GHG reduction and climate change adaptation program. Of particular importance are Senate Bill (SB) 32 and Assembly Bill (AB) 1279, which outline the State's GHG reduction goals of achieving a 40 percent reduction below 1990 emissions levels by 2030 and net-zero GHG emissions (i.e., reach a balance between the GHGs emitted and removed from the atmosphere) no later than 2045. AB 1279 also mandates an 85 percent reduction in statewide GHG emissions (from 1990 levels) by 2045. The 2017 Climate Change Scoping Plan and the 2022 Scoping Plan Update provide frameworks for achieving the 2030 and 2045 reduction targets, respectively, leveraging and enhancing many efforts and programs already adopted by the State.[154, 155]

The sections that follow describe regional and local regulations relevant to the Project.

[154] CARB. 2017. *California's 2017 Climate Change Scoping Plan: The Strategy for Achieving California's 2030 Greenhouse Gas Target*. November. Available: https://www.arb.ca.gov/cc/scopingplan/scoping_plan_2017.pdf. Accessed: December 4, 2024.

[155] CARB. 2022. *2022 Scoping Plan Update*. November. Available: https://ww2.arb.ca.gov/sites/default/files/2022-12/2022-sp.pdf. Accessed: December 4, 2023.

Metropolitan Transportation Commission

The Metropolitan Transportation Commission (MTC) is the metropolitan planning organization for the nine counties that make up the Bay Area and San Francisco Bay Area Air Basin (SFBAAB), including the city of Burlingame. In October 2021, MTC and the Association of Bay Area Governments (ABAG) adopted Plan Bay Area 2050, the latest regional transportation plan/sustainable communities strategy (RTP/SCS) for the SFBAAB. Plan Bay Area 2050 incorporates emission reduction targets updated by CARB in 2018 pursuant to SB 375 and carries forward many of the development and funding strategies of earlier plans.[156]

Bay Area Air Quality Management District

BAAQMD is the primary agency responsible for addressing air quality concerns in the Bay Area, including San Mateo County. BAAQMD recommends methods for analyzing project-related GHGs in California Environmental Quality Act (CEQA) analyses as well as multiple GHG reduction measures for land use development projects.

BAAQMD formally adopted new CEQA GHG thresholds and released its *Justification Report: CEQA Thresholds for Evaluating the Significance of Climate Impacts from Land Use Projects and Plans* (BAAQMD Justification Report) in April 2022.[157] This report updated the CEQA GHG thresholds from the 2017 CEQA Guidelines, which were not consistent with the statewide GHG target established by SB 32. The new CEQA GHG thresholds are presented in Table 3.8-3.

Table 3.8-3. Bay Area Air Quality Management District Greenhouse Gas Thresholds for Land Use Projects

Thresholds for Land Use Projects (Must Include A or B)
A. Projects must include, at a minimum, the following project design elements:
1. Buildings
a. The project will not include natural gas appliances or natural gas plumbing (in both residential and nonresidential development).
b. The project will not result in any wasteful, inefficient, or unnecessary electrical usage as determined by the analysis required under CEQA Section 21100(b)(3) and Section 15126.2(b) of the State CEQA Guidelines.
2. Transportation
a. Achieve compliance with electric-vehicle requirements in the most recently adopted version of CALGreen Tier 2.
b. Achieve a reduction in project-generated vehicle miles traveled (VMT) below the regional average consistent with the current version of the California Climate Change Scoping Plan (currently 15 percent) or meet a locally adopted Senate Bill 743 VMT target, reflecting the recommendations provided in the Governor's Office of Planning and Research's Technical Advisory on Evaluating Transportation Impacts in CEQA:
i. Residential projects: 15 percent below the existing VMT per capita
ii. Office projects: 15 percent below the existing VMT per employee
iii. Retail projects: no net increase in existing VMT

[156] MTC/ABAG. 2021. *Plan Bay Area 2050*. Adopted: October 21. Available: https://www.planbayarea.org/sites/default/files/documents/Plan_Bay_Area_2050_October_2021.pdf. Accessed: December 4, 2023.

[157] BAAQMD. 2022. *Justification Report: CEQA Thresholds for Evaluating the Significance of Climate Impacts from Land Use Projects and Plans*. April. Available: https://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/ceqa-thresholds-2022/justification-report-pdf.pdf?la=en. Accessed: December 4, 2023.

Thresholds for Land Use Projects (Must Include A or B)
B. Projects must be consistent with a local GHG reduction strategy that meets the criteria under State CEQA Guidelines Section 15183.5(b).

Source: BAAQMD. 2023. *California Environmental Quality Act, Air Quality Guidelines*. April. Available: https://www.baaqmd.gov/plans-and-climate/california-environmental-quality-act-ceqa/updated-ceqa-guidelines. Accessed: December 4, 2024.

BAAQMD published the most recent version of the CEQA Air Quality Guidelines in April 2023 (BAAQMD CEQA Guidelines). The BAAQMD CEQA Guidelines include guidance for evaluating plan- and project-level air quality and climate impacts as well as best management practices (BMPs) for centering environmental justice, health, and equity thresholds on air quality.[158] The updated CEQA Guidelines include the April 2022 BAAQMD Justification Report as an appendix; thus, the BAAQMD Justification Report provides substantial evidence for use of the air district's updated GHG thresholds and recommendations for assessing project-level climate impacts, as outlined in the BAAQMD CEQA Guidelines. This analysis was prepared consistent with guidance and recommendations from the BAAQMD CEQA Guidelines.

Construction GHG Emissions

The BAAQMD CEQA Guidelines do not identify a GHG emissions threshold for construction emissions.[159,] Nonetheless, BAAQMD's CEQA Guidelines recommend quantification and disclosure of construction GHG emissions. Even though the significance of construction GHG emissions is not determined, the BAAQMD CEQA Guidelines provide BMPs that projects should incorporate to reduce construction GHG emissions.[160]

Operational GHG Emissions

According to the BAAQMD CEQA Guidelines, BAAQMD recommends that the evaluation of land use projects focus on a project's contributions to the State's efforts to meet long-term climate goals. If a project would contribute its "fair share"[161] of what would be required to achieve the long-term climate goals, then a reviewing agency can find that the impact would not be significant because the project would help to solve the problem of global climate change.[162] Applying this approach, BAAQMD has found that a new land use development project being built today needs to incorporate the design elements provided in Table 3.8-3 to do its fair share toward meeting the SB 32 2030 target and the goal of carbon neutrality by 2045.

If a project is designed and built to incorporate the design elements listed in Table 3.8-3 (Threshold Option A) or is consistent with a local GHG reduction strategy under Section 15183.5 of the CEQA Guidelines (Threshold Option B), then it would contribute its portion of what is necessary to achieve California's

[158] BAAQMD. 2023. *California Environmental Quality Act, Air Quality Guidelines*. April. Available: https://www.baaqmd.gov/plans-and-climate/california-environmental-quality-act-ceqa/updated-ceqa-guidelines. Accessed: December 4, 2024.

[159] Ibid.

[160] Ibid.

[161] The BAAQMD defines "fair share" as the design elements that need to be incorporated into a project to lay the foundation for achieving carbon neutrality by 2045. These design elements are elements that the project has influence or control over. For example, becoming carbon neutral by 2045 will require California's electrical power generators to shift to 100-percent carbon-free energy resources, which is not something that can be controlled through the design of new land use projects, and would not be a part of a project's fair share. Other sources that would not be part of the "fair share" are the vehicle fleet mix or indirect offsite emissions (e.g., methane emissions from wastewater or solid waste).

[162] BAAQMD. 2023. *California Environmental Quality Act, Air Quality Guidelines*. April. Available: https://www.baaqmd.gov/plans-and-climate/california-environmental-quality-act-ceqa/updated-ceqa-guidelines. Accessed: December 4, 2024.

long-term climate goals (i.e., its fair share) and would not make a cumulatively considerable contribution to global climate change. If the project does not incorporate these design elements and is not consistent with a local GHG reduction strategy, then it should be found to have a significant climate impact because it would hinder the State's efforts to address climate change.

City of Burlingame

ENVISION Burlingame General Plan

The ENVISION Burlingame General Plan, adopted in November 2019, includes policies to address issues related to GHG emissions through 2040.[163] The plan includes several goals and policies aimed at reducing GHG emissions.

City of Burlingame 2030 Climate Action Plan

The City 2030 Climate Action Plan (CAP), adopted in 2019, is a comprehensive GHG emissions reduction strategy for achieving Burlingame's fair share of statewide emissions reductions within the 2020 and 2030 timeframe, consistent with AB 32 and SB 32.[164] The plan specifies feasible GHG emissions reduction measures for implementation on a project-by-project basis to achieve the City's GHG reduction targets through 2030. The CAP also forecasts annual GHG emissions and provides reduction targets for 2040 and 2050.

CEQA authorizes reliance on a previously approved GHG emissions reduction plan (e.g., a CAP) that was prepared as a "plan for the reduction of greenhouse gas emissions," per Section 15183.5 of the CEQA Guidelines. This section of the CEQA Guidelines establishes opportunities for CEQA tiering when projects are consistent with adopted GHG emissions reduction plans and their impacts can be determined to be less than significant, provided the GHG emissions reduction plans meet specific criteria established under CEQA Guidelines Section 15183.5. Because the City's CAP satisfies the tiering requirements established in CEQA Guidelines Section 15183.5, it can be used to determine the significance of an individual project's GHG emissions.

The CAP provides a consistency checklist application to ensure that development projects in the city are consistent with the plan and a streamlined review process for projects while undergoing CEQA review.

Discussion

a. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment? (Less than Significant)

The City's CAP satisfies the tiering requirements established in Section 15183.5 of the CEQA Guidelines and can be used to determine the significance of an individual project's GHG emissions. Consistent with SB 32, the most recent update to the City's CAP specifies feasible GHG emissions reduction measures to achieve the City's GHG reduction targets through 2030. Although the CAP forecasts annual GHG emissions and provides reduction targets for 2040 and 2050, it does not demonstrate achievement with longer-term goals for 2040 and 2050. As a result, this analysis evaluates the Project's consistency with the City's CAP to determine the significance of the Project's GHG emissions relative to the State's 2030 SB 32 climate

[163] City of Burlingame. 2019. *Burlingame General Plan*. November. Available: https://cms6.revize.com/revize/burlingamecity/document_center/Planning/General%20and%20Specific%20Plans/BurlingameGP_Final_Nov2019_COMPLETE%20DOCUMENT.pdf. Accessed: December 4, 2024.

[164] City of Burlingame. 2019. *2030 Climate Action Plan Update*. August 28. Available: https://cms6.revize.com/revize/burlingamecity/document_center/Sustainability/CAP/Climate%20Action%20Plan_FINAL.pdf#page=33. Accessed: December 4, 2024.

target. As discussed above, the newly adopted BAAQMD land use Threshold Option A design elements were identified to ensure that projects meet their fair share and help the State meet its long-term climate goals, including both SB 32 and the 2045 net-zero goal (SB 1279). As a result, this analysis applies the BAAQMD land use Threshold Option A to evaluate the Project's GHG impacts relative to the State's longer-term carbon neutrality target.

Construction

Although the quantity of the Project-generated GHG emissions is not used directly to evaluate GHG impacts, annual emissions generated by Project construction were estimated to provide a fully comprehensive assessment. Emissions would be released in the form of exhaust from off-road equipment, employee vehicles, vendor trucks, and haul trucks. Electricity consumption during the construction period would also generate indirect GHG emissions. Construction GHG emissions from each source vary substantially, depending on the specific construction phase, daily construction operations, types of equipment, and number of personnel.

Short-term GHG emissions generated by Project construction were calculated using the California Emissions Estimator Model (CalEEMod), version 2022.1, which uses vehicle emissions factors from CARB's EMFAC2021, as recommended by BAAQMD and other air districts in California.[165] Modeling was based on Project-specific information where available, including land use types and sizes; expected durations for construction phases; the equipment inventory; demolition and earthwork specifics; the number and length of employee, vendor, and haul-truck trips; the area to be paved; and default values from CalEEMod, which are generated by the model, based on a project's location and land use type. Detailed model assumptions, inputs, and output files for the calculations can be found in Appendix A, *Air Quality, Greenhouse Gas, and Health Risk Assessment Modeling Files*. Based on the modeling, it is estimated that Project-related construction would generate approximately 2,406 metric tons of CO_2e over the construction period (2025–2029).[166]

As noted above, BAAQMD has not established a quantitative threshold for assessing construction GHG emissions because the emissions are temporary and variable.[167] Thus, the determination of the significance of the Project's GHG impact is based on the potential for Project operation to generate GHG emissions that may have a significant impact on the environment.

Operation

The Project is expected to be fully operational by 2029.[168] Project operation would generate long-term GHG emissions, primarily from motor vehicles traveling to and from the Project site, the use of landscape maintenance equipment, electricity consumption, water usage, and solid waste generation.

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[165] CAPCOA. 2022. *California Emissions Estimator Model User Guide.* April. Available: https://caleemod.com/documents/user-guide/CalEEMod_User_Guide_v2022.1.pdf. Accessed: December 4, 2024.

[166] Emissions were modeled based on a January 2025 start date, but the Project schedule has since been updated to commence in October 2025 and conclude in June 2029. However, because the construction phase durations and overlap would not change and construction equipment generally becomes cleaner over time, this analysis conservatively evaluates the Project's construction emissions.

[167] BAAQMD. 2023. *California Environmental Quality Act, Air Quality Guidelines*. April. Available: https://www.baaqmd.gov/plans-and-climate/california-environmental-quality-act-ceqa/updated-ceqa-guidelines. Accessed: December 4, 2024.

[168] Emissions were modeled assuming a full buildout year of 2028, but the Project's construction schedule has since been updated to conclude in June 2029. However, because vehicles and equipment generally become cleaner over time, this analysis conservatively evaluates the Project's operational emissions.

To assess the significance of the Project's operational GHG emissions, this analysis uses a two-component approach. For the State's 2030 SB 32 climate target, the analysis evaluates the Project's consistency with the City's CAP. For the State's 2045 longer-term carbon neutrality target, the analysis uses the BAAQMD land use Threshold Option A. Furthermore, as noted in Section III, *Air Quality*, BAAQMD's mixed-use screening tool indicates that the Project's size is below the applicable screening level for operational air pollutant emissions; thus, no operational emissions modeling was conducted for air pollutant emissions noted in Section III, *Air Quality*.[169] Because the quantity of operational GHG emissions is not necessary to evaluate GHG impacts, emissions were not quantified and are not presented here.

The following sections evaluate the Project's consistency with the City's CAP and BAAQMD's land use Threshold Option A.

City of Burlingame 2030 Climate Action Plan

The City's Climate Action Plan Consistency Checklist for New Development (CAP Checklist) outlines CAP actions that are applicable to new development and can be used to demonstrate conformance with the CAP.[170] Completion of the CAP Checklist for the Project was based on information provided by the Project applicant. As shown in the CAP Checklist (see Appendix D, *CAP Checklist*), the Project would be consistent with all required and applicable measures. The 2030 GHG reduction target in the City's CAP is consistent with the GHG reduction goal of SB 32; therefore, because the Project is consistent with the City's CAP, it is also consistent with the GHG reduction goals of SB 32. As noted above, the City's CAP satisfies the tiering requirements established in Section 15183.5 of the CEQA Guidelines. BAAQMD uses consistency with a GHG reduction strategy (i.e., a CAP) as an option for evaluating project-level significance (Option B from Table 3.8-3). As a result, the Project's consistency with the SB 32 goal indicates that the Project would not generate GHG emissions that would have a significant impact on the environment. The Project's GHG impact with respect to the State's near-term (2030) target would be ***less than significant***.

Bay Area Air Quality Management District Land Use Thresholds

This analysis evaluates the Project's consistency with the BAAQMD land use Threshold Option A to determine the significance of the Project's GHG emissions with respect to the State's 2045 carbon neutrality target because the CAP does not demonstrate achievement with the longer-term GHG reduction goals for 2040 or 2050. The Project's consistency with these requirements is discussed in Table 3.8-4.

Table 3.8-4. Project Consistency with BAAQMD Greenhouse Gas Land Use Thresholds

BAAQMD Threshold	Project Consistency
Sector – Buildings	
a) The project will not include natural gas appliances or natural gas plumbing (in either residential or nonresidential development)	**Consistent.** As described in Chapter 2, *Project Description*, the Project would not include natural gas appliances or natural gas plumbing. As such, the Project would be consistent with this BAAQMD requirement.
b) The project will not result in any wasteful, inefficient, or unnecessary electrical usage as determined by the analysis required under	**Consistent.** As determined in Section VI, *Energy,* the Project was found not to result in wasteful, inefficient, or unnecessary consumption of energy resources. As

[169] Though the tool's intended use is to screen criteria pollutant and precursor emissions, its indication of insignificant air pollutant emissions without the need for a detailed assessment also suggests minor GHG emissions.

[170] City of Burlingame. n.d. *City of Burlingame Climate Action Plan Consistency Checklist for New Development*. Available: https://cms6.revize.com/revize/burlingamecity/CAP%20Checklist.pdf. Accessed: December 4, 2024.

BAAQMD Threshold	Project Consistency
CEQA Section 21100(b)(2) and Section 15126.2(b) of the State CEQA Guidelines.	such, the Project would be consistent with this BAAQMD requirement.
Sector – Transportation	
c) Achieve compliance with electric-vehicle requirements in the most recently adopted version of CALGreen Tier 2.	**Consistent.** For the purposes of evaluating GHG impacts, the Project is compared to the 2022 California Green Building Standards Code, Title 24, Part 11 (CALGreen), with July 2024 Supplement Section 5.106.5.3, electric-vehicle (EV) charging requirements for new nonresidential development. For nonresidential projects with 26 to 50 parking spaces, CALGreen Tier 2 requires 17 EV-capable parking spaces, with six of those spaces provided with electric-vehicle supply equipment (EVSE). As described in Chapter 2, *Project Description*, 17 of the proposed 29 parking spaces would be EV capable, and six of the EV-capable spaces would be provided with EVSE. As such, the Project would be consistent with this BAAQMD requirement.
d) Achieve a reduction in project-generated vehicle miles traveled (VMT) below the regional average consistent with the current version of the California Climate Change Scoping Plan (currently 15 percent) or meet a locally adopted Senate Bill 743 VMT target, reflecting the recommendations provided in the Governor's Office of Planning and Research's (OPR's) Technical Advisory on Evaluating Transportation Impacts in CEQA: i. Residential projects: 15 percent below the existing VMT per capita. ii. Office projects: 15 percent below the existing VMT per employee iii. Retail projects: no net increase in existing VMT	**Consistent.** As described in Section XVII, *Transportation*, Project-generated vehicle trips would not exceed OPR's screening threshold for small projects of 110 trips per day. Thus, consistent with OPR's *Technical Advisory on Evaluating Transportation Impacts in CEQA,* the Project is expected to have a less-than-significant VMT impact and is not required to demonstrate a 15 percent reduction in daily VMT. As such, the Project would be consistent with this BAAQMD requirement.

Source: BAAQMD. 2023. *California Environmental Quality Act, Air Quality Guidelines*. April. Available: https://www.baaqmd.gov/plans-and-climate/california-environmental-quality-act-ceqa/updated-ceqa-guidelines. Accessed: December 4, 2024.

As demonstrated in Table 3.8-4, the Project would be consistent with all BAAQMD land use Threshold Option A design elements and, thus, would do its fair share toward meeting the 2045 net-zero goal. Therefore, the Project would result in a ***less-than-significant*** impact with respect to operational GHG emissions**.**

b. Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases? (Less than Significant)

City of Burlingame 2030 Climate Action Plan

As discussed above, the City's CAP Checklist outlines CAP actions that are applicable to new development and can be used to demonstrate conformance with the CAP. Completion of the CAP Checklist for the Project was based on information provided by the Project applicant. As shown in the CAP Checklist (see

Appendix D), the Project would be consistent with all required and applicable measures. Therefore, the Project would not conflict with implementation of the City's CAP or attainment of local GHG reduction targets. This impact would be ***less than significant***.

California Senate Bill 375/Plan Bay Area 2050

Plan Bay Area 2050, the RTP/SCS for the San Francisco Bay Area, was prepared by MTC pursuant to the requirements of SB 375, as discussed in the *Regulatory Setting* section. Plan Bay Area 2050 is a State-mandated, integrated long-range transportation and land use plan that demonstrates reductions in GHG emissions from passenger cars and light-duty trucks.[171]

The Project would be consistent with the type and level of development incorporated in the ENVISION Burlingame General Plan, which is used to develop growth and development assumptions for Plan Bay Area 2050. The Project would also implement sea-level rise improvements, supporting Plan Bay Area 2050 strategy EN1 (adapt to sea-level rise). Specifically, the Project would replace existing fill within the restored marsh with clean soil, allowing minor lateral meandering of the restored tidal marsh. It would not present substantial obstacles to floodflows under extreme sea-level rise conditions. Moreover, by redeveloping vacant parcels within existing urban growth boundaries with a new public nature and recreation park, the Project would support Plan Bay Area 2050 strategies EN 4 (maintain urban growth boundaries) and EN6 (modernize and expand parks, trails, and recreation facilities). Finally, as described in Section XVII, *Transportation*, the Project would have a less-than-significant impact with respect to VMT. Because the Project would support the efforts of Plan Bay Area 2050 to reduce VMT and GHG emissions from passenger cars and light-duty trucks, and proposed land use types and sizes would fit within the envelope for the uses assumed in Plan Bay Area 2050, the Project would not conflict with implementation of Plan Bay Area 2050. This impact would be ***less than significant***.

CARB 2022 Scoping Plan

As explained in the *Regulatory Setting* section, CARB's 2022 Scoping Plan outlines the main strategies for the State to use to keep California on track with respect to meeting its SB 32 GHG reduction target (i.e., GHG emissions at least 40 percent below 1990 emissions by 2030) as well as achieving carbon neutrality by 2045 and a reduction in anthropogenic emissions that would be 85 percent below 1990 levels.[172] Regarding project-level GHG analyses, Appendix D to CARB's 2022 Scoping Plan, *Local Actions*, notes:

> when jurisdictions have a CEQA-qualified CAP, an individual project that complies with the strategies and actions within a CEQA-qualified CAP can tier and streamline its project-specific CEQA GHG analysis to make a determination 'that a project's incremental contribution to a cumulative [GHG] effect is not cumulatively considerable' (CEQA Guidelines Sections 15064.4[b][3] and 15183.5).[173]

Appendix D to CARB's 2022 Scoping Plan also notes that local governments should consider three priority areas, transportation electrification, VMT reduction, and building decarbonization, when preparing a CEQA-qualified CAP. In line with this guidance, the City's CAP satisfies the tiering requirements

[171] CARB. 2023. *SB 375 Regional Greenhouse Gas Emissions Reduction Targets*. Approved: March 22, 2018. Available: https://ww2.arb.ca.gov/our-work/programs/sustainable-communities-program/regional-plan-targets. Accessed: December 4, 2024.

[172] CARB. 2022. *2022 Scoping Plan Update*. November. Available: https://ww2.arb.ca.gov/sites/default/files/2022-12/2022-sp.pdf. Accessed: December 4, 2024.

[173] CARB. 2022. *2022 Scoping Plan Update: Appendix D Local Actions*. November. Available: https://ww2.arb.ca.gov/sites/default/files/2022-11/2022-sp-appendix-d-local-actions.pdf. Accessed: December 4, 2024.

established in Section 15183.5 of the CEQA Guidelines and can thus be used to determine the significance of an individual project's GHG emissions. Moreover, the CAP contains several measures related to transportation electrification, VMT reduction, and building decarbonization, such as those related to electric-vehicle infrastructure, transportation demand management, and renewable energy. Given the City has adopted a CEQA-qualified CAP, incorporating strategies within the three priority areas outlined in Appendix D to CARB's 2022 Scoping Plan, this analysis evaluates the Project's alignment with CARB's 2022 Scoping Plan, based on its consistency with the City's CAP.

As described previously and shown in the CAP Checklist completed for the Project, provided as Appendix D, the Project would be consistent with all required and applicable measures, including those related to transportation electrification, VMT reduction, and building decarbonization. As a result, the Project would be consistent with the City's CAP and align with the GHG emissions reduction strategies outlined in CARB's 2022 Scoping Plan. As a result, the Project would not conflict with CARB's 2022 Scoping Plan. The Project's impact with respect to applicable plans, policies, or regulations adopted for the purpose of reducing GHG emissions would be ***less than significant***.

IX. Hazards and Hazardous Materials

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
Would the Project:				
a. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☒	☐
b. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☐	☒	☐
c. Emit hazardous emissions or involve handling hazardous or acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school?	☐	☐	☐	☒
d. Be located on a site that is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, create a significant hazard to the public or the environment?	☐	☐	☐	☒
e. Be located within an airport land use plan area or, where such a plan has not been adopted, be within 2 miles of a public airport or public use airport and result in a safety hazard or excessive noise for people residing or working in the Project area?	☐	☐	☒	☐
f. Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☒	☐
g. Expose people or structures, either directly or indirectly, to a significant risk of loss, injury, or death involving wildland fires?	☐	☐	☐	☒

Setting

Hazardous Materials

Limited Phase I Environmental Site Assessment

A Limited Phase I Environmental Site Assessment (Limited Phase I ESA) was prepared by ICF in May 2024 to support preparation of the CEQA documentation associated with the Project (see Appendix E, *Limited Phase I ESA*). The Limited Phase I ESA included a records review to determine if contaminated media were likely to be present within the Project site or the area surrounding it. The Limited Phase I ESA also included a historical records review, with the intent of getting a better understanding of historical land uses on the Project site and in the surrounding area.

During the records review, the Limited Phase I ESA identified six sites within 0.5 mile of the Project site with a history of a release and some potential to affect the Project. They were listed as follows:

- Caruff California Corporation, 350 Airport Boulevard, Burlingame. This site is listed in the leaking underground storage tank (LUST) database as having a gasoline release to groundwater. The case was given Completed – Case Closed status as of October 1993.
- Anza Park & Fly, 615 Airport Boulevard, Burlingame. This site is listed in the LUST database as having a diesel release to groundwater. The case was given Completed – Case Closed status as of March 2000.
- Golden Gate Drywall, 399 Beach Boulevard, Burlingame. This site is listed in the LUST database as having a gasoline release to groundwater. The case was given Completed – Case Closed status as of October 2002.
- Real Estate North Investment Partnership, 370 Lang Road, Burlingame. This site is listed in the LUST database as having a gasoline release to groundwater. The case was given Completed – Case Closed status as of January 2012.
- Sprint, 828 Airport Boulevard, Burlingame. This site is listed in the LUST database as having a gasoline release to groundwater. The case was given Completed – Case Closed status as of October 2000.
- Hamblin Trust, 1065 Amphlett Boulevard, San Mateo. This site is listed in the LUST database as having a benzene, toluene, diesel, and gasoline release to groundwater. The case was given Completed – Case Closed status as of December 2014.

All six sites were identified within 0.5 mile of the Project site and listed in the LUST database (with contaminant impacts on groundwater). However, as identified above, all six sites were granted closure status by the applicable oversight agency (and presumably remediated to the satisfaction of the agency) and thus were not considered a risk to implementation of the Project. In addition, the historical records review did not identify any conditions indicative of potential hazardous materials impacts on the Project site.

Soil Management Plan

A site-specific soil management plan (SMP) was prepared by Langan Engineering and Environmental Services, Inc., in December 2023 in response to sampling conducted on-site in October 2020 and August 2022.[174] According to the SMP, soil sampling was conducted to assist in the characterization of the site's subsurface conditions. The soil samples indicated that on-site fill material was affected by petroleum hydrocarbons, heavy metals, and asbestos.

Schools, Airports, and Wildfire

There are no schools within 0.25 mile of the Project site. The closest schools are Burlingame High School, at 1 Mangini Way (approximately 0.55 mile to the southwest), and Washington Elementary School, at 801 Howard Avenue (approximately 0.7 mile to the south).

[174] Langan Engineering and Environmental Services, Inc. 2023. *Soil Management Plan, Burlingame Shoreline Park, 410 Airport Boulevard Burlingame, California.* Final (770634903). San Jose, CA. Prepared for The SPHERE Institute, Burlingame, CA.

San Francisco International Airport (SFO) is approximately 1.50 mile northwest of the Project site. The Project site is within Airport Influence Area B of the SFO Airport Land Use Compatibility Plan (ALUCP). The next-closest airport is San Carlos Airport, located approximately 6.85 miles to the southeast.[175] The Project site is not within 2 miles of a private airstrip.

The Project site is in a developed and urbanized area of Burlingame and not within or near a wildland area. According to the California Department of Forestry and Fire Protection (CAL FIRE), the Project site falls within a Local Responsibility Area; it is not within a Very High Fire Hazard Severity Zone.[176]

Regulatory Setting

Many federal, state, and local regulations regarding the transport, use, or disposal of hazardous materials would apply to the Project. The Federal Toxic Substances Control Act (1976) and the Resource Conservation and Recovery Act (RCRA) established an U.S. Environmental Protection Agency– (EPA-) administered program to regulate the generation, transport, treatment, storage, and disposal of hazardous waste. The RCRA was amended in 1984 by the Hazardous and Solid Waste Act, which affirmed and extended the "cradle to grave" system of regulating hazardous waste.

U.S. Department of Transportation (DOT) Hazardous Materials Regulations cover all aspects of hazardous materials packaging, handling, and transportation. Parts 107 (Hazard Materials Program), 130 (Oil Spill Prevention and Response), 172 (Emergency Response), and 177 (Highway Transportation) would all apply to the Project and/or surrounding uses.

The Department of Toxic Substances Control (DTSC), a department of the California Environmental Protection Agency (CalEPA), is the primary agency in California for regulating hazardous waste, cleaning up existing contamination, and finding ways to reduce the amount of hazardous waste produced in California. Division 20, Chapter 6.5, of the California Health and Safety Code deals with hazardous waste control through regulations pertaining to the transport, treatment, recycling, disposal, enforcement, and permitting of hazardous waste. Division 20, Chapter 6.10, contains regulations applicable to the cleanup of hazardous materials releases. Title 22, Division 4.5, contains the environmental health standards for the management of hazardous waste. This includes standards for identification of hazardous waste (Chapter 11) and standards applicable to transporters of hazardous waste (Chapter 13).

The Unified Hazardous Waste and Hazardous Materials Management Regulatory Program (Unified Program) (California Health and Safety Code, Chapter 6.11, Sections 25404–25404.9) consolidates, coordinates, and makes consistent the administrative requirements, permits, inspections, and enforcement activities of environmental and emergency response programs and provides authority to the Certified Unified Program Agency (CUPA). The CUPA is designed to protect public health and the environment from accidental releases and improper handling, storage, transportation, and disposal of hazardous materials and wastes. This is accomplished through inspections, emergency response, enforcement, and site mitigation oversight. The CUPA for Burlingame is San Mateo County Health.[177]

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[175] City/County Association of Governments of San Mateo County. 2012. *Comprehensive Airport Land Use Compatibility Plan for the Environs of San Francisco International Airport*. November. Available: https://ccag.ca.gov/wp-content/uploads/2014/10/Consolidated_CCAG_ALUCP_November-20121.pdf. Accessed: June 27, 2024.

[176] California Department of Forestry and Fire Protection. 2024. *San Mateo County State Responsibility Area Fire Hazard Severity Zones*. Available: https://osfm.fire.ca.gov/what-we-do/community-wildfire-preparedness-and-mitigation/fire-hazard-severity-zones. Accessed: June 12, 2024.

[177] San Mateo County Health. 2025. *Certified Unified Program Agency*. Available: https://www.smchealth.org/hazardous-materials-cupa. Accessed: December 3, 2025.

The Division of Occupational Safety and Health, better known as Cal/OSHA, and the federal Occupational Safety and Health Administration (OSHA) enforce occupational safety standards to minimize worker safety risks from both physical and chemical hazards in the workplace. Cal/OSHA assumes primary responsibility for developing and enforcing standards for safe workplaces and work practices, all of which would be applicable to construction of the Project. The standards included in Cal/OSHA's Title 8 include regulations pertaining to hazard control (including administrative and engineering controls), hazardous chemical labeling and training requirements, hazardous exposure prevention, hazardous material management, and hazardous waste operations.

The California Labor Code is a collection of regulations that include regulation of the workplace to ensure appropriate training on the use and handling of hazardous materials and the operation of equipment and machines that use, store, transport, or dispose of hazardous materials. Division 5, Part 1, Chapter 2.5, ensures that employees who handle hazardous materials are appropriately trained. Division 5, Part 7, ensures that employees who work with volatile flammable liquids are outfitted with appropriate safety gear and clothing.

Dischargers whose projects disturb 1 or more acres of soil, such as the Project, are required to obtain coverage under a Construction General Permit. Construction activities subject to this permit include clearing, grading, and ground disturbance such as stockpiling or excavation. The Construction General Permit requires completion and implementation of a site-specific SWPPP.[178] Furthermore, as discussed in Section X, *Hydrology and Water Quality*, the Project would be required to comply with the San Francisco Bay Region Municipal Regional Stormwater National Pollutant Discharge Elimination System (NPDES) permit (Order No. R2-2022-018, NPDES Permit No. CAS612008). This NPDES permit is also known as the San Francisco Bay Municipal Regional Permit (MRP). It continues in force and effect until a new permit is issued or the permit is rescinded.

Erosion control requirements are specified in the Construction General Permit and the MRP. These requirements include preparation and implementation of an SWPPP that contains best management practices (BMPs). The SWPPP would identify potential sources of sediment and other pollutants and prescribe BMPs to ensure that potential adverse erosion, siltation, and contamination impacts do not occur during construction activities. Implementation of a SWPPP and BMPs would control erosion and protect water quality from potential contaminants in stormwater runoff from the construction site.

Local

County of San Mateo Emergency Operations Plan

The 2015 County of San Mateo Emergency Operations Plan establishes policies and procedures and assigns responsibilities to ensure effective management of emergency response operations within the San Mateo County Operational Area.[179] The Emergency Operations Center in San Mateo County identifies potential threats to life, property, and the environment. It also develops plans and procedures to protect assets from potential hazards and prevent or mitigate threats (e.g., hazardous materials spills).

[178] California State Water Resources Control Board. 2022. *National Pollutant Discharge Elimination System (NPDES) General Permit for Stormwater Discharges Associated with Construction and Land Disturbance Activities (General Permit)*. Available: https://www.waterboards.ca.gov/water_issues/programs/stormwater/construction/docs/2022-0057-dwq-with-attachments/cgp2022_order.pdf. Accessed: June 17, 2024.

[179] County of San Mateo. 2015. *County of San Mateo Emergency Operations Plan Basic Plan*. Available: https://hsd.smcsheriff.com/sites/default/files/downloadables/1%20-%20Emergency%20Operations%20Plan.pdf. Accessed: December 3, 2025.

Burlingame General Plan, Community Safety Element

The Burlingame General Plan EIR concluded that the City will ensure that existing regulations and land use policies will be used to avoid or reduce identified potential environmental impacts associated with hazardous materials. Although no one goal or policy is expected to completely avoid or reduce an impact, the collective, cumulative mitigating benefits of the policies would result in a less-than-significant impact related to hazards and hazardous materials. Per the Burlingame General Plan EIR, the following goals and policies from the Community Safety Element would help reduce impacts to less than significant:

Goal CS-6: Protect residents, workers, and visitors from hazardous materials through improved regulations, disposal practices, location and site design requirements, and public information and education.[180]

Discussion

a. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials? (Less than Significant)

Construction

The Project would transform a vacant parcel into a public nature and recreation park with an education center/event building (and associated roadways). Thus, construction of the Project would involve the routine transport, use, and disposal of hazardous materials such as solvents, paints, oils, grease, and fuels. Such transport, use, and disposal must comply with applicable regulations, such as those discussed in the *Regulatory Setting* section, above. Although materials such as solvents, paints, oils, grease, and fuels would be transported, used, and disposed of during construction, this would be a temporary occurrence. It is expected that any spills or releases involving such materials would be small, localized, and cleaned up as they occur, in compliance with standard practices for handling such materials. In addition, a SWPPP must be prepared and implemented during Project construction for coverage under the Construction General Permit, in accordance with the requirements of the State Water Board. The SWPPP requires implementation of best management practices for hazardous materials storage and soil stockpiles, inspections, maintenance, employee training, and the containment of releases to prevent runoff to stormwater collection systems or waterways (State Water Resources Control Board 2022). Therefore, with implementation of standard construction practices and applicable regulations, along with preparation of a Project-specific SWPPP, construction of the Project would not create a significant hazard for the public or the environment through the routine transport, use, or disposal of hazardous materials during construction. This impact would be ***less than significant***.

Operation

The proposed public nature and recreation park use, including the education center/event building, would require small amounts of hazardous chemicals, which are typical in these types of settings. These could include common materials such as toners, paints, restroom cleaners, and other maintenance materials. Grounds and landscape maintenance within the Project area would use a variety of commercial products that are considered hazardous materials, including fuels, cleaners and degreasers, solvents, paints, lubricants, adhesives, sealers, and pesticides/herbicides. Such materials are considered common, and it is unlikely that they would be stored or used in quantities that would result in a significant release.

[180] City of Burlingame. 2019. *Envision Burlingame Community Safety Element*. Available: https://burlingame.org/DocumentCenter/View/659/Chapter-8---Community-Safety-PDF. Accessed: December 3, 2025.

Any spills involving these materials would be small, localized, and cleaned up as they occur. This impact would be ***less than significant***.

b. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment? (Less than Significant)

Hazardous materials, including fuel, solvents, paints, oils, and grease, would be transported, stored, used, and disposed of on-site during both Project construction and operation. It is possible that any of these substances could be released to the environment during transport, storage, use, or disposal. However, compliance with federal, state, and local regulations, in combination with temporary construction BMPs (as part of Construction General Permit requirements) would ensure that all hazardous materials would be used, stored, and disposed of properly, which would minimize potential impacts related to a hazardous materials release during construction or operation of the Project.

As discussed in the *Setting* section, a Project-specific Limited Phase I ESA was prepared by ICF in May 2024 (Appendix E). Six hazardous materials release sites were identified in the Limited Phase I ESA with some potential to affect the Project. The sites were listed in the LUST database with impacts on groundwater; however, all six sites were granted closure by the applicable oversight agency and, thus, were not considered an exposure risk for construction personnel and the surrounding environment. Furthermore, a historical records review, also conducted as part of the Limited Phase I ESA, did not identify any conditions indicative of potential hazardous materials impacts on the Project site.

As mentioned above, a site-specific SMP prepared by Langan Engineering and Environmental Services, Inc., in December 2023 stated that soil sampling was conducted on-site (2020 and 2022) to help characterize the site's subsurface conditions. Based on the soil samples collected, on-site fill material was identified as affected with petroleum hydrocarbons, heavy metals, and asbestos. As such, the developer/construction personnel would be required to implement recommendations found in Section 8.0, *Recommendations for Environmental Management,* of the SMP during any media-disturbing activities conducted on-site. These measures involve developing and implementing a health and safety plan, soil management procedures, odor and dust controls, asbestos-related Airborne Toxic Control Measure (ATCM) compliance procedures, stormwater pollution controls, groundwater management procedures, and contingency procedures for unknown or unexpected conditions. These recommendations, which are intended to facilitate compliance with applicable federal, state, and local laws and regulations, would be applicable to earthwork activities at the site as a result of the soil conditions. With implementation of the recommendations found in the SMP, impacts would be ***less than significant***.

c. Emit hazardous emissions or involve handling hazardous or acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school? (No Impact)

There are no schools within 0.25 mile of the Project site. The closest schools to the Project site are Burlingame High School, at 1 Mangini Way, (approximately 0.55 mile to the southwest), and Washington Elementary School, at 801 Howard Avenue (approximately 0.70 mile to the south). There would be ***no impact***.

d. Be located on a site that is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, create a significant hazard to the public or the environment? (No Impact)

United States Code Section 65962.5 (commonly referred to as the Cortese List) includes DTSC-listed hazardous waste facilities and sites, California Department of Health Services–listed contaminated wells for drinking water, State Water Board–listed sites with LUSTs or discharges of hazardous wastes or materials into the water or groundwater, and lists from local regulatory agencies of sites with a known migration of hazardous waste/material. The Project site was not listed in any of the databases searched during preparation of the Limited Phase I ESA. In addition, the Project site was not within any of the databases that make up CalEPA's *Cortese List Data Resources.*[181,182] Therefore, the Project would not create a significant hazard to the public or the environment, and there would be ***no impact***.

e. Be located within an airport land use plan area or, where such a plan has not been adopted, be within 2 miles of a public airport or public use airport and result in a safety hazard or excessive noise for people residing or working in the Project area? (Less than Significant)

The Project site is within Airport Influence Area B of the SFO ALUCP and required to comply with policies and actions concerning interior noise levels and maximum building heights, as included in the City General Plan, Specific Plan, Municipal Code, and Zoning Ordinance. [183] In October 2023, the City/County Association of Governments (C/CAG), acting as the San Mateo County Airport Land Use Commission, determined that Burlingame's Zoning Ordinance Update is conditionally consistent with the ALUCP. Thus, the Project, consistent with the 2040 General Plan land use and zoning designation, requires no additional determination from C/CAG. In addition, the Project site does not fall within any of the safety compatibility zones (as depicted in Exhibit IV-7 of the SFO ALUCP) and, therefore, is not within an area of potential danger involving operations at SFO. Therefore, the Project would not result in a safety hazard or excessive noise for people in the Project area, and impacts would be ***less than significant***.

f. Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan? (Less than Significant)

Construction of the Project could have some minor effects on emergency vehicle response; however, emergency vehicles would not be subject to traffic control devices such as stop signs or traffic signals used during Project construction and would be able to pass other vehicles. Moreover, the Project would not

[181] U.S.C. Section 65962.5 (Cortese List) includes DTSC-listed hazardous waste facilities and sites, Department of Health Services lists of contaminated drinking water wells, sites listed by SWRCB as having underground storage tank leaks or a discharge of hazardous wastes or materials into the water or groundwater, and lists from local regulatory agencies of sites with a known migration of hazardous waste/material. Specifically, the following resources provide information regarding facilities meeting "Cortese List" requirements:

- List of hazardous waste and substances sites from DTSC's EnviroStor database.
- List of leaking underground storage tank sites from SWRCB's GeoTracker database.
- List of solid waste disposal sites identified by SWRCB with waste constituents above hazardous waste levels.
- List of "active" cease-and-desist orders and cleanup and abatement orders from SWRCB.
- List of hazardous waste facilities subject to corrective action pursuant to Section 25187.5 of the Health and Safety Code, as identified by DTSC.

[182] CalEPA. 2024. *Cortese List Data Resources.* Available: https://calepa.ca.gov/sitecleanup/corteselist/. Accessed: June 17, 2024.

[183] Within Area B, the City/County Association of Governments (C/CAG) is responsible for reviewing proposed land use policy actions, including new general plans, specific plans, zoning ordinances, plan amendments, rezoning proposals, and land development proposals. As such, development could expose people residing or working in the area to a safety hazard or excessive noise because of proximity to SFO.

result in any substantial traffic queuing along Airport Boulevard or De Anza Boulevard and would not allow any construction vehicles or equipment to park or remain stationary within a roadway, which could cause delays. In addition, larger construction vehicles entering and exiting the site would be guided by personnel using signs and flags to direct traffic. Access points to the site would be provided to ensure proper access for emergency vehicles. Although the City does not have an established evacuation plan, the Project would adhere to the guidelines established by the Community Safety Element of the Burlingame General Plan.[184] Furthermore, the Project would not include any characteristics (e.g., permanent road closures, long-term blocking of road access) that would physically impair or otherwise interfere with emergency response or evacuation in the Project vicinity. Impacts would be ***less than significant.***

g. Expose people or structures, either directly or indirectly, to a significant risk of loss, injury, or death involving wildland fires? (No impact)

As stated under the *Setting* section, above, the Project site is in a developed and urbanized area of the city and not within or near a wildland area. Furthermore, the entire northern boundary of the site faces San Francisco Bay. In addition, the site is not within a designated Very High Fire Hazard Severity Zone of either a State Responsibility Aera or Local Responsibility Area.[185] ***No impact*** would occur.

[184] City of Burlingame. 2019. *Envision Burlingame General Plan*. General Plan Update. Available: https://burlingame.org/DocumentCenter/View/667/Adopted-General-Plan---Full-Document-PDF?bidId=. Accessed: January 7, 2025.

[185] California Department of Forestry and Fire Protection. 2024. *San Mateo County State Responsibility Area Fire Hazard Severity Zones*. Available: https://osfm.fire.ca.gov/what-we-do/community-wildfire-preparedness-and-mitigation/fire-hazard-severity-zones. Accessed: June 12, 2024.

X. Hydrology and Water Quality

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
Would the Project:				
a. Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?	☐	☐	☒	☐
b. Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the Project would impede sustainable groundwater management of the basin?	☐	☐	☒	☐
c. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or the addition of impervious surfaces, in a manner that would:	☐	☐	☒	☐
1. Result in substantial erosion or siltation on-site or off-site;	☐	☐	☒	☐
2. Substantially increase the rate or amount of surface runoff in a manner that would result in flooding on-site or off-site;	☐	☐	☒	☐
3. Create or contribute runoff water that would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	☐	☐	☒	☐
4. Impede or redirect floodflows?	☐	☐	☒	☐
d. In flood hazard, tsunami, or seiche zones, risk a release of pollutants due to Project inundation?	☐	☐	☒	☐
e. Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	☒	☐

Setting

The Project site is within the San Francisco Bay Estuaries watershed, which encompasses 98,506 acres, within the larger San Francisco Bay watershed.[186] The Project site is bordered to the north by San Francisco Bay, Sanchez Channel (also known as Sanchez Creek) to the east, and Anza Lagoon directly west of the Project site. The site is protected by a rubble wave barrier that has crest elevations of approximately 12 to 14 feet and is armored by concrete slabs. Portions of the site (adjacent to the Bay and within Sanchez

[186] U.S. Geological Survey. 2024. *Locate Your Groundwater Site by 10-Digit HUC – 1805000410 San Francisco Bay*. Available: https://water.usgs.gov/wsc/a_api/aquifers/watershed18/1805000410.html. Accessed: May 31, 2024.

Channel) are tidally influenced on a daily basis. Mean lower low water (MLLW) for the site was determined to be -0.79 feet, while the mean higher high water (MHHW) was 6.84 feet. The 1-year and 100-year extreme tide elevations were 8.11 feet and 10.32 feet, respectively.[187]

The Project site is relatively flat, with ground surface elevations generally ranging from 6 to 12 feet but several high areas on the north side of the site reaching 15 feet, which affects drainage patterns on the site.[188] Runoff from more than half of the site flows directly toward the constructed tidal marsh, San Francisco Bay, Anza Lagoon, and Sanchez Channel, all of which are controlled by tidal conditions, although water levels are unaffected by runoff from the Project site. The remainder of the site drains to an existing 36-inch municipal storm drain on Airport Boulevard or a 21-inch storm drain on Bay View Place.[189] Currently, the Project Site contains approximately 87,000 square feet (2.0 acres) of impervious area and 322,500 square feet (7.4 acres) of pervious area.

The State Water Board and the Regional Water Board monitor water quality in the Bay Area. These agencies oversee implementation of NPDES stormwater discharge permits. The State Water Board has implemented a NPDES Construction General Permit for the State of California (Order 2022-0057-DWQ). Dischargers whose projects disturb 1 or more acres of soil are required to obtain coverage under the Construction General Permit. The Construction General Permit requires a SWPPP to be prepared prior to commencement of construction.

The City of Burlingame participates in the San Mateo Countywide Pollution Prevention Program (SMCWPPP) and is required to implement low-impact development (LID) BMPs under NPDES Permit No. CAS612008, Order No. Order R2-2022-0018, adopted May 11, 2022, and amended in October 2023. This NPDES permit is also known as the MRP. Provision C.3 of the MRP is directly applicable to the Project. This provision allows permittees to include appropriate source control, site design, and stormwater treatment measures in new development and redevelopment projects to address both soluble and insoluble stormwater runoff pollutant discharges and prevent increases in runoff flows from new development and redevelopment projects. This goal is to be accomplished primarily through implementation of LID techniques. LID practices include source-control BMPs, site design BMPs, and stormwater treatment BMPs on-site or at a joint stormwater treatment facility.

Groundwater depths range from approximately 4.4 to 13 feet below ground surface (bgs); however, groundwater levels at the site may fluctuate considerably in response to tidal conditions.[190] Burlingame is within the Westside Groundwater Basin, which is designated as a very low-priority area, per the Sustainable Groundwater Management Act. The South Westside Basin Groundwater Management Plan is a voluntary groundwater management plan of which the City of Burlingame is a part. This voluntary groundwater management plan has the goal of ensuring a sustainable, high-quality, reliable water supply at a fair price, achieved through local groundwater management, for beneficial uses.

The Project site is predominantly within Federal Emergency Management Agency (FEMA) Zone X (unshaded), an area with a minimal flood hazard above the 500-year flood level and 100-year protection from extreme tides and wind-wave runup under historic conditions. However, the southern portion of the site is within FEMA Zone X (shaded), an area with a moderate flood hazard. This is usually the area between the limits of 100-year and 500-year floods. The area is also designated as the base floodplain for

[187] cbec eco engineering. 2021. *CEQA Impacts Assessment for Hydrology Technical Memorandum*. November 24.

[188] Langan Engineering and Environmental Services, Inc. 2021. *Preliminary Geotechnical Investigation Burlingame Shoreline Park Burlingame, California.* Prepared for the SPHERE Institute. June 28.

[189] cbec eco engineering. 2021. CEQA Impacts Assessment for Hydrology Technical Memorandum. November 24.

[190] Ibid.

lesser hazards, such as those associated with 100-year levee protection, or a shallow flooding area, with average depths of less than 1 foot or drainage areas of less than 1 square mile. Sanchez Channel is within FEMA Zone AE, which is the 100-year floodplain. It is also a special flood hazard area (SFHA) with a high risk from flooding and subject to inundation from a flood event with a 1 percent annual chance.[191] Sanchez Channel has a 100-year discharge at U.S. 101 of 1,600 cubic feet per second (cfs) and a 100-year base flood elevation (BFE) within Sanchez Lagoon of 10 feet.[192] San Francisco Bay is with FEMA Zone VE, a coastal SFHA with a known BFE of 12 feet,[193] which is approximately the crest elevation of the site's existing wave break.

Minor overtopping of the wave break occurs under 50- and 100-year flood events at sea level. During the period from 1939 to 2008, sea-level rise in the region occurred at a rate of 0.70 millimeter per year, but model projections indicate highly non-linear trends beyond that period of time.[194] Sea-level rise between 2000 and 2023 was determined to be approximately 0.3 foot, which was in agreement with the sea-level projection of 0.5 foot by 2030 and validated by a gage monitoring effort for Anza Lagoon and Sanchez Channel conducted in 2020 and 2021. Studies determined the total water level, including wave runup, for the 100-year event would be 2.26 feet above the reported 100-year surface water elevation (SWE). When extreme tide elevations throughout San Francisco Bay are also considered, the 100-year SWE near the Project site was an additional 10.32 feet (12.58 feet total). Given the approximately 12-foot elevation for parts of the existing wave break, limited inundation due to overtopping of the existing wave break could occur at the 100-year level. The San Francisco area would very likely experience 1.6 to 3.4 feet of sea-level rise by 2100. As a result, inundation frequency and severity are projected to increase with sea-level rise.[195]

A tsunami is a series of ocean waves caused by displacement of a large volume of water, typically as a result of an undersea earthquake or landslide. Tsunami maps indicate that the northern 100 feet of the site along San Francisco Bay is within the tsunami inundation zone.[196] San Francisco Bay is a large, open body of water with no immediate risk of seiche. Large waves generated in the Pacific Ocean undergo considerable refraction and diffraction upon passing through the Golden Gate, resulting in greatly reduced heights when they reach the Project site. Flood risks from a seiche event would be minimal in the Project vicinity.

Discussion

a. Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality? (Less than Significant)

Construction activities have the potential to result in runoff that contains sediment and other pollutants, which could degrade water quality if not properly controlled. Sources of pollution associated with construction include chemical substances from construction materials and hazardous or toxic materials, such as fuels. As described in Impact IX(a), the Project would be subject to state and federal hazardous

[191] Federal Emergency Management Agency. 2019. *National Flood Hazard Layer FIRM 06081C0154G*. Panel 154 of 510. April 5.

[192] cbec eco engineering. 2021. *CEQA Impacts Assessment for Hydrology Technical Memorandum.* November 24.

[193] Federal Emergency Management Agency. 2019. *National Flood Hazard Layer FIRM 06081C0154G*. Panel 154 of 510. April 5.

[194] Ibid.

[195] Ibid.

[196] Langan Engineering and Environmental Services, Inc. 2021. *Preliminary Geotechnical Investigation Burlingame Shoreline Park Burlingame, California.* Prepared for the SPHERE Institute. June 28.

materials laws and regulations, which would minimize the risk of affecting the quality of surface water and groundwater.

More than 1 acre of soil would be affected by the Project; therefore, the Project would be subject to the Construction General Permit. Furthermore, the Project would be required to comply with the MRP. Erosion control requirements are stipulated in the Construction General Permit and the MRP. These requirements include preparation and implementation of a SWPPP that contains BMPs. The purpose of the SWPPP is to identify potential sediment sources and other pollutants and prescribe BMPs to ensure that potential adverse erosion, siltation, and contamination impacts do not occur during construction activities. Implementation of a SWPPP with BMPs would control erosion and protect water quality from potential contaminants in stormwater runoff emanating from the construction site. The soil management plan prepared for the Project site also includes measures related to soil management, soil material disposal, soil stockpiling procedures, and soil tracking.[197] BMPs may include appropriate covers, drains, and storage precautions for outdoor material storage areas; temporary cover for disturbed surfaces; and sediment basins or traps, earthen dikes or berms, silt fences, check dams, soil blankets or mats, covers for stock piles, or other BMPs to trap sediments. Such BMPs would help to protect surface water and groundwater quality during construction. In addition, implementation of MM BIO-8, Erosion and Sedimentation Control, would minimize impacts on tidal habitats. Measures include the installation of temporary sediment turbidity curtains around the worksite to minimize sediment transport. MM BIO-8 is further described in Section IV, *Biological Resources.*

Construction of the Project would involve ground-disturbing activities such as excavation. Excavation depths would extend to a maximum of approximately 60 feet below grade for construction activities related to the building structure. Groundwater depths range from approximately 4.4 to 13 feet bgs. Although no dewatering is anticipated for in-water work, it is anticipated that construction activities for structures would encounter groundwater and require passive dewatering. Dewatering could result in the exposure of pollutants from contaminated groundwater, if present. A Limited Phase I ESA was conducted to investigate the presence or history of hazardous waste sites, including contaminated groundwater, within or near the Project site. However, results indicate that off-site properties are unlikely to affect implementation of the Project, as described in Section IX, *Hazards and Hazardous Materials*. To discharge water to the Bay, the contractor would notify the San Francisco Bay Regional Water Board and comply with the board's requirements related to the quality of water and discharges. The Construction General Permit provides coverage for dewatering activities, provided that dischargers prove the quality of water to be adequate and not likely to affect beneficial uses. However, groundwater sampling and/or treatment may be required to ensure compliance with applicable construction dewatering discharge permitting. In the unlikely event that contaminated groundwater is encountered, compliance with discharge sampling, monitoring, and reporting requirements are required. If it is found that the groundwater does not meet water quality standards, it must either be treated prior to discharge so that all applicable water quality objectives (as designated in the Basin Plan) are met or hauled off-site for treatment and disposal at an appropriate waste treatment facility that is permitted to receive such water. In addition, the soil management plan prepared for the Project site includes measures to develop and implement groundwater management and contingency procedures for unknown or unexpected conditions. Therefore, groundwater quality impacts during construction would be ***less than significant***.

Pollutants in stormwater runoff from development, such as the Project, have the potential to violate water quality standards if the types and amounts are not adequately reduced. Stormwater runoff from the types

[197] Langan Engineering and Environmental Services, Inc. 2023. *Soil Management Plan, Burlingame Shoreline Park, 410 Airport Boulevard Burlingame, California.* Prepared for the SPHERE Institute. December 7.

of uses that would be facilitated by Project approval is regulated under the MRP. The Project site would treat stormwater on-site with LID treatment measures and mechanical treatment, as required by NPDES. Proposed BMPs include bioretention/detention basins, self-retaining areas, grassy swales, as well as pervious surfaces. The Project applicant would be required to submit the SMCWPPP checklist to the City to show compliance with NPDES regional permit requirements. BMPs included in site designs and plans for the Project would be reviewed by the City's engineering staff to ensure appropriateness and adequate design capacity prior to permit issuance. The San Francisco Bay Regional Water Board has incorporated requirements in the MRP to protect water quality and approved the SMCWPPP, which is in compliance with the Municipal Stormwater NPDES Permit. The City review and permitting process will ensure that the permit's waste discharge requirements are not violated by the Project. For these reasons, the Project would not violate water quality standards or waste discharge requirements during operation, including standards and requirements regarding surface water and groundwater quality. Operational impacts would be ***less than significant.***

b. Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the Project would impede sustainable groundwater management of the basin? (Less than Significant)

Per the Sustainable Groundwater Management Act, all of California's 515 groundwater basins are classified into one of four categories: high, medium, low, or very low priority. The Project site is within the Westside Groundwater Basin, which is classified as very low priority. Groundwater is not a source of supply or recharge; the City's sole source of potable water is the San Francisco Public Utilities Commission (SFPUC) Regional Water System (RWS), which obtains approximately 85 percent of its water supply from Hetch Hetchy Reservoir. Nonetheless, the City is a part of the South Westside Basin Groundwater Management Plan, which is a voluntary groundwater management plan.

Groundwater was encountered at depths as low as 4.4 feet bgs.[198] There would very likely be localized dewatering related to excavated features such as utility trenches and building structure foundations. Although dewatering could be required, it would represent a short-term, less-than-significant impact because dewatering activities would be temporary. In addition, groundwater is not a source of water supply, and dewatering would not have a substantial adverse effect on surface water/groundwater interactions and recharge. Dewatering would not adversely affect groundwater supplies because the City's sole source of potable water is the SFPUC RWS. Following implementation, the Project would result in a 3 percent increase in impervious surface area. Of the approximately 9.4 acres of land on the Project site, 100,000 square feet (3.0 acres, or approximately 24 percent of the Project site) would comprise impervious surface areas or impermeable pavement. Pervious surface area would decrease from approximately 322,500 square feet (7.4 acres) to 309,500 square feet (7.1 acres). However, the remaining pervious surface area, which would include grassy swales, would provide the potential for groundwater recharge. On-site retention facilities, including rainwater cisterns, a bioretention feature, and self-retainment landscaping features, would also be incorporated into the Project site. Runoff would either drain toward the constructed marsh or drain directly to the Bay, while runoff from the impervious area would drain to adjacent landscape and bioretention areas or be treated through self-retainment, allowing on-site percolation of runoff from proposed impervious areas. It should be noted that, due to the depth of the aquifer and a subsurface clay layer that restricts surface water recharge, the Project site has poor recharge suitability.[199] Therefore, notwithstanding the slight reduction in pervious surface area, the Project would not substantially decrease

[198] Langan Engineering and Environmental Services, Inc. 2021. *Preliminary Geotechnical Investigation Burlingame Shoreline Park Burlingame, California.* Prepared for the SPHERE Institute. June 28.

[199] cbec eco engineering. 2021. *CEQA Impacts Assessment for Hydrology Technical Memorandum*. November 24.

groundwater supplies or interfere with groundwater recharge. The Project's impact would be ***less than significant.***

c. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner that would:

1. Result in substantial erosion or siltation on-site or off-site? (Less than significant)

A combination of temporary and permanent sheet-pile/cut-off walls may be required along the edge of the Project site to allow installation of the marsh and water access ramps. The proposed water rescue/kayak ramp would be within Sanchez Channel; however, the course of the channel would not be permanently altered. Construction of in-water features would be done by installing a turbidity curtain around the work area to contain sediment that would become temporarily suspended during construction. In-water work would also temporarily install sheet-pile coffer dams for dewatering, preventing ingress of Bay waters during construction. In addition, implementation of MM BIO-8, Erosion and Sedimentation Control, requires installation of temporary sediment turbidity curtains to minimize the transport of sediment-laden water.

Sediment may be introduced to the Bay on a short-term basis following construction because the site is exposed to tides. However, sediment and discharges would be managed through a SWPPP; long-term, off-site impacts from sedimentation are not anticipated. There is potential for sedimentation within the constructed tidal marsh, which would be a beneficial outcome of the Project.

Sedimentation within the constructed tidal marsh is expected. This would be beneficial with regard to resilience to sea-level rise. Movement of sediment parallel to the shoreline by currents and resuspension by winds is sufficient to counteract erosion due to receding tides and fluvial discharges from Sanchez Channel. Compared with Anza Lagoon and Sanchez Channel, the proposed tidal marsh has a much smaller tidal prism (i.e., the volume of water inundating the site between MLLW and MHHW) and therefore less potential for off-site erosion as the tide recedes. Furthermore, the amount of water in the marsh would be insufficient for scouring the bed of the Bay.[200]

Currently, sediment plumes are observed entering the Bay from both Anza Lagoon and Sanchez Creek during receding tides. Given the relatively small tidal prism for the Project compared to Anza Lagoon and Sanchez Creek, sediment discharges from the constructed marsh are likely to extend only small distances into the Bay, compared to existing conditions. Erosion within the marsh would also be managed by the presence of riprap within the inlet. Riprap would stabilize the invert and banks of the inlet channel and act as a grade control feature to prevent downcutting of the constructed marsh channels and associated sediment discharges to the Bay. Grading in the tidal marsh and revegetation would also reduce the potential for erosion. Ultimately, the marsh is expected to be a net sediment sink, not a sediment source. Sedimentation within the constructed marsh would allow marsh vegetation to persist as sea levels rise, a benefit of the Project. Furthermore, channel geometry in the slough network is based on hydraulic geometry and tidal systems. Sediment exchange between the constructed wetland and the Bay would occur at natural levels, similar to existing wetlands throughout the Bay. Following implementation, the Project would result in a 3 percent increase in impervious surface area, which could result in increased surface runoff. However, the amount of stormwater runoff and associated erosion or siltation generated at the site would be similar to the amount under existing conditions. Therefore, changes to drainage

[200] Ibid.

patterns due to the Project would not result in substantial erosion or siltation on-site site or off-site. Therefore, this impact would be ***less than significant***.

2. Substantially increase the rate or amount of surface runoff in a manner that would result in flooding on-site or off-site? (Less than Significant)

As described above in Impact X(c1), the Project would not alter the course of a stream or river. The Project site does not contribute substantially to a downstream watershed; therefore, it would not result in flooding off-site. Following implementation, the Project would result in a 3 percent increase in impervious surface area, which could result in increased surface runoff. However, the amount of stormwater runoff generated at the site would be similar to existing conditions. Runoff from more than half of the site flows directly toward the constructed tidal marsh, San Francisco Bay, Anza Lagoon, and Sanchez Channel, all of which are controlled by tidal conditions; water levels are unaffected by runoff from the Project site. The remainder of the site uses retention facilities and a proposed 8-inch connection to an existing 36-inch municipal storm drain. Planned on-site retention facilities include rainwater cisterns, a bioretention feature, and self-retainment in landscape features that would be adjacent to proposed impervious surfaces. These features would be adequately sized to comply with applicable stormwater regulations for the quality and quantity of site runoff. The combination of these features would prevent on-site and off-site flooding. Therefore, changes to drainage patterns due to the Project would not substantially increase the rate or amount of surface runoff in a manner that would result in flooding on-site or off-site. This impact would be ***less than significant***.

3. Create or contribute runoff water that would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff? (Less than Significant)

As stated in Impact X(a), the Construction General Permit would require the Project to implement a SWPPP with BMPs during construction to protect water from potential contaminants in stormwater runoff from the site. Following implementation, the Project would result in a 3 percent increase in impervious surface area, which could result in increased surface runoff and associated polluted runoff. However, the amount of stormwater runoff generated at the site would be similar to the amount under existing conditions. Furthermore, the Project would also be subject to the requirements of Provision C.3 of the MRP. The Project site would treat stormwater on-site with LID treatment measures and mechanical treatment, as required by NPDES. Proposed BMPs include bioretention/detention basins, self-retaining areas, grassy swales, as well as pervious surfaces, which would manage surface runoff and associated pollutants. On-site stormwater retention features and any proposed connections to the existing storm drain network would be adequately sized to comply with applicable regulations and site constraints. As a result, the demands on the City stormwater drainage system would be reduced; there would be no additional sources of polluted runoff. Through compliance with state and local regulations, as well as implementation of BMPs, impacts related to surface runoff, including capacity of the drainage system or additional sources of polluted runoff, would be ***less than significant***.

4. Impede or redirect floodflows? (Less than Significant)

The Project site is predominantly located within FEMA Zone X (unshaded), an area with a minimal flood hazard,; however, the southern portion of the Project site is within FEMA Zone X (shaded), between the limits of the 100-year and 500-year floods. Areas of the Project site within SFHAs (FEMA Zone AE and VE)

encompass the water bodies within the Project site, including Sanchez Channel and San Francisco Bay.[201] Although the proposed water rescue/kayak ramp in Sanchez Channel would be within the flood zone, it would not obstruct or constrict flow in a manner that would increase flood risk.

In the near term, LID treatment measures and mechanical treatment such as bioretention areas, self-retaining areas, and self-treating areas would manage flows and minimize the potential for overland or impeded floodflows. Under a medium-high risk projection, 6.9 feet of sea-level rise is expected by 2100. Under this scenario, the 100-year SWE at the Project site is anticipated to be 17.2 feet. Some Project elements, such as the education center, would be designed to be resilient to this level of inundation; however, much of the site would be highly submerged at this level. Although the Project is not intended to function as a flood control project, construction of the restored tidal marsh and raised ecotone slope along the landward portion of the site is expected to have a net flood benefit in the near-term and would not present substantial obstacles to floodflows under extreme sea-level rise conditions.[202] Therefore, the Project would not impede or redirect floodflows, and impacts would be ***less than significant***.

d. In flood hazard, tsunami, or seiche zones, risk release of pollutants due to Project inundation? (Less than Significant)

Overtopping of the wave break may occur during a 50- or 100-year flood event in combination with wave runup and extreme tides, resulting in inundation. The frequency of flooding at the Project site is likely to increase due to sea-level rise.[203] As part of the Project, existing fill within the restored marsh would be over-excavated by 1 to 3 feet below the design grade and replaced with clean soil that meets Regional Water Quality Control Board requirements. The placement of 1 to 3 feet of clean soil would allow minor lateral meandering of the restored tidal marsh. It would not present substantial obstacles to floodflows under extreme sea-level rise conditions. The northern 100 feet of the site along San Francisco Bay is within the tsunami inundation zone and, therefore, subject to flooding from tsunami.[204] Although the Bay is a large and open body of water, there is no immediate risk of seiche. Large waves, both sea and swell, generated in the Pacific Ocean undergo considerable refraction and diffraction upon passing through the Golden Gate, resulting in greatly reduced heights when they reach the Project site. Therefore, there is no risk of seiche that would affect the Project site, and the Project site is not subject to flooding from a seiche.

Pollutant concerns on the Project site include existing contaminated fill. However, existing fill within the restored marsh and ecotone would be over-excavated and replaced with clean soil that meets the San Francisco Bay Regional Water Board's wetland surface material contaminant criteria for the protection of aquatic organisms in the baylands. Over-excavation and backfilling with clean material would provide a buffer between the surface material that would be exposed to inundation and the existing underlying material that would exceed the Regional Water Board's surface criteria with regard to pollutants.[205]

Proposed operation of the site would not require use or storage of hazardous materials that could be released during inundation events. In the event of a flood hazard, to reduce the risk of pollutant release, the Project would comply with the requirements of local water quality programs and associated municipal stormwater NPDES, municipal separate storm sewer systems (MS4), and MRP permits to manage flood

[201] Federal Emergency Management Agency. 2019. *National Flood Hazard Layer FIRM 06081C0154G*. Panel 154 of 510. April 5.

[202] cbec eco engineering. 2021. *CEQA Impacts Assessment for Hydrology Technical Memorandum*. November 24.

[203] Ibid.

[204] Langan Engineering and Environmental Services, Inc. 2021. *Preliminary Geotechnical Investigation Burlingame Shoreline Park Burlingame, California*. Prepared for the SPHERE Institute. June 28.

[205] cbec eco engineering. 2021. *CEQA Impacts Assessment for Hydrology Technical Memorandum*. November 24.

risks and water quality. Conformance with these requirements would ensure that any risk of release of pollutants due to Project inundation in a flood hazard, tsunami, or seiche zone would be minimized. The Project would not release pollutants due to Project inundation by flood hazard, tsunami, or seiche, resulting in ***less-than-significant*** impacts.

e. Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan? (Less than Significant)

Project implementation would not conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan. The Project would result in an increase in impervious surface area, which would result in an increase in stormwater volumes and associated pollutants leaving the Project site. However, the Project site would treat stormwater with LID treatment measures, including bioretention/detention basins, self-retaining areas, and grassy swales. The Project applicant would comply with the appropriate water quality objectives for the region, including the MRP. The City review and permitting process would ensure that the permit's waste discharge requirements would not be violated by the Project. As part of compliance with permit requirements during ground-disturbing or construction activities, implementation of water quality control measures and BMPs would ensure that water quality standards would be achieved, including water quality objectives that protect designated beneficial uses of surface water and groundwater, as defined in *San Francisco Bay Basin (Region 2) Water Quality Control Plan*.[206]

The NPDES Construction General Permit requires stormwater discharges not to contain pollutants that cause or contribute to an exceedance of any applicable water quality objectives or water quality standards, including designated beneficial uses. In addition, as described in Impact X(b), the City is part of the South Westside Basin Groundwater Management Plan, which is a voluntary groundwater management plan. Dewatering would be conducted temporarily during the construction phase. Despite requiring temporary passive dewatering during construction, dewatering would not alter groundwater supply. The Project would not conflict with implementation of this plan because it would not conflict with the plan's goal of ensuring a sustainable, high-quality reliable water supply. Furthermore, the Project would incorporate on-site retention facilities, including rainwater cisterns, a bioretention feature, self-retainment landscaping features, and grassy swales, which would provide the potential for groundwater recharge. Thus, the Project would not conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan, and the impact would be ***less than significant***.

[206] San Francisco Regional Water Quality Control Board. 2023. *San Francisco Bay Basin (Region 2) Water Quality Control Plan*. March 7, 2023. Available: https://www.waterboards.ca.gov/sanfranciscobay/basin_planning.html#basinplan. Accessed: August 25, 2024.

XI. Land Use and Planning

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
Would the Project:				
a. Physically divide an established community?	☐	☐	☐	☒
b. Result in a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☒	☐

Setting

The Project site is governed by the 2040 General Plan, the Burlingame Municipal Code, and the Airport Land Use Compatibility Plan (ALUCP). The Project site is within the ALUCP's San Francisco International (SFO) Airport Influence Area B, which requires new plans and projects to demonstrate consistency with the goals and policies of the ALUCP.[207] Burlingame is divided into a series of planning areas with a variety of land uses, including commercial, office, cultural, civic, and quasi-civic uses. Land uses in the vicinity of the Project site include a mix of commercial, office, hotel, restaurant, and park uses. In addition, the Project site is in the vicinity of two large-scale transportation uses: SFO, approximately 1.5 mile to the northwest, and US 101, approximately 0.25 mile to the south.

On January 7, 2019, the City adopted its *Envision Burlingame General Plan* (2040 General Plan), which updated the City's previous general plan, including vision, goals, policies, and land use designations to provide direction for Burlingame's growth through 2040.[208] The Project site is within the Bayfront Commercial (BFC) land use designation. According to the 2040 General Plan, the BFC land use designation encourages entertainment venues, restaurants, hotels and motels, retail establishments, higher-intensity office uses, and public open space uses. In addition to public open spaces, this designation also allows existing open space easements to implement local and regional objectives related to trail plans, recreation, and habitat preservation. This is because the City aims to prioritize public access to the waterfront.

The Project site is also zoned Anza Area (AA) under the Burlingame Municipal Code (AA zoning in effect at time of Project submittal), which allows for a mix of uses, including office uses, research and development (R&D), and associated laboratory uses and instructional activities.[209] Building heights of up

[207] City/County Association of Governments of San Mateo County. 2012. *Comprehensive Airport Land Use Compatibility Plan for the Environs of San Francisco International Airport*. November. Available: https://ccag.ca.gov/wp-content/uploads/2014/10/Consolidated_CCAG_ALUCP_November-20121.pdf. Accessed: June 27, 2024.

[208] City of Burlingame. 2024. *General Plan Update*. Available: https://burlingame.org/252/General-Plan-Update. Accessed: June 27, 2024.

[209] The zoning designation for the Project site was AA at the time the Project was submitted; the Project is evaluated as such throughout this IS/MND. However, it is noted that since the Project was submitted, the zoning designation has changed for the Project site (now zoned BFC to bring the site's zoning into conformance with the General Plan designation). The AA zoning designation allows a mix of uses, including office uses, research and development (R&D), and associated laboratory uses and instructional activities with building heights of up to 65 feet and floor area ratios (FARs) of 0.6. The updated BFC zoning designation also allows office and R&D uses as well as both local and tourist-related commercial uses that take advantage of views of and access to the Bay. Building heights under the BFC designation are up to 65 feet with FARs from 1.0 to 3.0.

to 65 feet are permitted. However, no building or structure can exceed 40 feet within 100 feet of the Bay shoreline, as defined by the BCDC. Offices with a maximum floor area ratio (FAR) greater than 0.6, including R&D developments with associated laboratory uses, require a conditional use permit.

The Project site, which includes approximately 9.4 acres of on land and approximately 0.83 acre in Sanchez Channel, is in the northeastern portion of the city. The Project site is within the BCDC shoreline band.[210] An unimproved portion of the Bay Trail is located along the northern edge of the Project site, and an unused gravel parking lot is located at the western edge of the Project site, adjacent to a paved parking lot for Kincaid's, a restaurant. There is also an abandoned paved parking lot on the eastern edge of the site, along with other hardscape infrastructure from the former Sherman restaurant, which was on a moored boat in Sanchez Creek. An FAA tower associated with San Francisco International Airport (SFO) is on an easement within this eastern parking lot. The easement is currently leased from SLC. Upon commencement of Project construction, the site would comprise a public nature and recreation park with an education center/event building, along with a drop-off loop and one-way drive with parking.

Discussion

a. Physically divide an established community? (No Impact)

The Project site is currently vacant and undeveloped, other than the FAA tower, an unimproved portion of the Bay Trail, and parking surfaces. The Project would redevelop the vacant parcel into a public nature and recreation park with an education center/event building and on-site parking. This would be consistent with planned land uses established in the 2040 General Plan. No residential uses or established communities are within the immediate vicinity of the Project site. Implementation of the Project would not result in physical division of an established community. Therefore, there would be ***no impact.***

b. Result in a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect? (Less than Significant)

The Project site is designated BFC in the Burlingame General Plan and within the AA zoning district. The Burlingame General Plan is a legal document that is required by state law. It provides direction for development and the use of land in the city. All development in the city must conform to the land use designations outlined in the Burlingame General Plan. The Project would be consistent with the existing BFC land use designation, which allows public open spaces as a permitted use. It would also be consistent with those uses permitted under the AA zoning district and the Burlingame Municipal Code. However, the Project would require a conditional use permit as a publicly owned recreational facility and a parking variance for off-site parking and valet parking.

With the conditional use permit, the Project would be consistent with the requirements set forth for development in the AA zoning district, which allows a building height of 40 feet within 100 feet of the Bay shoreline and a FAR of 0.6. The proposed education center/event building would have a maximum height of approximately 33 feet; the Project's FAR would be 0.03. The Project would also require a parking variance for off-site parking as well as valet parking, which would accommodate proposed uses and events held at the education center/event building. The Project would be consistent with all other zoning regulations, including those pertaining to uses, setbacks, view corridors, lot coverage, minimum lot size, landscaping, and trash and loading docks. The General Plan states that "the Bayfront will be a regional

[210] The shoreline band is the land extending inland 100 feet from the shoreline of the Bay, which is within the jurisdiction of BCDC.

recreation and business destination." The Project would support this overall vision by providing a new, publicly accessible 10.2-acre public nature and recreation park with an education center/event building on the waterfront. Therefore, with the conditional use permit for the publicly owned recreational facility, the Project would be consistent with the AA zoning designation and BFC land use designation.

The 2040 General Plan, Community Character chapter, includes various goals, policies, and guidelines pertaining to growth, development, and design standards. In particular, the following goals and policies would apply to the Project:

- **Policy CC-1.9:** Green Building Practice and Standards Support the use of sustainable building elements such as green roofs, cisterns, and permeable pavement, continue to enforce the California Green Building Standards Code (CALGreen), periodically revisit the minimum standards required for permit approval, and adopt zero-net-energy building goals for municipal buildings.
- **Policy CC-1.13**: Support the electric vehicle network by incentivizing use of electric vehicles and installations of charging stations.
- **Policy CC-1.14:** Bird-friendly Design For projects in the Bayfront area, incorporate into the development review process design measures that promote bird safety as a means of minimizing adverse effects on native and migratory birds.
- **Goal CC-5:** Maintain and promote the Bayfront Area as a premier destination along San Francisco Bay for land- and water-based recreation, hospitality uses, creative industries, logistics support, water-based transit service, and local businesses that benefit from proximity to San Francisco International Airport.
- **Policy CC-5.4:** Preserve and enhance Bayfront parks and open spaces, and identify strategies to increase usage of recreational amenities.
- **Policy CC-5.5:** Trail Connectivity Coordinate with partner agencies to connect gaps in the Bay Trail, and require new waterfront development to improve and maintain trail segments along property lines.
- **Policy CC-6.1:** Ensure that new development preserves public views to the waterfront. Consider sightlines and viewsheds from Bayfront open spaces when planning future projects.
- **Policy CC-6.6:** Accommodate access to the Bay for water-based recreation and transit uses.
- **Policy CC-6.7:** Sea Level Rise Require that new and existing development along the Bayfront make provisions for sea level rise and flood risks, which may involve payment of assessments to fund City or other efforts to build a unified defense system. Maintain minimum waterfront setback, with the setback area providing space in the future to accommodate sea level rise and flooding defenses. Design new buildings with habitable areas elevated to minimize potential damage from exceptional storm events.

In general, the Project would be consistent with the 2040 General Plan goals and policies. However, it should be noted that the ultimate determination regarding General Plan consistency will be made by the City Planning Commission. In addition, the ultimate findings regarding General Plan consistency does not require the Project to be entirely consistent with each individual goal and policy. A project can be generally consistent with the General Plan, even though the project may not promote every applicable goal and policy.

The ALUCP identified policies for projects within the airport influence area. Although the Project site is in an airport influence area (Area B), in October 2023, C/CAG determined that Burlingame's Zoning Ordinance Update, including zoning for AA, is conditionally consistent with the ALUCP.[211] The Project, being consistent with the 2040 General Plan land use and zoning designation of AA, requires no additional determination from C/CAG. The Project would, therefore, be consistent with the ALUCP. Although the Project is within influence Area B, as addressed under Section IX, *Hazards and Hazardous Materials*, it is not within any noise contours, as discussed in Section XIII, *Noise*.

As mentioned in Chapter 2, *Project Description*, the northern portion of the Project site is adjacent to San Francisco Bay; it contains a portion of the 100-foot shoreline band within the jurisdiction of the San Francisco Bay Conservation and Development Commission (BCDC). Because a portion of the Project site is within 100 feet of the navigable slough, Project-related work within the 100-foot shoreline band would be subject to the McAteer-Petris Act, thereby requiring a permit from BCDC. The McAteer-Petris Act allows BCDC to issue or deny permits for work that would place fill, extract material, or change the use of any land, water, or structure within the area of its jurisdiction, in conformance with San Francisco Bay Plan policies and McAteer-Petris Act requirements. The permit would be reviewed and approved by BCDC to ensure that the Project, as well as all Project-related activities within the shoreline band, would be consistent with the requirements of the San Francisco Bay Plan and McAteer-Petris Act. The Project Sponsor would be required to secure a BCDC permit prior to issuance of the Project's building permit. Furthermore, the proposed Project is being designed in coordination with OneShoreline to ensure compatibility with the Millbrae-Burlingame Shoreline Protection and Enhancement Project.[212]

The Project would be generally consistent with the Municipal Code and 2040 General Plan land use designations, plans, and policies, as well as the ALUCP and San Francisco Bay Plan, resulting in a ***less-than-significant*** impact.

[211] City/County Association of Governments of San Mateo County Board of Directors. 2023. *C/CAG and San Mateo County Airport Land Use Commission Minutes.* Review and approval of Resolution 23-89, determining that the Burlingame Zoning Ordinance Update is conditionally consistent with the Comprehensive Airport Land Use Compatibility Plan for the Environs of San Francisco International Airport. October 12.

[212] The Millbrae-Burlingame Shoreline Protection and Enhancement Project would include a combination of offshore and shoreline features to protect communities from coastal hazards and sea-level rise; it would also improve habitats and recreational opportunities along the Bay shoreline south of SFO and immediately adjacent to the cities of Millbrae and Burlingame.

XII. Mineral Resources

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
Would the Project:				
a. Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	☐	☒
b. Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?	☐	☐	☐	☒

Setting

The California Surface Mining and Reclamation Act (SMARA) of 1975 requires the State Geologist to classify land into Mineral Resource Zones (MRZs), according to the known or inferred mineral potential of the land. According to available data, the Project site and the area surrounding the Project site have been classified as MRZ-1.[213] The California Department of Conservation, Division of Mines and Geology, defines MRZ-1 as follows:

> MRZ-1: Areas where adequate geologic information indicates that no significant mineral deposits are present or where it is judged that little likelihood exists for their presence. This zone is applied where well-developed lines of reasoning, based on economic geologic principles and adequate data, indicate that the likelihood for any occurrence of significant mineral deposits is nil or slight.[214]

Discussion

a. Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state? (No Impact)

As identified above, the Project site is identified as MRZ-1 and is not underlain by any known significant mineral deposits. Therefore, the Project would not result in the loss of availability of such resources, and there would be ***no impact***.

b. Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan? (No Impact)

The Project site is vacant, and surrounding areas are developed and not used for mineral recovery. No known mineral resources, including locally important mineral resources, are known to exist within the Project site or the surrounding area. Therefore, the Project would not result in the loss of availability of such resources, and there would be ***no impact***.

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[213] California Department of Conservation. 1996. *Update of Mineral Land Classification: Aggregate Materials in the South San Francisco Bay Production—Consumption Region.* Map prepared by Susan Kohler-Antablin. California Department of Conservation, Division of Mines and Geology, Sacramento, CA. Accessed: June 4, 2024.

[214] California Department of Conservation. 2000. *Guidelines for Classification and Designation of Mineral Lands.* Available: https://www.conservation.ca.gov/smgb/Guidelines/Documents/ClassDesig.pdf. Accessed: June 4, 2024.

XIII. Noise

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
Would the Project:				
a. Generate a substantial temporary or permanent increase in ambient noise levels in the vicinity of the Project in excess of standards established in a local general plan or noise ordinance or applicable standards of other agencies?	☐	☐	☒	☐
b. Generate excessive ground-borne vibration or ground-borne noise levels?	☐	☐	☒	☐
c. Be located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport and expose people residing or working in the Project area to excessive noise levels?	☐	☐	☐	☒

Setting

Overview of Noise and Sound

Noise is commonly defined as unwanted sound that annoys or disturbs people and potentially has an adverse psychological or physiological effect on human health. Because noise is an environmental pollutant that can interfere with human activities, an evaluation of noise is necessary when considering the environmental impacts of a proposed project.

Sound is characterized by various parameters, including the rate of oscillation of sound waves (frequency), the speed of propagation, and the pressure level or energy content (amplitude). In particular, the sound pressure level is the most common descriptor used to characterize the loudness of an ambient (existing) sound level. Although the decibel scale, a logarithmic scale, is used to quantify sound intensity, it does not accurately describe how sound intensity is perceived by human hearing. The human ear is not equally sensitive to all frequencies in the spectrum; therefore, noise measurements are weighted more heavily toward frequencies to which humans are sensitive through a process referred to as A-weighting.

Human sound perception, in general, is such that a change in sound level of 1 decibel (dB) cannot typically be perceived by the human ear, a change in sound level of 3 dB is just noticeable, a change of 5 dB is clearly noticeable, and a change of 10 dB is perceived as doubling or halving the sound level. A doubling of the actual sound energy is required to result in a 3 dB (i.e., barely noticeable) increase in noise; in practice, this means that the volume of traffic on a roadway typically needs to double to result in a noticeable increase in noise.[215]

[215] California Department of Transportation. 2013. *Technical Noise Supplement to the Traffic Noise Analysis Protocol.* September. Available: https://dot.ca.gov/-/media/dot-media/programs/environmental-analysis/documents/env/tens-sep2013-a11y.pdf. Accessed: December 10, 2024.

The decibel level of a sound decreases (or attenuates) exponentially as the distance from the source of that sound increases. For a point source, such as a stationary compressor or construction equipment, sound generally attenuates at a rate of 6 dB per doubling of distance. For a line source, such as free-flowing traffic on a freeway, sound generally attenuates at a rate of 3 dB per doubling of distance. Atmospheric conditions, including wind, temperature gradients, and humidity, can change how sound propagates over distance and affect the level of sound received at a given location. The degree to which the ground surface absorbs acoustical energy also affects sound propagation. Sound that travels over an acoustically absorptive surface, such as grass, attenuates at a greater rate than sound that travels over a hard surface, such as pavement. The increased attenuation is typically in the range of 1 to 2 dB per doubling of distance. Barriers, such as buildings and topographic features that block the line of sight between a source and receiver, also increase the attenuation of sound over distance.

In urban environments, simultaneous noise from multiple sources may occur. Because sound pressure levels, expressed in decibels, are based on a logarithmic scale, they cannot be added or subtracted in the usual arithmetical way. Adding a new noise source to an existing noise source, with both producing noise at the same level, will not double the noise level. If the difference between two noise sources is 10 A-weighted decibels (dBA) or more, the higher noise source will dominate, and the resultant noise level will be equal to the noise level of the higher noise source. In general, if the difference between two noise sources is 0 to 1 dBA, the resultant noise level will be 3 dBA higher than the higher noise source, or both sources if both are equal. If the difference between two noise sources is 2 to 3 dBA, the resultant noise level will be 2 dBA above the higher noise source. If the difference between two noise sources is 4 to 10 dBA, the resultant noise level will be 1 dBA higher than the higher noise source.

Community noise environments are generally perceived as quiet when the 24-hour average noise level is below 45 dBA, moderate in the 45 to 60 dBA range, and loud above 60 dBA. Very noisy urban residential areas are usually around 70 dBA with respect to the community noise equivalent level (CNEL). Along major thoroughfares, roadside noise levels are typically between 65 and 75 dBA CNEL. Incremental increases of 3 to 5 dB to the existing 1-hour equivalent sound level (L_{eq}), or CNEL, are common thresholds for an adverse community reaction to a noise increase. However, there is evidence that incremental thresholds in that range may not be adequately protective in areas where noise-sensitive uses are located and the CNEL is already high (i.e., above 60 dBA). In those areas, limiting noise increases to 3 dB or less is recommended. Noise intrusions that cause short-term interior noise levels to rise above 45 dBA at night can disrupt sleep. Exposure to noise levels greater than 85 dBA for 8 hours or longer can cause permanent hearing damage.

Because sound levels can vary markedly over a short period of time, various descriptors or noise "metrics" have been developed to quantify environmental and community noise. These metrics generally describe either the average character of the noise or the statistical behavior of the variations in the noise level. Table 3.13-1, below, describes typical A-weighted sound levels for various noise sources.

Table 3.13-1. Typical A-Weighted Sound Levels

Common Outdoor Noise Source	Sound Level (dBA)	Common Indoor Noise Source
	— 110 —	Rock band
Jet flying at 1,000 feet		
	— 100 —	
Gas lawn mower at 3 feet		
	— 90 —	
Diesel truck at 50 feet at 50 mph		Food blender at 3 feet
	— 80 —	Garbage disposal at 3 feet
Noisy urban area, daytime		
Gas lawn mower at 100 feet	— 70 —	Vacuum cleaner at 10 feet
Commercial area		Normal speech at 3 feet
Heavy traffic at 300 feet	— 60 —	
		Large business office
Quiet urban, daytime	— 50 —	Dishwasher in next room
Quiet urban, nighttime	— 40 —	Theater, large conference room (background)
Quiet suburban, nighttime		
	— 30 —	Library
Quiet rural, nighttime		Bedroom at night
	— 20 —	
		Broadcast/recording studio
	— 10 —	
Lowest threshold of human hearing	— 0 —	Lowest threshold of human hearing

Source: California Department of Transportation. 2013. *Technical Noise Supplement to the Traffic Noise Analysis Protocol.* September. Available: https://dot.ca.gov/-/media/dot-media/programs/environmental-analysis/documents/env/tens-sep2013-a11y.pdf. Accessed: December 10, 2024.

Overview of Ground-borne Vibration

Ground-borne vibration is an oscillatory motion of the soil with respect to the equilibrium position. It can be quantified in terms of velocity or acceleration. Variations in geology and distance result in different vibration levels, including different frequencies and displacements. In all cases, vibration amplitudes decrease with increased distance.

The operation of heavy construction equipment creates seismic waves that radiate along the surface of and downward into the ground. These surface waves can be felt as ground vibration. Vibration from the operation of construction equipment can result in effects that range from annoyance for people to damage for structures. Perceptible ground-borne vibration is generally limited to areas within a few hundred feet of construction activities. As seismic waves travel outward from a vibration source, they cause rock and soil particles to oscillate. The actual distance that these particles move is usually only a few ten thousandths to a few thousandths of an inch. The rate or velocity, expressed in inches per second, at which these particles move is the commonly accepted descriptor of vibration amplitude, peak particle velocity (PPV).

Vibration amplitude attenuates (or decreases) over distance. Attenuation is a complex function of how energy is imparted into the ground as well as the soil or rock conditions through which the vibration is traveling. Variations in geology can result in different vibration levels.

The potential impacts of vibration during construction were evaluated using the construction vibration modeling methods recommended by the U.S. Department of Transportation. The California Department of Transportation (Caltrans) provides guidelines regarding vibration associated with construction and the operation of transportation infrastructure.[216] Table 3.13-2 provides the Caltrans vibration guidelines regarding potential damage for different types of structures.

Table 3.13-2. Caltrans Vibration Guidelines for Potential Damage to Structures

	Maximum Peak Particle Velocity (PPV, in/sec)	
Structure Type and Condition	**Transient Sources**	**Continuous/Frequent Intermittent Sources**
Extremely fragile historic buildings	0.12	0.08
Fragile buildings	0.2	0.1
Historic and some older buildings	0.5	0.25
Older residential structures	0.5	0.3
New residential structures	1.0	0.5
Modern industrial/commercial buildings	2.0	0.5

Source: California Department of Transportation. 2020. *Transportation and Construction Vibration Guidance Manual*. Final. CT-HWANP-RT-20-365.01.01. April. Sacramento, CA. Available: https://dot.ca.gov/-/media/dot-media/programs/environmental-analysis/documents/env/tcvgm-apr2020-a11y.pdf. Accessed: December 10, 2024.

Ground-borne vibration and noise can also disturb people. Numerous studies have been conducted to characterize the human response to vibration, which are discussed in Federal Transit Administration (FTA) and Caltrans guidance. People are generally more sensitive to vibration during nighttime hours when they are sleeping than in the daytime. Vibration from frequent intermittent sources may be distinctly perceptible at a PPV of 0.04 inch per second (in/sec) and strongly perceptible at a PPV of 0.10 in/sec.[217] Table 3.13-3 provides the Caltrans vibration guidelines regarding potential human annoyance.

[216] California Department of Transportation. 2020. *Transportation and Construction Vibration Guidance Manual*. April. Sacramento, CA. Available: https://dot.ca.gov/-/media/dot-media/programs/%20environmental-analysis/documents/ env/tcvgm-apr2020-a11y.pdf. Accessed: December 10, 2024.

[217] Federal Transit Administration. 2018. *Transit Noise and Vibration Impact Assessment Manual*. (FTA Report No. 0123.) Available: https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/research-innovation/118131/transit-noise-and-vibration-impact-assessment-manual-fta-report-no-0123_0.pdf. Accessed: December 10, 2024.

Table 3.13-3. Caltrans Guidelines for Vibration Annoyance Potential Error! Bookmark not defined.

	Maximum PPV (in/sec)	
Human Response	**Transient Sources**	**Continuous/Frequent Intermittent Sources**
Barely perceptible	0.04	0.01
Distinctly perceptible	0.25	0.04
Strongly perceptible	0.9	0.10
Severe	2.0	0.4

Source: California Department of Transportation. 2020. *Transportation and Construction Vibration Guidance Manual*. Final. CT-HWANP-RT-20-365.01.01. April. Sacramento, CA. Available: https://dot.ca.gov/-/media/dot-media/programs/environmental-analysis/documents/env/tcvgm-apr2020-a11y.pdf. Accessed: December 10, 2024.

Note: Transient sources create a single, isolated vibration event (e.g., blasting or the use of drop balls). Continuous/frequent intermittent sources include impact pile drivers, pogo-stick compactors, crack-and-seat equipment, vibratory pile drivers, and vibratory compaction equipment.

Existing Noise Environment

Noise-Sensitive Land Uses

Noise-sensitive land uses are generally defined as locations where people reside or where the presence of unwanted sound could adversely affect use of the land. Noise-sensitive land uses typically include residential areas, hospitals, hotels, and schools. Regarding the nearest noise-sensitive land uses site, the Project site is surrounded on three sides by a mix of commercial uses, office buildings, municipal parks, transient lodging (Hilton Hotel), and restaurants; one side is adjacent to San Francisco Bay. Fisherman's Park and the Meta Reality Labs campus are east of the site; a variety of office buildings and restaurants are south of the Project site, across Airport Boulevard. The Hilton San Francisco Airport Bayfront Hotel is to the southwest and Kincaid's Fish, Chop & Steakhouse is to the west. North of the Project site is San Francisco Bay.

Noise Measurement Survey

A field survey was conducted by Illingworth & Rodkin, Inc., between Friday, January 21, and Tuesday, January 25, 2022, to characterize the existing ambient noise environment in the vicinity of the Project site. The survey included two long-term measurements (24 hours or more) and two short-term measurements (10 minutes). Refer to Figure 3.13-1 for the noise measurement location map.

Long-term measurements were conducted near the intersection of Airport Boulevard and Bay View Place (LT-1) and the northeast corner of the site (LT-2). Short-term measurements were conducted at the northwest corner of the Project site (ST-1) and along Airport Boulevard (ST-2). The existing noise environment is dominated by automobile traffic along Airport Boulevard and aircraft noise from San Francisco International Airport (SFO). Table 3.13-4, below, shows the results of the long-term noise monitoring. Table 3.13-5 shows the results of the two short-term measurements.

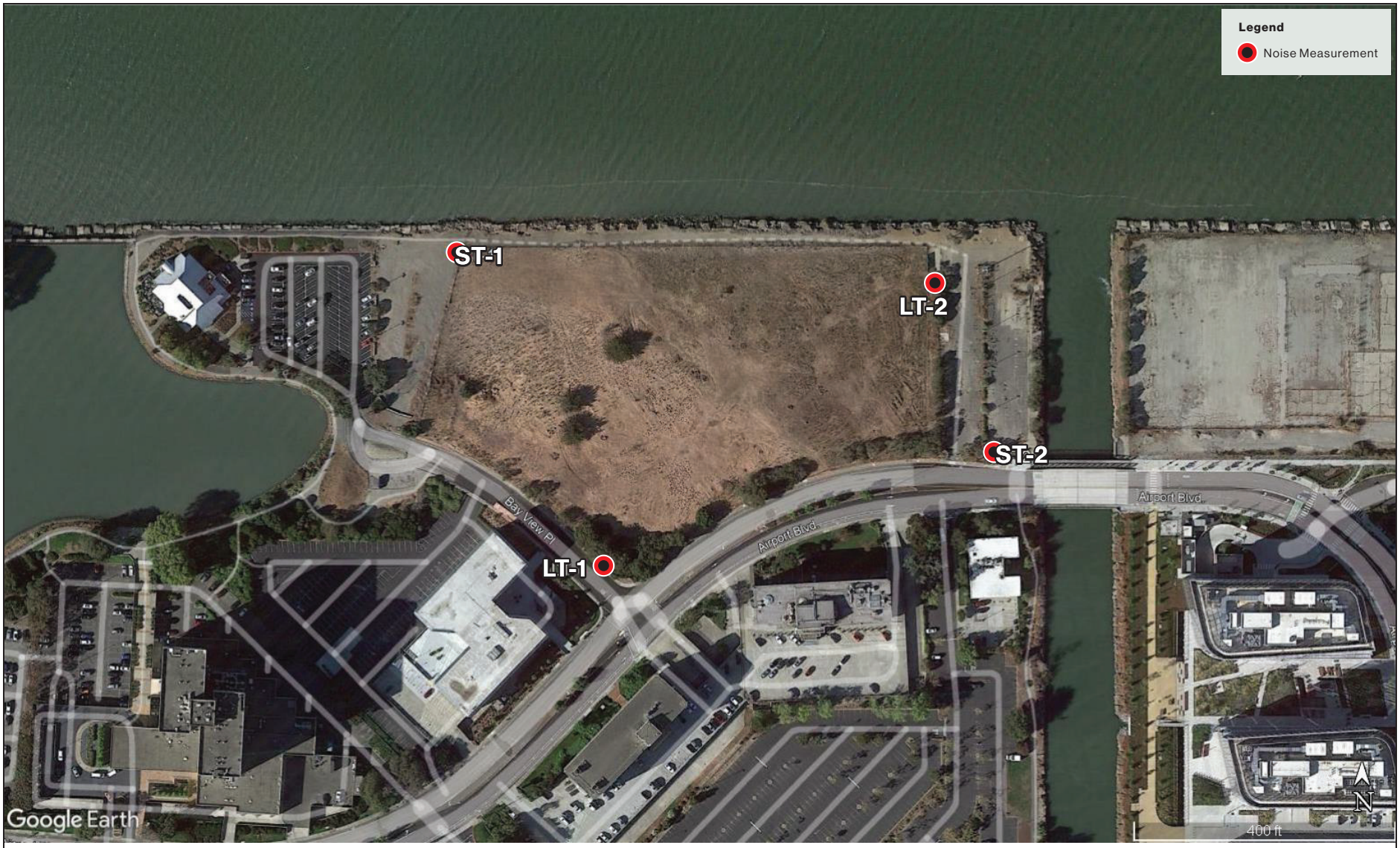

Image: Google Earth, 2022.

Source: Illingworth & Rodkin, Inc., 2024. The Park at 410 Airport Boulevard, Noise and Vibration Assessment. September.

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Figure 3.13-1
Noise Measurement Locations

Table 3.13-4. Summary of Long-Term Noise Measurements

Noise Measurement Location (Date)	Daytime Average Noise Levels (7:00 a.m. to 7:00 p.m.) Highest L_{eq}	Lowest L_{eq}	12-Hour L_{eq}	CNEL
LT-1: 95 feet northwest of the Airport Boulevard centerline (Friday, January 21, 2022)	76	57	—	—
LT-1: 95 feet northwest of the Airport Boulevard centerline (Saturday, January 22, 2022)	69	58	62	64
LT-1: 95 feet northwest of the Airport Boulevard centerline (Sunday, January 23, 2022)	69	56	61	63
LT-1: 95 feet northwest of the Airport Boulevard centerline (Monday, January 24, 2022)	64	58	61	64
LT-1: 95 feet northwest of the Airport Boulevard centerline (Tuesday, January 25, 2022	58	57	—	—
LT-2: 310 feet north of the Airport Boulevard centerline (Friday, January 21, 2022)	56	53	—	—
LT-2: 310 feet north of the Airport Boulevard centerline (Saturday, January 22, 2022)	64	55	61	63
LT-2: 310 feet north of the Airport Boulevard centerline (Sunday, January 23, 2022)	58	52	55	62
LT-2: 310 feet north of the Airport Boulevard centerline (Monday, January 24, 2022)	61	55	58	63
LT-2: 310 feet north of the Airport Boulevard centerline (Tuesday, January 25, 2022)	55	53	—	—

Source: Illingworth & Rodkin, Inc. 2024. *The Park at 410 Airport Boulevard, Noise and Vibration Assessment*. September. Appendix F, *Noise and Vibration Assessment.*

Table 3.13-5. Summary of Short-Term Noise Measurements (dBA)

Site ID	Start Time	L_{max}	L_1	L_{10}	L_{50}	L_{90}	L_{eq}
ST-1	10:10 a.m.	61	59	56	46	45	52
ST-2	10:30 a.m.	73	66	58	51	45	56

Source: Illingworth & Rodkin, Inc., 2024. *The Park at 410 Airport Boulevard, Noise and Vibration Assessment*. September. Appendix F.

Short-term monitoring occurred on January 25, 2022.

ST: Short-term noise monitoring was conducted for 10 minutes at each location.

L_{max} = Maximum noise level measured during the measurement period.

Ln = Percentile noise levels indicate the noise level that is exceeded n percent of the measurement period, where n is equal to 1, 10, 50, and 90 percent.

L_{eq} = An average noise level of the duration of a measurement period (10 minutes)

As shown in Table 3.13-5, the short-term noise measurement along the north side of the Project site (ST-1) was approximately 52 dBA L_{eq}; the short-term noise measurement near the southeast portion of the site was approximately 56 dBA L_{eq}. The 24-hour CNEL noise level near the northeast corner of the Project site was between 62 and 63 dBA CNEL during the 3 days when 24-hour measurements were obtained. The 24-hour CNEL noise level near the southwest corner of the Project site was between 63 and 64 dBA CNEL during the 3 days when 24-hour measurements were obtained. The maximum 1-hour L_{eq} sound level recorded during the field survey was 76 dBA L_{eq}, which occurred on Friday, January 21, 2022, at the LT-1 measurement location. The lowest 1-hour L_{eq} sound level recorded during the field survey was 52 dBA L_{eq}, which occurred on Sunday, January 23, 2022, at the LT-2 measurement location.

Regulatory Setting

Federal

Federal Transit Administration

No federal laws, regulations, or policies for construction-related noise and vibration apply directly to the Project. However, the Federal Transit Administration has developed guidelines for assessing construction noise and vibration impacts. Although these guidelines are not directly applicable to the Project, they are commonly used in many jurisdictions when quantitative daytime construction noise thresholds are not available. The FTA guidelines for noise limits for sensitive land uses describe levels that may potentially result in negative community reaction. These are discussed in Chapter 7 of the *Transit Noise and Vibration Impact Assessment Manual* (FTA Manual).[218] The analysis methods and guidance in the FTA Manual are used to set noise limits if criteria specific to construction are not specified in a local ordinance or standard. Based on FTA's general assessment methodology for commercial and industrial land uses, an exterior threshold of 100 dBA L_{eq} shall apply during daytime hours. A threshold of 90 dBA L_{eq} applies for residential uses. When using FTA's Detailed Analysis approach, daytime construction noise is limited to 80 dBA L_{eq} at residential land uses, 85 dBA L_{eq} at commercial and office uses, and to 90 dBA L_{eq} at industrial land uses.

[218] Federal Transit Administration. 2018. *Transit Noise and Vibration Impact Assessment*. FTA Report No. 0123. Available: https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/research-innovation/118131/transit-noise-and-vibration-impact-assessment-manual-fta-report-no-0123_0.pdf. Accessed: December 1, 2024.

State

California Department of Transportation

There are no state vibration standards that directly apply to the Project, and there are also no quantitative local standards that can be used to assess Project-related vibration. However, the Caltrans has developed guidelines for assessing construction vibration impacts that are commonly used in many jurisdictions throughout the state when local quantitative construction vibration thresholds are not available. Caltrans' widely referenced *Transportation and Construction Vibration Guidance Manual*[219] provides guidance for two types of potential impact: (1) damage to structures, and (2) annoyance to people. Guideline criteria for damage to structures and potential annoyance are provided in Table 3.13-2 and Table 3.13-3, found in the *Overview of Ground-borne Vibration* section above.

Local

Airport Land Use Compatibility Plan for the Environs of San Francisco International Airport 2012

Noise associated with airport and aircraft operations is considered one of the main areas of concern for airport land use commissions, especially in highly urbanized areas like the Bay Area. According to the 2012 SFO Airport Land Use Compatibility Plan (ALUCP), the Airport Influence Area, the geographic area subject to the land use compatibility considerations identified in the ALUCP, is divided into two areas: Area A and Area B. Area A encompasses all of San Mateo County and the incorporated cities within it. Area B roughly follows noise compatibility and safety zone contours. The Project site is within the ALUCP's Area B, which requires new plans and projects to demonstrate consistency with the goals and policies of the ALUCP.[220]

The airport noise compatibility policies described in this section outline compatibility criteria for the proposed land use.

NP-2: Airport Noise/Land Use Compatibility Criteria. The compatibility of proposed land uses located in the airport noise compatibility zones shall be determined according to the noise/land use compatibility criteria shown in [ALUCP] Table IV-1. The criteria indicate the maximum acceptable airport noise levels, described in terms of CNEL, for the indicated land uses. The compatibility criteria indicate whether a proposed land use is "compatible," "conditionally compatible," or "not compatible" within each zone, designated by the identified CNEL ranges.

- "Compatible" means that the proposed land use is compatible with the CNEL level indicated in the table and may be permitted without any special requirements related to the attenuation of aircraft noise.
- "Conditionally compatible" means that the proposed land use is compatible if the conditions described in [ALUCP] Table IV-1 are met.
- "Not compatible" means that the proposed land use is incompatible with aircraft noise at the indicated CNEL level.

[219] California Department of Transportation. 2020. *Transportation and Construction Vibration Guidance Manual*. Final. CT-HWANP-RT-20-365.01.01. April. Sacramento, CA. Available: https://dot.ca.gov/-/media/dot-media/programs/environmental-analysis/documents/env/tcvgm-apr2020-a11y.pdf. Accessed: December 1, 2024.

[220] City/County Association of Governments. 2012. *Comprehensive Airport Land Use Compatibility Plan for the Environs of San Francisco International Airport*. November. Available: https://ccag.ca.gov/wp-content/uploads/2014/10/Consolidated_CCAG_ALUCP_November-20121.pdf. Accessed: May 24, 2024.

For recreational land uses, noise levels up to 70 dBA CNEL are considered compatible.

Burlingame General Plan

Chapter 8, Community Safety Element, of the Burlingame General Plan establishes noise and land use compatibility standards to guide new development. The overall goal of the element is to protect residents from excessive construction noise and vibration as well as increases in permanent ambient noise from individual projects. The goals and policies require assessments as well as minimization of potential noise impacts on sensitive receptors, thereby reducing impacts to less than significant. The policies relevant to the Project include:

- **Policy CS-4.1:** Locating noise-sensitive uses away from major sources of noise;
- **Policy CS-4.7:** Monitoring noise impacts from aircraft operations at SFO as well as noise at Mills-Peninsula Medical Center;
- **Policy CS-4.8:** Requiring the evaluation and, if necessary, mitigation of airport noise impacts if a project is within the 60 dBA CNEL contour line of SFO;
- **Policy CS-4.10:** Requiring development projects that are subject to discretionary approval to assess potential construction noise impacts on nearby sensitive uses and minimize impacts consistent with the Burlingame Municipal Code; and
- **Policy CS-4.13:** Requiring a vibration impact assessment for projects that would use heavy-duty equipment and be within 200 feet of an existing structure or sensitive receptor.

The Community Safety Element of the Burlingame General Plan also includes noise compatibility criteria for each category of land use in the city. Noise levels up to 70 dBA CNEL are considered normally acceptable at neighborhood park uses. Land uses that are less noise sensitive, such as commercial and industrial uses, are considered compatible with higher levels of outdoor noise. Figure 3.13-2, which is from the 2040 General Plan Community Safety Element, shows the outdoor noise levels that are suitable for the various land use categories.[221]

Burlingame Municipal Code

The Building Construction section of the Burlingame Municipal Code establishes hours for construction in the city. Section 18.07.110 states that no person shall erect, demolish, alter, or repair any building or structure outside the hours of 8:00 a.m. to 7:00 p.m. on weekdays or 9:00 a.m. to 6:00 p.m. on Saturdays; no construction shall take place on Sundays or holidays, except under circumstances of urgent necessity in the interest of public health and safety. An exception, which must be approved in writing by a building official, shall be granted for a period of no more than 3 days for structures with a gross floor area of less than 40,000 square feet when reasonable to accomplish erection, demolition, alteration, or repair work; the exception shall not exceed 20 days for structures with a gross floor area of 40,000 square feet or more.

In the Bayfront Commercial (BFC), Innovative Industrial (I/I) and Rollins Road Mixed Use (RRMU) zones only, construction work may begin at 7:00 a.m. instead of 8:00 a.m. on weekdays. However, the use of chainsaws, jackhammers, pile drivers, or pneumatic impact wrenches shall be prohibited from 7:00 a.m. to 8:00 a.m., unless written approval is granted by the building official pursuant to an exception identified in the paragraph above.

[221] City of Burlingame. 2019. *Envision Burlingame 2040 General Plan*. Chapter VIII, Community Safety, Figure CS-2, Noise Criteria, page CS-13. January.

Figure 3.13-2 City of Burlingame Outdoor Noise Land Use Compatibility Criteria

Land Use Category	Community Noise Exposure Ldn/CNEL, dB					
	55	60	65	70	75	80
Residential – Low Density Single Family, Duplex, Mobile Homes						
Residential – Multi. Family						
Transient Lodging – Motels, Hotels						
Schools, Libraries, Churches, Hospitals, Nursing Homes						
Auditoriums, Concert Halls, Amphitheaters						
Sports Arenas, Outdoor Spectator Sports						
Playgrounds, Neighborhood Parks						
Golf Course, Riding Stables, Water Recreation, Cemeteries						
Office Buildings, Business Commercial and Professional						
Industrial, Manufacturing Utilities, Agriculture						

NORMALLY ACCEPTABLE
Specified land use is satisfactory based upon the assumption that most buildings involved are of normal conventional construction, without any special noise insulation requirements.

CONDITIONALLY ACCEPTABLE
New construction or development should be undertaken only after a detailed analysis of the noise reduction requirements is made and needed noise insulation features included in the design. Conventional construction, but with closed windows and fresh air supply systems or air conditioning, will normally suffice.

NORMALLY UNACCEPTABLE
New construction or development should generally be discouraged. If new construction or development does proceed, a detailed analysis of the noise reduction requirements must be made and needed noise insulation features included in the design.

CLEARLY UNACCEPTABLE
New construction or development should generally not be undertaken. If new construction or development does proceed, a detailed analysis of the noise reduction requirements must be made and needed noise insulation features included in the design.

Discussion

a. Generate a substantial temporary or permanent increase in ambient noise levels in the vicinity of the Project in excess of standards established in a local general plan or noise ordinance or applicable standards of other agencies? (Less than Significant)

Construction Noise

Noise impacts resulting from construction generally depend upon construction equipment being used, the timing and duration of noise-generating activities, and the distance between construction noise sources and noise-sensitive areas. Construction noise impacts primarily result when construction activities occur during noise-sensitive times of the day (e.g., early morning, evening, or nighttime hours), the construction occurs in areas immediately adjoining noise-sensitive land uses, or when construction lasts over extended periods of time. Note that an assessment of the in-water noise effects of Project pile installation and other in-water construction activities on fish was conducted to inform the analysis of potential fish impacts; this analysis is included in Section IV, *Biological Resources*.

According to the City of Burlingame Municipal Code, construction is typically allowed to occur in the BFC zone between the hours of 7:00 a.m. and 7:00 p.m. on weekdays, and 9:00 a.m. and 6:00 p.m. on Saturdays. However, note that the City of Burlingame does not establish quantitative noise level thresholds for daytime construction activities. As an alternative, the noise and vibration assessment for the Project used the noise limits established by the FTA to evaluate the potential for impacts to occur due to temporary construction noise.[222] The FTA identifies construction noise limits in the *Transit Noise and Vibration Impact Assessment Manual*.[223] During daytime hours, based on the FTA's general assessment analysis approach, an exterior threshold of 100 dBA L_{eq} applies at commercial and industrial land uses. Therefore, according to the noise and vibration assessment for the Project, temporary construction noise impacts would be considered significant if Project construction activities would produce noise levels of 100 dBA L_{eq} or greater during daytime hours at the commercial land uses west and south of the site. Construction is not proposed to take place during nighttime hours.

Construction activities can generate considerable amounts of noise, especially during earth-moving activities when heavy equipment is used. The typical range of maximum instantaneous noise levels for construction equipment proposed for use with the Project would be 70 to 90 dBA L_{max} at a distance of 50 feet (refer to Table 3.13-6, below, for noise levels associated with Project construction equipment). Table 3.13-7 shows typical hourly average construction-generated noise levels measured at a distance of 50 feet from the center of the site during typical construction phases (e.g., ground clearing, excavation). As shown in Table 3.13-7, construction of typical recreational projects generates noise levels ranging from 77 to 89 dBA L_{eq} at a distance of 50 feet from the center of the active site. Construction-generated noise levels drop off at a rate of approximately 6 dBA per doubling of the distance between the source and receptor. Shielding by buildings or terrain can result in even lower construction noise levels at distant receptors. However, the analysis in the noise and vibration assessment for the Project assumed no attenuation due to intervening buildings or structures in order to ensure a reasonable worst-case analysis.

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[222] Illingworth & Rodkin, Inc., 2024. *The Park at 410 Airport Boulevard, Noise and Vibration Assessment*. September. Appendix F.

[223] Federal Transit Administration, *Transit Noise and Vibration Impact Assessment Manual*, FTA Report No. 0123, September 2018. Available: https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/research-innovation/118131/transit-noise-and-vibration-impact-assessment-manual-fta-report-no-0123_0.pdf. Accessed: December 1, 2024.

Table 3.13-6. Construction Equipment 50-foot Noise Emission Limits

Equipment Category	Lmax Level (dBA)1,2	Impact/Continuous
Arc welder	73	Continuous
Auger drill rig	85	Continuous
Backhoe	80	Continuous
Bar bender	80	Continuous
Boring jack power unit	80	Continuous
Chain saw	85	Continuous
Compressor3	70	Continuous
Compressor (other)	80	Continuous
Concrete mixer	85	Continuous
Concrete pump	82	Continuous
Concrete saw	90	Continuous
Concrete vibrator	80	Continuous
Crane	85	Continuous
Dozer	85	Continuous
Excavator	85	Continuous
Front-end loader	80	Continuous
Generator	82	Continuous
Generator (25 kilovolt-amps [KVA] or less)	70	Continuous
Gradall	85	Continuous
Grader	85	Continuous
Grinder saw	85	Continuous
Horizontal boring hydro jack	80	Continuous
Hydra brake ram	90	Impact
Impact pile driver	105	Impact
In-situ soil sampling rig	84	Continuous
Jackhammer	85	Impact
Mounted impact hammer (hoe ram)	90	Impact
Paver	85	Continuous
Pneumatic tools	85	Continuous
Pumps	77	Continuous
Rock drill	85	Continuous
Scraper	85	Continuous
Slurry trenching machine	82	Continuous
Soil mix drill rig	80	Continuous
Street sweeper	80	Continuous
Tractor	84	Continuous
Truck (dump, delivery)	84	Continuous
Vacuum excavator truck (vac-truck)	85	Continuous
Vibratory compactor	80	Continuous
Vibratory pile driver	95	Continuous
All other equipment with engines larger than 5 horsepower	85	Continuous

Source: Illingworth & Rodkin, Inc., 2024. *The Park at 410 Airport Boulevard, Noise and Vibration Assessment*. September. Appendix F.

1 Measured at 50 feet from the construction equipment, with a "slow" (1-second) time constant.

2 Noise limits apply to total noise emitted from equipment and associated components operating at full power while engaged in the intended operation.

3 Portable air compressor rated at 75 cubic feet per minute or more and that operates at more than 50 pounds per square inch.

Table 3.13-7. Typical Ranges of Construction Noise Levels at 50 Feet, L_{eq} (dBA)

	Domestic Housing		Office Building, Hotel, Hospital, School, Public Works		Industrial Parking Garage, Religious, Amusement and Recreation, Store, Service Station		Public Works. Roads and Highways, Sewers, Trenches	
	I	II	I	II	I	II	I	II
Ground Clearing	83	83	84	84	84	83	84	84
Excavation	88	75	89	79	89	71	88	78
Foundations	81	81	78	78	77	77	88	88
Erection	81	65	87	75	84	72	79	78
Finishing	88	72	89	75	89	74	84	84

I = All pertinent equipment present at site.

II = Minimum required equipment present at site.

Source: Illingworth & Rodkin, Inc., 2024. *The Park at 410 Airport Boulevard, Noise and Vibration Assessment*. September. Appendix F.

Construction activities for the Project would be completed in four phases. Phase 0, which consists of stockpiling soil, is expected to start in October 2025 and end by November 2025. Phase 1 of Project construction is expected to start in March 2026, followed by Phase 2 in February 2027 and Phase 3 in June 2028. Construction would be completed by June 2029. During each phase of construction, there would be a different mix of equipment operating. Noise levels would vary by phase and vary within phases, based on the amount of equipment in operation and the location at which the equipment is operating. Equipment expected to be used in each construction phase are summarized in Tables 3.13-8 (Phases 0 and 1), 3.13-9 (Phase 2), and 3.13-10 (Phase 3), along with the number of pieces of each type of equipment; the reference noise level at 50 feet, assuming the operation of the two loudest pieces of construction equipment; and the estimated noise levels at the nearest commercial buildings projected from the center of the construction activity by phase.

Table 3.13-8. Phase I Construction Noise Levels

Phase	Construction Equipment (number of pieces)	Calculated Hourly Average L_{eq} (dBA) at Nearest Commercial Buildings from Operation of Two Loudest Pieces of Construction Equipment at Acoustic Center of Phase 0 and Phase I Activities			
		Noise Level at 50 feet	West (620 feet)	Southwest (360 feet)	Southeast (590 feet)
Phase 0 – Stockpile Soil	Rubber-tired dozer (1)* Highway/dump truck (10)*	79	67	72	68
Phase 1a – Demolition/ Site Preparation	Concrete/industrial saw (1)* Tractor/loader/backhoe (1) Dewatering pump (1) Pile hydraulic vibro-driver with hammer rig (1)* Gradall forklift (1) Highway/flatbed truck (4) Rubber-tired dozer (2)	94	72	77	73
Phase 1b – Grading/ Excavation	Excavator (1) Grader (2)* Rubber-tired dozer (2)* Sheepsfoot soil compactor (1) Box/straight-bladed earthmoving equipment (1) Tractor/loader/backhoe (1) Highway/dump truck (10) Water truck (1) Street sweeper (1) Surfacing equipment (2)	84	62	67	63
Phase 1 c – Trenching/ Utilities	Tractor/loader/backhoe (2)* Excavator (1) Trencher (1) Highway/flatbed truck (2)* Highway/dump truck (2)	81	59	64	60

Phase	Construction Equipment (number of pieces)	Calculated Hourly Average L_{eq} (dBA) at Nearest Commercial Buildings from Operation of Two Loudest Pieces of Construction Equipment at Acoustic Center of Phase 0 and Phase I Activities			
		Noise Level at 50 feet	West (620 feet)	Southwest (360 feet)	Southeast (590 feet)
Phase 1d – Specialty, Water Access Ramp	Concrete truck (2) Pumps (1) Excavator (2) Pile hydraulic vibro-driver with hammer rig (1)* Gradall forklift (1) Crane (1) Tractor/loader/backhoe (2) Surfacing equipment (1)*	94	72	77	73

*Denotes two loudest pieces of construction equipment per phase

Source: Illingworth & Rodkin, Inc., 2024. *The Park at 410 Airport Boulevard, Noise and Vibration Assessment*. September. Appendix F.

Table 3.13-9. Phase II Construction Noise Levels

Phase	Construction Equipment (number of pieces)	Calculated Hourly Average L_{eq} (dBA) at Nearest Commercial Buildings from Operation of Two Loudest Pieces of Construction Equipment at Acoustic Center of Phase II Activities			
		Noise Level at 50 feet	West Commercial (740 feet)	Southwest Commercial (340 feet)	South Commercial (260 feet)
Phase 2a – Grading/Excavation	Excavator (1) Grader (2)* Rubber-tired dozer (2)* Tractor/loader/backhoe (3) Highway/dump truck (30) Water truck (1) Dewatering pump (1)	83	60	66	69
Phase 2b – Piled Foundations	Excavator (1) Gradall forklift (1)* Bore/drill rig (1) Concrete truck (2) Pump (1)*	82	59	65	68
Phase 2c – Building Foundation	Excavator (1) * Bore/drill rig (1) Concrete truck (6) Pump (1) *	80	57	63	66
Phase 2d – Paving and Sidewalks	Paver (1) Highway/dump truck (1) Roller (2)* Concrete truck (4)* Pump (1) Grader (1)	77	54	60	63
Phase 2e – Site Electrical and Lighting	Excavator (2)* Aerial lift (2)	80	57	63	66

Phase	Construction Equipment (number of pieces)	Calculated Hourly Average L_{eq} (dBA) at Nearest Commercial Buildings from Operation of Two Loudest Pieces of Construction Equipment at Acoustic Center of Phase II Activities			
		Noise Level at 50 feet	West Commercial (740 feet)	Southwest Commercial (340 feet)	South Commercial (260 feet)
Phase 2f – Site Landscaping	Excavator (4) * Highway/flatbed truck (4) Water truck (1)	80	57	63	66

*Denotes two loudest pieces of construction equipment per phase.

Source: Illingworth & Rodkin, Inc., 2024. *The Park at 410 Airport Boulevard, Noise and Vibration Assessment*. September. Appendix F.

Table 3.13-10. Phase III Construction Noise Levels

Phase	Construction Equipment (Quantity)	Calculated Hourly Average L_{eq} (dBA) at Nearest Commercial Buildings from Operation of Two Loudest Pieces of Construction Equipment at Acoustic Center of Phase III Activities			
		Noise Level at 50 feet	West (1,050 feet)	Southwest (650 feet)	South (250 feet)
Phase 3a – Demolition	Excavator (1) Rubber-tired dozer (1)* Tractor/loader/backhoe (2)* Highway/dump truck (4)	82	56	60	68
Phase 3b – Paving	Excavator (1)* Paver (1) Roller (1) Skid-steer loader (1)* Highway/flatbed truck (4)	80	54	58	66
Phase 3c – Building, Exterior	Crane (1)* Forklift (1) Aerial lift (2) Generator set (1) Tractor/loader/backhoe (2)* Welder (1) Highway/flatbed truck (2)	81	55	59	67
Phase 3d – Building Interior/ Architectural	Air compressor (1)* Aerial lift (2) Generator set (1)*	79	53	57	65

*Denotes two loudest pieces of construction equipment per phase.

Source: Illingworth & Rodkin, Inc., 2024. *The Park at 410 Airport Boulevard, Noise and Vibration Assessment.* September. Appendix F.

The Federal Highway Administration's (FHWA's) Roadway Construction Noise Model (RCNM) was used to calculate the hourly average noise levels anticipated for the worst-case scenario for each construction phase, based on the equipment list provided by the Project Sponsor at the time the study was conducted. RCNM includes representative sound levels for the most common types of construction equipment and the approximate usage factors (i.e., the percentage of time the equipment would be operating at full power) of such equipment that were developed, based on an extensive database of information. The predicted construction noise levels in Tables 3.13-8, 3.13-9 and 3.13-10 indicate that Project construction would not be expected to generate noise levels exceeding 100 dBA L_{eq} at the nearby commercial uses. Therefore, extended exposure to excessive construction noise at the nearest receptors would not be expected to occur. Construction noise impacts would be considered ***less than significant.***

As described above, an assessment of the in-water noise effects of Project construction on fish is included in Section IV, *Biological Resources*. As discussed in that section, there is some potential for special-status and sensitive fish, as well as marine mammals, to be present in the open waters adjacent to the Project site; these species may be affected by in-water noise generated by pile installation and other in-water construction activities. Implementation of Mitigation Measures MM BIO-1, MM BIO-3, and MM BIO-9 would reduce potential noise impacts on fish and marine mammals resulting from in-water work to less-than-significant levels because hydroacoustic monitoring would be conducted during impact pile driving to ascertain compliance with established objectives (e.g., distances to cumulative noise thresholds) and identify corrective actions to be taken should the predicted threshold distances be exceeded. In addition, the proposed seasonal and daily timing restrictions and localized effect of pile driving and other in-water construction activities would limit adverse noise-generated effects on a small proportion of special-status fish species in the Bay. Any fish present in proximity to in-water construction activities would be expected to leave the affected area relatively quickly in response to general construction noise and physical disturbance, thereby limiting their exposure. As concluded in Section IV, *Biological Resources*, impacts related to acoustic effects on fish and marine mammals would be ***less than significant with mitigation***.

Noise from Project Operations

According to the noise and vibration assessment for the Project, a significant permanent noise increase would occur if the Project would substantially increase noise levels at existing sensitive receptors in the Project vicinity. A substantial increase was defined as a 3 dBA CNEL or more increase, according to the noise and vibration assessment for the Project.[224]

The Project would improve access for the public to experience a wide variety of recreational activities including fishing, picnicking, playing lawn games, kitesurfing/windsurfing, kayaking/paddle boarding, jogging, bicycling, birdwatching, and attending educational events. The vast majority of the recreational uses proposed by the Project are considered to be passive uses and are not considered to be substantial generators of noise. Of the proposed uses, events would have the greatest potential for generating community noise. The eastern lawn would provide room for picnicking, lawn games, and a variety of activities and events. Events may include the following:

- Education: school group, community group, speaker series, scientific research
- Recreation: sports competition, group sports lesson, group kayak outing, nature group outing
- Performance: music, theater, movie, art

[224] Illingworth & Rodkin, Inc., 2024. *The Park at 410 Airport Boulevard, Noise and Vibration Assessment*. September. Appendix F.

- Community: farmer's market, food truck hub, craft fair, collectible/antique fair, art/wine festival
- Private: wedding, birthday party, family reunion, faith-based event (e.g., bar mitzvah)
- Corporate/Nonprofit/Government: meeting, conference, banquet

Noise levels from indoor and outdoor events have been documented by Illingworth and Rodkin, Inc., in past projects with up to 300 people in attendance. The event/activity category most similar to proposed events at the education center would be conservatively represented by similar "winetasting/dinner with background music" events measured and observed by Illingworth and Rodkin, Inc. In all cases, indoor activities were not perceivable at the nearest residential property lines and did not affect the measured noise levels in a quiet residential area. Therefore, the focus of the event noise analysis included in the noise and vibration assessment for the Project was outdoor events, such as those listed above (e.g., school events, sports competitions, music events, farmer's markets, parties).

According to the noise and vibration assessment, outdoor events would be expected to generate noise levels of approximately 57 dBA L_{eq} at a distance of 50 feet from the noise source assuming free-field conditions and no shielding. Worst-case noise levels at the nearest commercial building to the south (240 feet), assuming no intervening shielding, were calculated to be approximately 43 dBA L_{eq}. Noise levels produced by outdoor events would therefore be well below ambient daytime traffic noise levels that range from 56 to 69 dBA L_{eq}. Noise produced by small outdoor events would not be expected to be detectable and would not increase CNEL noise levels in the Project vicinity (i.e., an estimated 0 dBA CNEL increase) according to the Project noise analysis.[225] Therefore, impacts related to operational event noise at the Project site would be less than significant.

Regarding traffic noise, the Project would result in some increases in vehicular traffic on roadways serving the site. The Project would result in increased vehicle traffic on roadways serving the site. According to the transportation study prepared for the Project, it is estimated that the Project would generate 94 daily trips on a typical day, including one vehicle trip during the AM peak hour and 23 vehicle trips during the PM peak hour. During the occasional use of the education center, the daily trips could be as high as 352 vehicle trips assuming the regular park activities still occurred during educational center events. Existing average daily traffic volumes (ADT) along Airport Boulevard, east of Anza Boulevard are approximately 6,000 trips per day; therefore, the calculated noise level increase due to the additional Project traffic during worst-case conditions (i.e., during large outdoor events), would not be measurable or detectable (i.e., a 0 dBA CNEL increase). Therefore, operational traffic noise impacts associated with the Project would be less than significant.

Parking activities can also result in noise. Parking for the Project would generally occur at the southern parking lot, which would be accessed from the Airport Boulevard loop west of Sanchez Creek. Noise sources associated with the use of the parking lots would include vehicular circulation, engine noise, door slams, and human voices. According to the noise and vibration assessment for the Project, the maximum noise level of a passing car at 15 mph typically ranges from 45 to 55 dBA L_{max} at a distance of 100 feet. The noise generated during an engine start is similar. Door slams cause slightly lower noise levels. The hourly average noise levels resulting from all of these noise-generating activities in a busy parking lot typically ranges from 40 to 50 dBA L_{eq} at a distance of 100 feet from the parking area.[226] Noise levels generally decrease at a rate of 6 dB per doubling of distance. Noise levels resulting from parking activities would be well below ambient noise levels due to traffic along local roadways and aircraft overflights, and the

[225] Ibid.
[226] Ibid.

proposed parking lot/parking activities would not measurably contribute to ambient noise levels in the area (0 dBA CNEL increase). Noise impacts associated with parking activity would be less than significant.

Overall, the operational noise levels associated with the Project would be well below the existing ambient noise levels at the site (generally resulting from aircraft activity and local vehicle traffic along Airport Boulevard). The Project would therefore not substantially increase the ambient noise environment or exceed the noise and land use compatibility thresholds for commercial land uses. Noise impacts associated with Project operations would be ***less than significant***. No mitigation is required.

b. Generate excessive ground-borne vibration or ground-borne noise levels? (Less than Significant)

Construction of the Project may generate perceptible vibration when heavy equipment or impact tools are used. Vibration levels would vary, depending on soil conditions, construction methods, and equipment used. Table 3.13-11 presents typical vibration levels that could be expected from construction equipment at a distance of 25 feet. Project construction activities such as drilling and the use of jackhammers, rock drills, and other high-power or vibratory tools, along with rolling stock equipment (tracked vehicles, compactors), may generate substantial vibration in the immediate vicinity. Jackhammers typically generate PPV vibration levels of 0.035 in/sec, and drilling typically generates PPV vibration levels of 0.09 in/sec at a distance of 25 feet.

Table 3.13-11. Construction Equipment Vibration Levels

Equipment		PPV at 25 feet (in/sec)	Vibration Levels at Nearest Buildings (PPV, in/sec)			
			Southwest (75 feet)	South (100 feet)	West (215 feet)	West (250 feet)
Pile driver (sonic)	upper range	0.734	—	—	—	0.058[a]
	typical	0.170	—	—	—	0.014[a]
Clam shovel drop		0.202	0.060	0.044	0.019	—
Hydromill (slurry wall)	in soil	0.008	0.002	0.002	—	--
	in rock	0.017	0.005	0.004	—	--
Vibratory roller		0.210	0.063	0.046	0.020	—
Hoe ram		0.089	0.027	0.019	0.008	—
Large bulldozer		0.089	0.027	0.019	0.008	—
Caisson drilling		0.089	0.027	0.019	0.008	—
Loaded trucks		0.076	0.023	0.017	0.007	—
Jackhammer		0.035	0.010	0.008	0.003	—
Small bulldozer		0.003	0.001	0.001	0.000	—

Source: Federal Transit Administration. 2018. *Transit Noise and Vibration Impact Assessment Manual.* FTA Report No. 0123. September. Available: https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/research-innovation/118131/transit-noise-and-vibration-impact-assessment-manual-fta-report-no-0123_0.pdf. Accessed: December 1, 2024 (as modified by Illingworth & Rodkin, Inc., August 2024).

[a] Vibratory pile driving would occur at the kayak launch, no closer than 250 feet from the nearest building.

The City of Burlingame does not specify a construction vibration limit that should apply to vibration produced by construction equipment. Therefore, the vibration analysis uses the vibration limits established by the Caltrans to identify the potential for substantial vibration levels. Caltrans establishes vibration-related damage limits with a PPV of 0.5 in/sec at new residential and modern/commercial structures, 0.3 in/sec at older residential structures, and a conservative limit of 0.25 in/sec at historic and

some old buildings (see Table 3.13-2). The PPV vibration limit of 0.5 in/sec would be applicable at the nearest commercial and office buildings, which are 75 to 215 feet from the Project site.

Using the reference vibration levels at 25 feet, Table 3.13-11 also shows the vibration levels calculated at various distances representing nearby buildings. Note that the Project may require the use of vibratory pile driving equipment to construct cofferdams from sheet piles. Installation of the kayak launch's floating gangway and dock would require permanent piles placed with a vibratory hammer, but at no time would this activity occur within 250 feet of the nearest building.

Vibration levels are highest close to the source and then attenuate with increasing distance at the rate $(D_{ref}/D)^{1.1}$ where D is the distance from the source in feet and D_{ref} is the reference distance of 25 feet. Construction vibration levels due to heavy construction are conservatively calculated to reach a PPV of 0.063 in/sec at the nearest commercial structure to the southwest, 0.046 in/sec at the nearest commercial structure to the south, and 0.020 in/sec at the nearest commercial structure to the west when construction is located along the Project boundaries nearest to each receptor. Vibration levels due to pile driving are conservatively calculated to reach a PPV of 0.058 in/sec at the nearest commercial structure to the south.

As indicated Table 3.13-11, worst-case Project-generated vibration levels would have a PPV of less than the 0.50 in/sec threshold used to avoid "architectural" damage at all commercial structures in the Project vicinity. At these locations and in other surrounding areas where vibration would not be expected to cause damage, vibration levels may still be perceptible. However, as with any type of construction, this would be anticipated and annoyance-related vibration effects would not be considered significant, given the intermittent and short duration of the phases that have the highest potential to produce vibration. In addition, vibration levels at nearby structures would all be below the strongly perceptible criterion for continuous/frequent intermittent sources (i.e., PPV of 0.1 in/sec), as shown in Table 3.13-3. For these reasons, vibration-related damage and annoyance impacts would be ***less than significant***. No mitigation is required.

c. Be located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport and expose people residing or working in the Project area to excessive noise levels? (No Impact)

San Francisco International Airport is a public-use airport located approximately 1.5 miles northwest of the Project site. Based on the results of the noise monitoring survey (see *Setting,* above), aircraft-related noise is distinctly noticeable at the Project site;[227] however, the Project site lies outside the 65 dBA CNEL noise contour shown in the *Comprehensive Airport Land Use Compatibility Plan for the Environs of San Francisco International Airport*[228] and the 65 dBA CNEL noise contour shown in the *San Francisco International Airport 14 CFR Part 150 Study.*[229] Aircraft noise levels less than 70 dBA CNEL would be considered compatible at exterior use areas and within buildings proposed by the Project. There would be ***no impact*** related to aircraft noise. No mitigation is required.

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[227] Illingworth & Rodkin, Inc., 2024. *The Park at 410 Airport Boulevard, Noise and Vibration Assessment.* September. Appendix F.

[228] City/County Association of Governments. 2012. *Comprehensive Airport Land Use Compatibility Plan for the Environs of San Francisco International Airport*. November. Available: https://ccag.ca.gov/wp-content/uploads/2014/10/Consolidated_CCAG_ALUCP_November-20121.pdf. Accessed: December 1, 2024.

[229] ESA. 2018. *San Francisco International Airport 14 Code of Federal Regulations Part 150 Study Update Noise Compatibility Program*. July. Available: https://www.flysfo.com/sites/default/files/pdf/05%20SFO%20P150%20NCP%20Ch3%20ada.pdf. Accessed: December 1, 2024.

XIV. Population and Housing

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
Would the Project:				
a. Induce substantial unplanned population growth in an area, either directly (e.g., by proposing new homes and businesses) or indirectly (e.g., through the extension of roads or other infrastructure)?	☐	☐	☒	☐
b. Displace a substantial number of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒

Setting

For the following population and housing discussion, the Association of Bay Area Governments and Metropolitan Transportation Commission's *Plan Bay Area Projections 2040* report from 2018 is relied on for the most recent data regarding city-level population projections. Although regional, county, and sub-county growth patterns and projections for households and jobs are available from Plan Bay Area 2050, city-level growth projections are not yet available. Therefore, to be consistent with the transportation models and projections used in the City's General Plan, the 2040 projections from *Plan Bay Area Projections 2040* are used for this analysis.

The Project site is vacant and undeveloped, other than a Federal Aviation Administration (FAA) tower, an unimproved portion of the San Francisco Bay Trail (Bay Trail) along the bay side of the site, and two unused parking areas. No individuals currently reside at the Project site.

Population. The U.S. Census Bureau estimates that the city had a population of 30,526 in 2023.[230] Table 3.14-1 shows population projections for the city, county and Bay Area as a whole in 2025 and 2030. As shown, the city population will increase by approximately 755 (2.4 percent) by 2030. Projections also indicate that population growth in Burlingame will be less than population growth in the county (4.5 percent) and in the Bay Area region (4.9 percent) between 2025 and 2030.[231]

Table 3.14-1. Population Projections (2025 to 2030)

	2025	2030	Growth (2025–2030)
City of Burlingame	31,050	31,805	755 (2.4%)
San Mateo County	816,460	853,260	36,800 (4.5%)
San Francisco Bay Area	8,284,200	8,689,440	405,240 (4.9%)

Source: Association of Bay Area Governments and Metropolitan Transportation Commission. 2018. *Plan Bay Area Projections 2040.*

[230] U.S. Census Bureau. 2019–2023. *ACS Demographic and Housing Estimates, Burlingame, California.* American Community Survey 5-year Estimates. ID DP05. Accessible: https://data.census.gov/table/ACSDP5Y2023.DP05?t=Populations%20and%20People&g=160XX00US0609066. Accessed January 28, 2025.

[231] Association of Bay Area Governments and Metropolitan Transportation Commission. 2018. *Plan Bay Area Projections 2040*. November.

Housing. In 2023, the estimated number of housing units in the city was 13,675, with an average size of 2.23 persons per household.[232] That same year, the city had a housing vacancy rate of approximately 9.7 percent (1,328 units).[233] An estimated 16,942 Burlingame residents are in the labor force, resulting in approximately 1.24 workers per household.[234]

Table 3.14-2 presents projections for households in the city, county, and Bay Area for 2025 and 2030. The number of households in the city is projected to grow from approximately 30,595 units in 2025 to 31,325 units in 2030, an increase of approximately 2.4 percent. The number of households in the county is projected to grow by approximately 4.2 percent, while the Bay Area is expected to grow by approximately 4.4 percent in 5 years.[235]

Table 3.14-2. Household Projections (2025 to 2030)

	2025	2030	Growth (2025–2030)
City of Burlingame	30,595	31,325	730 (2.4%)
San Mateo County	290,330	302,520	12,190 (4.2%)
San Francisco Bay Area	3,009,055	3,142,015	132,960 (4.4%)

Source: Association of Bay Area Governments and Metropolitan Transportation Commission. 2018. *Plan Bay Area Projections 2040.*

Employment. Table 3.14-3 presents projections for the number of jobs in the city, county, and Bay Area for 2025 and 2030. The number of jobs in the city is projected to increase by approximately 1.3 percent because of employment increases in the retail, construction, and financial sectors; decreases are projected in the transportation, professional services, information, health, education, leisure, and government sectors. Overall, job growth in the city (1.3 percent) is expected to be slightly lower than job growth in the county (1.9 percent) and the Bay Area (3.2 percent). In Burlingame, the industries with the highest employment levels are educational and health care services, professional and scientific services, retail trade, arts, entertainment, recreation, accommodation/food services, and manufacturing, representing more than half of the jobs in the city.[236]

[232] U.S. Census Bureau. 2019–2023. *ACS Demographic and Housing Estimates, Burlingame, California.* American Community Survey 5-year Estimates. ID DP05. Accessible: https://data.census.gov/table/ACSDP5Y2023.DP05?t=Populations%20and%20People&g=160XX00US0609066. Accessed January 28, 2025.

[233] U.S. Census Bureau. 2019–2023. *Selected Housing Characteristics, Burlingame, California.* American Community Survey 5-year Estimates. ID DP04. Accessible: https://data.census.gov/table?q=DP04&g=160XX00US0609066. Accessed January 28, 2025.

[234] U.S. Census Bureau. 2019–2023. *Selected Economic Characteristics, Burlingame, California.* American Community Survey 5-year Estimates. ID DP03. Accessible: https://data.census.gov/table?q=DP03&g= 160XX00US0609066. Accessed January 28, 2025.

[235] Association of Bay Area Governments and Metropolitan Transportation Commission. 2018. *Plan Bay Area Projections 2040*. November.

[236] Ibid.

Table 3.14-3. Job Projections (2025 to 2030)

	2025	2030	Growth (2025–2030)
City of Burlingame	32,465	32,900	435 (1.3%)
San Mateo County	415,430	423,160	7,730 (1.9%)
San Francisco Bay Area	4,267,760	4,405,125	490,000 (3.2%)

Source: Association of Bay Area Governments and Metropolitan Transportation Commission. 2018. *Plan Bay Area Projections 2040.*

Discussion

a. Induce substantial unplanned population growth in an area, either directly (e.g., by proposing new homes and businesses) or indirectly (e.g., through extension of roads or other infrastructure)? (Less than Significant)

Construction. Construction of the Project would increase construction employment directly; however, this would be temporary, occurring only during the 36-month construction period. The size of the construction workforce would vary, depending on the subphase of construction. The average number of construction workers per day would be approximately 25 and the maximum number of workers during peak day would be approximately 50. Given the relatively common nature of the anticipated construction, the demand for construction employment would most likely be met with the existing and future labor market in the city as well as San Mateo County. A substantial number of workers from outside the city or county would not be expected to relocate, given the temporary nature of construction activities. Therefore, Project impacts associated with inducing substantial population growth during construction would be ***less than significant***.

Operation. Operation of the Project would not result in a direct population increase because no on-site residential units or commercial buildings are proposed. However, due to the public nature of the Project, including the recreation park and the education center/event building, new employment opportunities would be created. The Project could directly induce negligible population growth. It is estimated that the Project would require approximately two employees during operation. Because no existing buildings would be demolished, the Project would result in a net increase in the number of employees at the Project site during operation with the two additional employees. This would represent a nominal level of job growth in the city and was accounted for in the job growth projections in 2025 and 2030, as shown in Table 3.14-3, above. Similarly, the two employees induced by the Project would not create a significant demand for the construction of new housing and would be accommodated in the existing or planned housing units in the region.

For days when programmed activities would take place at the education center/event building, there would be a temporary increase in the number of workers. The additional workers would be needed to facilitate parking for events taking place on the Project site, as discussed in Section XVII, *Transportation*. Specifically, temporary workers may be required for shuttles or valet services, along with other event operations. Most workers for these events would be from the existing workforce and either living in the city or the surrounding region. They would not induce substantial employment growth beyond the job projections listed in Table 3.14-3.

The Project is an infill development within an already-developed area of the city. The Project site is well served by urban infrastructure, services, and transit. As described in Section XIX, *Utilities and Service Systems*, the utilities that currently serve the Project site are adequate under existing conditions and

would be able to continue serving the site during Project operations. Few new utility lines would be required to connect the Project to the existing utility infrastructure. Furthermore, no infrastructure is proposed as part of the Project that would serve off-site areas. Therefore, the utility connections that would be required for the Project would not contribute to unplanned indirect population growth in off-site areas. The Project would not induce a substantial level of unplanned population growth in the city, either directly or indirectly. The impact would be ***less than significant***.

Project operations would not induce substantial unplanned population growth, either directly or indirectly; therefore, the impact would be ***less than significant.***

b. Displace a substantial number of existing people or housing, necessitating the construction of replacement housing elsewhere? (No Impact)

There are no existing housing units or employment uses on the Project site, and the Project does not include demolition of any structures. The vacant Project site would be transformed to provide the community with a publicly accessible recreation park along the waterfront, including recreational areas, an approximately 8,600 sf education center/event building, fire rescue equipment building, and associated parking lot. Therefore, because the Project site is currently unoccupied, the Project would not displace people or housing and would not necessitate the construction of replacement housing elsewhere. The Project would result in ***no impact***.

XV. Public Services

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
Would the Project:				
a. Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities or a need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for any of the following public services:				
Fire protection?	☐	☐	☒	☐
Police protection?	☐	☐	☒	☐
Schools?	☐	☐	☒	☐
Parks?	☐	☐	☒	☐
Other public facilities?	☐	☐	☒	☐

Setting

Fire Protection

The Central County Fire Department (CCFD) provides fire protection services within Burlingame, Millbrae, and Hillsborough. In total, the CCFD service area covers 15.51 square miles, with a residential population of approximately 66,045.[237] The CCFD has 90 full-time employees, including 80 uniformed personnel. There are seven fire stations in the CCFD's jurisdiction, three of which are in Burlingame. The closest CCFD station to the Project site is Fire Station No. 34 at 799 California Drive in Burlingame, approximately 0.9 mile southwest of the Project site.[238] The CCFD's goal is to keep response times within 6 minutes and 15 seconds 90 percent of the time for emergency medical services (EMS) incidents, and within 6 minutes and 35 seconds 90 percent of the time for fire incidents. Overall, the total response time for priority incidents was within 9 minutes and 0 seconds 90 percent of the time.[239]

Police Protection

The Burlingame Police Department (BPD) provides emergency police services within a 5-square-mile area with approximately 30,000 residents. The BPD has one police station, at 1111 Trousdale Drive, and employs 69 men and women, including 40 full-time sworn officers, resulting in a ratio of 1.33 officers per 1,000 residents.[240] The 2040 General Plan Community Safety Element does not designate a standard ratio

[237] Central County Fire Department. 2023. *Fiscal Year 2023–2024 Adopted Budget*. Available: https://ccfd.org/wp-content/uploads/2023/04/CCFD-Adopted-Budget-FY-23-34-WEB-VERSION.pdf. Accessed: January June 6, 2024.

[238] Central County Fire Department. 2021. *Our Fire Stations*. Available: https://ccfd.org/about-ccfd/fire-stations/. Accessed: June 3, 2024.

[239] Central County Fire Department. 2023. *Community Risk Assessment*. Available: https://ccfd.org/wp-content/uploads/2023/07/Central-County-FD-CRA-SOC-Study-FINAL-2023-0327-optimized.pdf. Accessed: June 10, 2024.

[240] City of Burlingame Police Department. 2024. *Divisions*. Available: https://www.burlingame.org/517/Divisions. Accessed: June 10, 2024. Note: (40 officers/(30,000 residents/1,000 residents) = 1.33 officers per 1,000 residents.

for police officers to residents or a standard emergency response time. However, the General Plan does require continued maintenance of optimal police staffing levels to meet community safety needs. As of 2020, the department's emergency response time is 4 minutes and 37 seconds.[241]

Schools

The Burlingame School District (BSD) is responsible for six elementary schools and one intermediate school.[242] Total student enrollment was 3,312 in the 2023–2024 school year.[243] In addition, Burlingame High School, part of the San Mateo Union High School District (SMUHSD), is located in Burlingame.[244] In total, the SMUHSD serves approximately 9,000 students.[245]

The Project site is within the service area for Washington Elementary School. It is also within the service area for Burlingame Intermediate School and Burlingame High School.[246] Burlingame High School is approximately 0.85 mile southwest of the Project site, Burlingame Intermediate School is approximately 4.4 mile west of the Project site, and Washington Elementary School is approxiamtely 1 mile south of the Project site. Table 3.15-1 provides enrollment information for the three schools from the 2023–2024 school year, the most recent data available.

Table 3.15-1. Public Schools Serving the Project Area

School	2023–2024 School Year Enrollment
Washington Elementary School	399
Burlingame Intermediate School	1,059
Burlingame High School	1,540

Source: California Department of Education, 2024.[247]

Parks

Please see Section XVI, *Recreation*, for a discussion about parks and recreational facilities in Burlingame.

Other Public Facilities

The Burlingame Main Public Library, at 480 Primrose Road, is the closest public library, located 2.5 miles southwest of the Project site. The library is part of the Peninsula Library System, which serves the eastern portions of San Mateo County, from South San Francisco to Menlo Park. The Burlingame Public Library serves Burlingame and Hillsborough residents as well as any resident within the library system.

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241 Boll, Robert. Captain, Burlingame Police Department. May 21, 2020—voicemail left for Caroline Vurlumis, ICF, San Francisco, CA.

242 California Department of Education. 2024. *Burlingame Elementary*. Available: https://www.cde.ca.gov/schooldirectory/details?cdscode=41688820000000. Accessed: June 10, 2024.

243 Burlingame School District. 2024. *At a Glance*. Available: https://www.burlingameschools.org/. Accessed: June 6, 2024.

244 Burlingame High School. 2024. *Burlingame High School, Mission, Vision, and Values*. Available: https://www.smuhsd.org/domain/826. Accessed: June 10, 2024.

245 San Mateo Union High School District. 2024. *Welcome to the San Mateo Union High School District!* Available: https://www.smuhsd.org/domain/46. Accessed: June 10, 2024.

246 California Department of Education. 2024. *Burlingame Elementary*. Available: https://www.cde.ca.gov/schooldirectory/details?cdscode=41688820000000. Accessed: June 10, 2024.

247 California Department of Education. 2024. *Data Quest Search Engine*. Available: https://dq.cde.ca.gov/dataquest/. Accessed: June 10, 2024.

Discussion

a. Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities or a need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for any of the following public services:

Fire Protection? (Less than Significant)

The Project would construct a public nature and recreation park on the vacant Project site. There would be approximately two new employees at the Project site for operation of the public nature and recreation park. Although the Project would not add new residents to the site, there would be an increase in the service population because of visitors to the park. However, the Project would be required to comply with all applicable CCFD codes and regulations and meet CCFD standards related to fire hydrants (e.g., fire-flow requirements, hydrant spacing), the design of driveway turnaround areas, and access points, among other standards. In addition, the Project would incorporate a small building (approximately 20 feet by 30 feet) to store jet skis, personal protective equipment, and rescue equipment required by the CCFD in order to help meet the demand from Project-generated visitors. Furthermore, the Project would be approximately 0.9 mile southwest of Fire Station No. 34. Because of the distance of the Project from the fire station, it is not expected that Project operations would substantially affect response times.

Under CEQA, the need for additional equipment and/or personnel to support fire services is not considered a significant impact, unless new facilities are needed, the construction of which could result in physical impacts. The increase in the number of employees and residents at the Project site would be considered minimal compared with the increase in population in the rest of the city. Therefore, the Project would not increase the need for fire services, staffing, and/or equipment to the extent that new fire facilities would need to be constructed, resulting in a ***less-than-significant*** impact.

Police Protection? (Less than Significant)

The Project site is currently served by the BPD. Although the Project would not add new residents to the site, there would be an increase in the service population because of visitors to the park. However, the Project's addition of two employees and visitors at the Project site compared with existing conditions would not affect the service ratio of sworn officers to residents, which is currently 1.33 sworn officers to 1,000 residents.

Under CEQA, the need for additional equipment and/or personnel to support police services is not considered a significant impact, unless new facilities are needed, the construction of which could result in physical impacts. The increase in the number of employees and residents at the Project site would be considered minor compared with the increase in population in the rest of the city. Therefore, the Project would not increase the need for police services or staffing to the extent that new police facilities would need to be constructed, resulting in a ***less-than-significant*** impact.

Schools? (Less than Significant)

The Project would construct a public nature and recreation park on the vacant Project site, restore the tidal marsh ecology of the Bay shoreline, add an education center/event building, and provide an accessory storage building. No residential land uses are proposed for the Project site; therefore, there

would be no direct increase in population. It is conservatively assumed that the addition of two employees to operate the public nature and recreation park would generate, at most, two new households, one for each employee if they decide to relocate and if they are not already residing in the city. Using the most conservative student generation rate, the Project could result in less than one new student, which would have a nominal impact on the school district.[248] In addition, the Project is subject to Senate Bill 50 school impact fees, as established by the Leroy F. Greene School Facilities Act of 1998. These fees support facility maintenance to offset potential impacts from additional use. Section 65996 of the State Government Code notes that payment of the school impact fees established by Senate Bill 50, which may be required by any state or local agency, is deemed to constitute full and complete mitigation for school impacts from development. Therefore, the impacts would be ***less than significant***.

Parks and Other Public Facilities? (Less than Significant)

The closest public parks to the Project site are Robert E. Woolley State Park and Bayside Park, which are 0.27 mile northwest and 1.2 miles west of the Project site. As explained in more detail in Section XVI, *Recreation*, a significant increase in the use of public parks, recreational facilities, or other public facilities is not anticipated after Project buildout. The Project would build a nature and recreational park that would provide new recreational space and enhance existing facilities for the city. Furthermore, substantial adverse physical impacts that would result from the provision of new or physically altered park facilities after Project buildout would not occur.

The Project would not result in a burden on library facilities. The Burlingame Main Public Library is the closest library to the Project site. The library system is expected to be able to accommodate Project employees without the need for physical expansion of its facilities. Because the Project would not trigger the need for new library or park facilities, the impacts would be ***less than significant***.

[248] The student generation rate for the Burlingame School District for transitional kindergarten through sixth grade is 0.2067 student per household (2 households x 0.2067 student per household) = 0.41 student.

XVI. Recreation

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
Would the Project:				
a. Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facilities would occur or be accelerated?	☐	☐	☒	☐
b. Include recreational facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment?	☐	☐	☒	☐

Setting

The City of Burlingame Parks and Recreation Department manages 26 recreational facilities citywide, including playgrounds, picnic areas, gardens, athletic facilities, walking trails, and more.[249] The two parks closest to the Project site are Robert E. Woolley State Park and Bayside Park, which are 0.27 mile northwest and 1.2 miles west of the Project site. Several additional parks are south of Burlingame Lagoon, such as Trenton Park and Victoria Park. Robert E. Wooley State Park and Bayside Park are accessible via the Bay Trail system. The Bay Trail, on the perimeter of San Francisco and San Pablo Bays, is a series of existing and planned regional hiking and bicycle trails that will eventually connect. The Bay Trail, which is administered by the Metropolitan Transportation Commission (MTC) and Association of Bay Area Governments (ABAG), is currently more than 350 miles long, providing easily accessible recreational opportunities for hikers, joggers, bicyclists, and skaters. It also offers a setting for wildlife viewing and environmental education.[250] When complete, the Bay Trail will connect all nine Bay Area counties, along with 47 cities and communities, to parks, open spaces, schools, transit, and alternative commute corridors.[251] The segment of the Bay Trail closest to the Project site includes a paved path, with proposed segments that would connect to the paved path.

The Burlingame General Plan and Chapter 25.33 of the Burlingame Municipal Code do not specifically provide open space requirements for AA-zoned areas. However, the Burlingame General Plan does acknowledge the importance of providing high-quality streetscapes and open spaces to expand and improve the Bayfront area.

[249] City of Burlingame. 2025. *Facilities.* Available: https://ca-burlingame.civicplus.com/Facilities?%20clear=False. Accessed: December 3, 2025.

[250] Metropolitan Transportation Commission. 2025. *About the Bay Trail*. Available: https://mtc.ca.gov/operations/regional-trails-parks/san-francisco-bay-trail/about-bay-trail. Accessed: December 3, 2025.

[251] Ibid.

Discussion

a. Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facilities would occur or be accelerated? (Less than Significant)

As described in Section XIV, *Population and Housing*, the Project is expected to generate two new employees as well as visitors. It is expected that some of these on-site employees may use park and recreational facilities. However, the Project would construct a public nature and recreation park on the vacant Project site, restore the tidal marsh ecology of the Bay shoreline, add an education center/event building, and provide an accessory storage building. The proposed education center/event building would host programs and other events associated with educational, recreational, performance, community, private, and corporate/nonprofit/government activities. The galleries would be open to the public 7 days a week from approximately 9:00 a.m. to 5:00 p.m. In addition, a take-out café and restrooms would be incorporated along the east and west sides of the building, respectively. The café would be open 7 days a week from approximately 8:00 a.m. to 3:00 p.m., with possible extended summer hours of 7:00 a.m. to 3:00 p.m. These events may temporarily limit public access to portions of the education center/event building. The Project would also include access to the Bay and the Bay Area Water Trail along the northwest and east sides of the Project site. The northwest side of the site would provide access to the Bay, with use of a ramp, for kitesurfing and windsurfing and a lawn lay-down area for setting up equipment. The east side of the site would provide direct access to Sanchez Creek for kayaking and paddleboarding from a kayak launch and water rescue ramp that would be used by the CCFD. The Project would also improve and reroute the segment of the Bay Trail that is currently on the site by connecting to the existing Bay Trail. The new Bay Trail segment would provide pedestrian access to sidewalk frontages along adjacent roadways as well as a bus stop at Airport Boulevard and Bay View Place. Furthermore, this eastern ramp would also improve access to the Bay for fishing. The Project would provide 29 on-site parking spaces, which would limit the number of visitors because street parking is currently not available along Airport Boulevard and Bay View Place.

With the on-site open spaces and nearby Robert E. Woolley State Park and Bayside Park, as well as limited gallery hours and adequate parking capacity, the potential for park facility deterioration resulting from an increased population at the Project site would be reduced. Therefore, impacts would be ***less than significant***.

b. Include recreational facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment? (Less than Significant)

As mentioned above, the Project would construct a public nature and recreation park. Construction of the new park has been accounted for in the Project analysis and evaluated, as appropriate, in each environmental resource topic. The Project would not trigger the need for construction or expansion of parks or other recreational facilities because new recreational space would be provided. Construction of this new public recreational space, as part of the Project, would not have an adverse physical effect on the environment. Therefore, the impact would be ***less than significant***.

XVII. Transportation

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
Would the Project:				
a. Conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?	☐	☐	☒	☐
b. Conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b)?	☐	☐	☒	☐
c. Substantially increase hazards because of a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☐	☒	☐
d. Result in inadequate emergency access?	☐	☐	☒	☐

Setting

Hexagon Transportation Consultants, Inc., prepared a transportation study for the Project in March 2024 (Appendix G, *Transportation Study*).[252] The study describes trip generation for the Project. In addition, the study provides information on the regional and local roadway networks, pedestrian and transit conditions, and transportation facilities associated with the Project.

Vehicular Access, Circulation and Parking

Regional access to the Project site is provided by US 101 via Broadway, Anza Boulevard, and Peninsula Avenue. Commute.org operates a shuttle service from the Millbrae Bay Area Rapid Transit (BART)/Caltrain station to the Bayfront area; a shuttle stop is directly across from the Project site. No parking is currently allowed on the Project site. There are two existing unused parking lots: a gravel parking lot on the western edge of the Project site adjacent to Kincaid's restaurant parking lot and an abandoned paved lot with hardscape features that were part of the former Sherman Restaurant on the eastern edge of the Project site, which is currently gated and has no public access.

Pedestrian Access and Circulation

Pedestrian facilities in the immediate vicinity of the Project site include continuous sidewalks on both sides of Airport Boulevard and Bay View Place. There are marked crosswalks across Airport Boulevard on the west leg of the intersection of Bay View Place and Airport Boulevard and a midblock crosswalk across Airport Boulevard to the right of the channel. Along the northern boundary of the Project site, there is an unimproved portion of the Bay Trail.

[252] Hexagon Transportation Consultants, Inc. 2024. *Transportation Study for the Proposed Bay Rise Park in Burlingame, California*. March 6.

Bicycle Access and Circulation

The existing and proposed bike facilities are shown in Figure 5 of the transportation study (Appendix G). There are no existing bike lanes or facilities on the Project site itself; however, there are existing bike paths nearby. Existing bike facilities include Class I bike paths parallel to Anza Boulevard, Bayside Crossing, and the waterfront. Class II bike paths are located on Airport Boulevard, and a Class III bike route is on Airport Boulevard at the Burlingame Dog Exercise Park.

Transit Services

Transit service in the vicinity of the Project site is provided by Commute.org's Burlingame Point Shuttle (BPT). The BPT shuttle provides service between the Millbrae BART/Caltrain station and Meta Reality Labs at Burlingame Point, with stops along Airport Boulevard. Service is available Monday through Friday during the AM and PM commute hours and free to the public. Access to and from the bus stop from the Project site is provided from sidewalks on Airport Boulevard and Bay View Place.

Discussion

a. Conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities? (Less than Significant)

Construction

Heavy equipment would be transported on and off the Project site during demolition and construction. The transport of heavy equipment could cause slight traffic delays in the vicinity of the Project site during the approximately 41-month construction period; however, the delays would be temporary. The impact regarding conflicts with applicable plans during construction would be ***less than significant***.

Operation

Based on trip generation rates recommended by the Institute of Transportation Engineers, it is estimated that, on a typical day, the Project would generate a total of 94 daily trips; with one vehicle trip (one inbound, none outbound) during the AM peak hour and 23 vehicle trips (13 inbound, 10 outbound) during the PM peak hour.[253] On occasions when the education center/event building is in use, an estimated total of 352 vehicle trips would be generated, with 19 vehicle trips (13 inbound, six outbound) during the AM peak hour and 55 vehicle trips (31 inbound, 24 outbound) during the PM peak hour.[254] The Institute of Transportation Engineers generation rates for "public park" and "recreational community center" were used for the analysis.

According to the City/County Association of Governments (C/CAG) of San Mateo County Congestion Management Program, projects that are estimated to generate 100 or more average daily trips are required to prepare a Transportation Demand Management (TDM) Plan. The Project would generate 19 vehicle trips during the AM peak hour and 55 vehicle trips during the PM peak hour when the education center/event building is in use. Therefore, the Project would generate fewer than 100 trips on a typical day and would not be required to prepare a TDM Plan. The City's Municipal Code, Chapter 25.43.010, requires implementation of TDM measures for nonresidential development projects of 10,000 square feet

[253] A typical day refers to days when the education center/event building is not in use.

[254] This vehicle trip estimate assumes that regular park activities would still occur during occasional use of the education center/event building, which would generate an estimated 258 daily trips, along with regular daily park trips (i.e., 94 trips), for a total of 352 vehicle trips on a day when the education center/event building is in use.

or more. Because the Project would construct an 8,600-square-foot education center/event building, compliance with Municipal Code Chapter 25.43 would not be required. Therefore, the Project would not result in conflicts with the Congestion Management Plan (CMP) and Municipal Code, and ***less-than-significant*** impacts associated with conflicts with the CMP and the Municipal Code would occur.

The 2040 General Plan has a goal to improve transit access, frequency, connectivity, and amenities to increase transit ridership and convenience.[255] Transit service in the vicinity of the Project site is provided by BPT. The BPT shuttle provides service between the Millbrae BART/Caltrain station and Meta Reality Labs at Burlingame Point, with stops along Airport Boulevard. Service is available Monday through Friday during the AM and PM commute hours and free to the public. The Project would promote continued use of public transit facilities/services. Access to and from the bus stop from the Project site would be provided from sidewalks on Airport Boulevard and Bay View Place. It is assumed that the bus and transit services at the Millbrae BART/Caltrain station would have adequate capacity and be able to accommodate the Project's potential minor increase in ridership. The Project would not interfere with any existing bus route and would not remove or relocate any existing bus stops. Therefore, the Project's impacts on the nearby transit network would be ***less than significant,*** and the Project would be consistent with goals identified by the City.

The 2040 General Plan has a goal to develop a network of high-quality, convenient, safe, and easy-to-use bicycle facilities to increase the number of people who use bicycles for everyday transportation.[256] Currently, there are no bicycle access or bicycle facilities on the Project site; however, on the southern Project boundary, there are existing Class II bike lanes on Airport Boulevard. Other existing bike facilities in the vicinity of the Project site include Class I bike paths parallel to Anza Boulevard, Bayside Crossing, and the waterfront. There is also a Class III bike route on Airport Boulevard at the Burlingame Dog Exercise Park. In addition, the City has plans to include a Class I bike path on the northern boundary of the Project site adjacent to the Bay, Class II buffered bike lanes on Old Bayshore Highway, a Class III bike route through Bayside Park, and a Class IV separated bikeway along Airport Boulevard.

In accordance with the City's Municipal Code, Section 25.40.050(A), bicycle parking shall be provided in accordance with the requirements of the California Green Building Standards Code (CALGreen). If a new project is anticipated to generate visitor traffic, CALGreen states that the project must provide permanently anchored bicycle racks within 200 feet of the entrance for 5 percent of parking spaces, with a minimum of one rack with two-bike capacity. The Project would provide short-term bicycle parking spaces on-site. The short-term bicycle racks would be located at the lower-left corner of the education center/event building, and each could accommodate four bikes. All bicycle parking spaces would be accessible from the Project driveway and nearby trails. Although the Project could add additional bicycle trips, bicyclists would be able to use the existing or planned bicycle facilities. The Project would not generate activities that would interfere with access or circulation for people biking. Therefore, the Project's impact on bicycle facilities would be ***less than significant,*** and the Project would be consistent with goals identified by the City.

The 2040 General Plan has a goal to ensure that the city's streets are comfortable, safe, and attractive for people of all ages and abilities.[257] Pedestrian access and facilities in the Project vicinity consist of sidewalks, crosswalks, and signals at signalized intersections. The Project would provide a network of

[255] City of Burlingame. 2019. *Envision Burlingame General Plan—Mobility Element*. Available: https://www.burlingame.org/DocumentCenter/View/663/Chapter-6---Mobility-Circulation-PDF. Accessed: December 3, 2025.

[256] Ibid.

[257] Ibid.

trails on the east side of the site that would provide access to the water rescue/kayak access ramp and the boardwalk along the eastern portion of the site. In addition, the Project would improve and reroute the segment of the Bay Trail that is currently on the site. The new segment would extend from the southeastern corner of the site to the northwestern corner where it would connect to the existing Bay Trail. The new Bay Trail segment would provide pedestrian access to the proposed kitesurfing area, parking lot, overlook grove, and education center/event building. Furthermore, sidewalk improvements would take place on both sides of Airport Boulevard and Bay View Place. A new midblock crosswalk is proposed to connect the existing Bay Trail to the existing pedestrian facilities within and surrounding the Project site. Overall, the Project would improve pedestrian facilities on the Project site. Therefore, the Project's impacts on pedestrian facilities would be ***less than significant,*** and the Project would be consistent with goals identified by the City.

b. Conflict or be inconsistent with CEQA Guidelines Section 15064.3, Subdivision (b)? (Less than Significant)

The City of Burlingame has not yet adopted any analysis methodology or significance thresholds related to VMT. Thus, the VMT thresholds used for the Project are based on the Governor's Office of Planning and Research (OPR) recommendations and San Mateo County VMT policy guidelines. San Mateo County VMT policy guidelines specify procedures for determining a project's impacts on VMT, based on the project description, characteristics, and location. The VMT methodology also includes screening criteria that are used to identify types, characteristics, and locations of projects that would not exceed the VMT thresholds of significance. If a project or a component of a mixed-use project meets the screening criteria, it is then presumed that the project or the component would result in a less-than-significant VMT impact. Land use projects that meet at least one of the following screening criteria are presumed to have a less-than-significant impact on VMT:

- Located in a transit priority area (TPA) (within 0.5 mile of a high-quality transit stop/rail station)
- Affordable housing
- Small projects generating 110 or fewer daily trips
- Existing low-VMT area
- Local serving retail (less than 50,000 square feet)

The Project would transform an undeveloped parcel into a publicly accessible recreational park and education center/event building that would serve the existing Burlingame community (i.e., local-serving facility). It would be a small project that would generate fewer than 110 daily vehicle trips. Therefore, the Project would have a ***less-than-significant*** VMT impact.

c. Substantially increase hazards because of a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)? (Less than Significant)

The transportation study evaluated the Project's site access, parking, and circulation, which includes a review of the driveway design. As discussed in the transportation study, the Project would provide a new circular driveway for vehicular access on Airport Boulevard. The new driveway would lead to a proposed parking lot that would accommodate up to 30 diagonal parking spaces; two of the parking spaces would be reserved for bus parking. The circular driveway at the entrance would also serve as a loading and unloading area for park visitors. The Project would also stripe a left-turn pocket on Airport Boulevard to facilitate left turns into the park. The transportation study found that both the Project driveways and the parking aisle would have adequate widths and meet Municipal Code requirements. Furthermore, due to

the relatively low number of Project-generated trips at the driveways, operational issues related to vehicle queuing and/or vehicle delay are not expected to occur as a result of the Project.

The Project's proposed parking spaces would be required to comply with Municipal Code Section 25.40.070(C)(2), which provides minimum driveway width requirements for parking areas with one to 30 vehicle spaces to be a minimum of 12 feet; parking stalls between 30 and 60 degrees should have an aisle width of 13 feet for one-way traffic. The Project driveways on Airport Boulevard and Bay View Place would be 24 and 20 feet wide, respectively, and the parking aisle would have a width of 14 feet and therefore would be compliant with the Municipal Coder requirements.

Sight distance for vehicles entering and exiting the Project driveways was also evaluated in the transportation study. Sight distance recommendations vary, depending on the roadway speeds. The posted speed limit on Airport Boulevard is 35 mph. There is no posted speed limit on Bay View Place. The transportation study uses Caltrans' recommended stopping sight distance for the Project driveways, which is 250 feet (based on a design speed of 35 mph). The Project driveways have sight distances of more than 300 feet in both directions, and therefore meet the Caltrans requirement.

The Project would include access to the Bay and the Bay Area Water Trail along the northwest and east sides of the Project site. The northwest side of the site would provide access to the Bay, with a ramp for kitesurfing and windsurfing and a lawn lay-down area for setting up equipment. The east side of the site would provide direct access to Sanchez Creek for kayaking and paddleboarding through a kayak launch and water rescue ramp that would be used by the Central County Fire Department. These ramps would introduce a new land use and design feature to the Project site that would be different from the existing surrounding land uses in the immediate vicinity. However, this new use would not present a substantial incompatibility with surrounding land uses and would not be expected to create a design hazard to other similar recreational uses and water vessels in the area. The Coyote Point Marina and Boat Ramp, which is the closest marina and boat launch to the Project site, is approximately 1.2 miles to the southeast. In addition, the Windsurfing and Kayak Launch at Seal Point is approximately 2.6 miles southeast of the Project site. The Oyster Point Marina and Windsurfing Launch Ramp is approximately 5.2 miles northwest of the Project site. Although small watercraft from these marinas could be present in the Bay by the Project site, it is not anticipated that the addition of the proposed ramps would result in hazards to other vessels. In addition, there are no existing industrial ports for larger vessels (e.g., shipping containers or tugboats) in the vicinity of the Project site. Therefore, the Project would not result in conflicts between the various types of watercraft (kayaks, kitesurfs, etc.) entering the Bay at the Project site and existing maritime traffic.

As described in Section XI, *Land Use and Planning*, the Project would be subject to the McAteer-Petris Act, thereby requiring a permit from BCDC. The permit would be reviewed and approved by BCDC to ensure that the Project, as well as all Project-related activities within the shoreline band, would be consistent with the requirements of the San Francisco Bay Plan and McAteer-Petris Act. The Project Sponsor would be required to secure a BCDC permit prior to issuance of the Project's building permit. The permit would ensure that no conflicts would occur in the navigable slough between existing and proposed watercraft uses. Therefore, based on the evaluation of the Project's design features above, the Project would not include hazardous designs or incompatible uses, and the impact would be ***less than significant***.

d. Result in inadequate emergency access? (Less than Significant)

Access to the Project site would be provided through use of a driveway on Airport Boulevard. A new left-turn pocket would be striped on Airport Boulevard to facilitate left turns into the park. The entrance on Airport Boulevard would lead to a one-way circular driveway that would serve as a loading and unloading

area for park visitors, delivery trucks, garbage trucks, and emergency vehicles. The circular drive would then continue to the southern portion of the Project site and exit onto Bay View Place. The one-way drive would have diagonal parking spaces, two of which would be reserved for bus parking. As shown in Figure 4 of the transportation study, the Project's vehicular access would allow turning movements with acceptable maneuvering space for loading and emergency vehicles because the Project driveways on Airport Boulevard and Bay View Place would be 24 and 20 feet wide, respectively. Therefore, on-site circulation is considered adequate, and impacts would be ***less than significant***.

XVIII. Tribal Cultural Resources

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
Would the Project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074 as a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe and:				
a. Listed or eligible for listing in the California Register of Historical Resources or in a local register of historical resources, as defined in Public Resources Code Section 5020.1(k), or	☐	☒	☐	☐
b. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	☐	☒	☐	☐

Setting

Public Resource Code Section 21080.3.1 requires that local agencies formally consult with recognized California Native American tribes during the CEQA process to discuss potential impacts on tribal cultural resources. Prior to release of a Negative Declaration, Mitigated Negative Declaration, or Environmental Impact Report, the agency must initiate consultation with tribes that are traditionally and culturally affiliated with the geographic area of a proposed project if (1) the tribe requested of the agency, in writing, to be informed through formal notification of proposed projects in the geographic area that is traditionally and culturally affiliated with the tribe and (2) the tribe responds, in writing, within 30 days of receipt of the formal notification of a proposed project and requests consultation with the agency (Public Resource Code Section 21080.3.1[b]).

To identify tribal cultural resources within the Project area, on December 21, 2023, ICF on behalf of the City, submitted a request to the Native American Heritage Commission (NAHC) to provide a list of California Native American tribes that are geographically affiliated with the Project site. A search of the NAHC's Sacred Land File (SLF) was also requested. On December 29, 2023, the NAHC responded to the request and stated that "the result of the Sacred Lands File (SLF) check conducted through the Native American Heritage Commission was negative." A list of 11 individuals for consultation was provided with the NAHC response.

On June 14, 2024, the City sent letters to each of the 11 contacts from the list provided by the NAHC and to Native American contacts that had previously requested to be contacted by the City for potential consultation, informing them of the Project and formally inviting them to consultation pursuant to Public

Resource Code Section 21080.3.1 (i.e., Assembly Bill 52). Letters containing details about the Project and a location map were sent to the 11 representatives from the six tribal groups.

- Carla Munoz, Tribal Council – Costanoan Rumsen Carmel Tribe
- Desiree Munoz, Tribal Liaison – Costanoan Rumsen Carmel Tribe
- Charlene Nijmeh, Chairperson – Muwekma Ohlone Tribe of the San Francisco Bay Area
- Monica Arellano, Vice Chairwoman – Muwekma Ohlone Tribe of the San Francisco Bay Area
- Vincent Medina, Cultural Leader – The Ohlone Indian Tribe
- Desiree Virgil, Tribal Historic Preservation Officer – The Ohlone Indian Tribe
- Andrew Galvan – The Ohlone Indian Tribe
- Kenneth Woodrow, Chairperson – Wuksachi Indian Tribe/Eshom Valley Band
- Kanyon Sayers-Roods, Most Likely Descendant Contact – Indian Canyon Mutsun Band of Costanoan Ohlone People
- Ann Marie Sayers, Chairperson – Indian Canyon Mutsun Band of Costanoan Ohlone People
- Irenne Zwierlein, Chairperson – Amah Mutsun Tribal Band of Mission San Juan Bautista

All tribal correspondence was conducted by the City. The City did not receive any requests for consultation during the 30-day notification period. Therefore, the City has determined that the consultation process is concluded, pursuant to Public Resource Code Section 21080.3 (i.e., Assembly Bill 52) and Public Resource Code Section 21084.3.

Discussion

Would the Project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074 as a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe and:

a. Listed or eligible for listing in the California Register of Historical Resources or in a local register of historical resources, as defined in Public Resources Code Section 5020.1(k)? (Less than Significant with Mitigation)

A search of the SLF identified no tribal cultural resources in the Project area, and no tribal cultural resources or burials were identified as a result of consultation with the Native American groups the NAHC listed as geographically affiliated with the region. Moreover, the Project site is located on artificial fill created in the early 1970s. Notwithstanding, the potential exists for previously undiscovered tribal cultural resources to be encountered during Project-related ground disturbance. Buried deposits may be eligible for listing in the California Register of Historical Resources. If such resources were to be destroyed by Project-related activities, the impact would be significant.

Mitigation measures included in Section V, Cultural Resources, would reduce impacts. Implementation of Mitigation Measure CUL-1 would require the excavation crew to receive pre-construction archaeological sensitivity training, which would define what archaeological resources are and lay out the protocol for unanticipated archaeological discoveries. The protocol requires construction work to stop if an archaeological material or feature is encountered during ground-disturbing activities, thereby preventing further disruption and possible damage. The resource would be properly evaluated, and a treatment plan

would be developed with Native American stakeholders. In accordance with Section 50977.98 of the Public Resources Code and Section 7050.5 of the State Health and Safety Code, the Project would be required to stop construction work if human remains are encountered during ground-disturbing activities and follow proper procedures regarding notification. Implementation of Mitigation Measure CUL-1 would ensure that any previously undiscovered tribal cultural resources would be properly treated if found during construction. Therefore, this impact on tribal cultural resources would be ***less than significant with mitigation***.

b. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1? (Less than Significant with Mitigation)

As stated previously, no sacred lands were identified by the NAHC in the vicinity of the Project site, and no previously recorded archaeological resources within the Project site or within 0.5 mile of the Project site were identified during the records search at the Northwest Information Center. In addition, no tribal cultural resources were identified during consultation with California Native American tribes. However, the potential still exists for encountering as-yet undocumented archaeological resources because of the archaeological and historical contexts of the Project site, combined with the presence of Holocene-age soils. Prehistoric archaeological resources could be considered tribal cultural resources. Therefore, the impact on tribal cultural resources would be potentially significant.

As described previously, implementation of Mitigation Measure CUL-1 would mitigate potential impacts on as-yet undocumented resources and human burials. Therefore, the impact on such resources, which could be considered significant by California Native American tribes (per Public Resources Code Section 5024.1), would be ***less than significant with mitigation***.

XIX. Utilities and Service Systems

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
Would the Project:				
a. Require or result in the relocation or construction of new or expanded water, wastewater treatment, stormwater drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	☐	☐	☒	☐
b. Have sufficient water supplies available to serve the Project and reasonably foreseeable future development during normal, dry, and multiple dry years?	☐	☐	☒	☐
c. Result in a determination by the wastewater treatment provider that serves or may serve the Project that it has adequate capacity to serve the Project's projected demand in addition to the provider's existing commitments?	☐	☐	☒	☐
d. Generate solid waste in excess of state or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	☐	☐	☒	☐
e. Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	☐	☐	☒	☐

Setting

Water

The City purchases all of its potable water from the San Francisco Public Utilities Commission (SFPUC) Regional Water System (RWS). Approximately 85 percent of the SFPUC RWS water supply originates in the Hetch Hetchy watershed in Yosemite National Park, then flows down the Tuolumne River to Hetch Hetchy Reservoir.[258] The remaining 15 percent of the SFPUC RWS water supply originates locally in the Antonio, Calaveras, Crystal Springs, Pilarcitos, and San Andreas Reservoirs. This water is stored in six different reservoirs in Alameda and San Mateo Counties.[259]

The RWS has historically met demand in its service area in all year types. The water available to SFPUC's retail and wholesale customers from the RWS is constrained by hydrology, physical facilities, and the institutional parameters that allocate the water supply of the Tuolumne River. In addition, statewide regulations and other factors can affect system reliability. For example, adoption of the Water Quality Control Plan for the San Francisco/Sacramento-San Joaquin Delta Estuary (Bay-Delta Plan Amendment)

[258] City of Burlingame. 2021. *City of Burlingame 2020 Urban Water Management Plan*. Available: https://cms6.revize.com/revize/burlingamecity/document_center/Water/CityofBurlingame_2020_UWMP.pdf. Accessed: June 12, 2024.

[259] Ibid.

is anticipated to affect the reliability of RWS supplies in the future. However, there are many uncertainties surrounding implementation of the current (July 2018) Bay-Delta Plan Amendment, not the least of which is ongoing litigation. On October 25, 2024, the State Water Resources Control Board (SWRCB) released draft potential updates to the Bay-Delta Plan[260] that included options for incorporating a regulatory pathway, based on the Healthy Rivers and Landscapes Program, formerly referred to as the Voluntary Agreements.[261] If the Bay-Delta Plan Amendment is implemented, the proposed unimpaired flow volumes would significantly reduce the water supply available through the RWS during future drought conditions. The City would be required to reduce its water use by as much as 53.3 percent during multi-year droughts if no new additional imported or local supplies are developed by SFPUC or its wholesale customers. As part of this "worst-case" scenario, the City plans to enact its Water Shortage Contingency Program (WSCP), which includes mandatory staged restrictions of water use. The WSCP systematically identifies ways in which the City can reduce water demand during dry years. The overall reduction goals in the WSCP were established for six drought stages to reduce water demand by more than 50 percent.

According to the City's 2020 Urban Water Management Plan (UWMP), Burlingame's average water demand between 2018 and 2022 totaled 1,238 million gallons, which is equivalent to 3.39 million gallons per day (mgd), or 65 percent of the City's allotted 5.23 mgd. Generally, 42 percent of water consumption is from single-family residential uses, 19 percent from multi-family residential uses, 12 percent from industrial uses, 13 percent from commercial uses, 5.2 percent from irrigation uses, and 2.8 percent from institutional uses (the remaining is consumed through losses). In 2022, the City updated its water demand projections to reflect its Housing Element update and assigned Regional Housing Needs Assessment (RHNA) development values. The updated demand values incorporated savings from both passive and active conservation.

Water demand within Burlingame is projected to increase to 1,697 million gallons by 2045 (4.65 mgd), an increase of approximately 28 percent compared to the 2018–2022 average. As a result of anticipated increases in citywide demand for water, the City developed a Development Offset Program to show how future demands will be met through the implementation of citywide water conservation programs. The purpose of the Development Offset Program is to ensure that overall customer demand for water does not exceed the available current or future supply under a range of hydrologic conditions, thereby ensuring the availability of water for residential, commercial, and other purposes in the service area. New developments that are expected to result in a net increase in demand compared with City projections are required to pay fees under the Development Offset Program, which will fund water conservation projects and offset forecast demand overages.

There is an existing 12-inch municipal water main in Airport Boulevard south of the Project site.

Wastewater

The City's Public Works Department services Burlingame's wastewater system. Wastewater flows are carried to a wastewater treatment plant (WWTP) at 1103 Airport Boulevard, which serves the entire city as well as approximately one-third of Hillsborough. The average dry-weather flow of wastewater

[260] ACWA. 2024. *State Water Board Releases Draft Updates to the Bay-Delta Plan*. October 30, 2024. Available: https://www.acwa.com/news/state-water-board-releases-draft-updates-to-the-bay-delta-plan/. Accessed: December 3, 2025.

[261] Ibid.

to the WWTP has remained fairly constant, at approximately 3.0 to 3.5 mgd, which is approximately 55 to 64 percent of the facility's 5.5 mgd capacity.[262]

An existing 10-inch municipal sewer main is located in Airport Boulevard south of the Project site.

Stormwater

The Project site is relatively flat, although localized high areas are present on the north that affect drainage patterns.[263] Runoff from more than half of the site flows directly toward the constructed tidal marsh, San Francisco Bay, Anza Lagoon, and Sanchez Channel, all of which are controlled by tidal conditions; however, water levels are unaffected by runoff from the Project site. The remainder of the site drains to an existing 36-inch municipal storm drain on Airport Boulevard or a 21-inch storm drain on Bay View Place.[264]

The Proposed Project is subject to the requirements of the Clean Water Act of 1972, which prohibits the discharge of stormwater into waters of the United States, unless the discharge is in compliance with an NPDES permit, as described in detail in Section X, *Hydrology and Water Quality.*

Solid Waste

The city is within the service area of RethinkWaste, also known as the South Bayside Waste Management Authority. The City of Burlingame, as well as the Cities of Atherton, Belmont, East Palo Alto, Foster City, Hillsborough, Menlo Park, Redwood City, San Carlos, and San Mateo; the County of San Mateo; and the West Bay Sanitary District form the Joint Powers Authority (JPA) for Rethink Waste.[265] Recology San Mateo County provides recycling, composting, and garbage collection services for residents and businesses in the RethinkWaste service area. Recyclables and organic solid waste are taken by Recology trucks to the Shoreway Environmental Center in San Carlos for sorting. The Shoreway Environmental Center is owned by RethinkWaste and operated by South Bay Recycling on behalf of RethinkWaste. Solid waste and recyclables received at the Shoreway Environmental Center are processed and sent to the appropriate facility, including the Ox Mountain Landfill (also known as Corinda Los Trancos Landfill), which is in Half Moon Bay. This landfill has a maximum permitted capacity of 60,500,000 cubic yards (cy). This landfill is expected to remain operational until 2034 and has a permitted throughput capacity of 3,598 tons per day.[266]

Electric Power, Natural Gas, and Telecommunications Facilities

The Pacific Gas and Electric Company's (PG&E's) natural gas (methane) delivery system includes approximately 42,000 miles of distribution pipelines and 6,700 miles of transmission pipelines. Gas delivered by PG&E originates in gas fields in California, the Southwest, the Rocky Mountains, and Canada. Transportation pipelines send natural gas from fields and storage facilities in large pipes while under high pressure. The smaller distribution pipelines deliver gas to individual businesses or residences. PG&E gas

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262 City of Burlingame. 2021. *City of Burlingame 2020 Urban Water Management Plan*. Available: https://www.burlingame.org/DocumentCenter/View/3803/Final-2020-Urban-Water-Management-Plan-with-Appendices-PDF. Accessed: June 14, 2024.

263 Langan Engineering and Environmental Services, Inc. 2021. *Preliminary Geotechnical Investigation Burlingame Shoreline Park Burlingame, California*. Prepared for The SPHERE Institute. June 28.

264 cbec eco engineering. 2021. *CEQA Impacts Assessment for Hydrology Technical Memorandum*. November 24.

265 Rethink Waste South Bayside Waste Management Authority. 2024. *About.* Available: https://rethinkwaste.org/about/rethinkwaste/about/. Accessed: June 14, 2024.

266 CalRecycle. 2019. *SWIS Facility/Site Summary Details: Corinda Los Trancos Landfill (Ox Mtn) (41-AA-0002).* Available: https://www2.calrecycle.ca.gov/SolidWaste/Site/Details/3223. Accessed: June 14, 2024.

transmission pipeline systems serve approximately 15 million customers in California. The system is operated under an inspection-and-monitoring program in real time on a 24-hour basis. The program provides leak inspections, surveys, and patrols of the pipelines.[267]

Numerous telecommunications providers serve Burlingame and provide access to infrastructure for broadband, fiber optic, wireless, and other emerging technologies. AT&T, Xfinity from Comcast, Wave Broadband, Sonic, and others provide telecommunication and cable television services to residents and businesses in the city. The Project site receives services from Xfinity, AT&T, Viasat, and Comcast.[268]

Discussion

a. Require or result in the relocation or construction of new or expanded water, wastewater treatment, stormwater drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects? (Less than Significant)

Water and Wastewater Facilities

The Project site is vacant. Because the Project would be constructed within a vacant parcel, operation of the Project would increase water usage and wastewater generation compared with existing conditions. Although the Project would increase sewer flows, the 10-inch sewer main in Airport Boulevard would have adequate capacity to handle the additional flows and would not require any upgrades. New sewer connections would be extended from the Project site to the existing 10-inch municipal sewer main. Similarly, new water services would connect to the existing 12-inch municipal water main south of the Project site. Therefore, the construction of new or expansion of existing waste and wastewater infrastructure would not be required.

As described in more detail in impacts (b) and (c), below, the increased water and wastewater treatment demand, which would be minimal, could be served by the existing water supply and remaining capacity of the WWTP. The Project would not require relocation or construction of new or expanded water or wastewater treatment facilities because there is adequate water and wastewater treatment capacity available to serve the Project. Therefore, the impact would be ***less than significant***.

Stormwater

The Project would connect to the existing 36-inch municipal storm drain in Airport Boulevard, using an 8-inch connection, in accordance with the municipal regional permit. In addition, the Project would incorporate on-site retention facilities, including rainwater cisterns, a bioretention feature, and self-retainment landscaping features. Of the approximately 9.4 acres of land on the Project site, 2.23 acres (or approximately 24 percent of the Project site) would comprise impervious surface areas or permeable pavement. However, with the exception of water access features, these areas would not drain toward the Bay and restored marsh area; runoff would be treated with the use of the bioretention and self-retainment landscaping features, as previously mentioned. No new stormwater drainage facilities, other than those included in the Project design, would be required. Therefore, impacts associated with new stormwater drainage facilities would be ***less than significant***.

[267] Pacific Gas & Electric. *Learn about the PG&E Natural Gas System*. Available: https://www.pge.com/en/about/pge-systems/gas-systems.html. Accessed: June 17, 2024.

[268] BroadbandNow. n.d. *Internet Service Providers in Burlingame, California.* Available: https://broadbandnow.com/California/Burlingame#. Accessed: June 17, 2024.

Electric Power, Natural Gas, and Telecommunications Facilities

Operation of the Project is not anticipated to result in the construction or expansion of electric power, natural gas, or telecommunications facilities. Existing electric and telecommunications lines in the vicinity of the Project site would serve the Project. However, they may be upgraded, if necessary, to meet the needs of the Project. The Proposed Project would be designed to be all electric and therefore would not require any connections to existing natural gas lines or facilities.

The installation of new or expanded telecommunications lines on the Project site would require excavation, trenching, soil movement, and other activities that are typical during the construction of development projects. These construction impacts are discussed in detail in the appropriate topical sections of this document as part of the assessment of overall Project impacts. However, no off-site telecommunication lines would need to be installed or expanded as a result of the Project, resulting in less-than-significant impacts.

The Project would connect to existing electric lines located around the perimeter of the Project site. No new electric power lines would need to be installed. Existing PG&E electric lines in the vicinity of the Project site would continue to serve the site. It is anticipated that the Project would consume approximately 450,000 kilowatt hours of electricity per year once operational. For the reasons outlined above, no off-site electric facilities would need to be constructed or expanded as a result of the Project, resulting in ***less-than-significant impacts***.

b. Have sufficient water supplies available to serve the Project and reasonably foreseeable future development during normal, dry, and multiple dry years? (Less than Significant)

As discussed previously, Burlingame uses 3.39 mgd of its 5.23 mgd water supply. Burlingame's existing use represents 65 percent of its allotted supply; therefore, 35 percent of the city's water supply is unused. It is anticipated that operation of the Project would require approximately 3,300,000 gallons of water per year, including 300,000 gallons for use by the proposed education center/event building and approximately 3,000,000 gallons for landscape irrigation. The Project would use 9,041 gallons per day (0.009041 mgd), bringing Burlingame's use to 3.40 mgd, which is still under the existing water supply of 5.23 mgd. The city's water supply can accommodate the minimal increase in water demand due to the Project. In addition, through implementation of the City's Development Offset Program, the Project would not affect water supply reliability within Burlingame beyond what has been projected. Based on currently available information, the City expects to be able to meet all future demands within its service area, inclusive of the Project, in normal hydrologic years and dry years. The shortfalls that are currently projected during dry years will be addressed through planned implementation of the City's WSCP. Furthermore, as described herein and in the City's 2020 UWMP, the City, the Bay Area Water Supply and Conservation Agency, and SFPUC are pursuing the development of additional water supplies and mitigation measures to improve the RWS and local supply reliability. Therefore, adequate water supplies would be available to serve the Project and reasonably foreseeable future development during normal, dry, and multiple dry years, the impact would be ***less than significant***.

c. Result in a determination by the wastewater treatment provider that serves or may serve the Project that it has adequate capacity to serve the Project's projected demand in addition to the provider's existing commitments? (Less than Significant)

As described previously, the WWTP treats approximately 3.0 to 3.5 mgd of wastewater, which represents approximately 55 to 64 percent of the facility's capacity of 5.5 mgd. Therefore, 36 to 45 percent of the WWTP's capacity remains available to treat wastewater. As discussed in the section above, the Project's

water demand is anticipated to total 300,000 gallons or 0.3 million gallons of water per year (0.00082 mgd) for the proposed education center/event building; therefore, it is conservatively estimated that the Project would generate approximately 0.27 million gallons of wastewater per year (0.00074 mgd).[269] This additional wastewater demand due to the Project represents approximately 0.04 percent of the remaining wastewater treatment capacity (2.0 mgd) at the WWTP.[270] Currently, the remaining wastewater treatment capacity can accommodate the increase in wastewater demand due to the Project. Therefore, the Project's impact would be ***less than significant***.

d. Generate solid waste in excess of state or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals? (Less than Significant)

The California Integrated Waste Management Act of 1989 (AB 939) requires municipalities to adopt an integrated waste management plan to establish objectives, policies, and programs related to waste disposal, management, source reduction, and recycling. In addition, Senate Bill 1383, passed in 2016, established a target that calls for a 50 percent reduction in organic waste by 2020 and a 75 percent reduction by 2025. As discussed above, the City is part of a regional JPA that manages solid waste collection and recycling services for several cities. The JPA is required to divert waste from landfills to achieve state reduction goals. In 2022, San Mateo County as a whole had a total diversion rate of 50.8 percent because of recycling and composting. Burlingame had a slightly lower diversion rate than the county, with 40.3 percent of waste diverted from landfills.[271]

Construction of the Project would generate demolition waste from the removal of trees and pavement. It is anticipated that the Project could generate approximately 40,000 cy of excavated material during construction. About 25,000 cy of the excavated material would be exported off-site; 15,000 cy is anticipated to be recycled on-site. As such, construction of the Project would require the disposal of exported materials at a permitted landfill. All soil and debris, including contaminated soil, would be hauled to the Dumbarton or Newby Landfill or a similar facility. The Shoreway Environmental Center is permitted to receive 3,000 tons of refuse per day.[272] Once collected and sorted at the Shoreway Environmental Center, solid waste is transported to Corinda Los Trancos Landfill, which is permitted to receive 3,598 tons per day.[273] Solid waste generated by construction of the Project would represent approximately 3.20 percent and 2.67 percent of the permitted capacity of the Shoreway Environmental Center and Corinda Los Trancos Landfill, respectively.[274] As such, the Shoreway Environmental Center and the Corinda Los Trancos Landfill would have adequate capacity to serve the Project with respect to waste generated during construction. Furthermore, the Project would be required to comply with the

[269] This metric was calculated using a 90 percent rate for water returning to the sewer system as wastewater for non-residential users: (300,000 × 0.90) = 270,000 gallons per year of wastewater.

[270] 0.04 percent = (0.00074 mgd Project wastewater/2.0 mgd remaining capacity) × 100 percent.

[271] Recology San Mateo County. 2023. *Annual Report to the SBWMA for Year 2022*. Available: https://rethinkwaste.org/wp-content/uploads/2023/04/RSMC-Annual-Report-2022.pdf. Accessed: June 17, 2024.

[272] RethinkWaste. 2024. *About Shoreway.* Available: https://rethinkwaste.org/shoreway-environmental-center/about/. Accessed: June 14, 2024.

[273] California Department of Resources Recycling and Recovery. 2019. *SWIS Facility/Site Summary Details: Corinda Los Trancos Landfill (Ox Mtn) (41-AA-0002).* Available: https://www2.calrecycle.ca.gov/SolidWaste/SiteActivity/Details/1561?siteID=3223. Accessed: June 14, 2024.

[274] (25,000 cy off-site Project waste × 1.4 tons)/(3,000 tons per day × 365 days per year) × 100 percent = 3.20 percent; (25,000 cy off-site Project waste × 1.4 tons)/(3,598 tons per day × 365 days per year)) × 100 percent = 2.67 percent.

City Construction and Demolition Recycling Ordinance (Chapter 8.17 of the Burlingame Municipal Code), which requires salvaging or recycling at least 60 percent of construction-related solid waste.

Operation of the Project would most likely increase overall solid waste generation because of the additional recreational uses compared with the currently vacant site. In 2023, employment uses in Burlingame generated approximately 6.3 pounds of solid waste per person per day.[275] Therefore, using a conservative estimate of the number of new employees on the Project site (i.e., two new employees), the Project could generate approximately 13 pounds of solid waste per day (0.0065 ton per day) in the form of garbage as well as recycling and composting material.[276] However, operation of the proposed public nature and recreation park would be required to meet state and local standards regarding solid waste and recycling. The increase in the amount of solid waste generated would be considered negligible because the landfills that would be used would continue to have ample capacity and, therefore, would be able to handle the minimal increase.

The Project would not generate solid waste in excess of state or local standards, or in excess of the capacity of local infrastructure, or otherwise impair attainment of solid waste reduction goals. Therefore, impacts from solid waste disposal would be ***less than significant***.

e. Comply with federal, state, and local management and reduction statutes and regulations related to solid waste? (Less than Significant)

The Project would develop a public nature and recreation park along with an education center/event building; this would not result in the generation of unique types of solid waste that would conflict with existing regulations regarding waste disposal. The Project would be required to comply with the City's solid waste disposal requirements, including recycling programs established under AB 939. As a result, the Project would comply with federal, state, and local management and reduction statutes and regulations related to solid waste, and the impact would be ***less than significant***.

[275] CalRecycle. 2024. *Jurisdiction Per Capita Disposal Rate Trends (2023)*. Jurisdiction: Burlingame. Available: https://www2.calrecycle.ca.gov/LGCentral/AnnualReporting/ReviewReports. Accessed: January 21, 2025.

[276] (2 employees × 6.3 pounds) = approximately 12.6 pounds per day.

XX. Wildfire

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
If located in or near State Responsibility Areas or lands classified as Very High Fire Hazard Severity Zones, would the Project:				
a. Substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☐	☒	☐
b. Because of slope, prevailing winds, or other factors, exacerbate wildfire risks and thereby expose Project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	☐	☐	☐	☒
c. Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines, or other utilities) that may exacerbate fire risks or result in temporary or ongoing impacts on the environment?	☐	☐	☐	☒
d. Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	☐	☐	☐	☒

Setting

The Project site is not in a Moderate, High, or Very High Fire Hazard Severity Zone (FHSZ) within a State Responsibility Area. The closest State Responsibility Area to the Project site is the Moderate FHSZ approximately 3.3 miles southwest of the site, west of I-280.[277] The Project site and all surrounding areas are within a Local Responsibility Area, which is not identified as a Moderate, High, or Very High FHSZ. The area is generally developed and lacking the features that normally elevate wildland fire risks (dry vegetation, steeply sloped hillsides, etc.).[278]

Discussion

a. Substantially impair an adopted emergency response plan or emergency evacuation plan? (Less than Significant)

The Project would construct a public nature and recreation park on the vacant Project site, restore the tidal marsh ecology of the Bay shoreline, and provide an education center/event building and accessory storage building. Access for emergency vehicles would be provided through use of a driveway on Airport Boulevard. The Project would also incorporate a 20- by 30-foot building to store jet skis, personal protective equipment, and rescue equipment, as required by the Central County Fired Department. Although the City does not have an established evacuation plan, the Project would adhere to the guidelines

[277] California Department of Forestry and Fire Protection. 2024. *San Mateo County State Responsibility Area Fire Hazard Severity Zones*. Available: https://osfm.fire.ca.gov/what-we-do/community-wildfire-preparedness-and-mitigation/fire-hazard-severity-zones. Accessed: June 12, 2024.

[278] Ibid.

established by the Community Safety Element of the Burlingame General Plan. Therefore, the Project would not conflict with an adopted emergency response or evacuation plan. The impact would be ***less than significant*** and was adequately addressed in the Burlingame General Plan EIR.

b. Due to slope, prevailing winds, or other factors, exacerbate wildfire risks and thereby expose Project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire? (No Impact)

The Project site is in an area that is highly developed and lacking features that normally elevate wildland fire risks (e.g., dry vegetation, steeply sloped hillsides). Because the Project site is not within or near a State Responsibility Area or a Very High FHSZ, there would be ***no impact***.

c. Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines, or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts on the environment? (No Impact)

The Project would not require the installation or maintenance of infrastructure that would exacerbate fire risks, resulting in ***no impact***.

d. Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes? (No Impact)

The Project site does not include an area that is downslope or downstream from areas that could experience post-fire slope instability or drainage changes. Therefore, the Project would result in ***no impact*** regarding the exposure of people or structures to associated significant risks.

XXI. Mandatory Findings of Significance

		Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
a.	Does the Project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?	☐	☒	☐	☐
b.	Does the Project have impacts that are individually limited but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)	☐	☒	☐	☐
c.	Does the Project have environmental effects that will cause substantial adverse effects on human beings, either directly or indirectly?	☐	☒	☐	☐

Discussion

a. Does the Project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory? (Less than Significant with Mitigation)

As described in Section IV, *Biological Resources*, there is no riparian habitat within the Project area, and special-status plant species are not expected to occur. However, there are aquatic habitats and sensitive natural communities within or in the general vicinity of the Project site, including seasonal wetlands, eelgrass beds, and designated critical habitat. In addition, special-status bird species, western red bat, special-status fish, and marine mammals could occur on or near the Project site. As such, construction of the Project could result in potentially significant impacts on these biological resources. However, implementation of Mitigation Measures BIO-1 through BIO-10 and Mitigation Measure BIO-12 would ensure that impacts on these resources would be less than significant.

Project operation could result in potentially significant impacts on wildlife from proposed artificial lighting. The Project would include outdoor lighting within the landscape and along the exterior of the education center. However, lighting would be designed with sensitivity to the adjacent restored habitat and existing habitats (i.e., Sanchez Creek and the Bay). In addition, automated interior blackout shades would be installed on all windows on the education center's northern/northwestern and eastern façades as well as the galleries' south-facing clerestory windows. Given the amount of existing lighting adjacent to

the site and the proposed minimization for lighting on the site, the Project would not have appreciably greater illuminance than existing conditions. Furthermore, those species that currently occur on the site are adapted to artificial lighting and would continue to use the site after Project construction. Nonetheless, because the lighting design for the Project has not been finalized, implementation of Mitigation Measure BIO-11 would be required to ensure the Project would sufficiently minimize the potential impacts of lighting on wildlife species. Therefore, with mitigation, Project construction and operation would not reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, or reduce the number or restrict the range of a rare or endangered plant or animal.

As described in Section V, *Cultural Resources*, construction of the Project would not eliminate important examples of major periods of California history or prehistory. The Project would have no impact on a historical resource pursuant to Section 15064.5 of the CEQA Guidelines. Although no archaeological resources or human remains were identified at the Project site, such resources could be encountered during construction of the Project. Implementation of Mitigation Measure CUL-1 and compliance with Section 7050.5 of the California Health and Safety Code and Section 5097.98 of the Public Resources Code would ensure that impacts on as-yet unknown cultural resources would be avoided and minimized.

With implementation of mitigation measures, the Project would not substantially degrade the quality of the environment, substantially reduce wildlife habitat, or eliminate important examples of major periods of California history or prehistory. These impacts would be ***less than significant with mitigation***.

b. Does the Project have impacts that are individually limited but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.) (Less than Significant with Mitigation)

The cumulative impact analyses determined whether the Project in combination with other approved or foreseeable projects would result in a significant cumulative impact and, if so, whether the Project's contribution to the significant cumulative impact would be cumulatively considerable.

The initial study evaluates cumulative impacts using the General Plan EIR because the Project is consistent with applicable land use plans and policies. The General Plan EIR is incorporated by reference and available for public review online.[279] The General Plan EIR evaluated future development, as identified in the 2040 General Plan. Chapter 22 of the Burlingame General Plan EIR concluded that implementation of the Burlingame General Plan would result in a less-than-significant impact with respect to cumulative impacts related to the following resources: aesthetics; agricultural resources; air quality; biological resources; geology, soils, and minerals; hazards and hazardous materials; historic and cultural resources; hydrology and water quality; land use and planning; population and housing; public services; and utilities. Given the conclusions in the Burlingame General Plan EIR; given that the Project, with mitigation, would have a less-than-significant impact on the aforementioned resources; and given that future projects would be required to adhere to federal and state regulations, as well as local regulations identified in the Burlingame General Plan, the Project's contribution to impacts related to the aforementioned resources would not be singularly or cumulatively considerable.

As discussed in Section III, *Air Quality*, the combined level of health risk from the Project and other local sources of TACs would be less than all BAAQMD-recommended cumulative health risk thresholds prior to incorporation of Mitigation Measure AQ-1, as shown in Tables 3.3-6 and 3.3-7. Therefore, the level of

[279] The City of Burlingame 2040 General Plan EIR is available online at https://burlingame.org/252/General-Plan.

health risk associated with TACs emitted by the Project in combination with the health risks associated with other nearby TAC sources would not result in a cumulative local health risk impact for sensitive receptors. Accordingly, the contribution of the Project's emissions would not be cumulatively considerable.

Chapter 10 of the Burlingame General Plan EIR includes the cumulative impact analysis of GHG emissions. The Burlingame General Plan EIR concluded that implementation of the Burlingame General Plan could result in a significant cumulative GHG impact because the City cannot conclusively demonstrate that implementation of the Burlingame General Plan would not generate GHG emissions that would exceed the City's existing and future GHG reduction goals. The Project's contribution to global climate change due to GHG emissions is discussed in Section VIII, *Greenhouse Gas Emissions*. The Project would incorporate applicable BAAQMD policies and comply with the City's Climate Action Plan. As discussed in Section VIII, *Greenhouse Gas Emissions,* the Project would be consistent with the state's GHG emissions reduction trajectory and the City's Climate Action Plan. Therefore, the Project's contribution to this cumulative impact would not be cumulatively considerable.

Chapter 18 of the Burlingame General Plan EIR includes the cumulative transportation impact analysis. The Burlingame General Plan EIR concluded that implementation of local regulations and Burlingame General Plan policies would ensure that cumulative transportation impacts would be less than significant. As discussed in Section XVII, *Transportation*, the Project would result in a less-than-significant impact with respect to conflicts with applicable plans, VMT, design hazards, and emergency access. Given the Project's less-than-significant impacts, and given that future projects would be required to adhere to local regulations and Burlingame General Plan policies, the Project's contribution to cumulative transportation impacts would not be cumulatively considerable. Therefore, cumulative impacts would be ***less than significant with mitigation***, as required for this Project.

c. Does the Project have environmental effects that will cause substantial adverse effects on human beings, either directly or indirectly? (Less than Significant with Mitigation)

As described in this document, implementation of the Project could result in temporary air quality, cultural resources, geology and soils (paleontological resources), and tribal cultural resources impacts during the construction period. Implementation of the mitigation measures recommended in this document would ensure that the Project would not result in environmental effects that would have substantial adverse effects on human beings. Impacts would be ***less than significant with mitigation***.

Appendix A

Air Quality, Greenhouse Gas, and Health Risk Assessment Modeling Files

CalEEMod Inputs and Output Files

410 Airport Blvd - Phase 0 Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	410 Airport Blvd - Phase 0
Construction Start Date	1/31/2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	4.60
Precipitation (days)	37.8
Location	37.591553700386626, -122.34047697245035
County	San Mateo
City	Burlingame
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1238
EDFZ	1
Electric Utility	Pacific Gas & Electric Company
Gas Utility	—
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Library	14.0	1000sqft	0.32	14,000	0.00	—	—	—
Parking Lot	28.0	Space	0.25	0.00	0.00	—	—	—

City Park	8.83	Acre	8.83	0.00	384,488	384,488	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.48	1.00	12.0	9.60	0.03	0.41	3.15	3.56	0.38	1.47	1.85	—	3,760	3,760	0.38	0.35	0.12	3,873
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.13	0.08	1.02	0.82	< 0.005	0.03	0.27	0.30	0.03	0.12	0.16	—	319	319	0.03	0.03	0.18	329
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.02	0.02	0.19	0.15	< 0.005	0.01	0.05	0.06	0.01	0.02	0.03	—	52.9	52.9	0.01	< 0.005	0.03	54.5

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.48	1.00	12.0	9.60	0.03	0.41	3.15	3.56	0.38	1.47	1.85	—	3,760	3,760	0.38	0.35	0.12	3,873

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.13	0.08	1.02	0.82	< 0.005	0.03	0.27	0.30	0.03	0.12	0.16	—	319	319	0.03	0.03	0.18	329
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.02	0.02	0.19	0.15	< 0.005	0.01	0.05	0.06	0.01	0.02	0.03	—	52.9	52.9	0.01	< 0.005	0.03	54.5

3. Construction Emissions Details

3.1. Phase 0b - Stockpile Soil (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.10	0.93	8.76	7.25	0.01	0.38	—	0.38	0.35	—	0.35	—	1,329	1,329	0.05	0.01	—	1,334
Dust From Material Movement	—	—	—	—	—	—	2.56	2.56	—	1.31	1.31	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.08	0.74	0.62	< 0.005	0.03	—	0.03	0.03	—	0.03	—	113	113	< 0.005	< 0.005	—	113

Dust From Material Movement	—	—	—	—	—	—	0.22	0.22	—	0.11	0.11	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.14	0.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	18.7	18.7	< 0.005	< 0.005	—	18.8
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.03	0.31	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	85.1	85.1	< 0.005	< 0.005	0.01	86.2
Vendor	0.07	0.01	0.71	0.41	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	537	537	0.05	0.08	0.04	560
Hauling	0.28	0.04	2.54	1.64	0.02	0.02	0.37	0.39	0.02	0.10	0.12	—	1,572	1,572	0.24	0.25	0.08	1,654
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.25	7.25	< 0.005	< 0.005	0.01	7.35
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	45.6	45.6	< 0.005	0.01	0.05	47.7
Hauling	0.02	< 0.005	0.21	0.14	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	134	134	0.02	0.02	0.11	141
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.20	1.20	< 0.005	< 0.005	< 0.005	1.22

Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.55	7.55	< 0.005	< 0.005	0.01	7.89
Hauling	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	22.1	22.1	< 0.005	< 0.005	0.02	23.3

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Phase 0b - Stockpile Soil	Site Preparation	1/31/2025	3/15/2025	5.00	31.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Phase 0b - Stockpile Soil	Rubber Tired Dozers	Diesel	Average	1.00	8.00	354	0.40

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Phase 0b - Stockpile Soil	—	—	—	—
Phase 0b - Stockpile Soil	Worker	10.0	12.8	LDA,LDT1,LDT2
Phase 0b - Stockpile Soil	Vendor	8.00	20.0	HHDT,MHDT
Phase 0b - Stockpile Soil	Hauling	20.0	20.0	HHDT
Phase 0b - Stockpile Soil	Onsite truck	0.00	0.00	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%
Sweep paved roads once per month	9%	9%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Phase 0b - Stockpile Soil	—	—	15.5	0.00	—

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction

Water Exposed Area	2	61%	61%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Library	0.00	0%
Parking Lot	0.25	100%
City Park	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	36,000	204	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	7.57	annual days of extreme heat
Extreme Precipitation	6.10	annual days with precipitation above 20 mm
Sea Level Rise	0.50	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A

Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	10.6
AQ-PM	26.6
AQ-DPM	79.0
Drinking Water	42.7
Lead Risk Housing	59.0
Pesticides	0.00
Toxic Releases	33.9
Traffic	84.8
Effect Indicators	—
CleanUp Sites	50.3
Groundwater	94.1
Haz Waste Facilities/Generators	83.0
Impaired Water Bodies	77.3
Solid Waste	59.2
Sensitive Population	—
Asthma	11.1
Cardio-vascular	6.54
Low Birth Weights	28.8
Socioeconomic Factor Indicators	—
Education	13.1
Housing	61.9
Linguistic	30.0
Poverty	2.12
Unemployment	15.8

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	78.09572693
Employed	97.51058642
Median HI	69.74207622
Education	—
Bachelor's or higher	84.51174131
High school enrollment	13.01167715
Preschool enrollment	89.87552932
Transportation	—
Auto Access	33.77389965
Active commuting	86.84717054
Social	—
2-parent households	82.71525728
Voting	85.46131143
Neighborhood	—
Alcohol availability	21.87860901
Park access	81.35506224
Retail density	86.71885025
Supermarket access	52.05954061
Tree canopy	85.69228795
Housing	—
Homeownership	33.41460285
Housing habitability	50.35288079
Low-inc homeowner severe housing cost burden	35.60887976
Low-inc renter severe housing cost burden	63.17207751

Uncrowded housing	47.26036186
Health Outcomes	—
Insured adults	93.81496215
Arthritis	0.0
Asthma ER Admissions	80.9
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	82.0
Cognitively Disabled	80.8
Physically Disabled	60.6
Heart Attack ER Admissions	93.1
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	75.5
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	20.0

Children	51.6
Elderly	71.6
English Speaking	36.0
Foreign-born	53.2
Outdoor Workers	60.0
Climate Change Adaptive Capacity	—
Impervious Surface Cover	50.0
Traffic Density	81.7
Traffic Access	63.9
Other Indices	—
Hardship	5.1
Other Decision Support	—
2016 Voting	81.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	21.0
Healthy Places Index Score for Project Location (b)	90.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Project-specific construction data provided by applicant.
Construction: Trips and VMT	Project-specific construction data provided by applicant.
Construction: Off-Road Equipment	Project-specific construction data provided by applicant.
Construction: Dust From Material Movement	Project-specific construction data provided by applicant.
Construction: Electricity	Project-specific construction data provided by applicant.

410 Airport Blvd - Phase 0_Mitigated Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	410 Airport Blvd - Phase 0_Mitigated
Construction Start Date	1/31/2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	4.60
Precipitation (days)	37.8
Location	37.591553700386626, -122.34047697245035
County	San Mateo
City	Burlingame
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1238
EDFZ	1
Electric Utility	Pacific Gas & Electric Company
Gas Utility	—
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Library	14.0	1000sqft	0.32	14,000	0.00	—	—	—
Parking Lot	28.0	Space	0.25	0.00	0.00	—	—	—

City Park	8.83	Acre	8.83	0.00	384,488	384,488	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-10-A	Water Exposed Surfaces

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.48	1.00	12.0	9.60	0.03	0.41	7.15	7.56	0.38	3.53	3.91	—	3,760	3,760	0.38	0.35	0.12	3,873
Mit.	1.48	1.00	12.0	9.60	0.03	0.41	2.30	2.71	0.38	1.04	1.41	—	3,760	3,760	0.38	0.35	0.12	3,873
% Reduced	—	—	—	—	—	—	68%	64%	—	71%	64%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.13	0.08	1.02	0.82	< 0.005	0.03	0.61	0.64	0.03	0.30	0.33	—	319	319	0.03	0.03	0.18	329
Mit.	0.13	0.08	1.02	0.82	< 0.005	0.03	0.19	0.23	0.03	0.09	0.12	—	319	319	0.03	0.03	0.18	329
% Reduced	—	—	—	—	—	—	68%	64%	—	71%	64%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.02	0.02	0.19	0.15	< 0.005	0.01	0.11	0.12	0.01	0.05	0.06	—	52.9	52.9	0.01	< 0.005	0.03	54.5
Mit.	0.02	0.02	0.19	0.15	< 0.005	0.01	0.04	0.04	0.01	0.02	0.02	—	52.9	52.9	0.01	< 0.005	0.03	54.5

% Reduced	—	—	—	—	—	—	68%	64%	—	71%	64%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.48	1.00	12.0	9.60	0.03	0.41	7.15	7.56	0.38	3.53	3.91	—	3,760	3,760	0.38	0.35	0.12	3,873
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.13	0.08	1.02	0.82	< 0.005	0.03	0.61	0.64	0.03	0.30	0.33	—	319	319	0.03	0.03	0.18	329
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.02	0.02	0.19	0.15	< 0.005	0.01	0.11	0.12	0.01	0.05	0.06	—	52.9	52.9	0.01	< 0.005	0.03	54.5

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.48	1.00	12.0	9.60	0.03	0.41	2.30	2.71	0.38	1.04	1.41	—	3,760	3,760	0.38	0.35	0.12	3,873
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.13	0.08	1.02	0.82	< 0.005	0.03	0.19	0.23	0.03	0.09	0.12	—	319	319	0.03	0.03	0.18	329

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.02	0.02	0.19	0.15	< 0.005	0.01	0.04	0.04	0.01	0.02	0.02	—	52.9	52.9	0.01	< 0.005	0.03	54.5

3. Construction Emissions Details

3.1. Phase 0b - Stockpile Soil (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.10	0.93	8.76	7.25	0.01	0.38	—	0.38	0.35	—	0.35	—	1,329	1,329	0.05	0.01	—	1,334
Dust From Material Movement	—	—	—	—	—	—	6.55	6.55	—	3.37	3.37	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.08	0.74	0.62	< 0.005	0.03	—	0.03	0.03	—	0.03	—	113	113	< 0.005	< 0.005	—	113
Dust From Material Movement	—	—	—	—	—	—	0.56	0.56	—	0.29	0.29	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.14	0.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	18.7	18.7	< 0.005	< 0.005	—	18.8
Dust From Material Movement	—	—	—	—	—	—	0.10	0.10	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.03	0.31	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	85.1	85.1	< 0.005	< 0.005	0.01	86.2
Vendor	0.07	0.01	0.71	0.41	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	537	537	0.05	0.08	0.04	560
Hauling	0.28	0.04	2.54	1.64	0.02	0.02	0.37	0.39	0.02	0.10	0.12	—	1,572	1,572	0.24	0.25	0.08	1,654
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.25	7.25	< 0.005	< 0.005	0.01	7.35
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	45.6	45.6	< 0.005	0.01	0.05	47.7
Hauling	0.02	< 0.005	0.21	0.14	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	134	134	0.02	0.02	0.11	141
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.20	1.20	< 0.005	< 0.005	< 0.005	1.22
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.55	7.55	< 0.005	< 0.005	0.01	7.89
Hauling	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	22.1	22.1	< 0.005	< 0.005	0.02	23.3

3.2. Phase 0b - Stockpile Soil (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.10	0.93	8.76	7.25	0.01	0.38	—	0.38	0.35	—	0.35	—	1,329	1,329	0.05	0.01	—	1,334
Dust From Material Movement	—	—	—	—	—	—	1.70	1.70	—	0.88	0.88	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.08	0.74	0.62	< 0.005	0.03	—	0.03	0.03	—	0.03	—	113	113	< 0.005	< 0.005	—	113
Dust From Material Movement	—	—	—	—	—	—	0.14	0.14	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.02	0.01	0.14	0.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	18.7	18.7	< 0.005	< 0.005	—	18.8
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.03	0.31	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	85.1	85.1	< 0.005	< 0.005	0.01	86.2
Vendor	0.07	0.01	0.71	0.41	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	537	537	0.05	0.08	0.04	560
Hauling	0.28	0.04	2.54	1.64	0.02	0.02	0.37	0.39	0.02	0.10	0.12	—	1,572	1,572	0.24	0.25	0.08	1,654
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.25	7.25	< 0.005	< 0.005	0.01	7.35
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	45.6	45.6	< 0.005	0.01	0.05	47.7
Hauling	0.02	< 0.005	0.21	0.14	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	134	134	0.02	0.02	0.11	141
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.20	1.20	< 0.005	< 0.005	< 0.005	1.22
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.55	7.55	< 0.005	< 0.005	0.01	7.89
Hauling	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	22.1	22.1	< 0.005	< 0.005	0.02	23.3

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Phase 0b - Stockpile Soil	Site Preparation	1/31/2025	3/15/2025	5.00	31.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Phase 0b - Stockpile Soil	Rubber Tired Dozers	Diesel	Average	1.00	8.00	354	0.40

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

Phase 0b - Stockpile Soil	Rubber Tired Dozers	Diesel	Average	1.00	8.00	354	0.40

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Phase 0b - Stockpile Soil	—	—	—	—
Phase 0b - Stockpile Soil	Worker	10.0	12.8	LDA,LDT1,LDT2
Phase 0b - Stockpile Soil	Vendor	8.00	20.0	HHDT,MHDT
Phase 0b - Stockpile Soil	Hauling	20.0	20.0	HHDT
Phase 0b - Stockpile Soil	Onsite truck	0.00	0.00	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Phase 0b - Stockpile Soil	—	—	—	—
Phase 0b - Stockpile Soil	Worker	10.0	12.8	LDA,LDT1,LDT2
Phase 0b - Stockpile Soil	Vendor	8.00	20.0	HHDT,MHDT
Phase 0b - Stockpile Soil	Hauling	20.0	20.0	HHDT
Phase 0b - Stockpile Soil	Onsite truck	0.00	0.00	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%
Sweep paved roads once per month	9%	9%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Phase 0b - Stockpile Soil	—	—	15.5	0.00	—

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Library	0.00	0%
Parking Lot	0.25	100%
City Park	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	36,000	204	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	7.57	annual days of extreme heat
Extreme Precipitation	6.10	annual days with precipitation above 20 mm
Sea Level Rise	0.50	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	10.6
AQ-PM	26.6

AQ-DPM	79.0
Drinking Water	42.7
Lead Risk Housing	59.0
Pesticides	0.00
Toxic Releases	33.9
Traffic	84.8
Effect Indicators	—
CleanUp Sites	50.3
Groundwater	94.1
Haz Waste Facilities/Generators	83.0
Impaired Water Bodies	77.3
Solid Waste	59.2
Sensitive Population	—
Asthma	11.1
Cardio-vascular	6.54
Low Birth Weights	28.8
Socioeconomic Factor Indicators	—
Education	13.1
Housing	61.9
Linguistic	30.0
Poverty	2.12
Unemployment	15.8

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	78.09572693

Employed	97.51058642
Median HI	69.74207622
Education	—
Bachelor's or higher	84.51174131
High school enrollment	13.01167715
Preschool enrollment	89.87552932
Transportation	—
Auto Access	33.77389965
Active commuting	86.84717054
Social	—
2-parent households	82.71525728
Voting	85.46131143
Neighborhood	—
Alcohol availability	21.87860901
Park access	81.35506224
Retail density	86.71885025
Supermarket access	52.05954061
Tree canopy	85.69228795
Housing	—
Homeownership	33.41460285
Housing habitability	50.35288079
Low-inc homeowner severe housing cost burden	35.60887976
Low-inc renter severe housing cost burden	63.17207751
Uncrowded housing	47.26036186
Health Outcomes	—
Insured adults	93.81496215
Arthritis	0.0
Asthma ER Admissions	80.9

High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	82.0
Cognitively Disabled	80.8
Physically Disabled	60.6
Heart Attack ER Admissions	93.1
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	75.5
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	20.0
Children	51.6
Elderly	71.6
English Speaking	36.0
Foreign-born	53.2
Outdoor Workers	60.0

Climate Change Adaptive Capacity	—
Impervious Surface Cover	50.0
Traffic Density	81.7
Traffic Access	63.9
Other Indices	—
Hardship	5.1
Other Decision Support	—
2016 Voting	81.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	21.0
Healthy Places Index Score for Project Location (b)	90.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification

Construction: Construction Phases	Project-specific construction data provided by applicant.
Construction: Trips and VMT	Project-specific construction data provided by applicant.
Construction: Off-Road Equipment	Project-specific construction data provided by applicant.
Construction: Dust From Material Movement	Project-specific construction data provided by applicant.
Construction: Electricity	Project-specific construction data provided by applicant.

410 Airport Blvd - Phase 1 Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	410 Airport Blvd - Phase 1
Construction Start Date	3/15/2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	4.60
Precipitation (days)	37.8
Location	37.591553700386626, -122.34047697245035
County	San Mateo
City	Burlingame
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1238
EDFZ	1
Electric Utility	Pacific Gas & Electric Company
Gas Utility	—
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Library	14.0	1000sqft	0.32	14,000	0.00	—	—	—
Parking Lot	28.0	Space	0.25	0.00	0.00	—	—	—

City Park	8.83	Acre	8.83	0.00	384,488	384,488	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	10.1	7.99	76.7	72.9	0.20	2.81	8.84	11.6	2.59	3.46	6.05	—	22,322	22,322	1.32	0.87	15.9	22,632
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.08	4.67	48.2	40.7	0.13	1.69	7.32	9.02	1.56	3.13	4.69	—	14,069	14,069	0.93	0.69	0.27	14,299
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.57	2.02	19.5	18.8	0.05	0.71	2.38	3.10	0.66	0.94	1.60	—	5,853	5,853	0.35	0.25	1.90	5,939
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.47	0.37	3.56	3.43	0.01	0.13	0.44	0.57	0.12	0.17	0.29	—	969	969	0.06	0.04	0.31	983

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2025	10.1	7.99	76.7	72.9	0.20	2.81	8.84	11.6	2.59	3.46	6.05	—	22,322	22,322	1.32	0.87	15.9	22,632
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	6.08	4.67	48.2	40.7	0.13	1.69	7.32	9.02	1.56	3.13	4.69	—	14,069	14,069	0.93	0.69	0.27	14,299
2026	2.46	2.03	16.1	26.0	0.06	0.60	1.04	1.64	0.55	0.25	0.80	—	7,716	7,716	0.35	0.16	0.10	7,774
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	2.57	2.02	19.5	18.8	0.05	0.71	2.38	3.10	0.66	0.94	1.60	—	5,853	5,853	0.35	0.25	1.90	5,939
2026	0.19	0.16	1.26	2.03	< 0.005	0.05	0.08	0.13	0.04	0.02	0.06	—	604	604	0.03	0.01	0.13	609
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.47	0.37	3.56	3.43	0.01	0.13	0.44	0.57	0.12	0.17	0.29	—	969	969	0.06	0.04	0.31	983
2026	0.04	0.03	0.23	0.37	< 0.005	0.01	0.01	0.02	0.01	< 0.005	0.01	—	100	100	< 0.005	< 0.005	0.02	101

3. Construction Emissions Details

3.1. Phase 1a - Demolition/Site Preparation (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.63	3.04	27.2	27.7	0.06	1.10	—	1.10	1.02	—	1.02	—	6,293	6,293	0.26	0.05	—	6,315
Demolition	—	—	—	—	—	—	0.36	0.36	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.63	3.04	27.2	27.7	0.06	1.10	—	1.10	1.02	—	1.02	—	6,293	6,293	0.26	0.05	—	6,315
Demolition	—	—	—	—	—	—	0.36	0.36	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.65	0.54	4.85	4.93	0.01	0.20	—	0.20	0.18	—	0.18	—	1,121	1,121	0.05	0.01	—	1,125
Demolition	—	—	—	—	—	—	0.06	0.06	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.89	0.90	< 0.005	0.04	—	0.04	0.03	—	0.03	—	186	186	0.01	< 0.005	—	186
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.24	0.19	3.35	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	901	901	0.01	0.01	2.98	906
Vendor	0.07	0.01	0.67	0.41	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	537	537	0.05	0.08	1.37	562

Hauling	0.09	0.01	0.73	0.49	0.01	0.01	0.11	0.12	0.01	0.03	0.04	—	472	472	0.07	0.08	0.93	497
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.24	0.26	3.08	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	851	851	0.02	0.03	0.08	862
Vendor	0.07	0.01	0.71	0.41	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	537	537	0.05	0.08	0.04	560
Hauling	0.09	0.01	0.76	0.49	0.01	0.01	0.11	0.12	0.01	0.03	0.04	—	472	472	0.07	0.08	0.02	496
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.53	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	152	152	< 0.005	0.01	0.23	154
Vendor	0.01	< 0.005	0.12	0.07	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	95.6	95.6	0.01	0.01	0.11	99.9
Hauling	0.02	< 0.005	0.13	0.09	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	84.0	84.0	0.01	0.01	0.07	88.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	25.2	25.2	< 0.005	< 0.005	0.04	25.5
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15.8	15.8	< 0.005	< 0.005	0.02	16.5
Hauling	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13.9	13.9	< 0.005	< 0.005	0.01	14.6

3.3. Phase 1b - Grading/Excavation (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.17	4.34	42.1	33.9	0.09	1.65	—	1.65	1.52	—	1.52	—	9,501	9,501	0.39	0.08	—	9,534
Dust From Material Movement	—	—	—	—	—	—	5.54	5.54	—	2.67	2.67	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.17	4.34	42.1	33.9	0.09	1.65	—	1.65	1.52	—	1.52	—	9,501	9,501	0.39	0.08	—	9,534
Dust From Material Movement	—	—	—	—	—	—	5.54	5.54	—	2.67	2.67	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.42	1.19	11.5	9.28	0.02	0.45	—	0.45	0.42	—	0.42	—	2,603	2,603	0.11	0.02	—	2,612
Dust From Material Movement	—	—	—	—	—	—	1.52	1.52	—	0.73	0.73	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.26	0.22	2.11	1.69	< 0.005	0.08	—	0.08	0.08	—	0.08	—	431	431	0.02	< 0.005	—	432
Dust From Material Movement	—	—	—	—	—	—	0.28	0.28	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.24	0.19	3.35	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	901	901	0.01	0.01	2.98	906
Vendor	0.07	0.01	0.67	0.41	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	537	537	0.05	0.08	1.37	562
Hauling	0.57	0.07	4.84	3.28	0.04	0.04	0.74	0.78	0.04	0.20	0.24	—	3,145	3,145	0.47	0.51	6.23	3,314
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.24	0.26	3.08	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	851	851	0.02	0.03	0.08	862
Vendor	0.07	0.01	0.71	0.41	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	537	537	0.05	0.08	0.04	560
Hauling	0.57	0.07	5.08	3.28	0.04	0.04	0.74	0.78	0.04	0.20	0.24	—	3,145	3,145	0.47	0.50	0.16	3,307
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.06	0.82	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	234	234	< 0.005	0.01	0.35	237
Vendor	0.02	< 0.005	0.19	0.11	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	147	147	0.01	0.02	0.16	154
Hauling	0.16	0.02	1.37	0.90	0.01	0.01	0.20	0.21	0.01	0.05	0.06	—	862	862	0.13	0.14	0.74	907
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.15	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	38.7	38.7	< 0.005	< 0.005	0.06	39.3
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	24.3	24.3	< 0.005	< 0.005	0.03	25.4
Hauling	0.03	< 0.005	0.25	0.16	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	143	143	0.02	0.02	0.12	150

3.5. Phase 1c - Trenching/Utilities (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.83	0.70	5.78	10.8	0.02	0.32	—	0.32	0.30	—	0.30	—	1,775	1,775	0.07	0.01	—	1,781
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.48	0.88	< 0.005	0.03	—	0.03	0.02	—	0.02	—	146	146	0.01	< 0.005	—	146
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.2	24.2	< 0.005	< 0.005	—	24.2
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.24	0.26	3.08	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	851	851	0.02	0.03	0.08	862
Vendor	0.07	0.01	0.71	0.41	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	537	537	0.05	0.08	0.04	560
Hauling	0.06	0.01	0.51	0.33	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	314	314	0.05	0.05	0.02	331
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.02	0.02	0.02	0.25	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	70.2	70.2	< 0.005	< 0.005	0.11	71.2
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	44.1	44.1	< 0.005	0.01	0.05	46.1
Hauling	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	25.9	25.9	< 0.005	< 0.005	0.02	27.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.6	11.6	< 0.005	< 0.005	0.02	11.8
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.30	7.30	< 0.005	< 0.005	0.01	7.63
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.28	4.28	< 0.005	< 0.005	< 0.005	4.50

3.7. Phase 1d - Specialty - Water Access Ramp (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.26	1.89	16.6	22.9	0.06	0.66	—	0.66	0.60	—	0.60	—	6,097	6,097	0.25	0.05	—	6,118
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.06	0.55	0.76	< 0.005	0.02	—	0.02	0.02	—	0.02	—	203	203	0.01	< 0.005	—	204
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.01	0.01	0.10	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	33.6	33.6	< 0.005	< 0.005	—	33.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.24	0.26	3.08	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	851	851	0.02	0.03	0.08	862
Vendor	0.07	0.01	0.71	0.41	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	537	537	0.05	0.08	0.04	560
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	28.4	28.4	< 0.005	< 0.005	0.04	28.8
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	17.9	17.9	< 0.005	< 0.005	0.02	18.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.70	4.70	< 0.005	< 0.005	0.01	4.77
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.96	2.96	< 0.005	< 0.005	< 0.005	3.09
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Phase 1d - Specialty - Water Access Ramp (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.14	1.79	15.2	22.8	0.06	0.59	—	0.59	0.54	—	0.54	—	6,098	6,098	0.25	0.05	—	6,119
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	1.19	1.79	< 0.005	0.05	—	0.05	0.04	—	0.04	—	477	477	0.02	< 0.005	—	479
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.22	0.33	< 0.005	0.01	—	0.01	0.01	—	0.01	—	79.0	79.0	< 0.005	< 0.005	—	79.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.23	0.23	2.84	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	834	834	0.02	0.03	0.07	845
Vendor	0.06	0.01	0.66	0.39	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	526	526	0.05	0.08	0.03	550
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.02	0.02	0.02	0.22	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	65.5	65.5	< 0.005	< 0.005	0.09	66.4
Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	41.2	41.2	< 0.005	0.01	0.04	43.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.8	10.8	< 0.005	< 0.005	0.01	11.0
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.82	6.82	< 0.005	< 0.005	0.01	7.14
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Phase 1a - Demolition/Site Preparation	Demolition	3/15/2025	6/15/2025	5.00	65.0	—
Phase 1b - Grading/Excavation	Grading	6/15/2025	10/31/2025	5.00	100	—
Phase 1c - Trenching/Utilities	Trenching	11/1/2025	12/14/2025	5.00	30.0	—

Phase 1d - Specialty - Water Access Ramp	Trenching	12/15/2025	2/9/2026	5.00	41.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Phase 1a - Demolition/Site Preparation	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	49.0	0.73
Phase 1a - Demolition/Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	124	0.37
Phase 1a - Demolition/Site Preparation	Pumps	Diesel	Average	1.00	8.00	49.0	0.74
Phase 1a - Demolition/Site Preparation	Bore/Drill Rigs	Diesel	Average	1.00	8.00	500	0.50
Phase 1a - Demolition/Site Preparation	Forklifts	Diesel	Average	1.00	8.00	100	0.20
Phase 1a - Demolition/Site Preparation	Rubber Tired Dozers	Diesel	Average	2.00	8.00	354	0.40
Phase 1b - Grading/Excavation	Excavators	Diesel	Average	1.00	8.00	250	0.38
Phase 1b - Grading/Excavation	Graders	Diesel	Average	2.00	8.00	240	0.41
Phase 1b - Grading/Excavation	Rubber Tired Dozers	Diesel	Average	2.00	8.00	354	0.40
Phase 1b - Grading/Excavation	Other Construction Equipment	Diesel	Average	1.00	8.00	284	0.42
Phase 1b - Grading/Excavation	Rubber Tired Loaders	Diesel	Average	1.00	8.00	187	0.36

Phase 1b - Grading/Excavation	Tractors/Loaders/Back	Diesel	Average	1.00	8.00	124	0.37
Phase 1b - Grading/Excavation	Surfacing Equipment	Diesel	Average	2.00	8.00	263	0.30
Phase 1b - Grading/Excavation	Sweepers/Scrubbers	Diesel	Average	1.00	8.00	115	0.46
Phase 1c - Trenching/Utilities	Tractors/Loaders/Back hoes	Diesel	Average	2.00	8.00	124	0.37
Phase 1c - Trenching/Utilities	Excavators	Diesel	Average	1.00	8.00	158	0.38
Phase 1c - Trenching/Utilities	Trenchers	Diesel	Average	1.00	8.00	78.0	0.50
Phase 1d - Specialty - Water Access Ramp	Pumps	Diesel	Average	1.00	8.00	49.0	0.74
Phase 1d - Specialty - Water Access Ramp	Excavators	Diesel	Average	2.00	8.00	158	0.38
Phase 1d - Specialty - Water Access Ramp	Bore/Drill Rigs	Diesel	Average	1.00	8.00	500	0.50
Phase 1d - Specialty - Water Access Ramp	Forklifts	Diesel	Average	1.00	8.00	100	0.20
Phase 1d - Specialty - Water Access Ramp	Cranes	Diesel	Average	1.00	7.00	231	0.29
Phase 1d - Specialty - Water Access Ramp	Tractors/Loaders/Back hoes	Diesel	Average	2.00	8.00	124	0.37
Phase 1d - Specialty - Water Access Ramp	Surfacing Equipment	Diesel	Average	1.00	8.00	263	0.30

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Phase 1a - Demolition/Site Preparation	—	—	—	—

Phase 1a - Demolition/Site Preparation	Worker	100	12.8	LDA,LDT1,LDT2
Phase 1a - Demolition/Site Preparation	Vendor	8.00	20.0	HHDT,MHDT
Phase 1a - Demolition/Site Preparation	Hauling	6.00	20.0	HHDT
Phase 1a - Demolition/Site Preparation	Onsite truck	0.00	0.00	HHDT
Phase 1b - Grading/Excavation	—	—	—	—
Phase 1b - Grading/Excavation	Worker	100	12.8	LDA,LDT1,LDT2
Phase 1b - Grading/Excavation	Vendor	8.00	20.0	HHDT,MHDT
Phase 1b - Grading/Excavation	Hauling	40.0	20.0	HHDT
Phase 1b - Grading/Excavation	Onsite truck	0.00	0.00	HHDT
Phase 1c - Trenching/Utilities	—	—	—	—
Phase 1c - Trenching/Utilities	Worker	100	12.8	LDA,LDT1,LDT2
Phase 1c - Trenching/Utilities	Vendor	8.00	20.0	HHDT,MHDT
Phase 1c - Trenching/Utilities	Hauling	4.00	20.0	HHDT
Phase 1c - Trenching/Utilities	Onsite truck	0.00	0.00	HHDT
Phase 1d - Specialty - Water Access Ramp	—	—	—	—
Phase 1d - Specialty - Water Access Ramp	Worker	100	12.8	LDA,LDT1,LDT2
Phase 1d - Specialty - Water Access Ramp	Vendor	8.00	20.0	HHDT,MHDT
Phase 1d - Specialty - Water Access Ramp	Hauling	0.00	20.0	HHDT
Phase 1d - Specialty - Water Access Ramp	Onsite truck	0.00	0.00	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%
Sweep paved roads once per month	9%	9%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Phase 1a - Demolition/Site Preparation	0.00	0.00	0.00	1,578	—
Phase 1b - Grading/Excavation	15,625	15,625	90.0	0.00	—

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Library	0.00	0%
Parking Lot	0.25	100%

City Park	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	36,000	204	0.03	< 0.005
2026	36,000	204	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	7.57	annual days of extreme heat
Extreme Precipitation	6.10	annual days with precipitation above 20 mm
Sea Level Rise	0.50	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	10.6
AQ-PM	26.6
AQ-DPM	79.0
Drinking Water	42.7

Lead Risk Housing	59.0
Pesticides	0.00
Toxic Releases	33.9
Traffic	84.8
Effect Indicators	—
CleanUp Sites	50.3
Groundwater	94.1
Haz Waste Facilities/Generators	83.0
Impaired Water Bodies	77.3
Solid Waste	59.2
Sensitive Population	—
Asthma	11.1
Cardio-vascular	6.54
Low Birth Weights	28.8
Socioeconomic Factor Indicators	—
Education	13.1
Housing	61.9
Linguistic	30.0
Poverty	2.12
Unemployment	15.8

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	78.09572693
Employed	97.51058642
Median HI	69.74207622

Education	—
Bachelor's or higher	84.51174131
High school enrollment	13.01167715
Preschool enrollment	89.87552932
Transportation	—
Auto Access	33.77389965
Active commuting	86.84717054
Social	—
2-parent households	82.71525728
Voting	85.46131143
Neighborhood	—
Alcohol availability	21.87860901
Park access	81.35506224
Retail density	86.71885025
Supermarket access	52.05954061
Tree canopy	85.69228795
Housing	—
Homeownership	33.41460285
Housing habitability	50.35288079
Low-inc homeowner severe housing cost burden	35.60887976
Low-inc renter severe housing cost burden	63.17207751
Uncrowded housing	47.26036186
Health Outcomes	—
Insured adults	93.81496215
Arthritis	0.0
Asthma ER Admissions	80.9
High Blood Pressure	0.0
Cancer (excluding skin)	0.0

Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	82.0
Cognitively Disabled	80.8
Physically Disabled	60.6
Heart Attack ER Admissions	93.1
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	75.5
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	20.0
Children	51.6
Elderly	71.6
English Speaking	36.0
Foreign-born	53.2
Outdoor Workers	60.0
Climate Change Adaptive Capacity	—
Impervious Surface Cover	50.0

Traffic Density	81.7
Traffic Access	63.9
Other Indices	—
Hardship	5.1
Other Decision Support	—
2016 Voting	81.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	21.0
Healthy Places Index Score for Project Location (b)	90.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Project-specific construction data provided by applicant.
Construction: Trips and VMT	Project-specific construction data provided by applicant.

Construction: Off-Road Equipment	Project-specific construction data provided by applicant.
Construction: Dust From Material Movement	Project-specific construction data provided by applicant.
Construction: Electricity	Project-specific construction data provided by applicant.

410 Airport Blvd - Phase 1_Mitigated Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	410 Airport Blvd - Phase 1_Mitigated
Construction Start Date	3/15/2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	4.60
Precipitation (days)	37.8
Location	37.591553700386626, -122.34047697245035
County	San Mateo
City	Burlingame
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1238
EDFZ	1
Electric Utility	Pacific Gas & Electric Company
Gas Utility	—
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Library	14.0	1000sqft	0.32	14,000	0.00	—	—	—
Parking Lot	28.0	Space	0.25	0.00	0.00	—	—	—

City Park	8.83	Acre	8.83	0.00	384,488	384,488	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-10-A	Water Exposed Surfaces

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	10.1	7.99	76.7	72.9	0.20	2.81	17.5	20.3	2.59	7.64	10.2	—	22,322	22,322	1.32	0.87	15.9	22,632
Mit.	10.1	7.99	76.7	72.9	0.20	2.81	6.99	9.80	2.59	2.57	5.16	—	22,322	22,322	1.32	0.87	15.9	22,632
% Reduced	—	—	—	—	—	—	60%	52%	—	66%	50%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.08	4.67	48.2	40.7	0.13	1.69	16.0	17.7	1.56	7.31	8.87	—	14,069	14,069	0.93	0.69	0.27	14,299
Mit.	6.08	4.67	48.2	40.7	0.13	1.69	5.48	7.17	1.56	2.23	3.80	—	14,069	14,069	0.93	0.69	0.27	14,299
% Reduced	—	—	—	—	—	—	66%	59%	—	69%	57%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.57	2.02	19.5	18.8	0.05	0.71	4.76	5.47	0.66	2.09	2.74	—	5,853	5,853	0.35	0.25	1.90	5,939
Mit.	2.57	2.02	19.5	18.8	0.05	0.71	1.88	2.59	0.66	0.70	1.35	—	5,853	5,853	0.35	0.25	1.90	5,939

% Reduced	—	—	—	—	—	—	61%	53%	—	67%	51%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.47	0.37	3.56	3.43	0.01	0.13	0.87	1.00	0.12	0.38	0.50	—	969	969	0.06	0.04	0.31	983
Mit.	0.47	0.37	3.56	3.43	0.01	0.13	0.34	0.47	0.12	0.13	0.25	—	969	969	0.06	0.04	0.31	983
% Reduced	—	—	—	—	—	—	61%	53%	—	67%	51%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	10.1	7.99	76.7	72.9	0.20	2.81	17.5	20.3	2.59	7.64	10.2	—	22,322	22,322	1.32	0.87	15.9	22,632
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	6.08	4.67	48.2	40.7	0.13	1.69	16.0	17.7	1.56	7.31	8.87	—	14,069	14,069	0.93	0.69	0.27	14,299
2026	2.46	2.03	16.1	26.0	0.06	0.60	1.04	1.64	0.55	0.25	0.80	—	7,716	7,716	0.35	0.16	0.10	7,774
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	2.57	2.02	19.5	18.8	0.05	0.71	4.76	5.47	0.66	2.09	2.74	—	5,853	5,853	0.35	0.25	1.90	5,939
2026	0.19	0.16	1.26	2.03	< 0.005	0.05	0.08	0.13	0.04	0.02	0.06	—	604	604	0.03	0.01	0.13	609
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.47	0.37	3.56	3.43	0.01	0.13	0.87	1.00	0.12	0.38	0.50	—	969	969	0.06	0.04	0.31	983
2026	0.04	0.03	0.23	0.37	< 0.005	0.01	0.01	0.02	0.01	< 0.005	0.01	—	100	100	< 0.005	< 0.005	0.02	101

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	10.1	7.99	76.7	72.9	0.20	2.81	6.99	9.80	2.59	2.57	5.16	—	22,322	22,322	1.32	0.87	15.9	22,632
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	6.08	4.67	48.2	40.7	0.13	1.69	5.48	7.17	1.56	2.23	3.80	—	14,069	14,069	0.93	0.69	0.27	14,299
2026	2.46	2.03	16.1	26.0	0.06	0.60	1.04	1.64	0.55	0.25	0.80	—	7,716	7,716	0.35	0.16	0.10	7,774
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	2.57	2.02	19.5	18.8	0.05	0.71	1.88	2.59	0.66	0.70	1.35	—	5,853	5,853	0.35	0.25	1.90	5,939
2026	0.19	0.16	1.26	2.03	< 0.005	0.05	0.08	0.13	0.04	0.02	0.06	—	604	604	0.03	0.01	0.13	609
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.47	0.37	3.56	3.43	0.01	0.13	0.34	0.47	0.12	0.13	0.25	—	969	969	0.06	0.04	0.31	983
2026	0.04	0.03	0.23	0.37	< 0.005	0.01	0.01	0.02	0.01	< 0.005	0.01	—	100	100	< 0.005	< 0.005	0.02	101

3. Construction Emissions Details

3.1. Phase 1a - Demolition/Site Preparation (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.63	3.04	27.2	27.7	0.06	1.10	—	1.10	1.02	—	1.02	—	6,293	6,293	0.26	0.05	—	6,315

Demolition	—	—	—	—	—	—	0.36	0.36	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.63	3.04	27.2	27.7	0.06	1.10	—	1.10	1.02	—	1.02	—	6,293	6,293	0.26	0.05	—	6,315
Demolition	—	—	—	—	—	—	0.36	0.36	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.65	0.54	4.85	4.93	0.01	0.20	—	0.20	0.18	—	0.18	—	1,121	1,121	0.05	0.01	—	1,125
Demolition	—	—	—	—	—	—	0.06	0.06	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.89	0.90	< 0.005	0.04	—	0.04	0.03	—	0.03	—	186	186	0.01	< 0.005	—	186
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.24	0.19	3.35	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	901	901	0.01	0.01	2.98	906
Vendor	0.07	0.01	0.67	0.41	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	537	537	0.05	0.08	1.37	562
Hauling	0.09	0.01	0.73	0.49	0.01	0.01	0.11	0.12	0.01	0.03	0.04	—	472	472	0.07	0.08	0.93	497
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.24	0.26	3.08	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	851	851	0.02	0.03	0.08	862
Vendor	0.07	0.01	0.71	0.41	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	537	537	0.05	0.08	0.04	560
Hauling	0.09	0.01	0.76	0.49	0.01	0.01	0.11	0.12	0.01	0.03	0.04	—	472	472	0.07	0.08	0.02	496
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.53	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	152	152	< 0.005	0.01	0.23	154
Vendor	0.01	< 0.005	0.12	0.07	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	95.6	95.6	0.01	0.01	0.11	99.9
Hauling	0.02	< 0.005	0.13	0.09	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	84.0	84.0	0.01	0.01	0.07	88.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	25.2	25.2	< 0.005	< 0.005	0.04	25.5
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15.8	15.8	< 0.005	< 0.005	0.02	16.5
Hauling	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13.9	13.9	< 0.005	< 0.005	0.01	14.6

3.2. Phase 1a - Demolition/Site Preparation (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipm	3.63	3.04	27.2	27.7	0.06	1.10	—	1.10	1.02	—	1.02	—	6,293	6,293	0.26	0.05	—	6,315
Demolition	—	—	—	—	—	—	0.36	0.36	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.63	3.04	27.2	27.7	0.06	1.10	—	1.10	1.02	—	1.02	—	6,293	6,293	0.26	0.05	—	6,315
Demolition	—	—	—	—	—	—	0.36	0.36	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.65	0.54	4.85	4.93	0.01	0.20	—	0.20	0.18	—	0.18	—	1,121	1,121	0.05	0.01	—	1,125
Demolition	—	—	—	—	—	—	0.06	0.06	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.89	0.90	< 0.005	0.04	—	0.04	0.03	—	0.03	—	186	186	0.01	< 0.005	—	186
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.24	0.19	3.35	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	901	901	0.01	0.01	2.98	906
Vendor	0.07	0.01	0.67	0.41	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	537	537	0.05	0.08	1.37	562
Hauling	0.09	0.01	0.73	0.49	0.01	0.01	0.11	0.12	0.01	0.03	0.04	—	472	472	0.07	0.08	0.93	497
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.24	0.26	3.08	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	851	851	0.02	0.03	0.08	862
Vendor	0.07	0.01	0.71	0.41	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	537	537	0.05	0.08	0.04	560
Hauling	0.09	0.01	0.76	0.49	0.01	0.01	0.11	0.12	0.01	0.03	0.04	—	472	472	0.07	0.08	0.02	496
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.53	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	152	152	< 0.005	0.01	0.23	154
Vendor	0.01	< 0.005	0.12	0.07	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	95.6	95.6	0.01	0.01	0.11	99.9
Hauling	0.02	< 0.005	0.13	0.09	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	84.0	84.0	0.01	0.01	0.07	88.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	25.2	25.2	< 0.005	< 0.005	0.04	25.5
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15.8	15.8	< 0.005	< 0.005	0.02	16.5
Hauling	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13.9	13.9	< 0.005	< 0.005	0.01	14.6

3.3. Phase 1b - Grading/Excavation (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	5.17	4.34	42.1	33.9	0.09	1.65	—	1.65	1.52	—	1.52	—	9,501	9,501	0.39	0.08	—	9,534
Dust From Material Movement	—	—	—	—	—	—	14.2	14.2	—	6.85	6.85	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.17	4.34	42.1	33.9	0.09	1.65	—	1.65	1.52	—	1.52	—	9,501	9,501	0.39	0.08	—	9,534
Dust From Material Movement	—	—	—	—	—	—	14.2	14.2	—	6.85	6.85	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.42	1.19	11.5	9.28	0.02	0.45	—	0.45	0.42	—	0.42	—	2,603	2,603	0.11	0.02	—	2,612
Dust From Material Movement	—	—	—	—	—	—	3.89	3.89	—	1.88	1.88	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.26	0.22	2.11	1.69	< 0.005	0.08	—	0.08	0.08	—	0.08	—	431	431	0.02	< 0.005	—	432

Dust From Material Movement	—	—	—	—	—	—	0.71	0.71	—	0.34	0.34	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.24	0.19	3.35	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	901	901	0.01	0.01	2.98	906
Vendor	0.07	0.01	0.67	0.41	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	537	537	0.05	0.08	1.37	562
Hauling	0.57	0.07	4.84	3.28	0.04	0.04	0.74	0.78	0.04	0.20	0.24	—	3,145	3,145	0.47	0.51	6.23	3,314
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.24	0.26	3.08	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	851	851	0.02	0.03	0.08	862
Vendor	0.07	0.01	0.71	0.41	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	537	537	0.05	0.08	0.04	560
Hauling	0.57	0.07	5.08	3.28	0.04	0.04	0.74	0.78	0.04	0.20	0.24	—	3,145	3,145	0.47	0.50	0.16	3,307
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.06	0.82	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	234	234	< 0.005	0.01	0.35	237
Vendor	0.02	< 0.005	0.19	0.11	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	147	147	0.01	0.02	0.16	154
Hauling	0.16	0.02	1.37	0.90	0.01	0.01	0.20	0.21	0.01	0.05	0.06	—	862	862	0.13	0.14	0.74	907
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.15	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	38.7	38.7	< 0.005	< 0.005	0.06	39.3
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	24.3	24.3	< 0.005	< 0.005	0.03	25.4
Hauling	0.03	< 0.005	0.25	0.16	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	143	143	0.02	0.02	0.12	150

3.4. Phase 1b - Grading/Excavation (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.17	4.34	42.1	33.9	0.09	1.65	—	1.65	1.52	—	1.52	—	9,501	9,501	0.39	0.08	—	9,534
Dust From Material Movement	—	—	—	—	—	—	3.69	3.69	—	1.78	1.78	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.17	4.34	42.1	33.9	0.09	1.65	—	1.65	1.52	—	1.52	—	9,501	9,501	0.39	0.08	—	9,534
Dust From Material Movement	—	—	—	—	—	—	3.69	3.69	—	1.78	1.78	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.42	1.19	11.5	9.28	0.02	0.45	—	0.45	0.42	—	0.42	—	2,603	2,603	0.11	0.02	—	2,612
Dust From Material Movement	—	—	—	—	—	—	1.01	1.01	—	0.49	0.49	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.26	0.22	2.11	1.69	< 0.005	0.08	—	0.08	0.08	—	0.08	—	431	431	0.02	< 0.005	—	432
Dust From Material Movement	—	—	—	—	—	—	0.18	0.18	—	0.09	0.09	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.24	0.19	3.35	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	901	901	0.01	0.01	2.98	906
Vendor	0.07	0.01	0.67	0.41	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	537	537	0.05	0.08	1.37	562
Hauling	0.57	0.07	4.84	3.28	0.04	0.04	0.74	0.78	0.04	0.20	0.24	—	3,145	3,145	0.47	0.51	6.23	3,314
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.24	0.26	3.08	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	851	851	0.02	0.03	0.08	862
Vendor	0.07	0.01	0.71	0.41	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	537	537	0.05	0.08	0.04	560
Hauling	0.57	0.07	5.08	3.28	0.04	0.04	0.74	0.78	0.04	0.20	0.24	—	3,145	3,145	0.47	0.50	0.16	3,307
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.06	0.82	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	234	234	< 0.005	0.01	0.35	237
Vendor	0.02	< 0.005	0.19	0.11	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	147	147	0.01	0.02	0.16	154
Hauling	0.16	0.02	1.37	0.90	0.01	0.01	0.20	0.21	0.01	0.05	0.06	—	862	862	0.13	0.14	0.74	907
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.15	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	38.7	38.7	< 0.005	< 0.005	0.06	39.3

Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	24.3	24.3	< 0.005	< 0.005	0.03	25.4
Hauling	0.03	< 0.005	0.25	0.16	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	143	143	0.02	0.02	0.12	150

3.5. Phase 1c - Trenching/Utilities (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.83	0.70	5.78	10.8	0.02	0.32	—	0.32	0.30	—	0.30	—	1,775	1,775	0.07	0.01	—	1,781
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.48	0.88	< 0.005	0.03	—	0.03	0.02	—	0.02	—	146	146	0.01	< 0.005	—	146
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.2	24.2	< 0.005	< 0.005	—	24.2
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.24	0.26	3.08	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	851	851	0.02	0.03	0.08	862
Vendor	0.07	0.01	0.71	0.41	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	537	537	0.05	0.08	0.04	560
Hauling	0.06	0.01	0.51	0.33	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	314	314	0.05	0.05	0.02	331
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.25	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	70.2	70.2	< 0.005	< 0.005	0.11	71.2
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	44.1	44.1	< 0.005	0.01	0.05	46.1
Hauling	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	25.9	25.9	< 0.005	< 0.005	0.02	27.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.6	11.6	< 0.005	< 0.005	0.02	11.8
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.30	7.30	< 0.005	< 0.005	0.01	7.63
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.28	4.28	< 0.005	< 0.005	< 0.005	4.50

3.6. Phase 1c - Trenching/Utilities (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipm	0.83	0.70	5.78	10.8	0.02	0.32	—	0.32	0.30	—	0.30	—	1,775	1,775	0.07	0.01	—	1,781
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.48	0.88	< 0.005	0.03	—	0.03	0.02	—	0.02	—	146	146	0.01	< 0.005	—	146
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.2	24.2	< 0.005	< 0.005	—	24.2
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.24	0.26	3.08	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	851	851	0.02	0.03	0.08	862
Vendor	0.07	0.01	0.71	0.41	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	537	537	0.05	0.08	0.04	560
Hauling	0.06	0.01	0.51	0.33	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	314	314	0.05	0.05	0.02	331
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.25	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	70.2	70.2	< 0.005	< 0.005	0.11	71.2
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	44.1	44.1	< 0.005	0.01	0.05	46.1
Hauling	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	25.9	25.9	< 0.005	< 0.005	0.02	27.2

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.6	11.6	< 0.005	< 0.005	0.02	11.8
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.30	7.30	< 0.005	< 0.005	0.01	7.63
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.28	4.28	< 0.005	< 0.005	< 0.005	4.50

3.7. Phase 1d - Specialty - Water Access Ramp (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.26	1.89	16.6	22.9	0.06	0.66	—	0.66	0.60	—	0.60	—	6,097	6,097	0.25	0.05	—	6,118
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.06	0.55	0.76	< 0.005	0.02	—	0.02	0.02	—	0.02	—	203	203	0.01	< 0.005	—	204
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.10	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	33.6	33.6	< 0.005	< 0.005	—	33.7

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.24	0.26	3.08	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	851	851	0.02	0.03	0.08	862
Vendor	0.07	0.01	0.71	0.41	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	537	537	0.05	0.08	0.04	560
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	28.4	28.4	< 0.005	< 0.005	0.04	28.8
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	17.9	17.9	< 0.005	< 0.005	0.02	18.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.70	4.70	< 0.005	< 0.005	0.01	4.77
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.96	2.96	< 0.005	< 0.005	< 0.005	3.09
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Phase 1d - Specialty - Water Access Ramp (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	2.26	1.89	16.6	22.9	0.06	0.66	—	0.66	0.60	—	0.60	—	6,097	6,097	0.25	0.05	—	6,118
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.08	0.06	0.55	0.76	< 0.005	0.02	—	0.02	0.02	—	0.02	—	203	203	0.01	< 0.005	—	204
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.01	0.01	0.10	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	33.6	33.6	< 0.005	< 0.005	—	33.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.24	0.26	3.08	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	851	851	0.02	0.03	0.08	862
Vendor	0.07	0.01	0.71	0.41	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	537	537	0.05	0.08	0.04	560
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	28.4	28.4	< 0.005	< 0.005	0.04	28.8
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	17.9	17.9	< 0.005	< 0.005	0.02	18.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.70	4.70	< 0.005	< 0.005	0.01	4.77
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.96	2.96	< 0.005	< 0.005	< 0.005	3.09
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Phase 1d - Specialty - Water Access Ramp (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.14	1.79	15.2	22.8	0.06	0.59	—	0.59	0.54	—	0.54	—	6,098	6,098	0.25	0.05	—	6,119
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	1.19	1.79	< 0.005	0.05	—	0.05	0.04	—	0.04	—	477	477	0.02	< 0.005	—	479
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.22	0.33	< 0.005	0.01	—	0.01	0.01	—	0.01	—	79.0	79.0	< 0.005	< 0.005	—	79.3

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.23	0.23	2.84	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	834	834	0.02	0.03	0.07	845
Vendor	0.06	0.01	0.66	0.39	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	526	526	0.05	0.08	0.03	550
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.22	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	65.5	65.5	< 0.005	< 0.005	0.09	66.4
Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	41.2	41.2	< 0.005	0.01	0.04	43.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.8	10.8	< 0.005	< 0.005	0.01	11.0
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.82	6.82	< 0.005	< 0.005	0.01	7.14
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Phase 1d - Specialty - Water Access Ramp (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	2.14	1.79	15.2	22.8	0.06	0.59	—	0.59	0.54	—	0.54	—	6,098	6,098	0.25	0.05	—	6,119
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.17	0.14	1.19	1.79	< 0.005	0.05	—	0.05	0.04	—	0.04	—	477	477	0.02	< 0.005	—	479
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.03	0.03	0.22	0.33	< 0.005	0.01	—	0.01	0.01	—	0.01	—	79.0	79.0	< 0.005	< 0.005	—	79.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.23	0.23	2.84	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	834	834	0.02	0.03	0.07	845
Vendor	0.06	0.01	0.66	0.39	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	526	526	0.05	0.08	0.03	550
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.22	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	65.5	65.5	< 0.005	< 0.005	0.09	66.4
Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	41.2	41.2	< 0.005	0.01	0.04	43.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.8	10.8	< 0.005	< 0.005	0.01	11.0
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.82	6.82	< 0.005	< 0.005	0.01	7.14
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Remove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Phase 1a - Demolition/Site Preparation	Demolition	3/15/2025	6/15/2025	5.00	65.0	—
Phase 1b - Grading/Excavation	Grading	6/15/2025	10/31/2025	5.00	100	—
Phase 1c - Trenching/Utilities	Trenching	11/1/2025	12/14/2025	5.00	30.0	—

Phase 1d - Specialty - Water Access Ramp	Trenching	12/15/2025	2/9/2026	5.00	41.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Phase 1a - Demolition/Site Preparation	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	49.0	0.73
Phase 1a - Demolition/Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	124	0.37
Phase 1a - Demolition/Site Preparation	Pumps	Diesel	Average	1.00	8.00	49.0	0.74
Phase 1a - Demolition/Site Preparation	Bore/Drill Rigs	Diesel	Average	1.00	8.00	500	0.50
Phase 1a - Demolition/Site Preparation	Forklifts	Diesel	Average	1.00	8.00	100	0.20
Phase 1a - Demolition/Site Preparation	Rubber Tired Dozers	Diesel	Average	2.00	8.00	354	0.40
Phase 1b - Grading/Excavation	Excavators	Diesel	Average	1.00	8.00	250	0.38
Phase 1b - Grading/Excavation	Graders	Diesel	Average	2.00	8.00	240	0.41
Phase 1b - Grading/Excavation	Rubber Tired Dozers	Diesel	Average	2.00	8.00	354	0.40
Phase 1b - Grading/Excavation	Other Construction Equipment	Diesel	Average	1.00	8.00	284	0.42
Phase 1b - Grading/Excavation	Rubber Tired Loaders	Diesel	Average	1.00	8.00	187	0.36

Phase 1b - Grading/Excavation	Tractors/Loaders/Back	Diesel	Average	1.00	8.00	124	0.37
Phase 1b - Grading/Excavation	Surfacing Equipment	Diesel	Average	2.00	8.00	263	0.30
Phase 1b - Grading/Excavation	Sweepers/Scrubbers	Diesel	Average	1.00	8.00	115	0.46
Phase 1c - Trenching/Utilities	Tractors/Loaders/Back hoes	Diesel	Average	2.00	8.00	124	0.37
Phase 1c - Trenching/Utilities	Excavators	Diesel	Average	1.00	8.00	158	0.38
Phase 1c - Trenching/Utilities	Trenchers	Diesel	Average	1.00	8.00	78.0	0.50
Phase 1d - Specialty - Water Access Ramp	Pumps	Diesel	Average	1.00	8.00	49.0	0.74
Phase 1d - Specialty - Water Access Ramp	Excavators	Diesel	Average	2.00	8.00	158	0.38
Phase 1d - Specialty - Water Access Ramp	Bore/Drill Rigs	Diesel	Average	1.00	8.00	500	0.50
Phase 1d - Specialty - Water Access Ramp	Forklifts	Diesel	Average	1.00	8.00	100	0.20
Phase 1d - Specialty - Water Access Ramp	Cranes	Diesel	Average	1.00	7.00	231	0.29
Phase 1d - Specialty - Water Access Ramp	Tractors/Loaders/Back hoes	Diesel	Average	2.00	8.00	124	0.37
Phase 1d - Specialty - Water Access Ramp	Surfacing Equipment	Diesel	Average	1.00	8.00	263	0.30

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Phase 1a - Demolition/Site Preparation	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	49.0	0.73

Phase 1a - Demolition/Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	124	0.37
Phase 1a - Demolition/Site Preparation	Pumps	Diesel	Average	1.00	8.00	49.0	0.74
Phase 1a - Demolition/Site Preparation	Bore/Drill Rigs	Diesel	Average	1.00	8.00	500	0.50
Phase 1a - Demolition/Site Preparation	Forklifts	Diesel	Average	1.00	8.00	100	0.20
Phase 1a - Demolition/Site Preparation	Rubber Tired Dozers	Diesel	Average	2.00	8.00	354	0.40
Phase 1b - Grading/Excavation	Excavators	Diesel	Average	1.00	8.00	250	0.38
Phase 1b - Grading/Excavation	Graders	Diesel	Average	2.00	8.00	240	0.41
Phase 1b - Grading/Excavation	Rubber Tired Dozers	Diesel	Average	2.00	8.00	354	0.40
Phase 1b - Grading/Excavation	Other Construction Equipment	Diesel	Average	1.00	8.00	284	0.42
Phase 1b - Grading/Excavation	Rubber Tired Loaders	Diesel	Average	1.00	8.00	187	0.36
Phase 1b - Grading/Excavation	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	124	0.37
Phase 1b - Grading/Excavation	Surfacing Equipment	Diesel	Average	2.00	8.00	263	0.30
Phase 1b - Grading/Excavation	Sweepers/Scrubbers	Diesel	Average	1.00	8.00	115	0.46
Phase 1c - Trenching/Utilities	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	124	0.37
Phase 1c - Trenching/Utilities	Excavators	Diesel	Average	1.00	8.00	158	0.38

Phase 1c - Trenching/Utilities	Trenchers	Diesel	Average	1.00	8.00	78.0	0.50
Phase 1d - Specialty - Water Access Ramp	Pumps	Diesel	Average	1.00	8.00	49.0	0.74
Phase 1d - Specialty - Water Access Ramp	Excavators	Diesel	Average	2.00	8.00	158	0.38
Phase 1d - Specialty - Water Access Ramp	Bore/Drill Rigs	Diesel	Average	1.00	8.00	500	0.50
Phase 1d - Specialty - Water Access Ramp	Forklifts	Diesel	Average	1.00	8.00	100	0.20
Phase 1d - Specialty - Water Access Ramp	Cranes	Diesel	Average	1.00	7.00	231	0.29
Phase 1d - Specialty - Water Access Ramp	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	124	0.37
Phase 1d - Specialty - Water Access Ramp	Surfacing Equipment	Diesel	Average	1.00	8.00	263	0.30

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Phase 1a - Demolition/Site Preparation	—	—	—	—
Phase 1a - Demolition/Site Preparation	Worker	100	12.8	LDA,LDT1,LDT2
Phase 1a - Demolition/Site Preparation	Vendor	8.00	20.0	HHDT,MHDT
Phase 1a - Demolition/Site Preparation	Hauling	6.00	20.0	HHDT
Phase 1a - Demolition/Site Preparation	Onsite truck	0.00	0.00	HHDT
Phase 1b - Grading/Excavation	—	—	—	—
Phase 1b - Grading/Excavation	Worker	100	12.8	LDA,LDT1,LDT2

Phase 1b - Grading/Excavation	Vendor	8.00	20.0	HHDT,MHDT
Phase 1b - Grading/Excavation	Hauling	40.0	20.0	HHDT
Phase 1b - Grading/Excavation	Onsite truck	0.00	0.00	HHDT
Phase 1c - Trenching/Utilities	—	—	—	—
Phase 1c - Trenching/Utilities	Worker	100	12.8	LDA,LDT1,LDT2
Phase 1c - Trenching/Utilities	Vendor	8.00	20.0	HHDT,MHDT
Phase 1c - Trenching/Utilities	Hauling	4.00	20.0	HHDT
Phase 1c - Trenching/Utilities	Onsite truck	0.00	0.00	HHDT
Phase 1d - Specialty - Water Access Ramp	—	—	—	—
Phase 1d - Specialty - Water Access Ramp	Worker	100	12.8	LDA,LDT1,LDT2
Phase 1d - Specialty - Water Access Ramp	Vendor	8.00	20.0	HHDT,MHDT
Phase 1d - Specialty - Water Access Ramp	Hauling	0.00	20.0	HHDT
Phase 1d - Specialty - Water Access Ramp	Onsite truck	0.00	0.00	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Phase 1a - Demolition/Site Preparation	—	—	—	—
Phase 1a - Demolition/Site Preparation	Worker	100	12.8	LDA,LDT1,LDT2
Phase 1a - Demolition/Site Preparation	Vendor	8.00	20.0	HHDT,MHDT
Phase 1a - Demolition/Site Preparation	Hauling	6.00	20.0	HHDT
Phase 1a - Demolition/Site Preparation	Onsite truck	0.00	0.00	HHDT
Phase 1b - Grading/Excavation	—	—	—	—

Phase 1b - Grading/Excavation	Worker	100	12.8	LDA,LDT1,LDT2
Phase 1b - Grading/Excavation	Vendor	8.00	20.0	HHDT,MHDT
Phase 1b - Grading/Excavation	Hauling	40.0	20.0	HHDT
Phase 1b - Grading/Excavation	Onsite truck	0.00	0.00	HHDT
Phase 1c - Trenching/Utilities	—	—	—	—
Phase 1c - Trenching/Utilities	Worker	100	12.8	LDA,LDT1,LDT2
Phase 1c - Trenching/Utilities	Vendor	8.00	20.0	HHDT,MHDT
Phase 1c - Trenching/Utilities	Hauling	4.00	20.0	HHDT
Phase 1c - Trenching/Utilities	Onsite truck	0.00	0.00	HHDT
Phase 1d - Specialty - Water Access Ramp	—	—	—	—
Phase 1d - Specialty - Water Access Ramp	Worker	100	12.8	LDA,LDT1,LDT2
Phase 1d - Specialty - Water Access Ramp	Vendor	8.00	20.0	HHDT,MHDT
Phase 1d - Specialty - Water Access Ramp	Hauling	0.00	20.0	HHDT
Phase 1d - Specialty - Water Access Ramp	Onsite truck	0.00	0.00	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%
Sweep paved roads once per month	9%	9%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Phase 1a - Demolition/Site Preparation	0.00	0.00	0.00	1,578	—
Phase 1b - Grading/Excavation	15,625	15,625	90.0	0.00	—

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Library	0.00	0%
Parking Lot	0.25	100%
City Park	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	36,000	204	0.03	< 0.005
2026	36,000	204	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	7.57	annual days of extreme heat
Extreme Precipitation	6.10	annual days with precipitation above 20 mm
Sea Level Rise	0.50	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	10.6

AQ-PM	26.6
AQ-DPM	79.0
Drinking Water	42.7
Lead Risk Housing	59.0
Pesticides	0.00
Toxic Releases	33.9
Traffic	84.8
Effect Indicators	—
CleanUp Sites	50.3
Groundwater	94.1
Haz Waste Facilities/Generators	83.0
Impaired Water Bodies	77.3
Solid Waste	59.2
Sensitive Population	—
Asthma	11.1
Cardio-vascular	6.54
Low Birth Weights	28.8
Socioeconomic Factor Indicators	—
Education	13.1
Housing	61.9
Linguistic	30.0
Poverty	2.12
Unemployment	15.8

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—

Above Poverty	78.09572693
Employed	97.51058642
Median HI	69.74207622
Education	—
Bachelor's or higher	84.51174131
High school enrollment	13.01167715
Preschool enrollment	89.87552932
Transportation	—
Auto Access	33.77389965
Active commuting	86.84717054
Social	—
2-parent households	82.71525728
Voting	85.46131143
Neighborhood	—
Alcohol availability	21.87860901
Park access	81.35506224
Retail density	86.71885025
Supermarket access	52.05954061
Tree canopy	85.69228795
Housing	—
Homeownership	33.41460285
Housing habitability	50.35288079
Low-inc homeowner severe housing cost burden	35.60887976
Low-inc renter severe housing cost burden	63.17207751
Uncrowded housing	47.26036186
Health Outcomes	—
Insured adults	93.81496215
Arthritis	0.0

Asthma ER Admissions	80.9
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	82.0
Cognitively Disabled	80.8
Physically Disabled	60.6
Heart Attack ER Admissions	93.1
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	75.5
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	20.0
Children	51.6
Elderly	71.6
English Speaking	36.0
Foreign-born	53.2

Outdoor Workers	60.0
Climate Change Adaptive Capacity	—
Impervious Surface Cover	50.0
Traffic Density	81.7
Traffic Access	63.9
Other Indices	—
Hardship	5.1
Other Decision Support	—
2016 Voting	81.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	21.0
Healthy Places Index Score for Project Location (b)	90.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Project-specific construction data provided by applicant.
Construction: Trips and VMT	Project-specific construction data provided by applicant.
Construction: Off-Road Equipment	Project-specific construction data provided by applicant.
Construction: Dust From Material Movement	Project-specific construction data provided by applicant.
Construction: Electricity	Project-specific construction data provided by applicant.

410 Airport Blvd - Phase 2 Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	410 Airport Blvd - Phase 2
Construction Start Date	2/10/2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	4.60
Precipitation (days)	37.8
Location	37.591553700386626, -122.34047697245035
County	San Mateo
City	Burlingame
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1238
EDFZ	1
Electric Utility	Pacific Gas & Electric Company
Gas Utility	—
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Library	14.0	1000sqft	0.32	14,000	0.00	—	—	—
Parking Lot	28.0	Space	0.25	0.00	0.00	—	—	—

City Park	8.83	Acre	8.83	0.00	384,488	384,488	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.30	4.04	39.0	40.7	0.10	1.40	5.48	6.88	1.29	2.23	3.53	—	12,321	12,321	0.84	0.63	10.9	12,540
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.29	4.04	39.4	40.4	0.10	1.40	5.48	6.88	1.29	2.23	3.53	—	12,272	12,272	0.84	0.66	0.27	12,490
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.54	1.13	11.2	12.7	0.03	0.35	1.66	2.01	0.33	0.56	0.88	—	4,623	4,623	0.30	0.33	2.64	4,731
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.28	0.21	2.04	2.32	0.01	0.06	0.30	0.37	0.06	0.10	0.16	—	765	765	0.05	0.05	0.44	783

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2026	5.30	4.04	39.0	40.7	0.10	1.40	5.48	6.88	1.29	2.23	3.53	—	12,321	12,321	0.84	0.63	10.9	12,540
2027	0.83	0.69	3.83	13.2	0.02	0.15	1.08	1.23	0.13	0.26	0.39	—	3,250	3,250	0.15	0.11	3.75	3,291
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	5.29	4.04	39.4	40.4	0.10	1.40	5.48	6.88	1.29	2.23	3.53	—	12,272	12,272	0.84	0.66	0.27	12,490
2027	0.83	0.68	3.91	12.9	0.02	0.15	1.08	1.23	0.13	0.26	0.39	—	3,202	3,202	0.15	0.11	0.10	3,240
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.54	1.13	11.2	12.7	0.03	0.35	1.66	2.01	0.33	0.56	0.88	—	4,623	4,623	0.30	0.33	2.64	4,731
2027	0.23	0.19	1.13	3.61	0.01	0.04	0.33	0.37	0.04	0.08	0.11	—	926	926	0.04	0.03	0.50	937
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.28	0.21	2.04	2.32	0.01	0.06	0.30	0.37	0.06	0.10	0.16	—	765	765	0.05	0.05	0.44	783
2027	0.04	0.04	0.21	0.66	< 0.005	0.01	0.06	0.07	0.01	0.01	0.02	—	153	153	0.01	0.01	0.08	155

3. Construction Emissions Details

3.1. Phase 2a - Grading/Excavation (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.44	3.73	33.6	33.9	0.07	1.36	—	1.36	1.25	—	1.25	—	7,805	7,805	0.32	0.06	—	7,832
Dust From Material Movement	—	—	—	—	—	—	3.69	3.69	—	1.78	1.78	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.44	3.73	33.6	33.9	0.07	1.36	—	1.36	1.25	—	1.25	—	7,805	7,805	0.32	0.06	—	7,832
Dust From Material Movement	—	—	—	—	—	—	3.69	3.69	—	1.78	1.78	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.73	0.61	5.53	5.58	0.01	0.22	—	0.22	0.21	—	0.21	—	1,283	1,283	0.05	0.01	—	1,287
Dust From Material Movement	—	—	—	—	—	—	0.61	0.61	—	0.29	0.29	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.11	1.01	1.02	< 0.005	0.04	—	0.04	0.04	—	0.04	—	212	212	0.01	< 0.005	—	213
Dust From Material Movement	—	—	—	—	—	—	0.11	0.11	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.23	0.19	3.11	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	883	883	0.01	0.01	2.63	887
Vendor	0.06	0.01	0.63	0.39	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	526	526	0.05	0.08	1.27	551
Hauling	0.53	0.07	4.60	3.25	0.02	0.04	0.74	0.78	0.04	0.20	0.24	—	3,075	3,075	0.46	0.49	5.93	3,237
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.23	0.23	2.84	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	834	834	0.02	0.03	0.07	845
Vendor	0.06	0.01	0.66	0.39	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	526	526	0.05	0.08	0.03	550
Hauling	0.53	0.07	4.84	3.25	0.02	0.04	0.74	0.78	0.04	0.20	0.24	—	3,075	3,075	0.46	0.49	0.15	3,231
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.45	0.00	0.00	0.15	0.15	0.00	0.03	0.03	—	138	138	< 0.005	0.01	0.19	139
Vendor	0.01	< 0.005	0.11	0.06	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	86.5	86.5	0.01	0.01	0.09	90.5
Hauling	0.09	0.01	0.78	0.53	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	505	505	0.07	0.08	0.42	532
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	22.8	22.8	< 0.005	< 0.005	0.03	23.1
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	14.3	14.3	< 0.005	< 0.005	0.01	15.0
Hauling	0.02	< 0.005	0.14	0.10	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	83.7	83.7	0.01	0.01	0.07	88.0

3.3. Phase 2b - Site - Piled Foundations (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.82	0.69	5.86	8.94	0.02	0.20	—	0.20	0.18	—	0.18	—	2,132	2,132	0.09	0.02	—	2,140
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.48	0.73	< 0.005	0.02	—	0.02	0.02	—	0.02	—	175	175	0.01	< 0.005	—	176
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	29.0	29.0	< 0.005	< 0.005	—	29.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.23	0.19	3.11	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	883	883	0.01	0.01	2.63	887
Vendor	0.35	0.08	3.46	2.16	0.02	0.04	0.76	0.80	0.04	0.20	0.24	—	2,896	2,896	0.25	0.42	6.96	3,033
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.23	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	68.8	68.8	< 0.005	< 0.005	0.09	69.7

Vendor	0.03	0.01	0.29	0.18	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	238	238	0.02	0.03	0.25	249
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.4	11.4	< 0.005	< 0.005	0.02	11.5
Vendor	0.01	< 0.005	0.05	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	39.4	39.4	< 0.005	0.01	0.04	41.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Phase 2c - Building - Foundation (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.74	0.62	5.35	7.82	0.02	0.17	—	0.17	0.16	—	0.16	—	1,946	1,946	0.08	0.02	—	1,953
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.44	0.64	< 0.005	0.01	—	0.01	0.01	—	0.01	—	160	160	0.01	< 0.005	—	161
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.01	0.01	0.08	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	26.5	26.5	< 0.005	< 0.005	—	26.6
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.23	0.19	3.11	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	883	883	0.01	0.01	2.63	887
Vendor	0.41	0.09	4.09	2.55	0.02	0.05	0.90	0.94	0.05	0.24	0.29	—	3,422	3,422	0.30	0.49	8.23	3,584
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.23	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	68.8	68.8	< 0.005	< 0.005	0.09	69.7
Vendor	0.03	0.01	0.35	0.21	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	281	281	0.02	0.04	0.29	294
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.4	11.4	< 0.005	< 0.005	0.02	11.5
Vendor	0.01	< 0.005	0.06	0.04	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	46.6	46.6	< 0.005	0.01	0.05	48.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Phase 2d - Paving and Sidewalks (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.93	0.78	7.50	8.39	0.02	0.28	—	0.28	0.26	—	0.26	—	1,772	1,772	0.07	0.01	—	1,778
Paving	0.05	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.93	0.78	7.50	8.39	0.02	0.28	—	0.28	0.26	—	0.26	—	1,772	1,772	0.07	0.01	—	1,778
Paving	0.05	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.23	0.19	1.85	2.07	< 0.005	0.07	—	0.07	0.06	—	0.06	—	437	437	0.02	< 0.005	—	438
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.04	0.03	0.34	0.38	< 0.005	0.01	—	0.01	0.01	—	0.01	—	72.3	72.3	< 0.005	< 0.005	—	72.6
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.23	0.19	3.11	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	883	883	0.01	0.01	2.63	887
Vendor	0.38	0.08	3.77	2.35	0.02	0.04	0.83	0.87	0.04	0.22	0.26	—	3,159	3,159	0.28	0.45	7.60	3,308
Hauling	0.03	< 0.005	0.23	0.16	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	154	154	0.02	0.02	0.30	162
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.23	0.23	2.84	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	834	834	0.02	0.03	0.07	845
Vendor	0.38	0.08	3.97	2.36	0.02	0.04	0.83	0.87	0.04	0.22	0.26	—	3,159	3,159	0.28	0.45	0.20	3,301
Hauling	0.03	< 0.005	0.24	0.16	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	154	154	0.02	0.02	0.01	162
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.06	0.68	0.00	0.00	0.22	0.22	0.00	0.05	0.05	—	206	206	< 0.005	0.01	0.28	209
Vendor	0.09	0.02	0.96	0.58	0.01	0.01	0.20	0.21	0.01	0.05	0.06	—	779	779	0.07	0.11	0.81	815
Hauling	0.01	< 0.005	0.06	0.04	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	37.9	37.9	0.01	0.01	0.03	39.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.12	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	34.1	34.1	< 0.005	< 0.005	0.05	34.6
Vendor	0.02	< 0.005	0.18	0.11	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	129	129	0.01	0.02	0.13	135
Hauling	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.28	6.28	< 0.005	< 0.005	0.01	6.60

3.9. Phase 2e - Site - Electrical and Lighting (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.27	0.23	2.14	5.43	0.01	0.07	—	0.07	0.07	—	0.07	—	923	923	0.04	0.01	—	926
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.13	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	56.0	56.0	< 0.005	< 0.005	—	56.2
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.27	9.27	< 0.005	< 0.005	—	9.30
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.23	0.23	2.84	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	834	834	0.02	0.03	0.07	845
Vendor	0.06	0.01	0.66	0.39	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	526	526	0.05	0.08	0.03	550
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.02	0.01	0.01	0.17	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	50.7	50.7	< 0.005	< 0.005	0.07	51.5
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	31.9	31.9	< 0.005	< 0.005	0.03	33.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.40	8.40	< 0.005	< 0.005	0.01	8.52
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.29	5.29	< 0.005	< 0.005	0.01	5.53
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Phase 2e - Site - Electrical and Lighting (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.27	0.22	2.04	5.45	0.01	0.07	—	0.07	0.06	—	0.06	—	923	923	0.04	0.01	—	926
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.02	0.21	0.57	< 0.005	0.01	—	0.01	0.01	—	0.01	—	95.7	95.7	< 0.005	< 0.005	—	96.0
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.01	< 0.005	0.04	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.8	15.8	< 0.005	< 0.005	—	15.9
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.22	0.20	2.67	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	818	818	0.02	0.01	0.06	821
Vendor	0.06	0.01	0.62	0.38	< 0.005	0.01	0.14	0.14	< 0.005	0.04	0.04	—	515	515	0.05	0.07	0.03	537
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.27	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	85.1	85.1	< 0.005	< 0.005	0.10	85.5
Vendor	0.01	< 0.005	0.06	0.04	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	53.4	53.4	< 0.005	0.01	0.05	55.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.1	14.1	< 0.005	< 0.005	0.02	14.2
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.84	8.84	< 0.005	< 0.005	0.01	9.24
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Phase 2f - Site - Landscaping (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.54	0.45	2.94	9.78	0.02	0.14	—	0.14	0.13	—	0.13	—	1,677	1,677	0.07	0.01	—	1,683
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.54	0.45	2.94	9.78	0.02	0.14	—	0.14	0.13	—	0.13	—	1,677	1,677	0.07	0.01	—	1,683
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.11	0.10	0.63	2.09	< 0.005	0.03	—	0.03	0.03	—	0.03	—	358	358	0.01	< 0.005	—	360
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.02	0.02	0.11	0.38	< 0.005	0.01	—	0.01	0.01	—	0.01	—	59.3	59.3	< 0.005	< 0.005	—	59.5
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.22	0.16	2.91	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	866	866	0.01	0.01	2.31	871
Vendor	0.07	0.02	0.74	0.47	< 0.005	0.01	0.17	0.18	< 0.005	0.05	0.05	—	644	644	0.06	0.09	1.44	673
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.22	0.20	2.67	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	818	818	0.02	0.01	0.06	821
Vendor	0.07	0.02	0.78	0.47	< 0.005	0.01	0.17	0.18	< 0.005	0.05	0.05	—	644	644	0.06	0.09	0.04	672
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.55	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	175	175	< 0.005	< 0.005	0.21	176
Vendor	0.02	< 0.005	0.16	0.10	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	0.13	144
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	29.0	29.0	< 0.005	< 0.005	0.04	29.2
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	22.8	22.8	< 0.005	< 0.005	0.02	23.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Phase 2a - Grading/Excavation	Grading	2/10/2026	5/4/2026	5.00	60.0	—
Phase 2b - Site - Piled Foundations	Building Construction	5/5/2026	6/15/2026	5.00	30.0	—
Phase 2c - Building - Foundation	Building Construction	6/16/2026	7/27/2026	5.00	30.0	—
Phase 2d - Paving and Sidewalks	Paving	7/28/2026	11/30/2026	5.00	90.0	—
Phase 2e - Site - Electrical and Lighting	Trenching	12/1/2026	2/22/2027	5.00	60.0	—
Phase 2f - Site - Landscaping	Trenching	2/23/2027	6/10/2027	5.00	78.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Phase 2a - Grading/Excavation	Excavators	Diesel	Average	1.00	8.00	158	0.38
Phase 2a - Grading/Excavation	Graders	Diesel	Average	2.00	8.00	240	0.41
Phase 2a - Grading/Excavation	Rubber Tired Dozers	Diesel	Average	2.00	8.00	354	0.40
Phase 2a - Grading/Excavation	Other Construction Equipment	Diesel	Average	1.00	8.00	284	0.42
Phase 2a - Grading/Excavation	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	124	0.37
Phase 2a - Grading/Excavation	Pumps	Diesel	Average	1.00	8.00	49.0	0.74
Phase 2b - Site - Piled Foundations	Excavators	Diesel	Average	1.00	8.00	158	0.38

Phase 2b - Site - Piled Foundations	Forklifts	Diesel	Average	1.00	8.00	100	0.20
Phase 2b - Site - Piled Foundations	Bore/Drill Rigs	Diesel	Average	1.00	8.00	221	0.50
Phase 2b - Site - Piled Foundations	Pumps	Diesel	Average	1.00	8.00	49.0	0.74
Phase 2c - Building - Foundation	Excavators	Diesel	Average	1.00	8.00	158	0.38
Phase 2c - Building - Foundation	Bore/Drill Rigs	Diesel	Average	1.00	8.00	221	0.50
Phase 2c - Building - Foundation	Pumps	Diesel	Average	1.00	8.00	49.0	0.74
Phase 2d - Paving and Sidewalks	Pavers	Diesel	Average	1.00	6.00	132	0.42
Phase 2d - Paving and Sidewalks	Rollers	Diesel	Average	2.00	6.00	80.0	0.38
Phase 2d - Paving and Sidewalks	Pumps	Diesel	Average	1.00	6.00	49.0	0.74
Phase 2d - Paving and Sidewalks	Graders	Diesel	Average	1.00	6.00	240	0.41
Phase 2e - Site - Electrical and Lighting	Excavators	Diesel	Average	2.00	4.00	158	0.38
Phase 2e - Site - Electrical and Lighting	Aerial Lifts	Diesel	Average	2.00	8.00	63.0	0.31
Phase 2f - Site - Landscaping	Excavators	Diesel	Average	4.00	6.00	158	0.38

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Phase 2a - Grading/Excavation	—	—	—	—
Phase 2a - Grading/Excavation	Worker	100	12.8	LDA,LDT1,LDT2

Phase 2a - Grading/Excavation	Vendor	8.00	20.0	HHDT,MHDT
Phase 2a - Grading/Excavation	Hauling	40.0	20.0	HHDT
Phase 2a - Grading/Excavation	Onsite truck	0.00	0.00	HHDT
Phase 2b - Site - Piled Foundations	—	—	—	—
Phase 2b - Site - Piled Foundations	Worker	100	12.8	LDA,LDT1,LDT2
Phase 2b - Site - Piled Foundations	Vendor	44.0	20.0	HHDT,MHDT
Phase 2b - Site - Piled Foundations	Hauling	0.00	20.0	HHDT
Phase 2b - Site - Piled Foundations	Onsite truck	0.00	0.00	HHDT
Phase 2c - Building - Foundation	—	—	—	—
Phase 2c - Building - Foundation	Worker	100	12.8	LDA,LDT1,LDT2
Phase 2c - Building - Foundation	Vendor	52.0	20.0	HHDT,MHDT
Phase 2c - Building - Foundation	Hauling	0.00	20.0	HHDT
Phase 2c - Building - Foundation	Onsite truck	0.00	0.00	HHDT
Phase 2d - Paving and Sidewalks	—	—	—	—
Phase 2d - Paving and Sidewalks	Worker	100	12.8	LDA,LDT1,LDT2
Phase 2d - Paving and Sidewalks	Vendor	48.0	20.0	HHDT,MHDT
Phase 2d - Paving and Sidewalks	Hauling	2.00	20.0	HHDT
Phase 2d - Paving and Sidewalks	Onsite truck	0.00	0.00	HHDT
Phase 2e - Site - Electrical and Lighting	—	—	—	—
Phase 2e - Site - Electrical and Lighting	Worker	100	12.8	LDA,LDT1,LDT2
Phase 2e - Site - Electrical and Lighting	Vendor	8.00	20.0	HHDT,MHDT
Phase 2e - Site - Electrical and Lighting	Hauling	0.00	20.0	HHDT
Phase 2e - Site - Electrical and Lighting	Onsite truck	0.00	0.00	HHDT
Phase 2f - Site - Landscaping	—	—	—	—
Phase 2f - Site - Landscaping	Worker	100	12.8	LDA,LDT1,LDT2

Phase 2f - Site - Landscaping	Vendor	10.0	20.0	HHDT,MHDT
Phase 2f - Site - Landscaping	Hauling	0.00	20.0	HHDT
Phase 2f - Site - Landscaping	Onsite truck	0.00	0.00	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%
Sweep paved roads once per month	9%	9%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Phase 2a - Grading/Excavation	9,375	9,375	90.0	0.00	—
Phase 2d - Paving and Sidewalks	0.00	0.00	0.00	0.00	1.60

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Library	0.00	0%
Parking Lot	1.60	100%
City Park	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	36,000	204	0.03	< 0.005
2027	36,000	204	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	7.57	annual days of extreme heat
Extreme Precipitation	6.10	annual days with precipitation above 20 mm
Sea Level Rise	0.50	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A

Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	10.6
AQ-PM	26.6
AQ-DPM	79.0
Drinking Water	42.7
Lead Risk Housing	59.0
Pesticides	0.00
Toxic Releases	33.9
Traffic	84.8
Effect Indicators	—
CleanUp Sites	50.3
Groundwater	94.1
Haz Waste Facilities/Generators	83.0
Impaired Water Bodies	77.3
Solid Waste	59.2
Sensitive Population	—
Asthma	11.1
Cardio-vascular	6.54
Low Birth Weights	28.8
Socioeconomic Factor Indicators	—
Education	13.1
Housing	61.9
Linguistic	30.0
Poverty	2.12
Unemployment	15.8

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	78.09572693
Employed	97.51058642
Median HI	69.74207622
Education	—
Bachelor's or higher	84.51174131
High school enrollment	13.01167715
Preschool enrollment	89.87552932
Transportation	—
Auto Access	33.77389965
Active commuting	86.84717054
Social	—
2-parent households	82.71525728
Voting	85.46131143
Neighborhood	—
Alcohol availability	21.87860901
Park access	81.35506224
Retail density	86.71885025
Supermarket access	52.05954061
Tree canopy	85.69228795
Housing	—
Homeownership	33.41460285
Housing habitability	50.35288079
Low-inc homeowner severe housing cost burden	35.60887976
Low-inc renter severe housing cost burden	63.17207751
Uncrowded housing	47.26036186
Health Outcomes	—

Insured adults	93.81496215
Arthritis	0.0
Asthma ER Admissions	80.9
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	82.0
Cognitively Disabled	80.8
Physically Disabled	60.6
Heart Attack ER Admissions	93.1
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	75.5
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	20.0
Children	51.6
Elderly	71.6

English Speaking	36.0
Foreign-born	53.2
Outdoor Workers	60.0
Climate Change Adaptive Capacity	—
Impervious Surface Cover	50.0
Traffic Density	81.7
Traffic Access	63.9
Other Indices	—
Hardship	5.1
Other Decision Support	—
2016 Voting	81.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	21.0
Healthy Places Index Score for Project Location (b)	90.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Project-specific construction data provided by applicant.
Construction: Trips and VMT	Project-specific construction data provided by applicant.
Construction: Off-Road Equipment	Project-specific construction data provided by applicant.
Construction: Dust From Material Movement	Project-specific construction data provided by applicant.
Construction: Paving	Project-specific construction data provided by applicant.
Construction: Electricity	Project-specific construction data provided by applicant.

410 Airport Blvd - Phase 2_Mitigated Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	410 Airport Blvd - Phase 2_Mitigated
Construction Start Date	2/10/2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	4.60
Precipitation (days)	37.8
Location	37.591553700386626, -122.34047697245035
County	San Mateo
City	Burlingame
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1238
EDFZ	1
Electric Utility	Pacific Gas & Electric Company
Gas Utility	—
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Library	14.0	1000sqft	0.32	14,000	0.00	—	—	—
Parking Lot	28.0	Space	0.25	0.00	0.00	—	—	—

City Park	8.83	Acre	8.83	0.00	384,488	384,488	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-10-A	Water Exposed Surfaces

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.30	4.04	39.0	40.7	0.10	1.40	16.0	17.4	1.29	7.31	8.60	—	12,321	12,321	0.84	0.63	10.9	12,540
Mit.	5.30	4.04	39.0	40.7	0.10	1.40	5.48	6.88	1.29	2.23	3.53	—	12,321	12,321	0.84	0.63	10.9	12,540
% Reduced	—	—	—	—	—	—	66%	60%	—	69%	59%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.29	4.04	39.4	40.4	0.10	1.40	16.0	17.4	1.29	7.31	8.60	—	12,272	12,272	0.84	0.66	0.27	12,490
Mit.	5.29	4.04	39.4	40.4	0.10	1.40	5.48	6.88	1.29	2.23	3.53	—	12,272	12,272	0.84	0.66	0.27	12,490
% Reduced	—	—	—	—	—	—	66%	60%	—	69%	59%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.54	1.13	11.2	12.7	0.03	0.35	3.39	3.74	0.33	1.39	1.72	—	4,623	4,623	0.30	0.33	2.64	4,731
Mit.	1.54	1.13	11.2	12.7	0.03	0.35	1.66	2.01	0.33	0.56	0.88	—	4,623	4,623	0.30	0.33	2.64	4,731

% Reduced	—	—	—	—	—	—	51%	46%	—	60%	49%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.28	0.21	2.04	2.32	0.01	0.06	0.62	0.68	0.06	0.25	0.31	—	765	765	0.05	0.05	0.44	783
Mit.	0.28	0.21	2.04	2.32	0.01	0.06	0.30	0.37	0.06	0.10	0.16	—	765	765	0.05	0.05	0.44	783
% Reduced	—	—	—	—	—	—	51%	46%	—	60%	49%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	5.30	4.04	39.0	40.7	0.10	1.40	16.0	17.4	1.29	7.31	8.60	—	12,321	12,321	0.84	0.63	10.9	12,540
2027	0.83	0.69	3.83	13.2	0.02	0.15	1.08	1.23	0.13	0.26	0.39	—	3,250	3,250	0.15	0.11	3.75	3,291
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	5.29	4.04	39.4	40.4	0.10	1.40	16.0	17.4	1.29	7.31	8.60	—	12,272	12,272	0.84	0.66	0.27	12,490
2027	0.83	0.68	3.91	12.9	0.02	0.15	1.08	1.23	0.13	0.26	0.39	—	3,202	3,202	0.15	0.11	0.10	3,240
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.54	1.13	11.2	12.7	0.03	0.35	3.39	3.74	0.33	1.39	1.72	—	4,623	4,623	0.30	0.33	2.64	4,731
2027	0.23	0.19	1.13	3.61	0.01	0.04	0.33	0.37	0.04	0.08	0.11	—	926	926	0.04	0.03	0.50	937
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.28	0.21	2.04	2.32	0.01	0.06	0.62	0.68	0.06	0.25	0.31	—	765	765	0.05	0.05	0.44	783
2027	0.04	0.04	0.21	0.66	< 0.005	0.01	0.06	0.07	0.01	0.01	0.02	—	153	153	0.01	0.01	0.08	155

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	5.30	4.04	39.0	40.7	0.10	1.40	5.48	6.88	1.29	2.23	3.53	—	12,321	12,321	0.84	0.63	10.9	12,540
2027	0.83	0.69	3.83	13.2	0.02	0.15	1.08	1.23	0.13	0.26	0.39	—	3,250	3,250	0.15	0.11	3.75	3,291
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	5.29	4.04	39.4	40.4	0.10	1.40	5.48	6.88	1.29	2.23	3.53	—	12,272	12,272	0.84	0.66	0.27	12,490
2027	0.83	0.68	3.91	12.9	0.02	0.15	1.08	1.23	0.13	0.26	0.39	—	3,202	3,202	0.15	0.11	0.10	3,240
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.54	1.13	11.2	12.7	0.03	0.35	1.66	2.01	0.33	0.56	0.88	—	4,623	4,623	0.30	0.33	2.64	4,731
2027	0.23	0.19	1.13	3.61	0.01	0.04	0.33	0.37	0.04	0.08	0.11	—	926	926	0.04	0.03	0.50	937
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.28	0.21	2.04	2.32	0.01	0.06	0.30	0.37	0.06	0.10	0.16	—	765	765	0.05	0.05	0.44	783
2027	0.04	0.04	0.21	0.66	< 0.005	0.01	0.06	0.07	0.01	0.01	0.02	—	153	153	0.01	0.01	0.08	155

3. Construction Emissions Details

3.1. Phase 2a - Grading/Excavation (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	4.44	3.73	33.6	33.9	0.07	1.36	—	1.36	1.25	—	1.25	—	7,805	7,805	0.32	0.06	—	7,832
Dust From Material Movement	—	—	—	—	—	—	14.2	14.2	—	6.85	6.85	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	4.44	3.73	33.6	33.9	0.07	1.36	—	1.36	1.25	—	1.25	—	7,805	7,805	0.32	0.06	—	7,832
Dust From Material Movement	—	—	—	—	—	—	14.2	14.2	—	6.85	6.85	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.73	0.61	5.53	5.58	0.01	0.22	—	0.22	0.21	—	0.21	—	1,283	1,283	0.05	0.01	—	1,287
Dust From Material Movement	—	—	—	—	—	—	2.33	2.33	—	1.13	1.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.13	0.11	1.01	1.02	< 0.005	0.04	—	0.04	0.04	—	0.04	—	212	212	0.01	< 0.005	—	213

Dust From Material Movement	—	—	—	—	—	—	0.43	0.43	—	0.21	0.21	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.23	0.19	3.11	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	883	883	0.01	0.01	2.63	887
Vendor	0.06	0.01	0.63	0.39	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	526	526	0.05	0.08	1.27	551
Hauling	0.53	0.07	4.60	3.25	0.02	0.04	0.74	0.78	0.04	0.20	0.24	—	3,075	3,075	0.46	0.49	5.93	3,237
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.23	0.23	2.84	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	834	834	0.02	0.03	0.07	845
Vendor	0.06	0.01	0.66	0.39	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	526	526	0.05	0.08	0.03	550
Hauling	0.53	0.07	4.84	3.25	0.02	0.04	0.74	0.78	0.04	0.20	0.24	—	3,075	3,075	0.46	0.49	0.15	3,231
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.45	0.00	0.00	0.15	0.15	0.00	0.03	0.03	—	138	138	< 0.005	0.01	0.19	139
Vendor	0.01	< 0.005	0.11	0.06	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	86.5	86.5	0.01	0.01	0.09	90.5
Hauling	0.09	0.01	0.78	0.53	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	505	505	0.07	0.08	0.42	532
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	22.8	22.8	< 0.005	< 0.005	0.03	23.1
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	14.3	14.3	< 0.005	< 0.005	0.01	15.0
Hauling	0.02	< 0.005	0.14	0.10	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	83.7	83.7	0.01	0.01	0.07	88.0

3.2. Phase 2a - Grading/Excavation (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.44	3.73	33.6	33.9	0.07	1.36	—	1.36	1.25	—	1.25	—	7,805	7,805	0.32	0.06	—	7,832
Dust From Material Movement	—	—	—	—	—	—	3.69	3.69	—	1.78	1.78	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.44	3.73	33.6	33.9	0.07	1.36	—	1.36	1.25	—	1.25	—	7,805	7,805	0.32	0.06	—	7,832
Dust From Material Movement	—	—	—	—	—	—	3.69	3.69	—	1.78	1.78	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.73	0.61	5.53	5.58	0.01	0.22	—	0.22	0.21	—	0.21	—	1,283	1,283	0.05	0.01	—	1,287
Dust From Material Movement	—	—	—	—	—	—	0.61	0.61	—	0.29	0.29	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.11	1.01	1.02	< 0.005	0.04	—	0.04	0.04	—	0.04	—	212	212	0.01	< 0.005	—	213
Dust From Material Movement	—	—	—	—	—	—	0.11	0.11	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.23	0.19	3.11	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	883	883	0.01	0.01	2.63	887
Vendor	0.06	0.01	0.63	0.39	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	526	526	0.05	0.08	1.27	551
Hauling	0.53	0.07	4.60	3.25	0.02	0.04	0.74	0.78	0.04	0.20	0.24	—	3,075	3,075	0.46	0.49	5.93	3,237
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.23	0.23	2.84	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	834	834	0.02	0.03	0.07	845
Vendor	0.06	0.01	0.66	0.39	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	526	526	0.05	0.08	0.03	550
Hauling	0.53	0.07	4.84	3.25	0.02	0.04	0.74	0.78	0.04	0.20	0.24	—	3,075	3,075	0.46	0.49	0.15	3,231
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.45	0.00	0.00	0.15	0.15	0.00	0.03	0.03	—	138	138	< 0.005	0.01	0.19	139
Vendor	0.01	< 0.005	0.11	0.06	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	86.5	86.5	0.01	0.01	0.09	90.5
Hauling	0.09	0.01	0.78	0.53	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	505	505	0.07	0.08	0.42	532
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	22.8	22.8	< 0.005	< 0.005	0.03	23.1

Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	14.3	14.3	< 0.005	< 0.005	0.01	15.0
Hauling	0.02	< 0.005	0.14	0.10	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	83.7	83.7	0.01	0.01	0.07	88.0

3.3. Phase 2b - Site - Piled Foundations (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.82	0.69	5.86	8.94	0.02	0.20	—	0.20	0.18	—	0.18	—	2,132	2,132	0.09	0.02	—	2,140
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.48	0.73	< 0.005	0.02	—	0.02	0.02	—	0.02	—	175	175	0.01	< 0.005	—	176
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	29.0	29.0	< 0.005	< 0.005	—	29.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.23	0.19	3.11	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	883	883	0.01	0.01	2.63	887
Vendor	0.35	0.08	3.46	2.16	0.02	0.04	0.76	0.80	0.04	0.20	0.24	—	2,896	2,896	0.25	0.42	6.96	3,033
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.23	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	68.8	68.8	< 0.005	< 0.005	0.09	69.7
Vendor	0.03	0.01	0.29	0.18	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	238	238	0.02	0.03	0.25	249
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.4	11.4	< 0.005	< 0.005	0.02	11.5
Vendor	0.01	< 0.005	0.05	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	39.4	39.4	< 0.005	0.01	0.04	41.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Phase 2b - Site - Piled Foundations (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.82	0.69	5.86	8.94	0.02	0.20	—	0.20	0.18	—	0.18	—	2,132	2,132	0.09	0.02	—	2,140

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.48	0.73	< 0.005	0.02	—	0.02	0.02	—	0.02	—	175	175	0.01	< 0.005	—	176
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	29.0	29.0	< 0.005	< 0.005	—	29.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.23	0.19	3.11	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	883	883	0.01	0.01	2.63	887
Vendor	0.35	0.08	3.46	2.16	0.02	0.04	0.76	0.80	0.04	0.20	0.24	—	2,896	2,896	0.25	0.42	6.96	3,033
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.23	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	68.8	68.8	< 0.005	< 0.005	0.09	69.7
Vendor	0.03	0.01	0.29	0.18	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	238	238	0.02	0.03	0.25	249
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.4	11.4	< 0.005	< 0.005	0.02	11.5
Vendor	0.01	< 0.005	0.05	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	39.4	39.4	< 0.005	0.01	0.04	41.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Phase 2c - Building - Foundation (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.74	0.62	5.35	7.82	0.02	0.17	—	0.17	0.16	—	0.16	—	1,946	1,946	0.08	0.02	—	1,953
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.44	0.64	< 0.005	0.01	—	0.01	0.01	—	0.01	—	160	160	0.01	< 0.005	—	161
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	26.5	26.5	< 0.005	< 0.005	—	26.6

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.23	0.19	3.11	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	883	883	0.01	0.01	2.63	887
Vendor	0.41	0.09	4.09	2.55	0.02	0.05	0.90	0.94	0.05	0.24	0.29	—	3,422	3,422	0.30	0.49	8.23	3,584
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.23	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	68.8	68.8	< 0.005	< 0.005	0.09	69.7
Vendor	0.03	0.01	0.35	0.21	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	281	281	0.02	0.04	0.29	294
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.4	11.4	< 0.005	< 0.005	0.02	11.5
Vendor	0.01	< 0.005	0.06	0.04	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	46.6	46.6	< 0.005	0.01	0.05	48.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Phase 2c - Building - Foundation (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.74	0.62	5.35	7.82	0.02	0.17	—	0.17	0.16	—	0.16	—	1,946	1,946	0.08	0.02	—	1,953
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.44	0.64	< 0.005	0.01	—	0.01	0.01	—	0.01	—	160	160	0.01	< 0.005	—	161
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	26.5	26.5	< 0.005	< 0.005	—	26.6
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.23	0.19	3.11	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	883	883	0.01	0.01	2.63	887
Vendor	0.41	0.09	4.09	2.55	0.02	0.05	0.90	0.94	0.05	0.24	0.29	—	3,422	3,422	0.30	0.49	8.23	3,584
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.02	0.02	0.02	0.23	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	68.8	68.8	< 0.005	< 0.005	0.09	69.7
Vendor	0.03	0.01	0.35	0.21	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	281	281	0.02	0.04	0.29	294
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.4	11.4	< 0.005	< 0.005	0.02	11.5
Vendor	0.01	< 0.005	0.06	0.04	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	46.6	46.6	< 0.005	0.01	0.05	48.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Phase 2d - Paving and Sidewalks (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.93	0.78	7.50	8.39	0.02	0.28	—	0.28	0.26	—	0.26	—	1,772	1,772	0.07	0.01	—	1,778
Paving	0.05	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.93	0.78	7.50	8.39	0.02	0.28	—	0.28	0.26	—	0.26	—	1,772	1,772	0.07	0.01	—	1,778
Paving	0.05	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23	0.19	1.85	2.07	< 0.005	0.07	—	0.07	0.06	—	0.06	—	437	437	0.02	< 0.005	—	438
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.34	0.38	< 0.005	0.01	—	0.01	0.01	—	0.01	—	72.3	72.3	< 0.005	< 0.005	—	72.6
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.23	0.19	3.11	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	883	883	0.01	0.01	2.63	887
Vendor	0.38	0.08	3.77	2.35	0.02	0.04	0.83	0.87	0.04	0.22	0.26	—	3,159	3,159	0.28	0.45	7.60	3,308
Hauling	0.03	< 0.005	0.23	0.16	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	154	154	0.02	0.02	0.30	162
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.23	0.23	2.84	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	834	834	0.02	0.03	0.07	845
Vendor	0.38	0.08	3.97	2.36	0.02	0.04	0.83	0.87	0.04	0.22	0.26	—	3,159	3,159	0.28	0.45	0.20	3,301
Hauling	0.03	< 0.005	0.24	0.16	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	154	154	0.02	0.02	0.01	162
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.06	0.68	0.00	0.00	0.22	0.22	0.00	0.05	0.05	—	206	206	< 0.005	0.01	0.28	209
Vendor	0.09	0.02	0.96	0.58	0.01	0.01	0.20	0.21	0.01	0.05	0.06	—	779	779	0.07	0.11	0.81	815

Hauling	0.01	< 0.005	0.06	0.04	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	37.9	37.9	0.01	0.01	0.03	39.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.12	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	34.1	34.1	< 0.005	< 0.005	0.05	34.6
Vendor	0.02	< 0.005	0.18	0.11	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	129	129	0.01	0.02	0.13	135
Hauling	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.28	6.28	< 0.005	< 0.005	0.01	6.60

3.8. Phase 2d - Paving and Sidewalks (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.93	0.78	7.50	8.39	0.02	0.28	—	0.28	0.26	—	0.26	—	1,772	1,772	0.07	0.01	—	1,778
Paving	0.05	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.93	0.78	7.50	8.39	0.02	0.28	—	0.28	0.26	—	0.26	—	1,772	1,772	0.07	0.01	—	1,778
Paving	0.05	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.23	0.19	1.85	2.07	< 0.005	0.07	—	0.07	0.06	—	0.06	—	437	437	0.02	< 0.005	—	438
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.34	0.38	< 0.005	0.01	—	0.01	0.01	—	0.01	—	72.3	72.3	< 0.005	< 0.005	—	72.6
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.23	0.19	3.11	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	883	883	0.01	0.01	2.63	887
Vendor	0.38	0.08	3.77	2.35	0.02	0.04	0.83	0.87	0.04	0.22	0.26	—	3,159	3,159	0.28	0.45	7.60	3,308
Hauling	0.03	< 0.005	0.23	0.16	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	154	154	0.02	0.02	0.30	162
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.23	0.23	2.84	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	834	834	0.02	0.03	0.07	845
Vendor	0.38	0.08	3.97	2.36	0.02	0.04	0.83	0.87	0.04	0.22	0.26	—	3,159	3,159	0.28	0.45	0.20	3,301
Hauling	0.03	< 0.005	0.24	0.16	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	154	154	0.02	0.02	0.01	162
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.06	0.68	0.00	0.00	0.22	0.22	0.00	0.05	0.05	—	206	206	< 0.005	0.01	0.28	209
Vendor	0.09	0.02	0.96	0.58	0.01	0.01	0.20	0.21	0.01	0.05	0.06	—	779	779	0.07	0.11	0.81	815
Hauling	0.01	< 0.005	0.06	0.04	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	37.9	37.9	0.01	0.01	0.03	39.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.01	0.01	0.01	0.12	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	34.1	34.1	< 0.005	< 0.005	0.05	34.6
Vendor	0.02	< 0.005	0.18	0.11	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	129	129	0.01	0.02	0.13	135
Hauling	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.28	6.28	< 0.005	< 0.005	0.01	6.60

3.9. Phase 2e - Site - Electrical and Lighting (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.27	0.23	2.14	5.43	0.01	0.07	—	0.07	0.07	—	0.07	—	923	923	0.04	0.01	—	926
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.13	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	56.0	56.0	< 0.005	< 0.005	—	56.2
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.27	9.27	< 0.005	< 0.005	—	9.30

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.23	0.23	2.84	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	834	834	0.02	0.03	0.07	845
Vendor	0.06	0.01	0.66	0.39	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	526	526	0.05	0.08	0.03	550
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.01	0.17	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	50.7	50.7	< 0.005	< 0.005	0.07	51.5
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	31.9	31.9	< 0.005	< 0.005	0.03	33.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.40	8.40	< 0.005	< 0.005	0.01	8.52
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.29	5.29	< 0.005	< 0.005	0.01	5.53
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Phase 2e - Site - Electrical and Lighting (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.27	0.23	2.14	5.43	0.01	0.07	—	0.07	0.07	—	0.07	—	923	923	0.04	0.01	—	926
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.02	0.01	0.13	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	56.0	56.0	< 0.005	< 0.005	—	56.2
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	< 0.005	< 0.005	0.02	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.27	9.27	< 0.005	< 0.005	—	9.30
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.23	0.23	2.84	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	834	834	0.02	0.03	0.07	845
Vendor	0.06	0.01	0.66	0.39	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	526	526	0.05	0.08	0.03	550
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.01	0.17	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	50.7	50.7	< 0.005	< 0.005	0.07	51.5
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	31.9	31.9	< 0.005	< 0.005	0.03	33.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.40	8.40	< 0.005	< 0.005	0.01	8.52
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.29	5.29	< 0.005	< 0.005	0.01	5.53
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Phase 2e - Site - Electrical and Lighting (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.27	0.22	2.04	5.45	0.01	0.07	—	0.07	0.06	—	0.06	—	923	923	0.04	0.01	—	926
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.02	0.21	0.57	< 0.005	0.01	—	0.01	0.01	—	0.01	—	95.7	95.7	< 0.005	< 0.005	—	96.0
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	< 0.005	0.04	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.8	15.8	< 0.005	< 0.005	—	15.9

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.22	0.20	2.67	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	818	818	0.02	0.01	0.06	821
Vendor	0.06	0.01	0.62	0.38	< 0.005	0.01	0.14	0.14	< 0.005	0.04	0.04	—	515	515	0.05	0.07	0.03	537
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.27	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	85.1	85.1	< 0.005	< 0.005	0.10	85.5
Vendor	0.01	< 0.005	0.06	0.04	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	53.4	53.4	< 0.005	0.01	0.05	55.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.1	14.1	< 0.005	< 0.005	0.02	14.2
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.84	8.84	< 0.005	< 0.005	0.01	9.24
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Phase 2e - Site - Electrical and Lighting (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.27	0.22	2.04	5.45	0.01	0.07	—	0.07	0.06	—	0.06	—	923	923	0.04	0.01	—	926
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.03	0.02	0.21	0.57	< 0.005	0.01	—	0.01	0.01	—	0.01	—	95.7	95.7	< 0.005	< 0.005	—	96.0
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.01	< 0.005	0.04	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.8	15.8	< 0.005	< 0.005	—	15.9
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.22	0.20	2.67	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	818	818	0.02	0.01	0.06	821
Vendor	0.06	0.01	0.62	0.38	< 0.005	0.01	0.14	0.14	< 0.005	0.04	0.04	—	515	515	0.05	0.07	0.03	537
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.27	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	85.1	85.1	< 0.005	< 0.005	0.10	85.5
Vendor	0.01	< 0.005	0.06	0.04	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	53.4	53.4	< 0.005	0.01	0.05	55.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.1	14.1	< 0.005	< 0.005	0.02	14.2
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.84	8.84	< 0.005	< 0.005	0.01	9.24
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Phase 2f - Site - Landscaping (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.54	0.45	2.94	9.78	0.02	0.14	—	0.14	0.13	—	0.13	—	1,677	1,677	0.07	0.01	—	1,683
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.54	0.45	2.94	9.78	0.02	0.14	—	0.14	0.13	—	0.13	—	1,677	1,677	0.07	0.01	—	1,683
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.10	0.63	2.09	< 0.005	0.03	—	0.03	0.03	—	0.03	—	358	358	0.01	< 0.005	—	360

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.11	0.38	< 0.005	0.01	—	0.01	0.01	—	0.01	—	59.3	59.3	< 0.005	< 0.005	—	59.5
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.22	0.16	2.91	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	866	866	0.01	0.01	2.31	871
Vendor	0.07	0.02	0.74	0.47	< 0.005	0.01	0.17	0.18	< 0.005	0.05	0.05	—	644	644	0.06	0.09	1.44	673
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.22	0.20	2.67	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	818	818	0.02	0.01	0.06	821
Vendor	0.07	0.02	0.78	0.47	< 0.005	0.01	0.17	0.18	< 0.005	0.05	0.05	—	644	644	0.06	0.09	0.04	672
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.55	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	175	175	< 0.005	< 0.005	0.21	176
Vendor	0.02	< 0.005	0.16	0.10	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	0.13	144
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	29.0	29.0	< 0.005	< 0.005	0.04	29.2
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	22.8	22.8	< 0.005	< 0.005	0.02	23.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Phase 2f - Site - Landscaping (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.54	0.45	2.94	9.78	0.02	0.14	—	0.14	0.13	—	0.13	—	1,677	1,677	0.07	0.01	—	1,683
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.54	0.45	2.94	9.78	0.02	0.14	—	0.14	0.13	—	0.13	—	1,677	1,677	0.07	0.01	—	1,683
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.10	0.63	2.09	< 0.005	0.03	—	0.03	0.03	—	0.03	—	358	358	0.01	< 0.005	—	360
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.11	0.38	< 0.005	0.01	—	0.01	0.01	—	0.01	—	59.3	59.3	< 0.005	< 0.005	—	59.5

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.22	0.16	2.91	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	866	866	0.01	0.01	2.31	871
Vendor	0.07	0.02	0.74	0.47	< 0.005	0.01	0.17	0.18	< 0.005	0.05	0.05	—	644	644	0.06	0.09	1.44	673
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.22	0.20	2.67	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	818	818	0.02	0.01	0.06	821
Vendor	0.07	0.02	0.78	0.47	< 0.005	0.01	0.17	0.18	< 0.005	0.05	0.05	—	644	644	0.06	0.09	0.04	672
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.55	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	175	175	< 0.005	< 0.005	0.21	176
Vendor	0.02	< 0.005	0.16	0.10	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	0.13	144
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	29.0	29.0	< 0.005	< 0.005	0.04	29.2
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	22.8	22.8	< 0.005	< 0.005	0.02	23.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetati	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Phase 2a - Grading/Excavation	Grading	2/10/2026	5/4/2026	5.00	60.0	—
Phase 2b - Site - Piled Foundations	Building Construction	5/5/2026	6/15/2026	5.00	30.0	—
Phase 2c - Building - Foundation	Building Construction	6/16/2026	7/27/2026	5.00	30.0	—
Phase 2d - Paving and Sidewalks	Paving	7/28/2026	11/30/2026	5.00	90.0	—
Phase 2e - Site - Electrical and Lighting	Trenching	12/1/2026	2/22/2027	5.00	60.0	—
Phase 2f - Site - Landscaping	Trenching	2/23/2027	6/10/2027	5.00	78.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Phase 2a - Grading/Excavation	Excavators	Diesel	Average	1.00	8.00	158	0.38

Phase 2a - Grading/Excavation	Graders	Diesel	Average	2.00	8.00	240	0.41
Phase 2a - Grading/Excavation	Rubber Tired Dozers	Diesel	Average	2.00	8.00	354	0.40
Phase 2a - Grading/Excavation	Other Construction Equipment	Diesel	Average	1.00	8.00	284	0.42
Phase 2a - Grading/Excavation	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	124	0.37
Phase 2a - Grading/Excavation	Pumps	Diesel	Average	1.00	8.00	49.0	0.74
Phase 2b - Site - Piled Foundations	Excavators	Diesel	Average	1.00	8.00	158	0.38
Phase 2b - Site - Piled Foundations	Forklifts	Diesel	Average	1.00	8.00	100	0.20
Phase 2b - Site - Piled Foundations	Bore/Drill Rigs	Diesel	Average	1.00	8.00	221	0.50
Phase 2b - Site - Piled Foundations	Pumps	Diesel	Average	1.00	8.00	49.0	0.74
Phase 2c - Building - Foundation	Excavators	Diesel	Average	1.00	8.00	158	0.38
Phase 2c - Building - Foundation	Bore/Drill Rigs	Diesel	Average	1.00	8.00	221	0.50
Phase 2c - Building - Foundation	Pumps	Diesel	Average	1.00	8.00	49.0	0.74
Phase 2d - Paving and Sidewalks	Pavers	Diesel	Average	1.00	6.00	132	0.42
Phase 2d - Paving and Sidewalks	Rollers	Diesel	Average	2.00	6.00	80.0	0.38
Phase 2d - Paving and Sidewalks	Pumps	Diesel	Average	1.00	6.00	49.0	0.74
Phase 2d - Paving and Sidewalks	Graders	Diesel	Average	1.00	6.00	240	0.41
Phase 2e - Site - Electrical and Lighting	Excavators	Diesel	Average	2.00	4.00	158	0.38

Phase 2e - Site - Electrical and Lighting	Aerial Lifts	Diesel	Average	2.00	8.00	63.0	0.31
Phase 2f - Site - Landscaping	Excavators	Diesel	Average	4.00	6.00	158	0.38

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Phase 2a - Grading/Excavation	Excavators	Diesel	Average	1.00	8.00	158	0.38
Phase 2a - Grading/Excavation	Graders	Diesel	Average	2.00	8.00	240	0.41
Phase 2a - Grading/Excavation	Rubber Tired Dozers	Diesel	Average	2.00	8.00	354	0.40
Phase 2a - Grading/Excavation	Other Construction Equipment	Diesel	Average	1.00	8.00	284	0.42
Phase 2a - Grading/Excavation	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	124	0.37
Phase 2a - Grading/Excavation	Pumps	Diesel	Average	1.00	8.00	49.0	0.74
Phase 2b - Site - Piled Foundations	Excavators	Diesel	Average	1.00	8.00	158	0.38
Phase 2b - Site - Piled Foundations	Forklifts	Diesel	Average	1.00	8.00	100	0.20
Phase 2b - Site - Piled Foundations	Bore/Drill Rigs	Diesel	Average	1.00	8.00	221	0.50
Phase 2b - Site - Piled Foundations	Pumps	Diesel	Average	1.00	8.00	49.0	0.74
Phase 2c - Building - Foundation	Excavators	Diesel	Average	1.00	8.00	158	0.38
Phase 2c - Building - Foundation	Bore/Drill Rigs	Diesel	Average	1.00	8.00	221	0.50
Phase 2c - Building - Foundation	Pumps	Diesel	Average	1.00	8.00	49.0	0.74

Phase 2d - Paving and Sidewalks	Pavers	Diesel	Average	1.00	6.00	132	0.42
Phase 2d - Paving and Sidewalks	Rollers	Diesel	Average	2.00	6.00	80.0	0.38
Phase 2d - Paving and Sidewalks	Pumps	Diesel	Average	1.00	6.00	49.0	0.74
Phase 2d - Paving and Sidewalks	Graders	Diesel	Average	1.00	6.00	240	0.41
Phase 2e - Site - Electrical and Lighting	Excavators	Diesel	Average	2.00	4.00	158	0.38
Phase 2e - Site - Electrical and Lighting	Aerial Lifts	Diesel	Average	2.00	8.00	63.0	0.31
Phase 2f - Site - Landscaping	Excavators	Diesel	Average	4.00	6.00	158	0.38

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Phase 2a - Grading/Excavation	—	—	—	—
Phase 2a - Grading/Excavation	Worker	100	12.8	LDA,LDT1,LDT2
Phase 2a - Grading/Excavation	Vendor	8.00	20.0	HHDT,MHDT
Phase 2a - Grading/Excavation	Hauling	40.0	20.0	HHDT
Phase 2a - Grading/Excavation	Onsite truck	0.00	0.00	HHDT
Phase 2b - Site - Piled Foundations	—	—	—	—
Phase 2b - Site - Piled Foundations	Worker	100	12.8	LDA,LDT1,LDT2
Phase 2b - Site - Piled Foundations	Vendor	44.0	20.0	HHDT,MHDT
Phase 2b - Site - Piled Foundations	Hauling	0.00	20.0	HHDT
Phase 2b - Site - Piled Foundations	Onsite truck	0.00	0.00	HHDT
Phase 2c - Building - Foundation	—	—	—	—
Phase 2c - Building - Foundation	Worker	100	12.8	LDA,LDT1,LDT2

Phase 2c - Building - Foundation	Vendor	52.0	20.0	HHDT,MHDT
Phase 2c - Building - Foundation	Hauling	0.00	20.0	HHDT
Phase 2c - Building - Foundation	Onsite truck	0.00	0.00	HHDT
Phase 2d - Paving and Sidewalks	—	—	—	—
Phase 2d - Paving and Sidewalks	Worker	100	12.8	LDA,LDT1,LDT2
Phase 2d - Paving and Sidewalks	Vendor	48.0	20.0	HHDT,MHDT
Phase 2d - Paving and Sidewalks	Hauling	2.00	20.0	HHDT
Phase 2d - Paving and Sidewalks	Onsite truck	0.00	0.00	HHDT
Phase 2e - Site - Electrical and Lighting	—	—	—	—
Phase 2e - Site - Electrical and Lighting	Worker	100	12.8	LDA,LDT1,LDT2
Phase 2e - Site - Electrical and Lighting	Vendor	8.00	20.0	HHDT,MHDT
Phase 2e - Site - Electrical and Lighting	Hauling	0.00	20.0	HHDT
Phase 2e - Site - Electrical and Lighting	Onsite truck	0.00	0.00	HHDT
Phase 2f - Site - Landscaping	—	—	—	—
Phase 2f - Site - Landscaping	Worker	100	12.8	LDA,LDT1,LDT2
Phase 2f - Site - Landscaping	Vendor	10.0	20.0	HHDT,MHDT
Phase 2f - Site - Landscaping	Hauling	0.00	20.0	HHDT
Phase 2f - Site - Landscaping	Onsite truck	0.00	0.00	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Phase 2a - Grading/Excavation	—	—	—	—
Phase 2a - Grading/Excavation	Worker	100	12.8	LDA,LDT1,LDT2
Phase 2a - Grading/Excavation	Vendor	8.00	20.0	HHDT,MHDT
Phase 2a - Grading/Excavation	Hauling	40.0	20.0	HHDT

Phase 2a - Grading/Excavation	Onsite truck	0.00	0.00	HHDT
Phase 2b - Site - Piled Foundations	—	—	—	—
Phase 2b - Site - Piled Foundations	Worker	100	12.8	LDA,LDT1,LDT2
Phase 2b - Site - Piled Foundations	Vendor	44.0	20.0	HHDT,MHDT
Phase 2b - Site - Piled Foundations	Hauling	0.00	20.0	HHDT
Phase 2b - Site - Piled Foundations	Onsite truck	0.00	0.00	HHDT
Phase 2c - Building - Foundation	—	—	—	—
Phase 2c - Building - Foundation	Worker	100	12.8	LDA,LDT1,LDT2
Phase 2c - Building - Foundation	Vendor	52.0	20.0	HHDT,MHDT
Phase 2c - Building - Foundation	Hauling	0.00	20.0	HHDT
Phase 2c - Building - Foundation	Onsite truck	0.00	0.00	HHDT
Phase 2d - Paving and Sidewalks	—	—	—	—
Phase 2d - Paving and Sidewalks	Worker	100	12.8	LDA,LDT1,LDT2
Phase 2d - Paving and Sidewalks	Vendor	48.0	20.0	HHDT,MHDT
Phase 2d - Paving and Sidewalks	Hauling	2.00	20.0	HHDT
Phase 2d - Paving and Sidewalks	Onsite truck	0.00	0.00	HHDT
Phase 2e - Site - Electrical and Lighting	—	—	—	—
Phase 2e - Site - Electrical and Lighting	Worker	100	12.8	LDA,LDT1,LDT2
Phase 2e - Site - Electrical and Lighting	Vendor	8.00	20.0	HHDT,MHDT
Phase 2e - Site - Electrical and Lighting	Hauling	0.00	20.0	HHDT
Phase 2e - Site - Electrical and Lighting	Onsite truck	0.00	0.00	HHDT
Phase 2f - Site - Landscaping	—	—	—	—
Phase 2f - Site - Landscaping	Worker	100	12.8	LDA,LDT1,LDT2
Phase 2f - Site - Landscaping	Vendor	10.0	20.0	HHDT,MHDT
Phase 2f - Site - Landscaping	Hauling	0.00	20.0	HHDT

Phase 2f - Site - Landscaping	Onsite truck	0.00	0.00	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%
Sweep paved roads once per month	9%	9%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Phase 2a - Grading/Excavation	9,375	9,375	90.0	0.00	—
Phase 2d - Paving and Sidewalks	0.00	0.00	0.00	0.00	1.60

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt

Library	0.00	0%
Parking Lot	1.60	100%
City Park	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	36,000	204	0.03	< 0.005
2027	36,000	204	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	7.57	annual days of extreme heat
Extreme Precipitation	6.10	annual days with precipitation above 20 mm
Sea Level Rise	0.50	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	10.6
AQ-PM	26.6
AQ-DPM	79.0
Drinking Water	42.7
Lead Risk Housing	59.0
Pesticides	0.00
Toxic Releases	33.9
Traffic	84.8
Effect Indicators	—
CleanUp Sites	50.3
Groundwater	94.1
Haz Waste Facilities/Generators	83.0
Impaired Water Bodies	77.3
Solid Waste	59.2
Sensitive Population	—
Asthma	11.1
Cardio-vascular	6.54
Low Birth Weights	28.8
Socioeconomic Factor Indicators	—

Education	13.1
Housing	61.9
Linguistic	30.0
Poverty	2.12
Unemployment	15.8

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	78.09572693
Employed	97.51058642
Median HI	69.74207622
Education	—
Bachelor's or higher	84.51174131
High school enrollment	13.01167715
Preschool enrollment	89.87552932
Transportation	—
Auto Access	33.77389965
Active commuting	86.84717054
Social	—
2-parent households	82.71525728
Voting	85.46131143
Neighborhood	—
Alcohol availability	21.87860901
Park access	81.35506224
Retail density	86.71885025
Supermarket access	52.05954061

Tree canopy	85.69228795
Housing	—
Homeownership	33.41460285
Housing habitability	50.35288079
Low-inc homeowner severe housing cost burden	35.60887976
Low-inc renter severe housing cost burden	63.17207751
Uncrowded housing	47.26036186
Health Outcomes	—
Insured adults	93.81496215
Arthritis	0.0
Asthma ER Admissions	80.9
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	82.0
Cognitively Disabled	80.8
Physically Disabled	60.6
Heart Attack ER Admissions	93.1
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	75.5
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—

Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	20.0
Children	51.6
Elderly	71.6
English Speaking	36.0
Foreign-born	53.2
Outdoor Workers	60.0
Climate Change Adaptive Capacity	—
Impervious Surface Cover	50.0
Traffic Density	81.7
Traffic Access	63.9
Other Indices	—
Hardship	5.1
Other Decision Support	—
2016 Voting	81.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	21.0
Healthy Places Index Score for Project Location (b)	90.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Project-specific construction data provided by applicant.
Construction: Trips and VMT	Project-specific construction data provided by applicant.
Construction: Off-Road Equipment	Project-specific construction data provided by applicant.
Construction: Dust From Material Movement	Project-specific construction data provided by applicant.
Construction: Paving	Project-specific construction data provided by applicant.
Construction: Electricity	Project-specific construction data provided by applicant.

410 Airport Blvd - Phase 3 Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	410 Airport Blvd - Phase 3
Construction Start Date	6/11/2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	4.60
Precipitation (days)	37.8
Location	37.591553700386626, -122.34047697245035
County	San Mateo
City	Burlingame
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1238
EDFZ	1
Electric Utility	Pacific Gas & Electric Company
Gas Utility	—
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Library	14.0	1000sqft	0.32	14,000	0.00	—	—	—
Parking Lot	28.0	Space	0.25	0.00	0.00	—	—	—

City Park	8.83	Acre	8.83	0.00	384,488	384,488	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.24	3.94	14.6	22.9	0.04	0.49	1.39	1.86	0.45	0.31	0.74	—	4,008	4,008	0.17	0.03	—	4,022
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.24	3.94	14.1	19.4	0.04	0.34	—	0.34	0.31	—	0.31	—	3,294	3,294	0.14	0.03	—	3,305
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.90	0.82	4.01	5.79	0.01	0.13	0.06	0.19	0.12	0.01	0.13	—	1,036	1,036	0.04	0.01	—	1,040
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.16	0.15	0.73	1.06	< 0.005	0.02	0.01	0.03	0.02	< 0.005	0.02	—	172	172	0.01	< 0.005	—	172

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2027	1.92	1.61	14.6	22.9	0.04	0.49	1.39	1.86	0.45	0.31	0.74	—	4,008	4,008	0.17	0.03	—	4,022
2028	4.24	3.94	14.1	19.4	0.04	0.34	—	0.34	0.31	—	0.31	—	3,294	3,294	0.14	0.03	—	3,305
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	1.29	1.07	10.3	13.5	0.03	0.30	—	0.30	0.27	—	0.27	—	2,425	2,425	0.10	0.02	—	2,433
2028	4.24	3.94	14.1	19.4	0.04	0.34	—	0.34	0.31	—	0.31	—	3,294	3,294	0.14	0.03	—	3,305
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.52	0.44	4.01	5.79	0.01	0.13	0.06	0.19	0.12	0.01	0.13	—	1,036	1,036	0.04	0.01	—	1,040
2028	0.90	0.82	3.94	5.40	0.01	0.10	—	0.10	0.09	—	0.09	—	946	946	0.04	0.01	—	950
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.10	0.08	0.73	1.06	< 0.005	0.02	0.01	0.03	0.02	< 0.005	0.02	—	172	172	0.01	< 0.005	—	172
2028	0.16	0.15	0.72	0.98	< 0.005	0.02	—	0.02	0.02	—	0.02	—	157	157	0.01	< 0.005	—	157

3. Construction Emissions Details

3.1. Phase 3a - Demolition (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.49	1.25	10.3	14.9	0.03	0.46	—	0.46	0.43	—	0.43	—	2,740	2,740	0.11	0.02	—	2,750
Demolition	—	—	—	—	—	—	0.36	0.36	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.42	0.61	< 0.005	0.02	—	0.02	0.02	—	0.02	—	113	113	< 0.005	< 0.005	—	113
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18.6	18.6	< 0.005	< 0.005	—	18.7
Demolition	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	—	0.85	0.85	—	0.21	0.21	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	—	0.11	0.11	—	0.03	0.03	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	—	0.08	0.08	—	0.02	0.02	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—

Vendor	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—

3.3. Phase 3c - Building - Exterior (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.29	1.07	10.3	13.5	0.03	0.30	—	0.30	0.27	—	0.27	—	2,381	2,381	0.10	0.02	—	2,389
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.29	1.07	10.3	13.5	0.03	0.30	—	0.30	0.27	—	0.27	—	2,381	2,381	0.10	0.02	—	2,389
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.38	0.32	3.05	4.01	0.01	0.09	—	0.09	0.08	—	0.08	—	708	708	0.03	0.01	—	711
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipm	0.07	0.06	0.56	0.73	< 0.005	0.02	—	0.02	0.01	—	0.01	—	117	117	< 0.005	< 0.005	—	118
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

3.5. Phase 3c - Building - Exterior (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.23	1.02	9.86	13.4	0.03	0.26	—	0.26	0.24	—	0.24	—	2,381	2,381	0.10	0.02	—	2,389
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.23	1.02	9.86	13.4	0.03	0.26	—	0.26	0.24	—	0.24	—	2,381	2,381	0.10	0.02	—	2,389
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.40	0.34	3.24	4.41	0.01	0.09	—	0.09	0.08	—	0.08	—	783	783	0.03	0.01	—	786
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.59	0.81	< 0.005	0.02	—	0.02	0.01	—	0.01	—	130	130	0.01	< 0.005	—	130
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

3.7. Phase 3b - Paving (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.58	0.49	4.35	9.42	0.01	0.19	—	0.19	0.17	—	0.17	—	1,583	1,583	0.06	0.01	—	1,589
Paving	0.05	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.54	1.16	< 0.005	0.02	—	0.02	0.02	—	0.02	—	195	195	0.01	< 0.005	—	196
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.10	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	32.3	32.3	< 0.005	< 0.005	—	32.4
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

3.9. Phase 3d - Building - Interior / Architectural (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.52	0.43	4.27	5.98	0.01	0.08	—	0.08	0.07	—	0.07	—	872	872	0.04	0.01	—	875
Architectural Coatings	2.48	2.48	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.52	0.43	4.27	5.98	0.01	0.08	—	0.08	0.07	—	0.07	—	872	872	0.04	0.01	—	875
Architectural Coatings	2.48	2.48	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.07	0.70	0.98	< 0.005	0.01	—	0.01	0.01	—	0.01	—	143	143	0.01	< 0.005	—	144
Architectural Coatings	0.41	0.41	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.13	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	23.7	23.7	< 0.005	< 0.005	—	23.8
Architectural Coatings	0.07	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Phase 3a - Demolition	Demolition	6/11/2027	7/1/2027	5.00	15.0	—
Phase 3c - Building - Exterior	Building Construction	8/2/2027	6/16/2028	5.00	230	—
Phase 3b - Paving	Paving	7/2/2027	9/2/2027	5.00	45.0	—
Phase 3d - Building - Interior / Architectural	Architectural Coating	3/25/2028	6/16/2028	5.00	60.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Phase 3a - Demolition	Excavators	Diesel	Average	1.00	8.00	158	0.38
Phase 3a - Demolition	Rubber Tired Dozers	Diesel	Average	1.00	8.00	354	0.40
Phase 3a - Demolition	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	124	0.37
Phase 3c - Building - Exterior	Cranes	Diesel	Average	1.00	7.00	231	0.29
Phase 3c - Building - Exterior	Forklifts	Diesel	Average	1.00	8.00	89.0	0.20
Phase 3c - Building - Exterior	Generator Sets	Diesel	Average	1.00	8.00	49.0	0.74
Phase 3c - Building - Exterior	Tractors/Loaders/Backhoes	Diesel	Average	1.00	7.00	124	0.37
Phase 3c - Building - Exterior	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Phase 3c - Building - Exterior	Aerial Lifts	Diesel	Average	2.00	8.00	63.0	0.31
Phase 3c - Building - Exterior	Pumps	Diesel	Average	1.00	8.00	49.0	0.74
Phase 3b - Paving	Pavers	Diesel	Average	1.00	8.00	132	0.42
Phase 3b - Paving	Rollers	Diesel	Average	1.00	8.00	80.0	0.38
Phase 3b - Paving	Excavators	Diesel	Average	1.00	8.00	158	0.38
Phase 3b - Paving	Skid Steer Loaders	Diesel	Average	1.00	8.00	65.0	0.37
Phase 3d - Building - Interior / Architectural	Air Compressors	Diesel	Average	1.00	8.00	49.0	0.48
Phase 3d - Building - Interior / Architectural	Aerial Lifts	Diesel	Average	2.00	6.00	63.0	0.31
Phase 3d - Building - Interior / Architectural	Generator Sets	Diesel	Average	1.00	8.00	49.0	0.74

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Phase 3a - Demolition	—	—	—	—
Phase 3a - Demolition	Worker	100	12.8	LDA,LDT1,LDT2
Phase 3a - Demolition	Vendor	8.00	20.0	HHDT,MHDT
Phase 3a - Demolition	Hauling	6.00	20.0	HHDT
Phase 3a - Demolition	Onsite truck	0.00	0.00	HHDT
Phase 3c - Building - Exterior	—	—	—	—
Phase 3c - Building - Exterior	Worker	100	12.8	LDA,LDT1,LDT2
Phase 3c - Building - Exterior	Vendor	56.0	20.0	HHDT,MHDT
Phase 3c - Building - Exterior	Hauling	0.00	20.0	HHDT
Phase 3c - Building - Exterior	Onsite truck	0.00	0.00	HHDT
Phase 3b - Paving	—	—	—	—
Phase 3b - Paving	Worker	100	12.8	LDA,LDT1,LDT2
Phase 3b - Paving	Vendor	48.0	20.0	HHDT,MHDT
Phase 3b - Paving	Hauling	0.00	20.0	HHDT
Phase 3b - Paving	Onsite truck	0.00	0.00	HHDT
Phase 3d - Building - Interior / Architectural	—	—	—	—
Phase 3d - Building - Interior / Architectural	Worker	100	12.8	LDA,LDT1,LDT2
Phase 3d - Building - Interior / Architectural	Vendor	8.00	20.0	HHDT,MHDT
Phase 3d - Building - Interior / Architectural	Hauling	0.00	20.0	HHDT
Phase 3d - Building - Interior / Architectural	Onsite truck	0.00	0.00	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%
Sweep paved roads once per month	9%	9%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Phase 3d - Building - Interior / Architectural	0.00	0.00	21,000	7,000	659

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Phase 3a - Demolition	0.00	0.00	0.00	364	—
Phase 3b - Paving	0.00	0.00	0.00	0.00	0.80

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Library	0.00	0%
Parking Lot	0.80	100%
City Park	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2027	36,000	204	0.03	< 0.005
2028	36,000	204	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	7.57	annual days of extreme heat
Extreme Precipitation	6.10	annual days with precipitation above 20 mm
Sea Level Rise	0.50	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	10.6

AQ-PM	26.6
AQ-DPM	79.0
Drinking Water	42.7
Lead Risk Housing	59.0
Pesticides	0.00
Toxic Releases	33.9
Traffic	84.8
Effect Indicators	—
CleanUp Sites	50.3
Groundwater	94.1
Haz Waste Facilities/Generators	83.0
Impaired Water Bodies	77.3
Solid Waste	59.2
Sensitive Population	—
Asthma	11.1
Cardio-vascular	6.54
Low Birth Weights	28.8
Socioeconomic Factor Indicators	—
Education	13.1
Housing	61.9
Linguistic	30.0
Poverty	2.12
Unemployment	15.8

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—

Above Poverty	78.09572693
Employed	97.51058642
Median HI	69.74207622
Education	—
Bachelor's or higher	84.51174131
High school enrollment	13.01167715
Preschool enrollment	89.87552932
Transportation	—
Auto Access	33.77389965
Active commuting	86.84717054
Social	—
2-parent households	82.71525728
Voting	85.46131143
Neighborhood	—
Alcohol availability	21.87860901
Park access	81.35506224
Retail density	86.71885025
Supermarket access	52.05954061
Tree canopy	85.69228795
Housing	—
Homeownership	33.41460285
Housing habitability	50.35288079
Low-inc homeowner severe housing cost burden	35.60887976
Low-inc renter severe housing cost burden	63.17207751
Uncrowded housing	47.26036186
Health Outcomes	—
Insured adults	93.81496215
Arthritis	0.0

Asthma ER Admissions	80.9
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	82.0
Cognitively Disabled	80.8
Physically Disabled	60.6
Heart Attack ER Admissions	93.1
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	75.5
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	20.0
Children	51.6
Elderly	71.6
English Speaking	36.0
Foreign-born	53.2

Outdoor Workers	60.0
Climate Change Adaptive Capacity	—
Impervious Surface Cover	50.0
Traffic Density	81.7
Traffic Access	63.9
Other Indices	—
Hardship	5.1
Other Decision Support	—
2016 Voting	81.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	21.0
Healthy Places Index Score for Project Location (b)	90.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Project-specific construction data provided by applicant.
Construction: Trips and VMT	Project-specific construction data provided by applicant.
Construction: Off-Road Equipment	Project-specific construction data provided by applicant.
Construction: Dust From Material Movement	Project-specific construction data provided by applicant.
Construction: Paving	Project-specific construction data provided by applicant.
Construction: Architectural Coatings	Project-specific construction data provided by applicant.
Construction: Electricity	Project-specific construction data provided by applicant.

410 Airport Blvd - Phase 3_Mitigated Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	410 Airport Blvd - Phase 3_Mitigated
Construction Start Date	6/11/2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	4.60
Precipitation (days)	37.8
Location	37.591553700386626, -122.34047697245035
County	San Mateo
City	Burlingame
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1238
EDFZ	1
Electric Utility	Pacific Gas & Electric Company
Gas Utility	—
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Library	14.0	1000sqft	0.32	14,000	0.00	—	—	—
Parking Lot	28.0	Space	0.25	0.00	0.00	—	—	—

City Park	8.83	Acre	8.83	0.00	384,488	384,488	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-10-A	Water Exposed Surfaces

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.11	4.43	22.6	33.6	0.09	0.58	3.60	4.18	0.49	0.91	1.40	—	12,433	12,433	0.78	0.98	19.6	12,764
Mit.	5.11	4.43	22.6	33.6	0.09	0.58	3.60	4.18	0.49	0.91	1.40	—	12,433	12,433	0.78	0.98	19.6	12,764
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.10	4.43	19.2	27.4	0.06	0.37	2.91	3.28	0.34	0.72	1.06	—	8,912	8,912	0.50	0.62	0.32	9,108
Mit.	5.10	4.43	19.2	27.4	0.06	0.37	2.91	3.28	0.34	0.72	1.06	—	8,912	8,912	0.50	0.62	0.32	9,108
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.14	0.94	5.87	8.07	0.02	0.15	0.81	0.96	0.13	0.20	0.33	—	2,908	2,908	0.18	0.22	1.90	2,980
Mit.	1.14	0.94	5.87	8.07	0.02	0.15	0.81	0.96	0.13	0.20	0.33	—	2,908	2,908	0.18	0.22	1.90	2,980

% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.21	0.17	1.07	1.47	< 0.005	0.03	0.15	0.18	0.02	0.04	0.06	—	481	481	0.03	0.04	0.31	493
Mit.	0.21	0.17	1.07	1.47	< 0.005	0.03	0.15	0.18	0.02	0.04	0.06	—	481	481	0.03	0.04	0.31	493
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	3.14	2.22	22.6	33.6	0.09	0.58	3.60	4.18	0.49	0.91	1.40	—	12,433	12,433	0.78	0.98	19.6	12,764
2028	5.11	4.43	18.9	27.8	0.06	0.37	2.91	3.28	0.34	0.72	1.06	—	9,005	9,005	0.50	0.62	12.3	9,214
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	1.93	1.38	14.8	18.8	0.05	0.35	1.87	2.22	0.30	0.47	0.77	—	6,847	6,847	0.44	0.53	0.27	7,016
2028	5.10	4.43	19.2	27.4	0.06	0.37	2.91	3.28	0.34	0.72	1.06	—	8,912	8,912	0.50	0.62	0.32	9,108
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.80	0.57	5.87	8.07	0.02	0.15	0.81	0.96	0.13	0.20	0.33	—	2,908	2,908	0.18	0.22	1.90	2,980
2028	1.14	0.94	5.44	7.49	0.02	0.11	0.77	0.88	0.10	0.19	0.29	—	2,580	2,580	0.15	0.19	1.53	2,641
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.15	0.10	1.07	1.47	< 0.005	0.03	0.15	0.18	0.02	0.04	0.06	—	481	481	0.03	0.04	0.31	493
2028	0.21	0.17	0.99	1.37	< 0.005	0.02	0.14	0.16	0.02	0.03	0.05	—	427	427	0.03	0.03	0.25	437

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	3.14	2.22	22.6	33.6	0.09	0.58	3.60	4.18	0.49	0.91	1.40	—	12,433	12,433	0.78	0.98	19.6	12,764
2028	5.11	4.43	18.9	27.8	0.06	0.37	2.91	3.28	0.34	0.72	1.06	—	9,005	9,005	0.50	0.62	12.3	9,214
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	1.93	1.38	14.8	18.8	0.05	0.35	1.87	2.22	0.30	0.47	0.77	—	6,847	6,847	0.44	0.53	0.27	7,016
2028	5.10	4.43	19.2	27.4	0.06	0.37	2.91	3.28	0.34	0.72	1.06	—	8,912	8,912	0.50	0.62	0.32	9,108
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.80	0.57	5.87	8.07	0.02	0.15	0.81	0.96	0.13	0.20	0.33	—	2,908	2,908	0.18	0.22	1.90	2,980
2028	1.14	0.94	5.44	7.49	0.02	0.11	0.77	0.88	0.10	0.19	0.29	—	2,580	2,580	0.15	0.19	1.53	2,641
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.15	0.10	1.07	1.47	< 0.005	0.03	0.15	0.18	0.02	0.04	0.06	—	481	481	0.03	0.04	0.31	493
2028	0.21	0.17	0.99	1.37	< 0.005	0.02	0.14	0.16	0.02	0.03	0.05	—	427	427	0.03	0.03	0.25	437

3. Construction Emissions Details

3.1. Phase 3a - Demolition (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	1.49	1.25	10.3	14.9	0.03	0.46	—	0.46	0.43	—	0.43	—	2,740	2,740	0.11	0.02	—	2,750
Demolition	—	—	—	—	—	—	0.36	0.36	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.42	0.61	< 0.005	0.02	—	0.02	0.02	—	0.02	—	113	113	< 0.005	< 0.005	—	113
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18.6	18.6	< 0.005	< 0.005	—	18.7
Demolition	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.22	0.16	2.91	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	866	866	0.01	0.01	2.31	871
Vendor	0.06	0.01	0.59	0.38	< 0.005	0.01	0.14	0.14	< 0.005	0.04	0.04	—	515	515	0.05	0.07	1.15	539
Hauling	0.08	0.01	0.66	0.48	< 0.005	0.01	0.11	0.12	0.01	0.03	0.04	—	450	450	0.06	0.07	0.82	474

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	33.7	33.7	< 0.005	< 0.005	0.04	33.9
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	21.2	21.2	< 0.005	< 0.005	0.02	22.1
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	18.5	18.5	< 0.005	< 0.005	0.01	19.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.58	5.58	< 0.005	< 0.005	0.01	5.61
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.50	3.50	< 0.005	< 0.005	< 0.005	3.66
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.06	3.06	< 0.005	< 0.005	< 0.005	3.22

3.2. Phase 3a - Demolition (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.49	1.25	10.3	14.9	0.03	0.46	—	0.46	0.43	—	0.43	—	2,740	2,740	0.11	0.02	—	2,750
Demolition	—	—	—	—	—	—	0.36	0.36	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.06	0.05	0.42	0.61	< 0.005	0.02	—	0.02	0.02	—	0.02	—	113	113	< 0.005	< 0.005	—	113
Demoliti on	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.01	0.01	0.08	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18.6	18.6	< 0.005	< 0.005	—	18.7
Demoliti on	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.22	0.16	2.91	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	866	866	0.01	0.01	2.31	871
Vendor	0.06	0.01	0.59	0.38	< 0.005	0.01	0.14	0.14	< 0.005	0.04	0.04	—	515	515	0.05	0.07	1.15	539
Hauling	0.08	0.01	0.66	0.48	< 0.005	0.01	0.11	0.12	0.01	0.03	0.04	—	450	450	0.06	0.07	0.82	474
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	33.7	33.7	< 0.005	< 0.005	0.04	33.9
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	21.2	21.2	< 0.005	< 0.005	0.02	22.1
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	18.5	18.5	< 0.005	< 0.005	0.01	19.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.58	5.58	< 0.005	< 0.005	0.01	5.61
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.50	3.50	< 0.005	< 0.005	< 0.005	3.66

Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.06	3.06	< 0.005	< 0.005	< 0.005	3.22

3.3. Phase 3c - Building - Exterior (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.29	1.07	10.3	13.5	0.03	0.30	—	0.30	0.27	—	0.27	—	2,381	2,381	0.10	0.02	—	2,389
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.29	1.07	10.3	13.5	0.03	0.30	—	0.30	0.27	—	0.27	—	2,381	2,381	0.10	0.02	—	2,389
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.38	0.32	3.05	4.01	0.01	0.09	—	0.09	0.08	—	0.08	—	708	708	0.03	0.01	—	711
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipm	0.07	0.06	0.56	0.73	< 0.005	0.02	—	0.02	0.01	—	0.01	—	117	117	< 0.005	< 0.005	—	118
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.22	0.16	2.91	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	866	866	0.01	0.01	2.31	871
Vendor	0.42	0.10	4.14	2.64	0.02	0.05	0.96	1.01	0.02	0.26	0.28	—	3,604	3,604	0.32	0.50	8.05	3,770
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.22	0.20	2.67	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	818	818	0.02	0.01	0.06	821
Vendor	0.42	0.10	4.36	2.65	0.02	0.05	0.96	1.01	0.02	0.26	0.28	—	3,604	3,604	0.32	0.50	0.21	3,762
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.06	0.76	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	244	244	< 0.005	< 0.005	0.30	245
Vendor	0.12	0.03	1.27	0.78	0.01	0.01	0.28	0.30	0.01	0.08	0.08	—	1,072	1,072	0.10	0.15	1.03	1,120
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.14	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	40.4	40.4	< 0.005	< 0.005	0.05	40.6
Vendor	0.02	0.01	0.23	0.14	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	177	177	0.02	0.02	0.17	185
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Phase 3c - Building - Exterior (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.29	1.07	10.3	13.5	0.03	0.30	—	0.30	0.27	—	0.27	—	2,381	2,381	0.10	0.02	—	2,389
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.29	1.07	10.3	13.5	0.03	0.30	—	0.30	0.27	—	0.27	—	2,381	2,381	0.10	0.02	—	2,389
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.38	0.32	3.05	4.01	0.01	0.09	—	0.09	0.08	—	0.08	—	708	708	0.03	0.01	—	711
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.56	0.73	< 0.005	0.02	—	0.02	0.01	—	0.01	—	117	117	< 0.005	< 0.005	—	118
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.22	0.16	2.91	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	866	866	0.01	0.01	2.31	871
Vendor	0.42	0.10	4.14	2.64	0.02	0.05	0.96	1.01	0.02	0.26	0.28	—	3,604	3,604	0.32	0.50	8.05	3,770
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.22	0.20	2.67	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	818	818	0.02	0.01	0.06	821
Vendor	0.42	0.10	4.36	2.65	0.02	0.05	0.96	1.01	0.02	0.26	0.28	—	3,604	3,604	0.32	0.50	0.21	3,762
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.06	0.76	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	244	244	< 0.005	< 0.005	0.30	245
Vendor	0.12	0.03	1.27	0.78	0.01	0.01	0.28	0.30	0.01	0.08	0.08	—	1,072	1,072	0.10	0.15	1.03	1,120
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.14	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	40.4	40.4	< 0.005	< 0.005	0.05	40.6
Vendor	0.02	0.01	0.23	0.14	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	177	177	0.02	0.02	0.17	185
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Phase 3c - Building - Exterior (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipm	1.23	1.02	9.86	13.4	0.03	0.26	—	0.26	0.24	—	0.24	—	2,381	2,381	0.10	0.02	—	2,389
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.23	1.02	9.86	13.4	0.03	0.26	—	0.26	0.24	—	0.24	—	2,381	2,381	0.10	0.02	—	2,389
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.40	0.34	3.24	4.41	0.01	0.09	—	0.09	0.08	—	0.08	—	783	783	0.03	0.01	—	786
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.59	0.81	< 0.005	0.02	—	0.02	0.01	—	0.01	—	130	130	0.01	< 0.005	—	130
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.21	0.20	0.16	2.73	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	851	851	0.01	0.01	2.02	855
Vendor	0.39	0.07	3.88	2.54	0.02	0.02	0.96	0.99	0.02	0.26	0.28	—	3,508	3,508	0.30	0.50	7.24	3,673
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.21	0.20	0.20	2.51	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	804	804	0.01	0.01	0.05	806
Vendor	0.39	0.07	4.07	2.57	0.02	0.02	0.96	0.99	0.02	0.26	0.28	—	3,508	3,508	0.30	0.50	0.19	3,666
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.05	0.79	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	265	265	< 0.005	< 0.005	0.29	266
Vendor	0.13	0.02	1.32	0.84	0.01	0.01	0.31	0.32	0.01	0.08	0.09	—	1,153	1,153	0.10	0.17	1.03	1,206
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.14	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	43.9	43.9	< 0.005	< 0.005	0.05	44.1
Vendor	0.02	< 0.005	0.24	0.15	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	191	191	0.02	0.03	0.17	200
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Phase 3c - Building - Exterior (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.23	1.02	9.86	13.4	0.03	0.26	—	0.26	0.24	—	0.24	—	2,381	2,381	0.10	0.02	—	2,389
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	1.23	1.02	9.86	13.4	0.03	0.26	—	0.26	0.24	—	0.24	—	2,381	2,381	0.10	0.02	—	2,389
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.40	0.34	3.24	4.41	0.01	0.09	—	0.09	0.08	—	0.08	—	783	783	0.03	0.01	—	786
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.59	0.81	< 0.005	0.02	—	0.02	0.01	—	0.01	—	130	130	0.01	< 0.005	—	130
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.21	0.20	0.16	2.73	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	851	851	0.01	0.01	2.02	855
Vendor	0.39	0.07	3.88	2.54	0.02	0.02	0.96	0.99	0.02	0.26	0.28	—	3,508	3,508	0.30	0.50	7.24	3,673
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.21	0.20	0.20	2.51	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	804	804	0.01	0.01	0.05	806
Vendor	0.39	0.07	4.07	2.57	0.02	0.02	0.96	0.99	0.02	0.26	0.28	—	3,508	3,508	0.30	0.50	0.19	3,666
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.07	0.07	0.05	0.79	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	265	265	< 0.005	< 0.005	0.29	266
Vendor	0.13	0.02	1.32	0.84	0.01	0.01	0.31	0.32	0.01	0.08	0.09	—	1,153	1,153	0.10	0.17	1.03	1,206
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.14	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	43.9	43.9	< 0.005	< 0.005	0.05	44.1
Vendor	0.02	< 0.005	0.24	0.15	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	191	191	0.02	0.03	0.17	200
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Phase 3b - Paving (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.58	0.49	4.35	9.42	0.01	0.19	—	0.19	0.17	—	0.17	—	1,583	1,583	0.06	0.01	—	1,589
Paving	0.05	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.54	1.16	< 0.005	0.02	—	0.02	0.02	—	0.02	—	195	195	0.01	< 0.005	—	196
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.10	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	32.3	32.3	< 0.005	< 0.005	—	32.4
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.22	0.16	2.91	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	866	866	0.01	0.01	2.31	871
Vendor	0.36	0.08	3.55	2.27	0.02	0.04	0.83	0.87	0.02	0.22	0.24	—	3,089	3,089	0.27	0.43	6.90	3,231
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.32	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	101	101	< 0.005	< 0.005	0.12	102
Vendor	0.04	0.01	0.45	0.28	< 0.005	0.01	0.10	0.11	< 0.005	0.03	0.03	—	381	381	0.03	0.05	0.37	398
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.06	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16.8	16.8	< 0.005	< 0.005	0.02	16.8
Vendor	0.01	< 0.005	0.08	0.05	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	63.0	63.0	0.01	0.01	0.06	65.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Phase 3b - Paving (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.58	0.49	4.35	9.42	0.01	0.19	—	0.19	0.17	—	0.17	—	1,583	1,583	0.06	0.01	—	1,589
Paving	0.05	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.54	1.16	< 0.005	0.02	—	0.02	0.02	—	0.02	—	195	195	0.01	< 0.005	—	196
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.10	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	32.3	32.3	< 0.005	< 0.005	—	32.4
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.22	0.16	2.91	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	866	866	0.01	0.01	2.31	871
Vendor	0.36	0.08	3.55	2.27	0.02	0.04	0.83	0.87	0.02	0.22	0.24	—	3,089	3,089	0.27	0.43	6.90	3,231
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.32	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	101	101	< 0.005	< 0.005	0.12	102
Vendor	0.04	0.01	0.45	0.28	< 0.005	0.01	0.10	0.11	< 0.005	0.03	0.03	—	381	381	0.03	0.05	0.37	398
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.06	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16.8	16.8	< 0.005	< 0.005	0.02	16.8
Vendor	0.01	< 0.005	0.08	0.05	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	63.0	63.0	0.01	0.01	0.06	65.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Phase 3d - Building - Interior / Architectural (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.52	0.43	4.27	5.98	0.01	0.08	—	0.08	0.07	—	0.07	—	872	872	0.04	0.01	—	875

Architectural Coating	2.48	2.48	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.52	0.43	4.27	5.98	0.01	0.08	—	0.08	0.07	—	0.07	—	872	872	0.04	0.01	—	875
Architectural Coatings	2.48	2.48	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.07	0.70	0.98	< 0.005	0.01	—	0.01	0.01	—	0.01	—	143	143	0.01	< 0.005	—	144
Architectural Coatings	0.41	0.41	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.13	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	23.7	23.7	< 0.005	< 0.005	—	23.8

Architectural Coatings	0.07	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.21	0.20	0.16	2.73	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	851	851	0.01	0.01	2.02	855
Vendor	0.06	0.01	0.55	0.36	< 0.005	< 0.005	0.14	0.14	< 0.005	0.04	0.04	—	501	501	0.04	0.07	1.03	525
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.21	0.20	0.20	2.51	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	804	804	0.01	0.01	0.05	806
Vendor	0.06	0.01	0.58	0.37	< 0.005	< 0.005	0.14	0.14	< 0.005	0.04	0.04	—	501	501	0.04	0.07	0.03	524
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.40	0.00	0.00	0.15	0.15	0.00	0.03	0.03	—	133	133	< 0.005	< 0.005	0.14	133
Vendor	0.01	< 0.005	0.09	0.06	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	82.4	82.4	0.01	0.01	0.07	86.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.07	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	22.0	22.0	< 0.005	< 0.005	0.02	22.0
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13.6	13.6	< 0.005	< 0.005	0.01	14.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Phase 3d - Building - Interior / Architectural (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.52	0.43	4.27	5.98	0.01	0.08	—	0.08	0.07	—	0.07	—	872	872	0.04	0.01	—	875
Architectural Coatings	2.48	2.48	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.52	0.43	4.27	5.98	0.01	0.08	—	0.08	0.07	—	0.07	—	872	872	0.04	0.01	—	875
Architectural Coatings	2.48	2.48	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.07	0.70	0.98	< 0.005	0.01	—	0.01	0.01	—	0.01	—	143	143	0.01	< 0.005	—	144
Architectural Coatings	0.41	0.41	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.13	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	23.7	23.7	< 0.005	< 0.005	—	23.8
Architectural Coatings	0.07	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.21	0.20	0.16	2.73	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	851	851	0.01	0.01	2.02	855
Vendor	0.06	0.01	0.55	0.36	< 0.005	< 0.005	0.14	0.14	< 0.005	0.04	0.04	—	501	501	0.04	0.07	1.03	525
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.21	0.20	0.20	2.51	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	804	804	0.01	0.01	0.05	806
Vendor	0.06	0.01	0.58	0.37	< 0.005	< 0.005	0.14	0.14	< 0.005	0.04	0.04	—	501	501	0.04	0.07	0.03	524
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.40	0.00	0.00	0.15	0.15	0.00	0.03	0.03	—	133	133	< 0.005	< 0.005	0.14	133
Vendor	0.01	< 0.005	0.09	0.06	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	82.4	82.4	0.01	0.01	0.07	86.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.07	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	22.0	22.0	< 0.005	< 0.005	0.02	22.0

Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13.6	13.6	< 0.005	< 0.005	0.01	14.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Phase 3a - Demolition	Demolition	6/11/2027	7/1/2027	5.00	15.0	—
Phase 3c - Building - Exterior	Building Construction	8/2/2027	6/16/2028	5.00	230	—
Phase 3b - Paving	Paving	7/2/2027	9/2/2027	5.00	45.0	—
Phase 3d - Building - Interior / Architectural	Architectural Coating	3/25/2028	6/16/2028	5.00	60.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Phase 3a - Demolition	Excavators	Diesel	Average	1.00	8.00	158	0.38
Phase 3a - Demolition	Rubber Tired Dozers	Diesel	Average	1.00	8.00	354	0.40
Phase 3a - Demolition	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	124	0.37
Phase 3c - Building - Exterior	Cranes	Diesel	Average	1.00	7.00	231	0.29
Phase 3c - Building - Exterior	Forklifts	Diesel	Average	1.00	8.00	89.0	0.20
Phase 3c - Building - Exterior	Generator Sets	Diesel	Average	1.00	8.00	49.0	0.74
Phase 3c - Building - Exterior	Tractors/Loaders/Backhoes	Diesel	Average	1.00	7.00	124	0.37
Phase 3c - Building - Exterior	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Phase 3c - Building - Exterior	Aerial Lifts	Diesel	Average	2.00	8.00	63.0	0.31
Phase 3c - Building - Exterior	Pumps	Diesel	Average	1.00	8.00	49.0	0.74
Phase 3b - Paving	Pavers	Diesel	Average	1.00	8.00	132	0.42
Phase 3b - Paving	Rollers	Diesel	Average	1.00	8.00	80.0	0.38
Phase 3b - Paving	Excavators	Diesel	Average	1.00	8.00	158	0.38
Phase 3b - Paving	Skid Steer Loaders	Diesel	Average	1.00	8.00	65.0	0.37
Phase 3d - Building - Interior / Architectural	Air Compressors	Diesel	Average	1.00	8.00	49.0	0.48
Phase 3d - Building - Interior / Architectural	Aerial Lifts	Diesel	Average	2.00	6.00	63.0	0.31
Phase 3d - Building - Interior / Architectural	Generator Sets	Diesel	Average	1.00	8.00	49.0	0.74

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Phase 3a - Demolition	Excavators	Diesel	Average	1.00	8.00	158	0.38
Phase 3a - Demolition	Rubber Tired Dozers	Diesel	Average	1.00	8.00	354	0.40
Phase 3a - Demolition	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	124	0.37
Phase 3c - Building - Exterior	Cranes	Diesel	Average	1.00	7.00	231	0.29
Phase 3c - Building - Exterior	Forklifts	Diesel	Average	1.00	8.00	89.0	0.20
Phase 3c - Building - Exterior	Generator Sets	Diesel	Average	1.00	8.00	49.0	0.74
Phase 3c - Building - Exterior	Tractors/Loaders/Backhoes	Diesel	Average	1.00	7.00	124	0.37
Phase 3c - Building - Exterior	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Phase 3c - Building - Exterior	Aerial Lifts	Diesel	Average	2.00	8.00	63.0	0.31
Phase 3c - Building - Exterior	Pumps	Diesel	Average	1.00	8.00	49.0	0.74
Phase 3b - Paving	Pavers	Diesel	Average	1.00	8.00	132	0.42
Phase 3b - Paving	Rollers	Diesel	Average	1.00	8.00	80.0	0.38
Phase 3b - Paving	Excavators	Diesel	Average	1.00	8.00	158	0.38
Phase 3b - Paving	Skid Steer Loaders	Diesel	Average	1.00	8.00	65.0	0.37
Phase 3d - Building - Interior / Architectural	Air Compressors	Diesel	Average	1.00	8.00	49.0	0.48
Phase 3d - Building - Interior / Architectural	Aerial Lifts	Diesel	Average	2.00	6.00	63.0	0.31
Phase 3d - Building - Interior / Architectural	Generator Sets	Diesel	Average	1.00	8.00	49.0	0.74

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Phase 3a - Demolition	—	—	—	—
Phase 3a - Demolition	Worker	100	12.8	LDA,LDT1,LDT2
Phase 3a - Demolition	Vendor	8.00	20.0	HHDT,MHDT
Phase 3a - Demolition	Hauling	6.00	20.0	HHDT
Phase 3a - Demolition	Onsite truck	0.00	0.00	HHDT
Phase 3c - Building - Exterior	—	—	—	—
Phase 3c - Building - Exterior	Worker	100	12.8	LDA,LDT1,LDT2
Phase 3c - Building - Exterior	Vendor	56.0	20.0	HHDT,MHDT
Phase 3c - Building - Exterior	Hauling	0.00	20.0	HHDT
Phase 3c - Building - Exterior	Onsite truck	0.00	0.00	HHDT
Phase 3b - Paving	—	—	—	—
Phase 3b - Paving	Worker	100	12.8	LDA,LDT1,LDT2
Phase 3b - Paving	Vendor	48.0	20.0	HHDT,MHDT
Phase 3b - Paving	Hauling	0.00	20.0	HHDT
Phase 3b - Paving	Onsite truck	0.00	0.00	HHDT
Phase 3d - Building - Interior / Architectural	—	—	—	—
Phase 3d - Building - Interior / Architectural	Worker	100	12.8	LDA,LDT1,LDT2
Phase 3d - Building - Interior / Architectural	Vendor	8.00	20.0	HHDT,MHDT
Phase 3d - Building - Interior / Architectural	Hauling	0.00	20.0	HHDT
Phase 3d - Building - Interior / Architectural	Onsite truck	0.00	0.00	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Phase 3a - Demolition	—	—	—	—
Phase 3a - Demolition	Worker	100	12.8	LDA,LDT1,LDT2
Phase 3a - Demolition	Vendor	8.00	20.0	HHDT,MHDT
Phase 3a - Demolition	Hauling	6.00	20.0	HHDT
Phase 3a - Demolition	Onsite truck	0.00	0.00	HHDT
Phase 3c - Building - Exterior	—	—	—	—
Phase 3c - Building - Exterior	Worker	100	12.8	LDA,LDT1,LDT2
Phase 3c - Building - Exterior	Vendor	56.0	20.0	HHDT,MHDT
Phase 3c - Building - Exterior	Hauling	0.00	20.0	HHDT
Phase 3c - Building - Exterior	Onsite truck	0.00	0.00	HHDT
Phase 3b - Paving	—	—	—	—
Phase 3b - Paving	Worker	100	12.8	LDA,LDT1,LDT2
Phase 3b - Paving	Vendor	48.0	20.0	HHDT,MHDT
Phase 3b - Paving	Hauling	0.00	20.0	HHDT
Phase 3b - Paving	Onsite truck	0.00	0.00	HHDT
Phase 3d - Building - Interior / Architectural	—	—	—	—
Phase 3d - Building - Interior / Architectural	Worker	100	12.8	LDA,LDT1,LDT2
Phase 3d - Building - Interior / Architectural	Vendor	8.00	20.0	HHDT,MHDT
Phase 3d - Building - Interior / Architectural	Hauling	0.00	20.0	HHDT
Phase 3d - Building - Interior / Architectural	Onsite truck	0.00	0.00	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%
Sweep paved roads once per month	9%	9%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Phase 3d - Building - Interior / Architectural	0.00	0.00	21,000	7,000	659

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Phase 3a - Demolition	0.00	0.00	0.00	364	—
Phase 3b - Paving	0.00	0.00	0.00	0.00	0.80

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Library	0.00	0%

Parking Lot	0.80	100%
City Park	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2027	36,000	204	0.03	< 0.005
2028	36,000	204	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	7.57	annual days of extreme heat
Extreme Precipitation	6.10	annual days with precipitation above 20 mm
Sea Level Rise	0.50	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	10.6
AQ-PM	26.6
AQ-DPM	79.0
Drinking Water	42.7
Lead Risk Housing	59.0
Pesticides	0.00
Toxic Releases	33.9
Traffic	84.8
Effect Indicators	—
CleanUp Sites	50.3
Groundwater	94.1
Haz Waste Facilities/Generators	83.0
Impaired Water Bodies	77.3
Solid Waste	59.2
Sensitive Population	—
Asthma	11.1
Cardio-vascular	6.54
Low Birth Weights	28.8
Socioeconomic Factor Indicators	—

Education	13.1
Housing	61.9
Linguistic	30.0
Poverty	2.12
Unemployment	15.8

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	78.09572693
Employed	97.51058642
Median HI	69.74207622
Education	—
Bachelor's or higher	84.51174131
High school enrollment	13.01167715
Preschool enrollment	89.87552932
Transportation	—
Auto Access	33.77389965
Active commuting	86.84717054
Social	—
2-parent households	82.71525728
Voting	85.46131143
Neighborhood	—
Alcohol availability	21.87860901
Park access	81.35506224
Retail density	86.71885025
Supermarket access	52.05954061

Tree canopy	85.69228795
Housing	—
Homeownership	33.41460285
Housing habitability	50.35288079
Low-inc homeowner severe housing cost burden	35.60887976
Low-inc renter severe housing cost burden	63.17207751
Uncrowded housing	47.26036186
Health Outcomes	—
Insured adults	93.81496215
Arthritis	0.0
Asthma ER Admissions	80.9
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	82.0
Cognitively Disabled	80.8
Physically Disabled	60.6
Heart Attack ER Admissions	93.1
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	75.5
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—

Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	20.0
Children	51.6
Elderly	71.6
English Speaking	36.0
Foreign-born	53.2
Outdoor Workers	60.0
Climate Change Adaptive Capacity	—
Impervious Surface Cover	50.0
Traffic Density	81.7
Traffic Access	63.9
Other Indices	—
Hardship	5.1
Other Decision Support	—
2016 Voting	81.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	21.0
Healthy Places Index Score for Project Location (b)	90.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Project-specific construction data provided by applicant.
Construction: Trips and VMT	Project-specific construction data provided by applicant.
Construction: Off-Road Equipment	Project-specific construction data provided by applicant.
Construction: Dust From Material Movement	Project-specific construction data provided by applicant.
Construction: Paving	Project-specific construction data provided by applicant.
Construction: Architectural Coatings	Project-specific construction data provided by applicant.
Construction: Electricity	Project-specific construction data provided by applicant.

Energy Calculations

Electricity Consumption

Project Component	Electricity Consumption (kWh/yr)	Electricity Consumption (million BTU/yr)
Education Center	450,000	1,535
Total	450,000	1,535

Vehicle Fuel Consumption

Not quantified.

Stationary Source Consumption

Not quantified.

Summary

Condition	**Total Million BTU/Year**
Construction	
Total	31,626
Operational	
Onroad Mobile Sources*	-
Electricity Consumption	1,535
Natural Gas Consumption**	-
Stationary Source Consumption**	-
Total	1,535

BTU = British thermal units

*Not quantified.

**The Project would not use natural gas or include any stationary emission sources.

Construction Summary			
Year	Gasoline	Diesel	
2025	10,380	90,516	
2026	15,471	70,809	
2027	5,452	26,474	
2028	-	15,018	
Total	31,303	187,799	

Source	Usage (units vary)	Usage (million BTU)
Initial Construction (2025-2028)		
Electricity	0	0
Gasoline	31,303	3,763
Diesel	202,817	27,863
Total	-	31,626

1 gallon of motor gasoline	120,214	Btu
1 gallon of diesel fuel	137,381	Btu
1 megawatt hour	3,412,142	Btu

CO2 kilograms per gallon of fuel

Gasoline	8.78	Climate Registry: https://theclimateregistry.org/wp-content/uploads/2024/03/2024-Emission-Factor-Document_FINAL.pdf
Diesel	10.21	Climate Registry: https://theclimateregistry.org/wp-content/uploads/2024/03/2024-Emission-Factor-Document_FINAL.pdf

			CO2 (MT tons)					Gasoline (gallons)						Diesel (gallons)					
CalEEMod Phase	Year	Tab Name	Worker	Vendor	Hauling	OnSite Truck	Off-Road Equipment	Worker	Vendor	Hauling	OnSite Truck	Off-Road Equipment	Total	Worker	Vendor	Hauling	OnSite Truck	Off-Road Equipment	Total
3.1 Phase 0b - Stockpile Soil (2025) - Unmitigated	2025	0b - 2025	1.2	7.5	22.1	-	18.7	137	130	15	-	0	281	0	628	2,153	-	1,830	4,611
3.1 Phase 1a - Demolition/Site Preparation (2025) - Unmitigated	2025	1a - 2025	25.2	15.8	13.9	-	185.6	2,863	272	9	-	0	3,144	4	1,316	1,354	-	18,174	20,847
3.3 Phase 1b - Grading/Excavation (2025) - Unmitigated	2025	1b - 2025	38.7	24.3	142.7	-	431.0	4,404	419	95	-	0	4,918	5	2,024	13,891	-	42,210	58,130
3.5 Phase 1c - Trenching/Utilities (2025) - Unmitigated	2025	1c - 2025	11.6	7.3	4.3	-	24.2	1,321	126	3	-	0	1,450	2	607	417	-	2,366	3,391
3.7 Phase 1d - Specialty - Water Access Ramp (2025) - Unmitigated	2025	1d - 2025	4.7	3.0	-	-	33.6	535	51	-	-	0	586	1	246	-	-	3,289	3,536
3.9 Phase 1d - Specialty - Water Access Ramp (2026) - Unmitigated	2026	1e - 2026	10.8	6.8	-	-	79.0	1,233	118	-	-	0	1,351	1	567	-	-	7,741	8,309
3.1 Phase 2a - Grading/Excavation (2026) - Unmitigated	2026	2a - 2026	22.8	14.3	83.7	-	212.4	2,589	247	53	-	0	2,889	3	1,191	8,151	-	20,805	30,150
3.3 Phase 2b - Site - Piled Foundations (2026) - Unmitigated	2026	2b - 2026	11.4	39.4	-	-	29.0	1,295	680	-	-	0	1,974	2	3,275	-	-	2,842	6,119
3.5 Phase 2c - Building - Foundation (2026) - Unmitigated	2026	2c - 2026	11.4	46.6	-	-	26.5	1,295	803	-	-	0	2,098	2	3,870	-	-	2,594	6,466
3.7 Phase 2d - Paving and Sidewalks (2026) - Unmitigated	2026	2d - 2026	34.1	129.0	6.3	-	72.3	3,884	2,224	4	-	0	6,112	5	10,718	611	-	7,084	18,417
3.9 Phase 2e - Site - Electrical and Lighting (2026) - Unmitigated	2026	2e - 2026	8.4	5.3	-	-	9.3	956	91	-	-	0	1,047	1	439	-	-	908	1,348
3.11 Phase 2e - Site - Electrical and Lighting (2027) - Unmitigated	2027	2e - 2027	14.1	8.8	-	-	15.8	1,603	153	-	-	0	1,756	2	735	-	-	1,552	2,288
3.13 Phase 2f - Site - Landscaping (2027) - Unmitigated	2027	2f - 2027	29.0	22.8	-	-	59.3	3,303	393	-	-	0	3,696	4	1,892	-	-	5,812	7,708
3.1 Phase 3a - Demolition (2027) - Unmitigated	2027	3a - 2027	-	-	-	-	18.6	-	-	-	-	0	-	-	-	-	-	1,826	1,826
3.7 Phase 3b - Paving (2027) - Unmitigated	2027	3b - 2027	-	-	-	-	32.3	-	-	-	-	0	-	-	-	-	-	3,165	3,165
3.3 Phase 3c - Building - Exterior (2027) - Unmitigated	2027	3c - 2027	-	-	-	-	117.3	-	-	-	-	0	-	-	-	-	-	11,486	11,486
3.5 Phase 3c - Building - Exterior (2028) - Unmitigated	2028	3c - 2028	-	-	-	-	129.6	-	-	-	-	0	-	-	-	-	-	12,694	12,694
3.9 Phase 3d - Building - Interior / Architectural (2028) - Unmitigated	2028	3d - 2028	-	-	-	-	23.7	-	-	-	-	0	-	-	-	-	-	2,324	2,324

Hauling Trips

CO_2 Running Exhaust Summary (tons/day):

	Gasoline	Diesel	Total	Weighted Breakdown		
Year	HHDT	HHDT		Gasoline	Diesel	
2025	432.4	73,354	73,787	0.6%	99.4%	-
2026	401.2	72,101	72,502	0.6%	99.4%	-
2027	367.5	70,661	71,028	0.5%	99.5%	-
2028	333.9	69,025	69,359	0.5%	99.5%	-
CalEEMod fleet assumption:	100%	100%				

Vendor Trips

CO_2 Running Exhaust Summary (tons/day):

	Gasoline		Diesel		Total		
Year	HHDT	MHDT	HHDT	MHDT			
2025	432	29,452	73,354	69,928	173,167		
2026	401	29,467	72,101	69,625	171,594		
2027	367	29,309	70,661	69,082	169,419		
2028	334	28,947	69,025	68,170	166,475		
						Weighted Breakdown	
						Gasoline	Diesel
2025	0.6%	29.64%	99.4%	70.4%		15.1%	84.9% -
2026	0.6%	29.74%	99.4%	70.3%		15.1%	84.9% -
2027	0.5%	29.79%	99.5%	70.2%		15.2%	84.8% -
2028	0.5%	29.81%	99.5%	70.2%		15.1%	84.9% -
CalEEMod fleet assumption:	50%	50%	50%	50%			

Worker Trips

CO_2 Running Exhaust Summary (tons/day):

	Gasoline			Diesel				
Year	LDA	LDT1	LDT2	LDA	LDT1	LDT2	Total	
2025	728,600	85,873	617,275	1,354	12	2,201	1,433,115	
2026	692,014	83,413	619,222	1,174	10	2,197	1,395,832	
2027	661,577	81,417	622,182	1,017	3	2,198	1,366,196	
2028	634,851	79,623	624,678	883	2	2,196	1,340,037	
							Weighted Breakdown	
							Gasoline	Diesel
2025	99.8%	100.0%	99.6%	0.2%	0.0%	0.4%	99.9%	0.1% -
2026	99.8%	99.99%	99.6%	0.2%	0.01%	0.4%	99.9%	0.1% -
2027	99.8%	100.00%	99.6%	0.2%	0.00%	0.4%	99.9%	0.1% -
2028	99.9%	100.00%	99.6%	0.1%	0.00%	0.4%	99.9%	0.1% -
CalEEMod fleet assumption:	25%	50%	25%	25%	50%	25%		

OnSite Truck Trips

CO_2 Running Exhaust Summary (tons/day):

	Gasoline	Diesel		Weighted Breakdown	
Year	MHDT	MHDT	Total	Gasoline	Diesel
2025	29,452	69,928	99,380	29.6%	70.4% -
2026	29,467	69,625	99,092	29.7%	70.3% -
2027	29,309	69,082	98,391	29.8%	70.2% -
2028	28,947	68,170	97,117	29.8%	70.2% -
CalEEMod fleet assumption:	100%	100%			

410 Airport Project Construction Health Risk Assessment Protocol

Purpose

Evaluate health impacts (cancer and chronic risk) to off-site residential and worker receptors located near the project site from PM_{10} exhaust emissions from diesel-powered offroad equipment and diesel-powered trucks (DPM). Also evaluate the incremental increase in annual $PM_{2.5}$ from exhaust and fugitive dust emissions.

Analyses/Pollutants of Concern

- HRA (Cancer & Chronic Risk)/Diesel Particulate Matter (DPM) (modeled as PM_{10} exhaust)
- $PM_{2.5}$ Analysis/$PM_{2.5}$ (exhaust and fugitive dust)

Construction Emissions Sources

Unitized Emission Rate

For HRA and PM Analysis, all sources used a unitized emission rate approach to estimate actual concentrations. ***To reduce the number of modeling runs required, each source was modeled with a unit emission rate (1 g/s). Model output was a dispersion factor with units of concentration per unit emissions ([$\mu g/m^3$]/[g/s]). Following this approach, annual average concentrations resulted from multiplying the dispersion factor by an annual average emission rate (BAAQMD 2023)***.

- AERMOD output concentration [(ug/m^3)/(1g/s)] x Actual Emission rate (g/s) = Actual Concentration (ug/m^3)

Offroad Construction Equipment Emissions

Offroad equipment for construction was modeled in AERMOD as a polygon area source that encompassed the entire footprint of the project site. Exhaust emissions from offroad equipment were included in the HRA and $PM_{2.5}$ Analysis.

OFFROAD EQUIPMENT EXHAUST

AERMOD Source Name	Source Type:[1]	Release Height (m):[2]	Initial Vertical Dimension (m):[1]	Emission Rate (g/s):
OFFROAD	Polygon Area	5.0	2.15	1.0

[1] BAAQMD. 2023. *Appendix E: Recommended Methods for Screening and Modeling Local Risks and Hazards*. August. Available: https://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/ceqa-guidelines-2022/appendix-e-recommended-methods-for-screening-and-modeling-local-risks-and-hazards_final-pdf.pdf?sc_lang=en.

[2] SMAQMD. 2013. *Dispersion modeling of Construction-Generated PM10 emissions*. July. Available: https://www.airquality.org/LandUseTransportation/Documents/Ch3PMDispersionModelingGuidanceFINAL7-2013.pdf.

Onsite Dust Emissions

Onsite dust emissions were modeled in AERMOD as a polygon area source that encompassed the entire footprint of the project site. Onsite dust emissions included fugitive dust emissions from bulldozing, grading, and truck loading. Onsite dust emissions were only included in the $PM_{2.5}$ Analysis.

ONSITE DUST

AERMOD Source Name	Source Type:[2]	Release Height (m):[2]	Initial Vertical Dimension (m):[2]	Emission Rate (g/s):
OFF_DST	Polygon Area	0.0	1.0	1.0

[1] BAAQMD. 2023. *Appendix E: Recommended Methods for Screening and Modeling Local Risks and Hazards*. August. Available: https://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/ceqa-guidelines-2022/appendix-e-recommended-methods-for-screening-and-modeling-local-risks-and-hazards_final-pdf.pdf?sc_lang=en.
[2] SMAQMD. 2013. *Dispersion modeling of Construction-Generated PM10 emissions*. July. Available: https://www.airquality.org/LandUseTransportation/Documents/Ch3PMDispersionModelingGuidanceFINAL7-2013.pdf.

Onroad Exhaust and Dust Emissions

Onroad exhaust emissions were modeled as a line volume source with the parameters listed below. DPM exhaust emissions from vendor and haul trucks were included in the HRA. Dust emissions from workers, vendors, and haul trucks were included in the $PM_{2.5}$ analysis.

ONROAD EXHAUST and Dust

AERMOD Source Name	Source Type	Source Length (m)	Road Width (m)[1]	Plume Width (m)[2]	Plume Height (m)[2]	Vehicle Height (m)[3]	Initial Vertical Dimension (m)[3]	Release Height (m)[3]	Emission Rate (g/s)
ONROAD	Line Volume	928.1	21.95	27.95	6.8	4.0	3.16	3.4	1.0
ONROAD_W	Line Volume	928.1	21.95	27.95	2.6	1.53	1.21	1.3	1.0

[1] Road width measured using Google Earth.
[2] BAAQMD. 2023. *Appendix E: Recommended Methods for Screening and Modeling Local Risks and Hazards*. August. Available: https://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/ceqa-guidelines-2022/appendix-e-recommended-methods-for-screening-and-modeling-local-risks-and-hazards_final-pdf.pdf?sc_lang=en.

Additional Modeling Details

- Averaging Times:
  - PM_{10} (DPM)/$PM_{2.5}$: PERIOD
- Receptor Height (BAAQMD 2023): 1.5 meters.
- Receptor Spacing (BAAQMD 2023): 10 meters.
  - *Guidance has rule of thumb of no larger than 25 meters out to 200 meters from project boundary. Our analysis uses tighter spacing at 10 meters, which would be consistent with guidance.*
- Met Data (BAAQMD 2022): San Francisco Intl Airport (KSFO)
  - Met Years: January 1, 2013 to December 31, 2017.
  - Elevation: 2.4 meters.
- Variable Emission Rates: 7AM-3PM Monday – Friday (8 hours to be consistent with equipment usage hours)
- San Mateo County Population (Census 2024): 728,929

Thresholds

Analysis Type	Cancer Risk (per million)	Chronic Hazard Index	Annual $PM_{2.5}$ (ug/m^3)
Project-level	10.0	1.0	0.3
Cumulative	100.0	10.0	0.8
Source: BAAQMD 2023b			

Health Risk Methodology

The different exposure factors and cancer risk calculations are shown below. These parameters and factors are based off the BAAQMD 2023 CEQA Guidelines.

Residential

Exposure Factors by Age Bin- Construction

RESIDENTIAL - Diesel Particulate Matter

Parameter		Abbr.	3rd Tri	0<2	2<16	16<30
Daily Breathing Rate (mg/kg/day)[1]		DBR	361	1,090	572	--
Inhalation Absorption Factor (unitless)		A	1.0	1.0	1.0	--
Exposure Frequency (unitless)[2]		EF	0.96	0.96	0.96	--
Conversion Factor (ug to mg, L to m^3)		CF	1.00E-06	1.00E-06	1.00E-06	--
Age Sensitivity Factors (unitless)		ASF	10	10	3	--
Exposure Durations (years)		ED	**0.25**	**2.00**	**1.12**	--
Averaging Time for Lifetime (years)		AT	70	70	70	--
Fraction of Time at Home(unitless)		FAH	1.0	1.0	1.0	--
Cancer Conversion Factor (unitless)		CCF	1.00E+06	1.00E+06	1.00E+06	--
Cancer Potency Factor (mg/kg-day)$^{-1}$	DPM	CPF	1.1	1.1	1.1	--

Source: BAAQMD 2023a.
[1] 95th percentile DBR for 3rd Tri & 0<2, 80th percentile for other age groups
[2] Exposure frequency based on 350 days per year.
1.00E-6 = 0.000001
1.00E+6 = 1,000,000

Worker

Exposure Factors by Age Bin- Construction

WORKER - Diesel Particulate Matter

Parameter	Abbr.	16<30
Daily Breathing Rate (mg/kg/day)	DBR	240
Inhalation Absorption Factor (unitless)	A	1
Exposure Frequency (unitless)	EF	0.68
Conversion Factor (ug to mg, L to m^3)	CF	1.00E-06
Age Sensitivity Factor (unitless)	ASF	1
Exposure Duration (years)	ED	**3.37**
Averaging Time for Lifetime (years)	AT	70
Fraction of Time at Home (unitless)	FAH	1
Worker Adjustment Factor (unitless)	WAF	4.2
Cancer Conversion Factor (unitless)	CCF	1.00E+06
Cancer Potency Factor (mg/kg/day)$^{-1}$	CPF	1.1

Source: BAAQMD 2023a.
1. 95th percentile for 16<30, moderate intensity.
2. Based on 250 days/365 days per year
3. Different exposure durations were used for each of the three building alternatives and Ardenwood Station.

References:

BAAQMD. 2022. AERMOD-Ready Meteorological Data Sets for 35 Sites in the Bay Area. November 15. Available: https://www.baaqmd.gov/plans-and-climate/california-environmental-quality-act-ceqa/ceqa-tools/ceqa-modeling-datahttps://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/ceqa-guidelines-2022/ceqa-guidelines-chapter-3-thresholds_final_v2-pdf.pdf?rev=a976830cce0c4a6bb624b020f72d25b3

BAAQMD. 2023a. 2022 CEQA Guidelines – Appendix E: Recommended Methods for Screening and Modeling Local Risks and Hazards. August 28. Available: https://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/ceqa-guidelines-2022/appendix-e-recommended-methods-for-screening-and-modeling-local-risks-and-hazards_final-pdf.pdf?rev=b8917a27345a4a629fc18fc8650951e4.

BAAQMD. 2023b. 2022 CEQA Guidelines – Chapter 3, Thresholds of Significance. April 20. Available: https://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/ceqa-guidelines-2022/ceqa-guidelines-chapter-3-thresholds_final_v2-pdf.pdf?rev=a976830cce0c4a6bb624b020f72d25b3

United States Census Bureau. 2024. San Mateo County. 2022 Population Estimates. Available: https://www.census.gov/quickfacts/fact/table/sanmateocountycalifornia/PST045223.

USEPA. 2012. Haul Road Working Group Final Report. March. https://www3.epa.gov/scram001/reports/Haul_Road_Workgroup-Final_Report_Package-20120302.pdf.

-Road width plus 6 meters to account for vehicle turbulence
-Plume height= Vehicle height x 1.7

AERMOD Setup

410 Airport Boulevard Project

Construction HRA Setup

Legend

- AERMOD Area Source_OFF_DST
- AERMOD AREA Source_OFFROAD
- Line Volume Sources (Vehicle Trips)
- Modeled Sensitive Receptors (Worker and Residential)

410 Airport Boulevard - Unmitigated
HRA Summary
Construction Only - Cancer Risk, Chronic Risk, and Exhaust PM2.5

Receptor Type	Cancer Risk[1]	Chronic HI[1]	Annual $PM_{2.5}$ (ug/m^3)
Resident[2]	8.16	0.007	0.07
Worker	2.78	0.033	0.35
BAAQMD Threshold	10	1.0	0.30
Exceeds Threshold?	**No**	**No**	**Yes**

Notes:

1. The cancer risk and Chronic HI were calculated using PM10 Exhaust emissions, a surrogated for DPM.

2. Conservatively assumed that the nearby hotel uses are residential. There are no residential uses within 1,000 feet of the Project site.

Cancer Risk

Workdays/week 5 <-Update for each project

Days per Age Bin	3rd Tri	0<2	2<16	0<2 Total Days	0<2 Duration (years)	Total Duration
Start Date:	1/31/2025	5/2/2025	5/3/2027			
End Date:	5/1/2025	5/2/2027	6/16/2028			
Total Workdays	**65**	**521**	**295**	730	2.00	3.38

DPM Emissions

Offroad Heavy Duty Equipment Exhaust

					DPM		Days per Age Group			Weighted Emission Rate (g/s)		
Phase Name	**Start**	**End**	**Workdays**	**Daily Usage (hours/day)**	**Daily Exhaust PM10 (lb/day)**	**Daily Emission Rate (g/s)**	**3rd Tri**	**0<2**	**2<16**	**3rd Tri**	**0<2**	**2<16**
Phase 0b - Stockpile soil	1/31/2025	3/15/2025	31	8	0.380	0.00598	31	0	0	2.85E-03	0.00E+00	0.00E+00
Phase 1a - Demolition/Site Preparation	3/15/2025	6/15/2025	65	8	1.100	0.01732	34	31	0	9.06E-03	1.03E-03	0.00E+00
Phase 1b - Grading/Excavation	6/15/2025	10/31/2025	100	8	1.650	0.02599	0	100	0	0.00E+00	4.99E-03	0.00E+00
Phase 1c - Trenching/Utilities	11/1/2025	12/14/2025	30	8	0.320	0.00504	0	30	0	0.00E+00	2.90E-04	0.00E+00
Phase 1d - Specialty - Water Access Ramp - 2025	12/15/2025	12/31/2025	13	8	0.660	0.01039	0	13	0	0.00E+00	2.59E-04	0.00E+00
Phase 1d - Specialty - Water Access Ramp - 2026	1/1/2026	2/9/2026	28	8	0.590	0.00929	0	28	0	0.00E+00	4.99E-04	0.00E+00
Phase 2a - Grading/Excavation	2/10/2026	5/4/2026	60	8	1.360	0.02142	0	60	0	0.00E+00	2.47E-03	0.00E+00
Phase 2b - Site - Piled Foundations	5/5/2026	6/15/2026	30	8	0.200	0.00315	0	30	0	0.00E+00	1.81E-04	0.00E+00
Phase 2c - Building - Foundation	6/16/2026	7/27/2026	30	8	0.170	0.00268	0	30	0	0.00E+00	1.54E-04	0.00E+00
Phase 2d - Paving and Sidewalks	7/28/2026	11/30/2026	90	8	0.280	0.00441	0	90	0	0.00E+00	7.62E-04	0.00E+00
Phase 2e - Site - Electrical and Lighting	12/1/2026	12/31/2026	23	8	0.070	0.00110	0	23	0	0.00E+00	4.87E-05	0.00E+00
Phase 2e - Site - Electrical and Lighting	1/1/2027	2/22/2027	37	8	0.070	0.00110	0	37	0	0.00E+00	7.83E-05	0.00E+00
Phase 2f - Site - Landscaping	2/23/2027	6/10/2027	78	8	0.140	0.00220	0	49	29	0.00E+00	2.07E-04	2.17E-04
Phase 3a - Demolition	6/11/2027	7/1/2027	15	8	0.460	0.00724	0	0	15	0.00E+00	0.00E+00	3.68E-04
Phase 3c - Building - Exterior	8/2/2027	12/31/2027	110	8	0.300	0.00472	0	0	110	0.00E+00	0.00E+00	1.76E-03
Phase 3c - Building - Exterior	1/1/2028	6/16/2028	120	8	0.260	0.00409	0	0	120	0.00E+00	0.00E+00	1.67E-03
Phase 3b - Paving	7/2/2027	9/2/2027	45	8	0.190	0.00299	0	0	45	0.00E+00	0.00E+00	4.56E-04
Phase 3d - Building - Interior / Architectural	3/25/2028	6/16/2028	60	8	0.080	0.00126	0	0	60	0.00E+00	0.00E+00	2.56E-04
									OFFROAD	1.19E-02	1.10E-02	4.73E-03

Vendor/Haul Trucks Exhaust - Onroad					DPM		Days per Age Group			Weighted Emission Rate (g/s)		
Phase Name	Start	End	Workdays	Daily Usage (hours/day)	Daily Exhaust PM10 (lb/day)	Daily Emission Rate (g/s)	3rd Tri	0<2	2<16	3rd Tri	0<2	2<16
Phase 0b - Stockpile soil	1/31/2025	3/15/2025	31	8	5.17E-04	0.000008	31	0	0	3.89E-06	0.00E+00	0.00E+00
Phase 1a - Demolition/Site Preparation	3/15/2025	6/15/2025	65	8	2.85E-04	0.000004	34	31	0	2.35E-06	2.68E-07	0.00E+00
Phase 1b - Grading/Excavation	6/15/2025	10/31/2025	100	8	8.48E-04	0.000013	0	100	0	0.00E+00	2.56E-06	0.00E+00
Phase 1c - Trenching/Utilities	11/1/2025	12/14/2025	30	8	2.52E-04	0.000004	0	30	0	0.00E+00	2.29E-07	0.00E+00
Phase 1d - Specialty - Water Access Ramp - 2025	12/15/2025	12/31/2025	13	8	1.86E-04	0.000003	0	13	0	0.00E+00	7.32E-08	0.00E+00
Phase 1d - Specialty - Water Access Ramp - 2026	1/1/2026	2/9/2026	28	8	1.64E-04	0.000003	0	28	0	0.00E+00	1.39E-07	0.00E+00
Phase 2a - Grading/Excavation	2/10/2026	5/4/2026	60	8	7.97E-04	0.000013	0	60	0	0.00E+00	1.45E-06	0.00E+00
Phase 2b - Site - Piled Foundations	5/5/2026	6/15/2026	30	8	9.00E-04	0.000014	0	30	0	0.00E+00	8.16E-07	0.00E+00
Phase 2c - Building - Foundation	6/16/2026	7/27/2026	30	8	1.06E-03	0.000017	0	30	0	0.00E+00	9.65E-07	0.00E+00
Phase 2d - Paving and Sidewalks	7/28/2026	11/30/2026	90	8	1.01E-03	0.000016	0	90	0	0.00E+00	2.76E-06	0.00E+00
Phase 2e - Site - Electrical and Lighting	12/1/2026	12/31/2026	23	8	1.64E-04	0.000003	0	23	0	0.00E+00	1.14E-07	0.00E+00
Phase 2e - Site - Electrical and Lighting	1/1/2027	2/22/2027	37	8	1.45E-04	0.000002	0	37	0	0.00E+00	1.62E-07	0.00E+00
Phase 2f - Site - Landscaping	2/23/2027	6/10/2027	78	8	1.81E-04	0.000003	0	49	29	0.00E+00	2.68E-07	2.80E-07
Phase 3a - Demolition	6/11/2027	7/1/2027	15	8	2.36E-04	0.000004	0	0	15	0.00E+00	0.00E+00	1.89E-07
Phase 3c - Building - Exterior	8/2/2027	12/31/2027	110	8	1.01E-03	0.000016	0	0	110	0.00E+00	0.00E+00	5.95E-06
Phase 3c - Building - Exterior	1/1/2028	6/16/2028	120	8	7.71E-04	0.000012	0	0	120	0.00E+00	0.00E+00	4.94E-06
Phase 3b - Paving	7/2/2027	9/2/2027	45	8	8.69E-04	0.000014	0	0	45	0.00E+00	0.00E+00	2.09E-06
Phase 3d - Building - Interior / Architectural	3/25/2028	6/16/2028	60	8	1.29E-04	0.000002	0	0	60	0.00E+00	0.00E+00	4.12E-07
									ONROAD	6.24E-06	9.80E-06	1.39E-05

Workdays/week 5 <-Update for each project

Days per Age Bin	2<16 and 16<40		2<16 and 16<40	Duration (years)
Start Date:	1/31/2025			
End Date:	6/16/2028			
Total Workdays	**881**	**0**	1232	3.38

Cancer Risk - School/Workers

DPM Emissions

Offroad Heavy Duty Equipment Exhaust

Phase Name	Start	End	Workdays	Daily Usage (hours/day)	DPM Daily Exhaust PM10 (lb/day)	DPM Daily Emission Rate (g/s)	Days per Age Group 2<16 and 16<40	Weighted Emission Rate (g/s) 2<16 and 16<40
Phase 0b - Stockpile soil	1/31/2025	3/15/2025	31	8	0.380	0.00598	31	2.11E-04
Phase 1a - Demolition/Site Preparation	3/15/2025	6/15/2025	65	8	1.100	0.01732	65	1.28E-03
Phase 1b - Grading/Excavation	6/15/2025	10/31/2025	100	8	1.650	0.02599	100	2.95E-03
Phase 1c - Trenching/Utilities	11/1/2025	12/14/2025	30	8	0.320	0.00504	30	1.72E-04
Phase 1d - Specialty - Water Access Ramp - 2025	12/15/2025	12/31/2025	13	8	0.660	0.01039	13	1.53E-04
Phase 1d - Specialty - Water Access Ramp - 2026	1/1/2026	2/9/2026	28	8	0.590	0.00929	28	2.95E-04
Phase 2a - Grading/Excavation	2/10/2026	5/4/2026	60	8	1.360	0.02142	60	1.46E-03
Phase 2b - Site - Piled Foundations	5/5/2026	6/15/2026	30	8	0.200	0.00315	30	1.07E-04
Phase 2c - Building - Foundation	6/16/2026	7/27/2026	30	8	0.170	0.00268	30	9.12E-05
Phase 2d - Paving and Sidewalks	7/28/2026	11/30/2026	90	8	0.280	0.00441	90	4.51E-04
Phase 2e - Site - Electrical and Lighting	12/1/2026	12/31/2026	23	8	0.070	0.00110	23	2.88E-05
Phase 2e - Site - Electrical and Lighting	1/1/2027	2/22/2027	37	8	0.070	0.00110	37	4.63E-05
Phase 2f - Site - Landscaping	2/23/2027	6/10/2027	78	8	0.140	0.00220	78	1.95E-04
Phase 3a - Demolition	6/11/2027	7/1/2027	15	8	0.470	0.00740	15	1.26E-04
Phase 3c - Building - Exterior	8/2/2027	12/31/2027	110	8	0.190	0.00299	110	3.74E-04
Phase 3c - Building - Exterior	1/1/2028	6/16/2028	120	8	0.250	0.00394	120	5.36E-04
Phase 3b - Paving	7/2/2027	9/2/2027	45	8	0.220	0.00346	45	1.77E-04
Phase 3d - Building - Interior / Architectural	3/25/2028	6/16/2028	60	8	0.080	0.00126	60	8.58E-05
							OFFROAD	8.74E-03

Vendor/Haul Trucks Exhaust - Onroad					DPM		Days per Age Group	Weighted Emission Rate (g/s)
Phase Name	Start	End	Workdays	Daily Usage (hours/day)	Daily Exhaust PM10 (lb/day)	Daily Emission Rate (g/s)	2<16 and 16<40	2<16 and 16<40
Phase 0b - Stockpile soil	1/31/2025	3/15/2025	31	8	5.173E-04	0.000008	31	2.87E-07
Phase 1a - Demolition/Site Preparation	3/15/2025	6/15/2025	65	8	2.855E-04	0.000004	65	3.32E-07
Phase 1b - Grading/Excavation	6/15/2025	10/31/2025	100	8	8.484E-04	0.000013	65	9.86E-07
Phase 1c - Trenching/Utilities	11/1/2025	12/14/2025	30	8	2.524E-04	0.000004	100	4.51E-07
Phase 1d - Specialty - Water Access Ramp - 2025	12/15/2025	12/31/2025	13	8	1.862E-04	0.000003	30	9.98E-08
Phase 1d - Specialty - Water Access Ramp - 2026	1/1/2026	2/9/2026	28	8	1.637E-04	0.000003	13	3.80E-08
Phase 2a - Grading/Excavation	2/10/2026	5/4/2026	60	8	7.974E-04	0.000013	28	3.99E-07
Phase 2b - Site - Piled Foundations	5/5/2026	6/15/2026	30	8	9.002E-04	0.000014	60	9.66E-07
Phase 2c - Building - Foundation	6/16/2026	7/27/2026	30	8	1.064E-03	0.000017	30	5.71E-07
Phase 2d - Paving and Sidewalks	7/28/2026	11/30/2026	90	8	1.014E-03	0.000016	30	5.44E-07
Phase 2e - Site - Electrical and Lighting	12/1/2026	12/31/2026	23	8	1.637E-04	0.000003	90	2.63E-07
Phase 2e - Site - Electrical and Lighting	1/1/2027	2/22/2027	37	8	1.448E-04	0.000002	23	5.95E-08
Phase 2f - Site - Landscaping	2/23/2027	6/10/2027	78	8	1.810E-04	0.000003	37	1.20E-07
Phase 3a - Demolition	6/11/2027	7/1/2027	15	8	2.360E-04	0.000004	78	3.29E-07
Phase 3c - Building - Exterior	8/2/2027	12/31/2027	110	8	1.013E-03	0.000016	15	2.72E-07
Phase 3c - Building - Exterior	1/1/2028	6/16/2028	120	8	7.712E-04	0.000012	110	1.52E-06
Phase 3b - Paving	7/2/2027	9/2/2027	45	8	8.687E-04	0.000014	120	1.86E-06
Phase 3d - Building - Interior / Architectural	3/25/2028	6/16/2028	60	8	1.285E-04	0.000002	45	1.03E-07
							ONROAD	9.20E-06

Workdays/week	5	
Days per Age Bin	**Year 1**	**Year 2**	**Year 3**	**Year 4**
Start Date:	1/31/2025	2/1/2026	2/2/2027	2/3/2028
End Date:	1/31/2026	2/1/2027	2/2/2028	6/16/2028
Total Workdays	**261**	**261**	**262**	**97**

Chronic Risk (Non-Cancer)

Offroad Heavy Duty Equipment Exhaust

						PM10		Days per CSTN Year				Weighted Emission Rate (g/s)			
	Phase Name	**Start**	**End**	**Workdays**	**Daily Usage (hours/day)**	**Daily Exhaust PM10 (lb/day)**	**Daily Emission Rate (g/s)**	**Year 1**	**Year 2**	**Year 3**	**Year 4**	**Year 1**	**Year 2**	**Year 3**	**Year 4**
EXHAUST	Phase 0b - Stockpile soil	1/31/2025	3/15/2025	31	8	0.38	5.98E-03	31	0	0	0	2.06E-03	0.00E+00	0.00E+00	0.00E+00
	Phase 1a - Demolition/Site Preparatior	3/15/2025	6/15/2025	65	8	1.10	1.73E-02	65	0	0	0	4.31E-03	0.00E+00	0.00E+00	0.00E+00
	Phase 1b - Grading/Excavation	6/15/2025	10/31/2025	100	8	1.65	2.60E-02	100	0	0	0	9.96E-03	0.00E+00	0.00E+00	0.00E+00
	Phase 1c - Trenching/Utilities	11/1/2025	12/14/2025	30	8	0.32	5.04E-03	30	0	0	0	5.79E-04	0.00E+00	0.00E+00	0.00E+00
	Phase 1d - Specialty - Water Access Ra	12/15/2025	12/31/2025	13	8	0.66	1.04E-02	13	0	0	0	5.18E-04	0.00E+00	0.00E+00	0.00E+00
	Phase 1d - Specialty - Water Access Ra	1/1/2026	2/9/2026	28	8	0.59	9.29E-03	22	6	0	0	7.83E-04	2.14E-04	0.00E+00	0.00E+00
	Phase 2a - Grading/Excavation	2/10/2026	5/4/2026	60	8	1.10	1.73E-02	0	60	0	0	0.00E+00	3.98E-03	0.00E+00	0.00E+00
	Phase 2b - Site - Piled Foundations	5/5/2026	6/15/2026	30	8	1.65	2.60E-02	0	30	0	0	0.00E+00	2.99E-03	0.00E+00	0.00E+00
	Phase 2c - Building - Foundation	6/16/2026	7/27/2026	30	8	0.32	5.04E-03	0	30	0	0	0.00E+00	5.79E-04	0.00E+00	0.00E+00
	Phase 2d - Paving and Sidewalks	7/28/2026	11/30/2026	90	8	0.66	1.04E-02	0	90	0	0	0.00E+00	3.58E-03	0.00E+00	0.00E+00
	Phase 2e - Site - Electrical and Lighting	12/1/2026	12/31/2026	23	8	0.59	9.29E-03	0	23	0	0	0.00E+00	8.19E-04	0.00E+00	0.00E+00
	Phase 2e - Site - Electrical and Lighting	1/1/2027	2/22/2027	37	8	1.10	1.73E-02	0	22	15	0	0.00E+00	1.46E-03	9.92E-04	0.00E+00
	Phase 2f - Site - Landscaping	2/23/2027	6/10/2027	78	8	1.65	2.60E-02	0	0	78	0	0.00E+00	0.00E+00	7.74E-03	0.00E+00
	Phase 3a - Demolition	6/11/2027	7/1/2027	15	8	0.32	5.04E-03	0	0	15	0	0.00E+00	0.00E+00	2.89E-04	0.00E+00
	Phase 3c - Building - Exterior	8/2/2027	12/31/2027	110	8	0.66	1.04E-02	0	0	110	0	0.00E+00	0.00E+00	4.36E-03	0.00E+00
	Phase 3c - Building - Exterior	1/1/2028	6/16/2028	120	8	0.59	9.29E-03	0	0	28	92	0.00E+00	0.00E+00	9.93E-04	8.81E-03
	Phase 3b - Paving	7/2/2027	9/2/2027	45	8	1.10	1.73E-02	0	0	45	0	0.00E+00	0.00E+00	2.98E-03	0.00E+00
	Phase 3d - Building - Interior / Architect	3/25/2028	6/16/2028	60	8	1.65	2.60E-02	0	0	0	60	0.00E+00	0.00E+00	0.00E+00	1.61E-02
											OFFROAD	1.82E-02	1.36E-02	1.73E-02	2.49E-02

Vendor/Haul Trucks Exhaust

						PM10		Days per CSTN Year				Weighted Emission Rate (g/s)			
	Phase Name	**Start**	**End**	**Workdays**	**Daily Usage (hours/day)**	**Daily Exhaust PM10 (lb/day)**	**Daily Emission Rate (g/s)**	**Year 1**	**Year 2**	**Year 3**	**Year 4**	**Year 1**	**Year 2**	**Year 3**	**Year 4**
EXHAUST	Phase 0b - Stockpile soil	1/31/2025	3/15/2025	31	8	5.17E-04	8.15E-06	31	0	0	0	9.68E-07	0.00E+00	0.00E+00	0.00E+00
	Phase 1a - Demolition/Site Preparatior	3/15/2025	6/15/2025	65	8	2.85E-04	4.50E-06	65	0	0	0	1.12E-06	0.00E+00	0.00E+00	0.00E+00
	Phase 1b - Grading/Excavation	6/15/2025	10/31/2025	100	8	8.48E-04	1.34E-05	100	0	0	0	5.12E-06	0.00E+00	0.00E+00	0.00E+00
	Phase 1c - Trenching/Utilities	11/1/2025	12/14/2025	30	8	2.52E-04	3.98E-06	30	0	0	0	4.57E-07	0.00E+00	0.00E+00	0.00E+00
	Phase 1d - Specialty - Water Access Ra	12/15/2025	12/31/2025	13	8	1.86E-04	2.93E-06	13	0	0	0	1.46E-07	0.00E+00	0.00E+00	0.00E+00
	Phase 1d - Specialty - Water Access Ra	1/1/2026	2/9/2026	28	8	1.64E-04	2.58E-06	22	6	0	0	2.17E-07	5.93E-08	0.00E+00	0.00E+00
	Phase 2a - Grading/Excavation	2/10/2026	5/4/2026	60	8	7.97E-04	1.26E-05	0	60	0	0	0.00E+00	2.89E-06	0.00E+00	0.00E+00
	Phase 2b - Site - Piled Foundations	5/5/2026	6/15/2026	30	8	9.00E-04	1.42E-05	0	30	0	0	0.00E+00	1.63E-06	0.00E+00	0.00E+00
	Phase 2c - Building - Foundation	6/16/2026	7/27/2026	30	8	1.06E-03	1.68E-05	0	30	0	0	0.00E+00	1.93E-06	0.00E+00	0.00E+00
	Phase 2d - Paving and Sidewalks	7/28/2026	11/30/2026	90	8	1.01E-03	1.60E-05	0	90	0	0	0.00E+00	5.51E-06	0.00E+00	0.00E+00
	Phase 2e - Site - Electrical and Lighting	12/1/2026	12/31/2026	23	8	1.64E-04	2.58E-06	0	23	0	0	0.00E+00	2.27E-07	0.00E+00	0.00E+00
	Phase 2e - Site - Electrical and Lighting	1/1/2027	2/22/2027	37	8	1.45E-04	2.28E-06	0	22	15	0	0.00E+00	1.92E-07	1.31E-07	0.00E+00
	Phase 2f - Site - Landscaping	2/23/2027	6/10/2027	78	8	1.81E-04	2.85E-06	0	0	78	0	0.00E+00	0.00E+00	8.49E-07	0.00E+00
	Phase 3a - Demolition	6/11/2027	7/1/2027	15	8	2.36E-04	3.72E-06	0	0	15	0	0.00E+00	0.00E+00	2.13E-07	0.00E+00
	Phase 3c - Building - Exterior	8/2/2027	12/31/2027	110	8	1.01E-03	1.60E-05	0	0	110	0	0.00E+00	0.00E+00	6.70E-06	0.00E+00
	Phase 3c - Building - Exterior	1/1/2028	6/16/2028	120	8	7.71E-04	1.21E-05	0	0	28	92	0.00E+00	0.00E+00	1.30E-06	1.15E-05
	Phase 3b - Paving	7/2/2027	9/2/2027	45	8	8.69E-04	1.37E-05	0	0	45	0	0.00E+00	0.00E+00	2.35E-06	0.00E+00
	Phase 3d - Building - Interior / Architect	3/25/2028	6/16/2028	60	8	1.29E-04	2.02E-06	0	0	0	60	0.00E+00	0.00E+00	0.00E+00	1.25E-06
											ONROAD	8.03E-06	1.24E-05	1.15E-05	1.28E-05

Annual PM2.5

Workdays/week 5

Days per Age Bin	Year 1	Year 2	Year 3	Year 4
Start Date:	1/31/2025	2/1/2026	2/2/2027	2/3/2028
End Date:	1/31/2026	2/1/2027	2/2/2028	6/16/2028
Total Workdays	**261**	**261**	**262**	**97**

PM2.5 Emissions

Offroad Heavy Duty Equipment Exhaust

						PM2.5		Days per CSTN Year				Weighted Emission Rate (g/s)			
	Phase Name	**Start**	**End**	**Workdays**	**Daily Usage (hours/day)**	**Daily Exhaust PM2.5 (lb/day)**	**Daily Emission Rate (g/s)**	**Year 1**	**Year 2**	**Year 3**	**Year 4**	**Year 1**	**Year 2**	**Year 3**	**Year 4**
	Phase 0b - Stockpile soil	1/31/2025	3/15/2025	31	8	0.35	5.51E-03	31	0	0	0	6.55E-04	0.00E+00	0.00E+00	0.00E+00
	Phase 1a - Demolition/Site Preparation	3/15/2025	6/15/2025	65	8	1.02	1.61E-02	65	0	0	0	4.00E-03	0.00E+00	0.00E+00	0.00E+00
	Phase 1b - Grading/Excavation	6/15/2025	10/31/2025	100	8	1.52	2.39E-02	100	0	0	0	9.17E-03	0.00E+00	0.00E+00	0.00E+00
	Phase 1c - Trenching/Utilities	11/1/2025	12/14/2025	30	8	0.30	4.72E-03	30	0	0	0	5.43E-04	0.00E+00	0.00E+00	0.00E+00
	Phase 1d - Specialty - Water Access Ramp - 2025	12/15/2025	12/31/2025	13	8	0.60	9.45E-03	13	0	0	0	4.71E-04	0.00E+00	0.00E+00	0.00E+00
	Phase 1d - Specialty - Water Access Ramp - 2026	1/1/2026	2/9/2026	28	8	0.54	8.50E-03	22	6	0	0	7.17E-04	1.96E-04	0.00E+00	0.00E+00
	Phase 2a - Grading/Excavation	2/10/2026	5/4/2026	60	8	1.25	1.97E-02	0	60	0	0	0.00E+00	4.53E-03	0.00E+00	0.00E+00
EXHAUST	Phase 2b - Site - Piled Foundations	5/5/2026	6/15/2026	30	8	0.18	2.83E-03	0	30	0	0	0.00E+00	3.26E-04	0.00E+00	0.00E+00
	Phase 2c - Building - Foundation	6/16/2026	7/27/2026	30	8	0.16	2.52E-03	0	30	0	0	0.00E+00	2.90E-04	0.00E+00	0.00E+00
	Phase 2d - Paving and Sidewalks	7/28/2026	11/30/2026	90	8	0.26	4.09E-03	0	90	0	0	0.00E+00	1.41E-03	0.00E+00	0.00E+00
	Phase 2e - Site - Electrical and Lighting	12/1/2026	12/31/2026	23	8	0.07	1.10E-03	0	23	0	0	0.00E+00	9.72E-05	0.00E+00	0.00E+00
	Phase 2e - Site - Electrical and Lighting	1/1/2027	2/22/2027	37	8	0.06	9.45E-04	0	22	15	0	0.00E+00	7.97E-05	5.41E-05	0.00E+00
	Phase 2f - Site - Landscaping	2/23/2027	6/10/2027	78	8	0.13	2.05E-03	0	0	78	0	0.00E+00	0.00E+00	6.10E-04	0.00E+00
	Phase 3a - Demolition	6/11/2027	7/1/2027	15	8	0.43	6.77E-03	0	0	15	0	0.00E+00	0.00E+00	3.88E-04	0.00E+00
	Phase 3c - Building - Exterior	8/2/2027	12/31/2027	110	8	0.27	4.25E-03	0	0	110	0	0.00E+00	0.00E+00	1.79E-03	0.00E+00
	Phase 3c - Building - Exterior	1/1/2028	6/16/2028	120	8	0.24	3.78E-03	0	0	28	92	0.00E+00	0.00E+00	4.04E-04	3.59E-03
	Phase 3b - Paving	7/2/2027	9/2/2027	45	8	0.17	2.68E-03	0	0	45	0	0.00E+00	0.00E+00	4.60E-04	0.00E+00
	Phase 3d - Building - Interior / Architectural	3/25/2028	6/16/2028	60	8	0.07	1.10E-03	0	0	0	60	0.00E+00	0.00E+00	0.00E+00	6.82E-04
								OFFROAD				1.56E-02	6.93E-03	3.70E-03	4.27E-03
															4.27E-03

Onroad Haul & Vendor Trucks (Combined Dust and ExhausT)

						PM2.5		Days per CSTN Year				Weighted Emission Rate (g/s)			
	Phase Name	**Start**	**End**	**Workdays**	**Daily Usage (hours/day)**	**Combined PM2.5 (lb/day)**	**Daily Emission Rate (g/s)**	**Year 1**	**Year 2**	**Year 3**	**Year 4**	**Year 1**	**Year 2**	**Year 3**	**Year 4**
	Phase 0b - Stockpile soil	1/31/2025	3/15/2025	31	8	4.53E-03	7.14E-05	31	0	0	0	8.48E-06	0.00E+00	0.00E+00	0.00E+00
	Phase 1a - Demolition/Site Preparation	3/15/2025	6/15/2025	65	8	2.46E-03	3.87E-05	65	0	0	0	9.64E-06	0.00E+00	0.00E+00	0.00E+00
	Phase 1b - Grading/Excavation	6/15/2025	10/31/2025	100	8	8.73E-03	1.37E-04	100	0	0	0	5.27E-05	0.00E+00	0.00E+00	0.00E+00
	Phase 1c - Trenching/Utilities	11/1/2025	12/14/2025	30	8	2.09E-03	3.29E-05	30	0	0	0	3.78E-06	0.00E+00	0.00E+00	0.00E+00
	Phase 1d - Specialty - Water Access Ramp - 2025	12/15/2025	12/31/2025	13	8	1.35E-03	2.13E-05	13	0	0	0	1.06E-06	0.00E+00	0.00E+00	0.00E+00
	Phase 1d - Specialty - Water Access Ramp - 2026	1/1/2026	2/9/2026	28	8	1.33E-03	2.10E-05	22	6	0	0	1.77E-06	4.82E-07	0.00E+00	0.00E+00
	Phase 2a - Grading/Excavation	2/10/2026	5/4/2026	60	8	8.68E-03	1.37E-04	0	60	0	0	0.00E+00	3.14E-05	0.00E+00	0.00E+00
EXHAUST and DUST	Phase 2b - Site - Piled Foundations	5/5/2026	6/15/2026	30	8	7.32E-03	1.15E-04	0	30	0	0	0.00E+00	1.32E-05	0.00E+00	0.00E+00
	Phase 2c - Building - Foundation	6/16/2026	7/27/2026	30	8	8.65E-03	1.36E-04	0	30	0	0	0.00E+00	1.57E-05	0.00E+00	0.00E+00
	Phase 2d - Paving and Sidewalks	7/28/2026	11/30/2026	90	8	8.35E-03	1.31E-04	0	90	0	0	0.00E+00	4.53E-05	0.00E+00	0.00E+00
	Phase 2e - Site - Electrical and Lighting	12/1/2026	12/31/2026	23	8	1.33E-03	2.10E-05	0	23	0	0	0.00E+00	1.85E-06	0.00E+00	0.00E+00
	Phase 2e - Site - Electrical and Lighting	1/1/2027	2/22/2027	37	8	1.31E-03	2.07E-05	0	22	15	0	0.00E+00	1.74E-06	1.18E-06	0.00E+00
	Phase 2f - Site - Landscaping	2/23/2027	6/10/2027	78	8	1.64E-03	2.58E-05	0	0	78	0	0.00E+00	0.00E+00	7.69E-06	0.00E+00
	Phase 3a - Demolition	6/11/2027	7/1/2027	15	8	2.41E-03	3.80E-05	0	0	15	0	0.00E+00	0.00E+00	2.18E-06	0.00E+00
	Phase 3c - Building - Exterior	8/2/2027	12/31/2027	110	8	9.19E-03	1.45E-04	0	0	110	0	0.00E+00	0.00E+00	6.08E-05	0.00E+00
	Phase 3c - Building - Exterior	1/1/2028	6/16/2028	120	8	7.79E-03	1.23E-04	0	0	28	92	0.00E+00	0.00E+00	1.31E-05	1.16E-04
	Phase 3b - Paving	7/2/2027	9/2/2027	45	8	7.88E-03	1.24E-04	0	0	45	0	0.00E+00	0.00E+00	2.13E-05	0.00E+00
	Phase 3d - Building - Interior / Architectural	3/25/2028	6/16/2028	60	8	1.30E-03	2.04E-05	0	0	0	60	0.00E+00	0.00E+00	0.00E+00	1.26E-05
										ONROAD		7.74E-05	1.10E-04	1.06E-04	1.29E-04

Onsite Dust

	Phase Name	Start	End	Workdays	Daily Usage (hours/day)	PM2.5 Daily Fugitive PM2.5 (lb/day)	0 Daily Emission Rate (g/s)	Days per CSTN Year Year 1	Year 2	Year 3	Year 4	Weighted Emission Rate (g/s) Year 1	Year 2	Year 3	Year 4
DUST	Phase 0b - Stockpile soil	1/31/2025	3/15/2025	31	8	1.31	2.06E-02	31	0	0	0	2.45E-03	0.00E+00	0.00E+00	0.00E+00
	Phase 1a - Demolition/Site Preparation	3/15/2025	6/15/2025	65	8	0.05	7.87E-04	65	0	0	0	1.96E-04	0.00E+00	0.00E+00	0.00E+00
	Phase 1b - Grading/Excavation	6/15/2025	10/31/2025	100	8	2.67	4.21E-02	100	0	0	0	1.61E-02	0.00E+00	0.00E+00	0.00E+00
	Phase 1c - Trenching/Utilities	11/1/2025	12/14/2025	30	8	0.00	0.00E+00	30	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Phase 1d - Specialty - Water Access Ramp - 2025	12/15/2025	12/31/2025	13	8	0.00	0.00E+00	13	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Phase 1d - Specialty - Water Access Ramp - 2026	1/1/2026	2/9/2026	28	8	0.00	0.00E+00	22	6	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Phase 2a - Grading/Excavation	2/10/2026	5/4/2026	60	8	1.78	2.80E-02	0	60	0	0	0.00E+00	6.44E-03	0.00E+00	0.00E+00
	Phase 2b - Site - Piled Foundations	5/5/2026	6/15/2026	30	8	0.00	0.00E+00	0	30	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Phase 2c - Building - Foundation	6/16/2026	7/27/2026	30	8	0.00	0.00E+00	0	30	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Phase 2d - Paving and Sidewalks	7/28/2026	11/30/2026	90	8	0.00	0.00E+00	0	90	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Phase 2e - Site - Electrical and Lighting	12/1/2026	12/31/2026	23	8	0.00	0.00E+00	0	23	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Phase 2e - Site - Electrical and Lighting	1/1/2027	2/22/2027	37	8	0.00	0.00E+00	0	22	15	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Phase 2f - Site - Landscaping	2/23/2027	6/10/2027	78	8	0.00	0.00E+00	0	0	78	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Phase 3a - Demolition	6/11/2027	7/1/2027	15	8	0.05	7.87E-04	0	0	15	0	0.00E+00	0.00E+00	4.51E-05	0.00E+00
	Phase 3c - Building - Exterior	8/2/2027	12/31/2027	110	8	0.00	0.00E+00	0	0	110	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Phase 3c - Building - Exterior	1/1/2028	6/16/2028	120	8	0.00	0.00E+00	0	0	28	92	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Phase 3b - Paving	7/2/2027	9/2/2027	45	8	0.00	0.00E+00	0	0	45	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Phase 3d - Building - Interior / Architectural	3/25/2028	6/16/2028	60	8	0.00	0.00E+00	0	0	0	60	0.00E+00	0.00E+00	0.00E+00	0.00E+00
										OFFROAD_DST		1.88E-02	6.44E-03	4.51E-05	0.00E+00

Onroad worker Exhaust and Dust

	Phase Name	Start	End	Workdays	Daily Usage (hours/day)	PM2.5 Combined PM2.5 (lb/day)	Daily Emission Rate (g/s)	Days per CSTN Year Year 1	Year 2	Year 3	Year 4	Weighted Emission Rate (g/s) Year 1	Year 2	Year 3	Year 4
EXHAUST and DUST	Phase 0b - Stockpile soil	1/31/2025	3/15/2025	31	8	1.06E-03	1.66E-05	31	0	0	0	1.98E-06	0.00E+00	0.00E+00	0.00E+00
	Phase 1a - Demolition/Site Preparation	3/15/2025	6/15/2025	65	8	1.06E-02	1.66E-04	65	0	0	0	4.14E-05	0.00E+00	0.00E+00	0.00E+00
	Phase 1b - Grading/Excavation	6/15/2025	10/31/2025	100	8	1.06E-02	1.66E-04	100	0	0	0	6.38E-05	0.00E+00	0.00E+00	0.00E+00
	Phase 1c - Trenching/Utilities	11/1/2025	12/14/2025	30	8	1.06E-02	1.66E-04	30	0	0	0	1.91E-05	0.00E+00	0.00E+00	0.00E+00
	Phase 1d - Specialty - Water Access Ramp - 2025	12/15/2025	12/31/2025	13	8	1.06E-02	1.66E-04	13	0	0	0	8.29E-06	0.00E+00	0.00E+00	0.00E+00
	Phase 1d - Specialty - Water Access Ramp - 2026	1/1/2026	2/9/2026	28	8	1.05E-02	1.66E-04	22	6	0	0	1.40E-05	3.82E-06	0.00E+00	0.00E+00
	Phase 2a - Grading/Excavation	2/10/2026	5/4/2026	60	8	1.05E-02	1.66E-04	0	60	0	0	0.00E+00	3.82E-05	0.00E+00	0.00E+00
	Phase 2b - Site - Piled Foundations	5/5/2026	6/15/2026	30	8	1.05E-02	1.66E-04	0	30	0	0	0.00E+00	1.91E-05	0.00E+00	0.00E+00
	Phase 2c - Building - Foundation	6/16/2026	7/27/2026	30	8	1.05E-02	1.66E-04	0	30	0	0	0.00E+00	1.91E-05	0.00E+00	0.00E+00
	Phase 2d - Paving and Sidewalks	7/28/2026	11/30/2026	90	8	1.05E-02	1.66E-04	0	90	0	0	0.00E+00	5.73E-05	0.00E+00	0.00E+00
	Phase 2e - Site - Electrical and Lighting	12/1/2026	12/31/2026	23	8	1.05E-02	1.66E-04	0	23	0	0	0.00E+00	1.46E-05	0.00E+00	0.00E+00
	Phase 2e - Site - Electrical and Lighting	1/1/2027	2/22/2027	37	8	1.05E-02	1.66E-04	0	22	15	0	0.00E+00	1.40E-05	9.49E-06	0.00E+00
	Phase 2f - Site - Landscaping	2/23/2027	6/10/2027	78	8	1.05E-02	1.66E-04	0	0	78	0	0.00E+00	0.00E+00	4.94E-05	0.00E+00
	Phase 3a - Demolition	6/11/2027	7/1/2027	15	8	1.05E-02	1.66E-04	0	0	15	0	0.00E+00	0.00E+00	9.49E-06	0.00E+00
	Phase 3c - Building - Exterior	8/2/2027	12/31/2027	110	8	1.05E-02	1.66E-04	0	0	110	0	0.00E+00	0.00E+00	6.96E-05	0.00E+00
	Phase 3c - Building - Exterior	1/1/2028	6/16/2028	120	8	1.05E-02	1.65E-04	0	0	28	92	0.00E+00	0.00E+00	1.77E-05	1.57E-04
	Phase 3b - Paving	7/2/2027	9/2/2027	45	8	1.05E-02	1.66E-04	0	0	45	0	0.00E+00	0.00E+00	2.85E-05	0.00E+00
	Phase 3d - Building - Interior / Architectural	3/25/2028	6/16/2028	60	8	1.05E-02	1.65E-04	0	0	0	60	0.00E+00	0.00E+00	0.00E+00	1.02E-04
										ONROAD_W		1.49E-04	1.66E-04	1.84E-04	2.59E-04

	Haul Source Length (m)	Haul Source Length (mi)
ONROAD	928.1	0.58

MOBILE DPM EMISSIONS

						VENDOR TRUCKS				HAUL TRUCKS				
Phase Name	Start	End	Workdays	Year	Speed (MPH)	Trips per day	Trip Length (mi)	Exhaust EF (g/mi)	Exhaust Emissions (lb/day)	Trips per day	Trip Length (mi)	Exhaust EF (g/mi)	Exhaust Emissions (lb/day)	Total DPM Emissions (lb/day)
Phase 0b - Stockpile soil	1/31/2025	3/15/2025	31	2025	15	8	0.58	1.83E-02	1.86E-04	20	0.58	1.30E-02	3.31E-04	5.17E-04
Phase 1a - Demolition/Site Preparation	3/15/2025	6/15/2025	65	2025	15	8	0.58	1.83E-02	1.86E-04	6	0.58	1.30E-02	9.93E-05	2.85E-04
Phase 1b - Grading/Excavation	6/15/2025	10/31/2025	100	2025	15	8	0.58	1.83E-02	1.86E-04	40	0.58	1.30E-02	6.62E-04	8.48E-04
Phase 1c - Trenching/Utilities	11/1/2025	12/14/2025	30	2025	15	8	0.58	1.83E-02	1.86E-04	4	0.58	1.30E-02	6.62E-05	2.52E-04
Phase 1d - Specialty - Water Access Ramp - 2025	12/15/2025	12/31/2025	13	2025	15	8	0.58	1.83E-02	1.86E-04	0	0.58	1.30E-02	0.00E+00	1.86E-04
Phase 1d - Specialty - Water Access Ramp - 2026	1/1/2026	2/9/2026	28	2026	15	8	0.58	1.61E-02	1.64E-04	0	0.58	1.25E-02	0.00E+00	1.64E-04
Phase 2a - Grading/Excavation	2/10/2026	5/4/2026	60	2026	15	8	0.58	1.61E-02	1.64E-04	40	0.58	1.25E-02	6.34E-04	7.97E-04
Phase 2b - Site - Piled Foundations	5/5/2026	6/15/2026	30	2026	15	44	0.58	1.61E-02	9.00E-04	0	0.58	1.25E-02	0.00E+00	9.00E-04
Phase 2c - Building - Foundation	6/16/2026	7/27/2026	30	2026	15	52	0.58	1.61E-02	1.06E-03	0	0.58	1.25E-02	0.00E+00	1.06E-03
Phase 2d - Paving and Sidewalks	7/28/2026	11/30/2026	90	2026	15	48	0.58	1.61E-02	9.82E-04	2	0.58	1.25E-02	3.17E-05	1.01E-03
Phase 2e - Site - Electrical and Lighting	12/1/2026	12/31/2026	23	2026	15	8	0.58	1.61E-02	1.64E-04	0	0.58	1.25E-02	0.00E+00	1.64E-04
Phase 2e - Site - Electrical and Lighting	1/1/2027	2/22/2027	37	2027	15	8	0.58	1.42E-02	1.45E-04	0	0.58	1.20E-02	0.00E+00	1.45E-04
Phase 2f - Site - Landscaping	2/23/2027	6/10/2027	78	2027	15	10	0.58	1.42E-02	1.81E-04	0	0.58	1.20E-02	0.00E+00	1.81E-04
Phase 3a - Demolition	6/11/2027	7/1/2027	15	2027	15	8	0.58	1.42E-02	1.45E-04	6	0.58	1.20E-02	9.12E-05	2.36E-04
Phase 3c - Building - Exterior	8/2/2027	12/31/2027	110	2027	15	56	0.58	1.42E-02	1.01E-03	0	0.58	1.20E-02	0.00E+00	1.01E-03
Phase 3c - Building - Exterior	1/1/2028	6/16/2028	120	2028	15	48	0.58	1.26E-02	7.71E-04	0	0.58	1.14E-02	0.00E+00	7.71E-04
Phase 3b - Paving	7/2/2027	9/2/2027	45	2027	15	48	0.58	1.42E-02	8.69E-04	0	0.58	1.20E-02	0.00E+00	8.69E-04
Phase 3d - Building - Interior / Architectural	3/25/2028	6/16/2028	60	2028	15	8	0.58	1.26E-02	1.29E-04	0	0.58	1.14E-02	0.00E+00	1.29E-04

Haul Source Length (m)	Haul Source Length (mi)
928	0.58

MOBILE PM2.5 EMISSIONS

						VENDOR TRUCKS				
Phase Name	Start	End	Workdays	Year	Speed (MPH)	Trips per day	Trip Length (mi)	Exhaust EF (g/mi)	Exhaust Emissions (lb/day)	Dust Emissions (lb/day)
Phase 0b - Stockpile soil	1/31/2025	3/15/2025	31	2025	15	5	0.58	1.75E-02	1.11E-04	7.33E-04
Phase 1a - Demolition/Site Preparat	3/15/2025	6/15/2025	65	2025	15	8	0.58	1.75E-02	1.78E-04	1.17E-03
Phase 1b - Grading/Excavation	6/15/2025	10/31/2025	100	2025	15	8	0.58	1.75E-02	1.78E-04	1.17E-03
Phase 1c - Trenching/Utilities	11/1/2025	12/14/2025	30	2025	15	8	0.58	1.75E-02	1.78E-04	1.17E-03
Phase 1d - Specialty - Water Access	12/15/2025	12/31/2025	13	2025	15	8	0.58	1.75E-02	1.78E-04	1.17E-03
Phase 1d - Specialty - Water Access	1/1/2026	2/9/2026	28	2026	15	8	0.58	1.54E-02	1.57E-04	1.17E-03
Phase 2a - Grading/Excavation	2/10/2026	5/4/2026	60	2026	15	8	0.58	1.54E-02	1.57E-04	1.17E-03
Phase 2b - Site - Piled Foundations	5/5/2026	6/15/2026	30	2026	15	44	0.58	1.54E-02	8.61E-04	6.46E-03
Phase 2c - Building - Foundation	6/16/2026	7/27/2026	30	2026	15	52	0.58	1.54E-02	1.02E-03	7.63E-03
Phase 2d - Paving and Sidewalks	7/28/2026	11/30/2026	90	2026	15	48	0.58	1.54E-02	9.40E-04	7.04E-03
Phase 2e - Site - Electrical and Lighti	12/1/2026	12/31/2026	23	2026	15	8	0.58	1.54E-02	1.57E-04	1.17E-03
Phase 2e - Site - Electrical and Lighti	1/1/2027	2/22/2027	37	2027	15	8	0.58	1.36E-02	1.39E-04	1.17E-03
Phase 2f - Site - Landscaping	2/23/2027	6/10/2027	78	2027	15	10	0.58	1.36E-02	1.73E-04	1.47E-03
Phase 3a - Demolition	6/11/2027	7/1/2027	15	2027	15	8	0.58	1.36E-02	1.39E-04	1.17E-03
Phase 3c - Building - Exterior	8/2/2027	12/31/2027	110	2027	15	56	0.58	1.36E-02	9.70E-04	8.22E-03
Phase 3c - Building - Exterior	1/1/2028	6/16/2028	120	2028	15	48	0.58	1.21E-02	7.38E-04	7.05E-03
Phase 3b - Paving	7/2/2027	9/2/2027	45	2027	15	48	0.58	1.36E-02	8.31E-04	7.05E-03
Phase 3d - Building - Interior / Archit	3/25/2028	6/16/2028	60	2028	15	8	0.58	1.21E-02	1.23E-04	1.18E-03

Haul Source Length (m)	Haul Source Length (mi)
928	0.58

MOBILE PM2.5 EMISSIONS

						HAUL TRUCKS						PM2.5 Emissions
Phase Name	Start	End	Workdays	Year	Speed (MPH)	Trips per day	Trip Length (mi)	Exhaust EF (g/mi)	Dust EF (g/mi)	Exhaust Emissions (lb/day)	Dust Emissions (lb/day)	Total Vendor/Haul Emissions (lb/day)
Phase 0b - Stockpile soil	1/31/2025	3/15/2025	31	2025	15	20	0.58	1.25E-02	1.33E-01	3.17E-04	3.37E-03	4.53E-03
Phase 1a - Demolition/Site Preparat	3/15/2025	6/15/2025	65	2025	15	6	0.58	1.25E-02	1.33E-01	9.50E-05	1.01E-03	2.46E-03
Phase 1b - Grading/Excavation	6/15/2025	10/31/2025	100	2025	15	40	0.58	1.25E-02	1.33E-01	6.34E-04	6.74E-03	8.73E-03
Phase 1c - Trenching/Utilities	11/1/2025	12/14/2025	30	2025	15	4	0.58	1.25E-02	1.33E-01	6.34E-05	6.74E-04	2.09E-03
Phase 1d - Specialty - Water Access	12/15/2025	12/31/2025	13	2025	15	0	0.58	1.25E-02	1.33E-01	0.00E+00	0.00E+00	1.35E-03
Phase 1d - Specialty - Water Access	1/1/2026	2/9/2026	28	2026	15	0	0.58	1.19E-02	1.33E-01	0.00E+00	0.00E+00	1.33E-03
Phase 2a - Grading/Excavation	2/10/2026	5/4/2026	60	2026	15	40	0.58	1.19E-02	1.33E-01	6.06E-04	6.75E-03	8.68E-03
Phase 2b - Site - Piled Foundations	5/5/2026	6/15/2026	30	2026	15	0	0.58	1.19E-02	1.33E-01	0.00E+00	0.00E+00	7.32E-03
Phase 2c - Building - Foundation	6/16/2026	7/27/2026	30	2026	15	0	0.58	1.19E-02	1.33E-01	0.00E+00	0.00E+00	8.65E-03
Phase 2d - Paving and Sidewalks	7/28/2026	11/30/2026	90	2026	15	2	0.58	1.19E-02	1.33E-01	3.03E-05	3.37E-04	8.35E-03
Phase 2e - Site - Electrical and Lighti	12/1/2026	12/31/2026	23	2026	15	0	0.58	1.19E-02	1.33E-01	0.00E+00	0.00E+00	1.33E-03
Phase 2e - Site - Electrical and Lighti	1/1/2027	2/22/2027	37	2027	15	0	0.58	1.14E-02	1.33E-01	0.00E+00	0.00E+00	1.31E-03
Phase 2f - Site - Landscaping	2/23/2027	6/10/2027	78	2027	15	0	0.58	1.14E-02	1.33E-01	0.00E+00	0.00E+00	1.64E-03
Phase 3a - Demolition	6/11/2027	7/1/2027	15	2027	15	6	0.58	1.14E-02	1.33E-01	8.73E-05	1.01E-03	2.41E-03
Phase 3c - Building - Exterior	8/2/2027	12/31/2027	110	2027	15	0	0.58	1.14E-02	1.33E-01	0.00E+00	0.00E+00	9.19E-03
Phase 3c - Building - Exterior	1/1/2028	6/16/2028	120	2028	15	0	0.58	1.09E-02	1.33E-01	0.00E+00	0.00E+00	7.79E-03
Phase 3b - Paving	7/2/2027	9/2/2027	45	2027	15	0	0.58	1.14E-02	1.33E-01	0.00E+00	0.00E+00	7.88E-03
Phase 3d - Building - Interior / Archit	3/25/2028	6/16/2028	60	2028	15	0	0.58	1.09E-02	1.33E-01	0.00E+00	0.00E+00	1.30E-03

Haul Source Length (m)	Haul Source Length (mi)
928	0.58

MOBILE PM2.5 EMISSIONS

						WORKER VEHICLES					PM2.5 EMISSIONS
Phase Name	Start	End	Workdays	Year	Speed (MPH)	Trips per day	Trip Length (mi)	Exhaust EF (g/mi)	Exhaust Emissions (lb/day)	Dust Emissions (lb/day)	Total Worker Emissions (lb/day)
Phase 0b - Stockpile soil	1/31/2025	3/15/2025	31	2025	15	10	0.58	3.80E-03	4.83E-05	1.01E-03	1.06E-03
Phase 1a - Demolition/Site Preparat	3/15/2025	6/15/2025	65	2025	15	100	0.58	3.80E-03	4.83E-04	1.01E-02	1.06E-02
Phase 1b - Grading/Excavation	6/15/2025	10/31/2025	100	2025	15	100	0.58	3.80E-03	4.83E-04	1.01E-02	1.06E-02
Phase 1c - Trenching/Utilities	11/1/2025	12/14/2025	30	2025	15	100	0.58	3.80E-03	4.83E-04	1.01E-02	1.06E-02
Phase 1d - Specialty - Water Access	12/15/2025	12/31/2025	13	2025	15	100	0.58	3.80E-03	4.83E-04	1.01E-02	1.06E-02
Phase 1d - Specialty - Water Access	1/1/2026	2/9/2026	28	2026	15	100	0.58	3.65E-03	4.64E-04	1.01E-02	1.05E-02
Phase 2a - Grading/Excavation	2/10/2026	5/4/2026	60	2026	15	100	0.58	3.65E-03	4.64E-04	1.01E-02	1.05E-02
Phase 2b - Site - Piled Foundations	5/5/2026	6/15/2026	30	2026	15	100	0.58	3.65E-03	4.64E-04	1.01E-02	1.05E-02
Phase 2c - Building - Foundation	6/16/2026	7/27/2026	30	2026	15	100	0.58	3.65E-03	4.64E-04	1.01E-02	1.05E-02
Phase 2d - Paving and Sidewalks	7/28/2026	11/30/2026	90	2026	15	100	0.58	3.65E-03	4.64E-04	1.01E-02	1.05E-02
Phase 2e - Site - Electrical and Lighti	12/1/2026	12/31/2026	23	2026	15	100	0.58	3.65E-03	4.64E-04	1.01E-02	1.05E-02
Phase 2e - Site - Electrical and Lighti	1/1/2027	2/22/2027	37	2027	15	100	0.58	3.48E-03	4.42E-04	1.01E-02	1.05E-02
Phase 2f - Site - Landscaping	2/23/2027	6/10/2027	78	2027	15	100	0.58	3.48E-03	4.42E-04	1.01E-02	1.05E-02
Phase 3a - Demolition	6/11/2027	7/1/2027	15	2027	15	100	0.58	3.48E-03	4.42E-04	1.01E-02	1.05E-02
Phase 3c - Building - Exterior	8/2/2027	12/31/2027	110	2027	15	100	0.58	3.48E-03	4.42E-04	1.01E-02	1.05E-02
Phase 3c - Building - Exterior	1/1/2028	6/16/2028	120	2028	15	100	0.58	3.28E-03	4.17E-04	1.01E-02	1.05E-02
Phase 3b - Paving	7/2/2027	9/2/2027	45	2027	15	100	0.58	3.48E-03	4.42E-04	1.01E-02	1.05E-02
Phase 3d - Building - Interior / Archit	3/25/2028	6/16/2028	60	2028	15	100	0.58	3.28E-03	4.17E-04	1.01E-02	1.05E-02

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
557996.3841607	557996.4	4160721	WRKR_1	1.64	1.61	0.21	0.21	WORKER
557996.3841607	557996.4	4160731	WRKR_2	1.61	1.58	0.21	0.21	WORKER
557996.3841607	557996.4	4160741	WRKR_3	1.56	1.54	0.21	0.21	WORKER
558006.3841607	558006.4	4160711	WRKR_4	1.87	1.84	0.22	0.22	WORKER
558006.3841607	558006.4	4160721	WRKR_5	1.84	1.82	0.22	0.22	WORKER
558006.3841607	558006.4	4160731	WRKR_6	1.80	1.79	0.22	0.22	WORKER
558006.3841607	558006.4	4160741	WRKR_7	1.76	1.74	0.22	0.22	WORKER
558016.3841607	558016.4	4160711	WRKR_8	2.13	2.12	0.23	0.23	WORKER
558016.3841607	558016.4	4160721	WRKR_9	2.09	2.09	0.23	0.23	WORKER
558016.3841607	558016.4	4160731	WRKR_10	2.04	2.03	0.23	0.23	WORKER
558016.3841607	558016.4	4160741	WRKR_11	1.97	1.97	0.22	0.22	WORKER
558026.3841607	558026.4	4160711	WRKR_12	2.43	2.44	0.24	0.24	WORKER
558026.3841607	558026.4	4160721	WRKR_13	2.39	2.41	0.24	0.24	WORKER
558026.3841607	558026.4	4160731	WRKR_14	2.32	2.34	0.23	0.23	WORKER
558026.3841607	558026.4	4160741	WRKR_15	2.23	2.26	0.23	0.23	WORKER
558277.5341605	558277.5	4160581	WRKR_16	6.43	6.98	1.16	1.18	WORKER
558277.5341605	558277.5	4160591	WRKR_17	7.75	8.68	1.19	1.22	WORKER
558287.5341605	558287.5	4160581	WRKR_18	6.26	6.71	1.31	1.34	WORKER
558287.5341605	558287.5	4160591	WRKR_19	7.46	8.23	1.35	1.40	WORKER
558297.5341605	558297.5	4160581	WRKR_20	6.05	6.44	1.49	1.54	WORKER
558297.5341605	558297.5	4160591	WRKR_21	7.18	7.83	1.55	1.62	WORKER
558307.5341605	558307.5	4160581	WRKR_22	5.79	6.16	1.72	1.79	WORKER
558307.5341605	558307.5	4160591	WRKR_23	6.90	7.47	1.81	1.92	WORKER
558317.5341605	558317.5	4160581	WRKR_24	5.55	5.89	1.98	2.10	WORKER
558317.5341605	558317.5	4160591	WRKR_25	6.63	7.14	2.13	2.31	WORKER
558327.5341605	558327.5	4160581	WRKR_26	5.31	5.63	2.29	2.46	WORKER
558327.5341605	558327.5	4160591	WRKR_27	6.36	6.81	2.54	2.81	WORKER
558337.5341605	558337.5	4160581	WRKR_28	5.04	5.35	2.60	2.83	WORKER
558101.0541605	558101.1	4160547	WRKR_29	2.85	2.87	0.34	0.34	WORKER
558101.0541605	558101.1	4160557	WRKR_30	3.11	3.14	0.34	0.34	WORKER
558111.0541605	558111.1	4160547	WRKR_31	3.03	3.06	0.35	0.36	WORKER
558111.0541605	558111.1	4160557	WRKR_32	3.32	3.36	0.35	0.36	WORKER
558111.0541605	558111.1	4160567	WRKR_33	3.65	3.71	0.36	0.36	WORKER
558121.0541605	558121.1	4160537	WRKR_34	2.93	2.95	0.37	0.37	WORKER
558121.0541605	558121.1	4160547	WRKR_35	3.21	3.25	0.37	0.37	WORKER
558121.0541605	558121.1	4160557	WRKR_36	3.54	3.59	0.37	0.38	WORKER
558121.0541605	558121.1	4160567	WRKR_37	3.91	3.98	0.37	0.38	WORKER
558121.0541605	558121.1	4160577	WRKR_38	4.34	4.46	0.37	0.38	WORKER
558121.0541605	558121.1	4160587	WRKR_39	4.82	5.03	0.37	0.38	WORKER
558131.0541605	558131.1	4160527	WRKR_40	2.79	2.82	0.38	0.38	WORKER
558131.0541605	558131.1	4160537	WRKR_41	3.08	3.11	0.38	0.39	WORKER
558131.0541605	558131.1	4160547	WRKR_42	3.39	3.44	0.39	0.39	WORKER
558131.0541605	558131.1	4160557	WRKR_43	3.76	3.83	0.39	0.39	WORKER
558131.0541605	558131.1	4160567	WRKR_44	4.17	4.28	0.39	0.40	WORKER
558131.0541605	558131.1	4160577	WRKR_45	4.66	4.83	0.39	0.40	WORKER
558131.0541605	558131.1	4160587	WRKR_46	5.21	5.49	0.39	0.40	WORKER
558131.0541605	558131.1	4160597	WRKR_47	5.85	6.30	0.39	0.40	WORKER
558141.0541605	558141.1	4160527	WRKR_48	2.91	2.94	0.40	0.40	WORKER
558141.0541605	558141.1	4160537	WRKR_49	3.22	3.26	0.40	0.41	WORKER
558141.0541605	558141.1	4160547	WRKR_50	3.57	3.64	0.41	0.41	WORKER
558141.0541605	558141.1	4160557	WRKR_51	3.97	4.08	0.41	0.41	WORKER
558141.0541605	558141.1	4160567	WRKR_52	4.45	4.60	0.41	0.42	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558141.0541605	558141.1	4160577	WRKR_53	4.99	5.23	0.41	0.42	WORKER
558141.0541605	558141.1	4160587	WRKR_54	5.62	6.00	0.42	0.42	WORKER
558141.0541605	558141.1	4160597	WRKR_55	6.34	6.96	0.42	0.42	WORKER
558141.0541606	558141.1	4160607	WRKR_56	7.16	8.18	0.42	0.42	WORKER
558151.0541605	558151.1	4160537	WRKR_57	3.35	3.41	0.43	0.43	WORKER
558151.0541605	558151.1	4160547	WRKR_58	3.74	3.83	0.43	0.43	WORKER
558151.0541605	558151.1	4160557	WRKR_59	4.19	4.33	0.43	0.44	WORKER
558151.0541605	558151.1	4160567	WRKR_60	4.72	4.93	0.43	0.44	WORKER
558151.0541605	558151.1	4160577	WRKR_61	5.34	5.66	0.44	0.44	WORKER
558151.0541605	558151.1	4160587	WRKR_62	6.05	6.57	0.44	0.44	WORKER
558151.0541605	558151.1	4160597	WRKR_63	6.93	7.72	0.44	0.44	WORKER
558151.0541606	558151.1	4160607	WRKR_64	7.94	9.19	0.44	0.44	WORKER
558151.0541606	558151.1	4160617	WRKR_65	9.07	11.15	0.44	0.44	WORKER
558161.0541605	558161.1	4160547	WRKR_66	3.93	4.01	0.45	0.46	WORKER
558161.0541605	558161.1	4160557	WRKR_67	4.40	4.59	0.46	0.46	WORKER
558161.0541605	558161.1	4160567	WRKR_68	5.00	5.29	0.46	0.46	WORKER
558161.0541605	558161.1	4160577	WRKR_69	5.69	6.14	0.46	0.47	WORKER
558161.0541605	558161.1	4160587	WRKR_70	6.50	7.23	0.46	0.47	WORKER
558161.0541605	558161.1	4160597	WRKR_71	7.60	8.59	0.46	0.47	WORKER
558161.0541606	558161.1	4160607	WRKR_72	8.69	10.38	0.46	0.47	WORKER
558171.0541605	558171.1	4160557	WRKR_73	4.65	4.82	0.48	0.49	WORKER
558171.0541605	558171.1	4160567	WRKR_74	5.26	5.65	0.49	0.49	WORKER
558171.0541605	558171.1	4160577	WRKR_75	6.03	6.67	0.49	0.49	WORKER
558171.0541605	558171.1	4160587	WRKR_76	6.94	7.98	0.49	0.50	WORKER
558171.0541605	558171.1	4160597	WRKR_77	8.21	9.65	0.49	0.50	WORKER
558181.0541605	558181.1	4160567	WRKR_78	5.56	5.99	0.52	0.52	WORKER
558181.0541605	558181.1	4160577	WRKR_79	6.37	7.22	0.52	0.52	WORKER
558181.0541605	558181.1	4160587	WRKR_80	7.41	8.84	0.52	0.53	WORKER
558191.0541605	558191.1	4160577	WRKR_81	6.65	7.56	0.55	0.55	WORKER
558368.5441605	558368.5	4160582	WRKR_82	4.44	4.66	3.62	4.07	WORKER
558378.5441605	558378.5	4160582	WRKR_83	4.20	4.39	3.81	4.31	WORKER
558378.5441605	558378.5	4160592	WRKR_84	4.76	5.07	4.64	5.51	WORKER
558378.5441606	558378.5	4160602	WRKR_85	5.36	5.86	5.68	7.25	WORKER
558378.5441606	558378.5	4160612	WRKR_86	6.25	7.03	7.61	6.95	WORKER
558388.5441605	558388.5	4160582	WRKR_87	3.93	4.10	4.00	4.53	WORKER
558388.5441605	558388.5	4160592	WRKR_88	4.42	4.68	4.91	5.83	WORKER
558388.5441606	558388.5	4160602	WRKR_89	4.94	5.38	6.05	7.70	WORKER
558388.5441606	558388.5	4160612	WRKR_90	5.74	6.42	5.37	7.05	WORKER
558398.5441605	558398.5	4160582	WRKR_91	3.63	3.79	4.22	4.74	WORKER
558398.5441605	558398.5	4160592	WRKR_92	4.06	4.31	5.07	6.01	WORKER
558398.5441606	558398.5	4160602	WRKR_93	4.57	4.95	6.39	8.11	WORKER
558398.5441606	558398.5	4160612	WRKR_94	5.26	5.83	5.96	7.77	WORKER
557976.0941604	557976.1	4160490	HLTN_1	0.88	0.89	0.20	0.20	RESIDENT
557976.0941605	557976.1	4160500	HLTN_2	0.91	0.91	0.20	0.20	RESIDENT
557976.0941605	557976.1	4160510	HLTN_3	0.95	0.95	0.20	0.20	RESIDENT
557976.0941605	557976.1	4160520	HLTN_4	0.99	0.98	0.21	0.21	RESIDENT
557976.0941605	557976.1	4160530	HLTN_5	1.03	1.01	0.21	0.21	RESIDENT
557986.0941604	557986.1	4160480	HLTN_6	0.91	0.92	0.21	0.21	RESIDENT
557986.0941604	557986.1	4160490	HLTN_7	0.96	0.96	0.21	0.21	RESIDENT
557986.0941605	557986.1	4160500	HLTN_8	0.99	1.00	0.21	0.21	RESIDENT
557986.0941605	557986.1	4160510	HLTN_9	1.03	1.03	0.21	0.21	RESIDENT
557986.0941605	557986.1	4160520	HLTN_10	1.07	1.06	0.21	0.21	RESIDENT

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
557986.0941605	557986.1	4160530	HLTN_11	1.10	1.10	0.21	0.21	RESIDENT
557996.0941604	557996.1	4160480	HLTN_12	0.98	0.99	0.22	0.21	RESIDENT
557996.0941604	557996.1	4160490	HLTN_13	1.02	1.03	0.22	0.22	RESIDENT
557996.0941605	557996.1	4160500	HLTN_14	1.06	1.07	0.22	0.22	RESIDENT
557996.0941605	557996.1	4160510	HLTN_15	1.10	1.11	0.22	0.22	RESIDENT
557996.0941605	557996.1	4160520	HLTN_16	1.15	1.14	0.22	0.22	RESIDENT
557996.0941605	557996.1	4160530	HLTN_17	1.19	1.18	0.22	0.22	RESIDENT
557996.0941605	557996.1	4160540	HLTN_18	1.24	1.22	0.22	0.22	RESIDENT
557996.0941605	557996.1	4160550	HLTN_19	1.28	1.27	0.22	0.22	RESIDENT
557996.0941605	557996.1	4160560	HLTN_20	1.33	1.31	0.22	0.23	RESIDENT
557996.0941605	557996.1	4160570	HLTN_21	1.38	1.35	0.22	0.23	RESIDENT
558006.0941604	558006.1	4160480	HLTN_22	1.04	1.06	0.22	0.22	RESIDENT
558006.0941604	558006.1	4160490	HLTN_23	1.09	1.10	0.22	0.22	RESIDENT
558006.0941605	558006.1	4160500	HLTN_24	1.13	1.14	0.23	0.22	RESIDENT
558006.0941605	558006.1	4160510	HLTN_25	1.18	1.19	0.23	0.23	RESIDENT
558006.0941605	558006.1	4160520	HLTN_26	1.23	1.23	0.23	0.23	RESIDENT
558006.0941605	558006.1	4160530	HLTN_27	1.29	1.28	0.23	0.23	RESIDENT
558006.0941605	558006.1	4160540	HLTN_28	1.34	1.33	0.23	0.23	RESIDENT
558006.0941605	558006.1	4160550	HLTN_29	1.40	1.38	0.23	0.23	RESIDENT
558006.0941605	558006.1	4160560	HLTN_30	1.45	1.43	0.23	0.23	RESIDENT
558006.0941605	558006.1	4160570	HLTN_31	1.51	1.48	0.23	0.23	RESIDENT
558016.0941604	558016.1	4160480	HLTN_32	1.11	1.12	0.23	0.23	RESIDENT
558016.0941604	558016.1	4160490	HLTN_33	1.16	1.17	0.23	0.23	RESIDENT
558016.0941605	558016.1	4160500	HLTN_34	1.21	1.22	0.23	0.23	RESIDENT
558016.0941605	558016.1	4160510	HLTN_35	1.27	1.27	0.23	0.23	RESIDENT
558016.0941605	558016.1	4160520	HLTN_36	1.33	1.32	0.24	0.24	RESIDENT
558016.0941605	558016.1	4160530	HLTN_37	1.39	1.38	0.24	0.24	RESIDENT
558016.0941605	558016.1	4160540	HLTN_38	1.45	1.44	0.24	0.24	RESIDENT
558016.0941605	558016.1	4160550	HLTN_39	1.52	1.50	0.24	0.24	RESIDENT
558016.0941605	558016.1	4160560	HLTN_40	1.58	1.56	0.24	0.24	RESIDENT
558016.0941605	558016.1	4160570	HLTN_41	1.65	1.63	0.24	0.24	RESIDENT
558026.0941604	558026.1	4160480	HLTN_42	1.17	1.19	0.24	0.24	RESIDENT
558026.0941604	558026.1	4160490	HLTN_43	1.23	1.25	0.24	0.24	RESIDENT
558026.0941605	558026.1	4160500	HLTN_44	1.29	1.30	0.24	0.24	RESIDENT
558026.0941605	558026.1	4160510	HLTN_45	1.36	1.36	0.24	0.24	RESIDENT
558026.0941605	558026.1	4160520	HLTN_46	1.43	1.42	0.24	0.24	RESIDENT
558026.0941605	558026.1	4160530	HLTN_47	1.50	1.49	0.25	0.25	RESIDENT
558026.0941605	558026.1	4160540	HLTN_48	1.57	1.56	0.25	0.25	RESIDENT
558026.0941605	558026.1	4160550	HLTN_49	1.65	1.63	0.25	0.25	RESIDENT
558026.0941605	558026.1	4160560	HLTN_50	1.73	1.71	0.25	0.25	RESIDENT
558026.0941605	558026.1	4160570	HLTN_51	1.81	1.79	0.25	0.25	RESIDENT
558036.0941604	558036.1	4160480	HLTN_52	1.24	1.26	0.25	0.25	RESIDENT
558036.0941604	558036.1	4160490	HLTN_53	1.31	1.32	0.25	0.25	RESIDENT
558036.0941605	558036.1	4160500	HLTN_54	1.37	1.38	0.25	0.25	RESIDENT
558036.0941605	558036.1	4160510	HLTN_55	1.42	1.43	0.25	0.25	RESIDENT
558036.0941605	558036.1	4160520	HLTN_56	1.51	1.51	0.25	0.25	RESIDENT
558036.0941605	558036.1	4160530	HLTN_57	1.61	1.61	0.26	0.26	RESIDENT
558036.0941605	558036.1	4160540	HLTN_58	1.70	1.69	0.26	0.26	RESIDENT
558036.0941605	558036.1	4160550	HLTN_59	1.79	1.78	0.26	0.26	RESIDENT
558036.0941605	558036.1	4160560	HLTN_60	1.89	1.87	0.26	0.26	RESIDENT
558046.0941604	558046.1	4160480	HLTN_61	1.28	1.30	0.25	0.25	RESIDENT
558046.0941604	558046.1	4160490	HLTN_62	1.35	1.37	0.26	0.26	RESIDENT

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558046.0941605	558046.1	4160500	HLTN_63	1.42	1.44	0.26	0.26	RESIDENT
558046.0941605	558046.1	4160510	HLTN_64	1.50	1.51	0.26	0.26	RESIDENT
558046.0941605	558046.1	4160520	HLTN_65	1.61	1.61	0.26	0.26	RESIDENT
558046.0941605	558046.1	4160530	HLTN_66	1.74	1.73	0.27	0.27	RESIDENT
558046.0941605	558046.1	4160540	HLTN_67	1.84	1.83	0.27	0.27	RESIDENT
558046.0941605	558046.1	4160550	HLTN_68	1.95	1.94	0.27	0.27	RESIDENT
558056.0941604	558056.1	4160480	HLTN_69	1.34	1.37	0.26	0.26	RESIDENT
558056.0941604	558056.1	4160490	HLTN_70	1.42	1.44	0.27	0.26	RESIDENT
558056.0941605	558056.1	4160500	HLTN_71	1.49	1.51	0.27	0.27	RESIDENT
558056.0941605	558056.1	4160510	HLTN_72	1.58	1.60	0.27	0.27	RESIDENT
558056.0941605	558056.1	4160520	HLTN_73	1.72	1.73	0.27	0.27	RESIDENT
558056.0941605	558056.1	4160530	HLTN_74	1.87	1.86	0.28	0.28	RESIDENT
558056.0941605	558056.1	4160540	HLTN_75	1.98	1.98	0.28	0.28	RESIDENT
558066.0941604	558066.1	4160480	HLTN_76	1.46	1.48	0.28	0.28	RESIDENT
558066.0941604	558066.1	4160490	HLTN_77	1.54	1.56	0.28	0.28	RESIDENT
558066.0941605	558066.1	4160500	HLTN_78	1.59	1.61	0.28	0.28	RESIDENT
558066.0941605	558066.1	4160510	HLTN_79	1.73	1.74	0.28	0.28	RESIDENT
558066.0941605	558066.1	4160520	HLTN_80	1.87	1.88	0.29	0.29	RESIDENT
558066.0941605	558066.1	4160530	HLTN_81	2.00	2.01	0.29	0.29	RESIDENT
558076.0941604	558076.1	4160480	HLTN_82	1.53	1.55	0.29	0.29	RESIDENT
558076.0941604	558076.1	4160490	HLTN_83	1.63	1.65	0.29	0.29	RESIDENT
558076.0941605	558076.1	4160500	HLTN_84	1.68	1.70	0.29	0.29	RESIDENT
558076.0941605	558076.1	4160510	HLTN_85	1.86	1.87	0.29	0.29	RESIDENT
558076.0941605	558076.1	4160520	HLTN_86	1.99	2.01	0.30	0.30	RESIDENT
558086.0941604	558086.1	4160490	HLTN_87	1.69	1.71	0.30	0.30	RESIDENT
558086.0941605	558086.1	4160500	HLTN_88	1.79	1.81	0.30	0.30	RESIDENT
558086.0941605	558086.1	4160510	HLTN_89	1.96	1.98	0.31	0.31	RESIDENT
558096.0941604	558096.1	4160490	HLTN_90	1.76	1.78	0.31	0.31	RESIDENT
558096.0941605	558096.1	4160500	HLTN_91	1.92	1.93	0.32	0.32	RESIDENT
558186.7841604	558186.8	4160496	WRKR_95	2.22	2.23	0.49	0.49	WORKER
558186.7841605	558186.8	4160506	WRKR_96	2.44	2.45	0.49	0.49	WORKER
558196.7841604	558196.8	4160496	WRKR_97	2.23	2.22	0.52	0.52	WORKER
558196.7841605	558196.8	4160506	WRKR_98	2.44	2.44	0.52	0.53	WORKER
558196.7841605	558196.8	4160516	WRKR_99	2.71	2.72	0.53	0.53	WORKER
558196.7841605	558196.8	4160526	WRKR_100	3.07	3.10	0.54	0.54	WORKER
558206.7841605	558206.8	4160506	WRKR_101	2.43	2.42	0.56	0.56	WORKER
558206.7841605	558206.8	4160516	WRKR_102	2.71	2.71	0.57	0.57	WORKER
558206.7841605	558206.8	4160526	WRKR_103	3.04	3.05	0.57	0.58	WORKER
558206.7841605	558206.8	4160536	WRKR_104	3.47	3.52	0.58	0.58	WORKER
558216.7841605	558216.8	4160516	WRKR_105	2.69	2.67	0.61	0.61	WORKER
558216.7841605	558216.8	4160526	WRKR_106	3.01	3.00	0.62	0.62	WORKER
558216.7841605	558216.8	4160536	WRKR_107	3.40	3.42	0.62	0.63	WORKER
558216.7841605	558216.8	4160546	WRKR_108	3.90	3.97	0.63	0.63	WORKER
558226.7841605	558226.8	4160526	WRKR_109	2.97	2.94	0.66	0.66	WORKER
558226.7841605	558226.8	4160536	WRKR_110	3.36	3.35	0.67	0.67	WORKER
558226.7841605	558226.8	4160546	WRKR_111	3.85	3.88	0.68	0.68	WORKER
558236.7841605	558236.8	4160536	WRKR_112	3.27	3.25	0.72	0.73	WORKER
558115.1741604	558115.2	4160403	WRKR_113	1.03	1.05	0.31	0.32	WORKER
558115.1741604	558115.2	4160413	WRKR_114	1.10	1.12	0.32	0.32	WORKER
558115.1741604	558115.2	4160423	WRKR_115	1.17	1.20	0.32	0.32	WORKER
558115.1741604	558115.2	4160433	WRKR_116	1.26	1.28	0.32	0.32	WORKER
558115.1741604	558115.2	4160443	WRKR_117	1.35	1.37	0.33	0.33	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558125.1741603	558125.2	4160393	WRKR_118	0.97	1.00	0.32	0.33	WORKER
558125.1741604	558125.2	4160403	WRKR_119	1.04	1.06	0.33	0.33	WORKER
558125.1741604	558125.2	4160413	WRKR_120	1.11	1.13	0.33	0.33	WORKER
558125.1741604	558125.2	4160423	WRKR_121	1.19	1.21	0.33	0.34	WORKER
558125.1741604	558125.2	4160433	WRKR_122	1.28	1.30	0.34	0.34	WORKER
558125.1741604	558125.2	4160443	WRKR_123	1.37	1.39	0.34	0.34	WORKER
558135.1741603	558135.2	4160373	WRKR_124	0.86	0.88	0.33	0.33	WORKER
558135.1741603	558135.2	4160383	WRKR_125	0.92	0.94	0.33	0.34	WORKER
558135.1741603	558135.2	4160393	WRKR_126	0.98	1.00	0.34	0.34	WORKER
558135.1741604	558135.2	4160403	WRKR_127	1.05	1.06	0.34	0.34	WORKER
558135.1741604	558135.2	4160413	WRKR_128	1.12	1.14	0.35	0.35	WORKER
558135.1741604	558135.2	4160423	WRKR_129	1.20	1.22	0.35	0.35	WORKER
558135.1741604	558135.2	4160433	WRKR_130	1.29	1.31	0.35	0.35	WORKER
558135.1741604	558135.2	4160443	WRKR_131	1.39	1.41	0.36	0.36	WORKER
558145.1741603	558145.2	4160373	WRKR_132	0.86	0.88	0.34	0.35	WORKER
558145.1741603	558145.2	4160383	WRKR_133	0.92	0.93	0.35	0.35	WORKER
558145.1741603	558145.2	4160393	WRKR_134	0.98	1.00	0.35	0.35	WORKER
558145.1741604	558145.2	4160403	WRKR_135	1.05	1.06	0.36	0.36	WORKER
558145.1741604	558145.2	4160413	WRKR_136	1.13	1.14	0.36	0.36	WORKER
558145.1741604	558145.2	4160423	WRKR_137	1.21	1.22	0.37	0.37	WORKER
558145.1741604	558145.2	4160433	WRKR_138	1.30	1.32	0.37	0.37	WORKER
558145.1741604	558145.2	4160443	WRKR_139	1.40	1.42	0.37	0.37	WORKER
558155.1741603	558155.2	4160373	WRKR_140	0.86	0.87	0.36	0.36	WORKER
558155.1741603	558155.2	4160383	WRKR_141	0.92	0.93	0.36	0.36	WORKER
558155.1741603	558155.2	4160393	WRKR_142	0.98	0.99	0.37	0.37	WORKER
558155.1741604	558155.2	4160403	WRKR_143	1.05	1.06	0.37	0.37	WORKER
558155.1741604	558155.2	4160413	WRKR_144	1.13	1.14	0.38	0.38	WORKER
558155.1741604	558155.2	4160423	WRKR_145	1.21	1.22	0.38	0.38	WORKER
558155.1741604	558155.2	4160433	WRKR_146	1.31	1.32	0.39	0.39	WORKER
558155.1741604	558155.2	4160443	WRKR_147	1.41	1.42	0.39	0.39	WORKER
558165.1741603	558165.2	4160363	WRKR_148	0.80	0.81	0.37	0.37	WORKER
558165.1741603	558165.2	4160373	WRKR_149	0.85	0.86	0.37	0.38	WORKER
558165.1741603	558165.2	4160383	WRKR_150	0.91	0.92	0.38	0.38	WORKER
558165.1741603	558165.2	4160393	WRKR_151	0.97	0.98	0.38	0.39	WORKER
558165.1741604	558165.2	4160403	WRKR_152	1.04	1.05	0.39	0.39	WORKER
558165.1741604	558165.2	4160413	WRKR_153	1.12	1.13	0.39	0.40	WORKER
558165.1741604	558165.2	4160423	WRKR_154	1.21	1.22	0.40	0.40	WORKER
558165.1741604	558165.2	4160433	WRKR_155	1.30	1.31	0.41	0.41	WORKER
558175.1741603	558175.2	4160363	WRKR_156	0.79	0.79	0.38	0.39	WORKER
558175.1741603	558175.2	4160373	WRKR_157	0.84	0.85	0.39	0.39	WORKER
558175.1741603	558175.2	4160383	WRKR_158	0.90	0.91	0.39	0.40	WORKER
558175.1741603	558175.2	4160393	WRKR_159	0.96	0.97	0.40	0.40	WORKER
558175.1741604	558175.2	4160403	WRKR_160	1.03	1.04	0.41	0.41	WORKER
558175.1741604	558175.2	4160413	WRKR_161	1.11	1.12	0.41	0.42	WORKER
558175.1741604	558175.2	4160423	WRKR_162	1.20	1.21	0.42	0.42	WORKER
558185.1741603	558185.2	4160363	WRKR_163	0.78	0.78	0.40	0.40	WORKER
558185.1741603	558185.2	4160373	WRKR_164	0.83	0.83	0.41	0.41	WORKER
558185.1741603	558185.2	4160383	WRKR_165	0.89	0.89	0.41	0.42	WORKER
558185.1741603	558185.2	4160393	WRKR_166	0.95	0.96	0.42	0.42	WORKER
558185.1741604	558185.2	4160403	WRKR_167	1.02	1.03	0.43	0.43	WORKER
558185.1741604	558185.2	4160413	WRKR_168	1.10	1.10	0.43	0.44	WORKER
558185.1741604	558185.2	4160423	WRKR_169	1.19	1.19	0.44	0.44	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558185.1741604	558185.2	4160433	WRKR_170	1.28	1.29	0.45	0.45	WORKER
558185.1741604	558185.2	4160443	WRKR_171	1.39	1.40	0.45	0.46	WORKER
558195.1741603	558195.2	4160363	WRKR_172	0.77	0.76	0.42	0.42	WORKER
558195.1741603	558195.2	4160373	WRKR_173	0.82	0.82	0.42	0.43	WORKER
558195.1741603	558195.2	4160383	WRKR_174	0.87	0.87	0.43	0.43	WORKER
558195.1741603	558195.2	4160393	WRKR_175	0.94	0.94	0.44	0.44	WORKER
558195.1741604	558195.2	4160403	WRKR_176	1.01	1.01	0.45	0.45	WORKER
558195.1741604	558195.2	4160413	WRKR_177	1.08	1.08	0.45	0.46	WORKER
558195.1741604	558195.2	4160423	WRKR_178	1.17	1.17	0.46	0.46	WORKER
558195.1741604	558195.2	4160433	WRKR_179	1.26	1.26	0.47	0.47	WORKER
558195.1741604	558195.2	4160443	WRKR_180	1.37	1.37	0.48	0.48	WORKER
558195.1741604	558195.2	4160453	WRKR_181	1.48	1.49	0.48	0.49	WORKER
558205.1741603	558205.2	4160363	WRKR_182	0.75	0.75	0.43	0.44	WORKER
558205.1741603	558205.2	4160373	WRKR_183	0.80	0.80	0.44	0.45	WORKER
558205.1741603	558205.2	4160383	WRKR_184	0.86	0.85	0.45	0.45	WORKER
558205.1741603	558205.2	4160393	WRKR_185	0.92	0.92	0.46	0.46	WORKER
558205.1741604	558205.2	4160403	WRKR_186	0.99	0.98	0.47	0.47	WORKER
558205.1741604	558205.2	4160413	WRKR_187	1.06	1.06	0.48	0.48	WORKER
558205.1741604	558205.2	4160423	WRKR_188	1.15	1.14	0.49	0.49	WORKER
558205.1741604	558205.2	4160433	WRKR_189	1.24	1.24	0.49	0.50	WORKER
558205.1741604	558205.2	4160443	WRKR_190	1.34	1.34	0.50	0.51	WORKER
558205.1741604	558205.2	4160453	WRKR_191	1.46	1.46	0.51	0.51	WORKER
558205.1741604	558205.2	4160463	WRKR_192	1.59	1.60	0.52	0.52	WORKER
558215.1741603	558215.2	4160363	WRKR_193	0.73	0.73	0.45	0.46	WORKER
558215.1741603	558215.2	4160373	WRKR_194	0.78	0.78	0.46	0.47	WORKER
558215.1741603	558215.2	4160383	WRKR_195	0.84	0.83	0.47	0.48	WORKER
558215.1741603	558215.2	4160393	WRKR_196	0.90	0.89	0.48	0.49	WORKER
558215.1741604	558215.2	4160403	WRKR_197	0.97	0.96	0.49	0.49	WORKER
558215.1741604	558215.2	4160413	WRKR_198	1.04	1.03	0.50	0.50	WORKER
558215.1741604	558215.2	4160423	WRKR_199	1.12	1.12	0.51	0.51	WORKER
558215.1741604	558215.2	4160433	WRKR_200	1.21	1.21	0.52	0.52	WORKER
558215.1741604	558215.2	4160443	WRKR_201	1.31	1.31	0.53	0.53	WORKER
558215.1741604	558215.2	4160453	WRKR_202	1.43	1.43	0.54	0.54	WORKER
558215.1741604	558215.2	4160463	WRKR_203	1.55	1.56	0.55	0.55	WORKER
558215.1741604	558215.2	4160473	WRKR_204	1.70	1.71	0.56	0.56	WORKER
558225.1741603	558225.2	4160363	WRKR_205	0.72	0.71	0.47	0.48	WORKER
558225.1741603	558225.2	4160373	WRKR_206	0.77	0.76	0.48	0.49	WORKER
558225.1741603	558225.2	4160383	WRKR_207	0.82	0.81	0.49	0.50	WORKER
558225.1741603	558225.2	4160393	WRKR_208	0.88	0.87	0.50	0.51	WORKER
558225.1741604	558225.2	4160403	WRKR_209	0.94	0.93	0.51	0.52	WORKER
558225.1741604	558225.2	4160413	WRKR_210	1.01	1.01	0.53	0.53	WORKER
558225.1741604	558225.2	4160423	WRKR_211	1.09	1.09	0.54	0.54	WORKER
558225.1741604	558225.2	4160433	WRKR_212	1.18	1.17	0.55	0.55	WORKER
558225.1741604	558225.2	4160443	WRKR_213	1.28	1.27	0.56	0.56	WORKER
558225.1741604	558225.2	4160453	WRKR_214	1.39	1.39	0.57	0.58	WORKER
558225.1741604	558225.2	4160463	WRKR_215	1.52	1.51	0.58	0.59	WORKER
558225.1741604	558225.2	4160473	WRKR_216	1.66	1.66	0.59	0.60	WORKER
558225.1741604	558225.2	4160483	WRKR_217	1.82	1.83	0.60	0.61	WORKER
558235.1741603	558235.2	4160363	WRKR_218	0.70	0.69	0.49	0.50	WORKER
558235.1741603	558235.2	4160373	WRKR_219	0.75	0.74	0.50	0.51	WORKER
558235.1741603	558235.2	4160383	WRKR_220	0.80	0.79	0.52	0.52	WORKER
558235.1741603	558235.2	4160393	WRKR_221	0.86	0.84	0.53	0.53	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558235.1741604	558235.2	4160403	WRKR_22	0.92	0.91	0.54	0.54	WORKER
558235.174160	558235.2	4160413	WRKR_22	0.99	0.98	0.55	0.56	WORKER
558235.174160	558235.2	4160423	WRKR_22	1.07	1.05	0.56	0.57	WORKER
558235.174160	558235.2	4160433	WRKR_22	1.15	1.14	0.58	0.58	WORKER
558235.174160	558235.2	4160443	WRKR_22	1.25	1.24	0.59	0.60	WORKER
558235.174160	558235.2	4160453	WRKR_22	1.36	1.35	0.60	0.61	WORKER
558235.1741604	558235.2	4160463	WRKR_22	1.48	1.47	0.62	0.62	WORKER
558235.174160	558235.2	4160473	WRKR_22	1.62	1.61	0.63	0.64	WORKER
558235.174160	558235.2	4160483	WRKR_23	1.78	1.77	0.64	0.65	WORKER
558235.174160	558235.2	4160493	WRKR_23	1.96	1.96	0.65	0.66	WORKER
558245.1741603	558245.2	4160363	WRKR_23	0.68	0.67	0.52	0.52	WORKER
558245.174160	558245.2	4160373	WRKR_23	0.73	0.71	0.53	0.53	WORKER
558245.174160	558245.2	4160383	WRKR_23	0.78	0.76	0.54	0.55	WORKER
558245.174160	558245.2	4160393	WRKR_23	0.83	0.82	0.55	0.56	WORKER
558245.1741604	558245.2	4160403	WRKR_23	0.89	0.88	0.57	0.57	WORKER
558245.174160	558245.2	4160413	WRKR_23	0.96	0.95	0.58	0.59	WORKER
558245.174160	558245.2	4160423	WRKR_23	1.04	1.02	0.59	0.60	WORKER
558245.174160	558245.2	4160433	WRKR_23	1.12	1.11	0.61	0.61	WORKER
558245.174160	558245.2	4160443	WRKR_24	1.21	1.20	0.62	0.63	WORKER
558245.174160	558245.2	4160453	WRKR_24	1.32	1.30	0.64	0.64	WORKER
558245.1741604	558245.2	4160463	WRKR_24	1.44	1.42	0.65	0.66	WORKER
558245.174160	558245.2	4160473	WRKR_24	1.58	1.56	0.67	0.68	WORKER
558245.174160	558245.2	4160483	WRKR_24	1.73	1.71	0.68	0.69	WORKER
558245.174160	558245.2	4160493	WRKR_24	1.91	1.89	0.70	0.71	WORKER
558245.1741605	558245.2	4160503	WRKR_24	2.11	2.10	0.71	0.72	WORKER
558255.1741603	558255.2	4160363	WRKR_24	0.66	0.65	0.54	0.54	WORKER
558255.174160	558255.2	4160373	WRKR_24	0.71	0.69	0.55	0.56	WORKER
558255.174160	558255.2	4160383	WRKR_24	0.76	0.74	0.57	0.57	WORKER
558255.174160	558255.2	4160393	WRKR_25	0.81	0.79	0.58	0.58	WORKER
558255.1741604	558255.2	4160403	WRKR_25	0.87	0.85	0.59	0.60	WORKER
558255.174160	558255.2	4160413	WRKR_25	0.93	0.92	0.61	0.62	WORKER
558255.174160	558255.2	4160423	WRKR_25	1.01	0.99	0.62	0.63	WORKER
558255.174160	558255.2	4160433	WRKR_25	1.09	1.07	0.64	0.65	WORKER
558255.174160	558255.2	4160443	WRKR_25	1.18	1.16	0.66	0.66	WORKER
558255.174160	558255.2	4160453	WRKR_25	1.28	1.26	0.67	0.68	WORKER
558255.1741604	558255.2	4160463	WRKR_25	1.40	1.38	0.69	0.70	WORKER
558255.174160	558255.2	4160473	WRKR_25	1.53	1.51	0.71	0.72	WORKER
558255.174160	558255.2	4160483	WRKR_25	1.68	1.66	0.73	0.74	WORKER
558255.174160	558255.2	4160493	WRKR_26	1.86	1.83	0.75	0.76	WORKER
558255.1741605	558255.2	4160503	WRKR_26	2.05	2.04	0.76	0.77	WORKER
558255.174160	558255.2	4160513	WRKR_26	2.28	2.28	0.78	0.79	WORKER
558265.1741603	558265.2	4160363	WRKR_26	0.64	0.63	0.56	0.57	WORKER
558265.174160	558265.2	4160373	WRKR_26	0.69	0.67	0.58	0.58	WORKER
558265.174160	558265.2	4160383	WRKR_26	0.73	0.72	0.59	0.60	WORKER
558265.174160	558265.2	4160393	WRKR_26	0.78	0.77	0.61	0.61	WORKER
558265.1741604	558265.2	4160403	WRKR_26	0.84	0.83	0.62	0.63	WORKER
558265.174160	558265.2	4160413	WRKR_26	0.90	0.89	0.64	0.65	WORKER
558265.174160	558265.2	4160423	WRKR_26	0.98	0.96	0.66	0.66	WORKER
558265.174160	558265.2	4160433	WRKR_27	1.05	1.03	0.68	0.68	WORKER
558265.1741604	558265.2	4160443	WRKR_27	1.14	1.12	0.69	0.70	WORKER
558265.174160	558265.2	4160453	WRKR_27	1.24	1.22	0.71	0.72	WORKER
558265.1741604	558265.2	4160463	WRKR_27	1.35	1.33	0.73	0.74	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558265.1741604	558265.2	4160473	WRKR_274	1.48	1.46	0.75	0.76	WORKER
558265.1741604	558265.2	4160483	WRKR_275	1.63	1.60	0.78	0.79	WORKER
558265.1741604	558265.2	4160493	WRKR_276	1.80	1.77	0.80	0.81	WORKER
558265.1741605	558265.2	4160503	WRKR_277	2.01	1.97	0.82	0.83	WORKER
558265.1741605	558265.2	4160513	WRKR_278	2.23	2.21	0.84	0.85	WORKER
558265.1741605	558265.2	4160523	WRKR_279	2.50	2.49	0.86	0.88	WORKER
558275.1741603	558275.2	4160363	WRKR_280	0.62	0.61	0.59	0.59	WORKER
558275.1741603	558275.2	4160373	WRKR_281	0.67	0.65	0.60	0.61	WORKER
558275.1741603	558275.2	4160383	WRKR_282	0.71	0.70	0.62	0.62	WORKER
558275.1741603	558275.2	4160393	WRKR_283	0.76	0.74	0.64	0.64	WORKER
558275.1741604	558275.2	4160403	WRKR_284	0.82	0.80	0.65	0.66	WORKER
558275.1741604	558275.2	4160413	WRKR_285	0.88	0.86	0.67	0.68	WORKER
558275.1741604	558275.2	4160423	WRKR_286	0.94	0.92	0.69	0.70	WORKER
558275.1741604	558275.2	4160433	WRKR_287	1.02	1.00	0.71	0.72	WORKER
558275.1741604	558275.2	4160443	WRKR_288	1.11	1.08	0.73	0.74	WORKER
558275.1741604	558275.2	4160453	WRKR_289	1.20	1.18	0.75	0.76	WORKER
558275.1741604	558275.2	4160463	WRKR_290	1.31	1.28	0.78	0.79	WORKER
558275.1741604	558275.2	4160473	WRKR_291	1.44	1.41	0.80	0.81	WORKER
558275.1741604	558275.2	4160483	WRKR_292	1.58	1.55	0.83	0.84	WORKER
558275.1741604	558275.2	4160493	WRKR_293	1.75	1.71	0.85	0.87	WORKER
558275.1741605	558275.2	4160503	WRKR_294	1.95	1.91	0.88	0.89	WORKER
558275.1741605	558275.2	4160513	WRKR_295	2.19	2.14	0.91	0.92	WORKER
558275.1741605	558275.2	4160523	WRKR_296	2.47	2.43	0.94	0.95	WORKER
558275.1741605	558275.2	4160533	WRKR_297	2.80	2.79	0.97	0.98	WORKER
558285.1741603	558285.2	4160363	WRKR_298	0.60	0.59	0.61	0.62	WORKER
558285.1741603	558285.2	4160373	WRKR_299	0.64	0.63	0.63	0.63	WORKER
558285.1741603	558285.2	4160383	WRKR_300	0.69	0.67	0.65	0.65	WORKER
558285.1741603	558285.2	4160393	WRKR_301	0.74	0.72	0.66	0.67	WORKER
558285.1741604	558285.2	4160403	WRKR_302	0.79	0.77	0.68	0.69	WORKER
558285.1741604	558285.2	4160413	WRKR_303	0.85	0.83	0.71	0.71	WORKER
558285.1741604	558285.2	4160423	WRKR_304	0.91	0.89	0.73	0.74	WORKER
558285.1741604	558285.2	4160433	WRKR_305	0.99	0.96	0.75	0.76	WORKER
558285.1741604	558285.2	4160443	WRKR_306	1.07	1.04	0.77	0.78	WORKER
558285.1741604	558285.2	4160453	WRKR_307	1.17	1.13	0.80	0.81	WORKER
558285.1741604	558285.2	4160463	WRKR_308	1.27	1.24	0.82	0.84	WORKER
558285.1741604	558285.2	4160473	WRKR_309	1.40	1.36	0.85	0.86	WORKER
558285.1741604	558285.2	4160483	WRKR_310	1.54	1.50	0.88	0.89	WORKER
558285.1741604	558285.2	4160493	WRKR_311	1.70	1.66	0.91	0.93	WORKER
558285.1741605	558285.2	4160503	WRKR_312	1.90	1.85	0.95	0.96	WORKER
558285.1741605	558285.2	4160513	WRKR_313	2.14	2.09	0.98	1.00	WORKER
558285.1741605	558285.2	4160523	WRKR_314	2.43	2.38	1.02	1.03	WORKER
558285.1741605	558285.2	4160533	WRKR_315	2.76	2.74	1.05	1.07	WORKER
558295.1741603	558295.2	4160363	WRKR_316	0.58	0.57	0.64	0.64	WORKER
558295.1741603	558295.2	4160373	WRKR_317	0.62	0.61	0.66	0.66	WORKER
558295.1741603	558295.2	4160383	WRKR_318	0.67	0.65	0.67	0.68	WORKER
558295.1741603	558295.2	4160393	WRKR_319	0.71	0.69	0.70	0.70	WORKER
558295.1741604	558295.2	4160403	WRKR_320	0.76	0.74	0.72	0.72	WORKER
558295.1741604	558295.2	4160413	WRKR_321	0.82	0.80	0.74	0.75	WORKER
558295.1741604	558295.2	4160423	WRKR_322	0.88	0.86	0.76	0.77	WORKER
558295.1741604	558295.2	4160433	WRKR_323	0.96	0.93	0.79	0.80	WORKER
558295.1741604	558295.2	4160443	WRKR_324	1.04	1.01	0.82	0.83	WORKER
558295.1741604	558295.2	4160453	WRKR_325	1.13	1.09	0.84	0.86	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558295.1741604	558295.2	4160463	WRKR_326	1.24	1.19	0.87	0.89	WORKER
558295.1741604	558295.2	4160473	WRKR_327	1.36	1.31	0.91	0.92	WORKER
558295.1741604	558295.2	4160483	WRKR_328	1.50	1.45	0.94	0.95	WORKER
558295.1741604	558295.2	4160493	WRKR_329	1.66	1.61	0.97	0.99	WORKER
558295.1741605	558295.2	4160503	WRKR_330	1.86	1.80	1.01	1.03	WORKER
558295.1741605	558295.2	4160513	WRKR_331	2.10	2.04	1.06	1.08	WORKER
558295.1741605	558295.2	4160523	WRKR_332	2.38	2.33	1.10	1.12	WORKER
558295.1741605	558295.2	4160533	WRKR_333	2.72	2.70	1.15	1.17	WORKER
558305.1741603	558305.2	4160363	WRKR_334	0.57	0.55	0.66	0.67	WORKER
558305.1741603	558305.2	4160373	WRKR_335	0.60	0.59	0.68	0.69	WORKER
558305.1741603	558305.2	4160383	WRKR_336	0.64	0.62	0.70	0.71	WORKER
558305.1741603	558305.2	4160393	WRKR_337	0.69	0.67	0.73	0.73	WORKER
558305.1741604	558305.2	4160403	WRKR_338	0.74	0.71	0.75	0.76	WORKER
558305.1741604	558305.2	4160413	WRKR_339	0.79	0.77	0.77	0.78	WORKER
558305.1741604	558305.2	4160423	WRKR_340	0.86	0.83	0.80	0.81	WORKER
558305.1741604	558305.2	4160433	WRKR_341	0.93	0.89	0.83	0.84	WORKER
558305.1741604	558305.2	4160443	WRKR_342	1.01	0.97	0.86	0.87	WORKER
558305.1741604	558305.2	4160453	WRKR_343	1.10	1.05	0.89	0.90	WORKER
558305.1741604	558305.2	4160463	WRKR_344	1.20	1.15	0.92	0.94	WORKER
558305.1741604	558305.2	4160473	WRKR_345	1.32	1.27	0.96	0.97	WORKER
558305.1741604	558305.2	4160483	WRKR_346	1.46	1.40	1.00	1.02	WORKER
558305.1741604	558305.2	4160493	WRKR_347	1.62	1.56	1.04	1.06	WORKER
558305.1741605	558305.2	4160503	WRKR_348	1.82	1.75	1.09	1.11	WORKER
558305.1741605	558305.2	4160513	WRKR_349	2.05	1.99	1.14	1.16	WORKER
558305.1741605	558305.2	4160523	WRKR_350	2.34	2.29	1.19	1.22	WORKER
558305.1741605	558305.2	4160533	WRKR_351	2.68	2.66	1.25	1.28	WORKER
558315.1741603	558315.2	4160363	WRKR_352	0.55	0.53	0.69	0.70	WORKER
558315.1741603	558315.2	4160373	WRKR_353	0.58	0.56	0.71	0.72	WORKER
558315.1741603	558315.2	4160383	WRKR_354	0.62	0.60	0.73	0.74	WORKER
558315.1741603	558315.2	4160393	WRKR_355	0.66	0.64	0.76	0.77	WORKER
558315.1741604	558315.2	4160403	WRKR_356	0.71	0.69	0.78	0.79	WORKER
558315.1741604	558315.2	4160413	WRKR_357	0.77	0.74	0.81	0.82	WORKER
558315.1741604	558315.2	4160423	WRKR_358	0.83	0.79	0.84	0.85	WORKER
558315.1741604	558315.2	4160433	WRKR_359	0.90	0.86	0.87	0.88	WORKER
558315.1741604	558315.2	4160443	WRKR_360	0.97	0.93	0.90	0.91	WORKER
558315.1741604	558315.2	4160453	WRKR_361	1.06	1.01	0.94	0.95	WORKER
558315.1741604	558315.2	4160463	WRKR_362	1.16	1.11	0.98	0.99	WORKER
558315.1741604	558315.2	4160473	WRKR_363	1.28	1.22	1.02	1.03	WORKER
558315.1741604	558315.2	4160483	WRKR_364	1.42	1.36	1.06	1.08	WORKER
558315.1741604	558315.2	4160493	WRKR_365	1.58	1.51	1.11	1.13	WORKER
558315.1741605	558315.2	4160503	WRKR_366	1.78	1.71	1.16	1.19	WORKER
558315.1741605	558315.2	4160513	WRKR_367	2.01	1.95	1.22	1.25	WORKER
558315.1741605	558315.2	4160523	WRKR_368	2.30	2.24	1.29	1.32	WORKER
558315.1741605	558315.2	4160533	WRKR_369	2.63	2.61	1.36	1.40	WORKER
558325.1741603	558325.2	4160363	WRKR_370	0.53	0.51	0.72	0.73	WORKER
558325.1741603	558325.2	4160373	WRKR_371	0.56	0.54	0.74	0.75	WORKER
558325.1741603	558325.2	4160383	WRKR_372	0.60	0.58	0.76	0.77	WORKER
558325.1741603	558325.2	4160393	WRKR_373	0.64	0.61	0.79	0.80	WORKER
558325.1741604	558325.2	4160403	WRKR_374	0.69	0.66	0.82	0.83	WORKER
558325.1741604	558325.2	4160413	WRKR_375	0.74	0.71	0.85	0.86	WORKER
558325.1741604	558325.2	4160423	WRKR_376	0.80	0.76	0.88	0.89	WORKER
558325.1741604	558325.2	4160433	WRKR_377	0.87	0.82	0.91	0.92	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558325.1741604	558325.2	4160443	WRKR_378	0.94	0.89	0.95	0.96	WORKER
558325.1741604	558325.2	4160453	WRKR_379	1.03	0.98	0.99	1.00	WORKER
558325.1741604	558325.2	4160463	WRKR_380	1.13	1.07	1.03	1.04	WORKER
558325.1741604	558325.2	4160473	WRKR_381	1.25	1.18	1.07	1.09	WORKER
558325.1741604	558325.2	4160483	WRKR_382	1.38	1.31	1.12	1.14	WORKER
558325.1741604	558325.2	4160493	WRKR_383	1.55	1.47	1.18	1.20	WORKER
558325.1741605	558325.2	4160503	WRKR_384	1.74	1.67	1.24	1.27	WORKER
558325.1741605	558325.2	4160513	WRKR_385	1.98	1.90	1.31	1.34	WORKER
558325.1741605	558325.2	4160523	WRKR_386	2.26	2.20	1.39	1.43	WORKER
558325.1741605	558325.2	4160533	WRKR_387	2.58	2.57	1.48	1.52	WORKER
558335.1741603	558335.2	4160363	WRKR_388	0.51	0.49	0.75	0.75	WORKER
558335.1741603	558335.2	4160373	WRKR_389	0.54	0.52	0.77	0.78	WORKER
558335.1741603	558335.2	4160383	WRKR_390	0.58	0.55	0.80	0.80	WORKER
558335.1741603	558335.2	4160393	WRKR_391	0.62	0.59	0.82	0.83	WORKER
558335.1741604	558335.2	4160403	WRKR_392	0.66	0.63	0.85	0.86	WORKER
558335.1741604	558335.2	4160413	WRKR_393	0.72	0.68	0.88	0.89	WORKER
558335.1741604	558335.2	4160423	WRKR_394	0.77	0.73	0.92	0.93	WORKER
558335.1741604	558335.2	4160433	WRKR_395	0.84	0.79	0.95	0.96	WORKER
558335.1741604	558335.2	4160443	WRKR_396	0.91	0.86	0.99	1.00	WORKER
558335.1741604	558335.2	4160453	WRKR_397	1.00	0.94	1.03	1.05	WORKER
558335.1741604	558335.2	4160463	WRKR_398	1.10	1.03	1.08	1.09	WORKER
558335.1741604	558335.2	4160473	WRKR_399	1.21	1.14	1.13	1.15	WORKER
558335.1741604	558335.2	4160483	WRKR_400	1.35	1.27	1.18	1.20	WORKER
558335.1741604	558335.2	4160493	WRKR_401	1.51	1.43	1.25	1.27	WORKER
558335.1741605	558335.2	4160503	WRKR_402	1.70	1.62	1.32	1.35	WORKER
558335.1741605	558335.2	4160513	WRKR_403	1.93	1.86	1.40	1.43	WORKER
558335.1741605	558335.2	4160523	WRKR_404	2.21	2.16	1.49	1.53	WORKER
558335.1741605	558335.2	4160533	WRKR_405	2.52	2.51	1.59	1.65	WORKER
558345.1741603	558345.2	4160363	WRKR_406	0.49	0.47	0.78	0.78	WORKER
558345.1741603	558345.2	4160373	WRKR_407	0.52	0.50	0.80	0.81	WORKER
558345.1741603	558345.2	4160383	WRKR_408	0.56	0.53	0.83	0.84	WORKER
558345.1741603	558345.2	4160393	WRKR_409	0.60	0.56	0.86	0.87	WORKER
558345.1741604	558345.2	4160403	WRKR_410	0.64	0.60	0.89	0.90	WORKER
558345.1741604	558345.2	4160413	WRKR_411	0.69	0.65	0.92	0.93	WORKER
558345.1741604	558345.2	4160423	WRKR_412	0.75	0.70	0.96	0.97	WORKER
558345.1741604	558345.2	4160433	WRKR_413	0.81	0.76	0.99	1.01	WORKER
558345.1741604	558345.2	4160443	WRKR_414	0.88	0.82	1.03	1.04	WORKER
558345.1741604	558345.2	4160453	WRKR_415	0.97	0.90	1.08	1.09	WORKER
558345.1741604	558345.2	4160463	WRKR_416	1.07	1.00	1.13	1.15	WORKER
558345.1741604	558345.2	4160473	WRKR_417	1.18	1.10	1.18	1.20	WORKER
558345.1741604	558345.2	4160483	WRKR_418	1.31	1.24	1.25	1.27	WORKER
558345.1741604	558345.2	4160493	WRKR_419	1.47	1.39	1.31	1.34	WORKER
558345.1741605	558345.2	4160503	WRKR_420	1.66	1.58	1.39	1.42	WORKER
558345.1741605	558345.2	4160513	WRKR_421	1.89	1.82	1.48	1.52	WORKER
558345.1741605	558345.2	4160523	WRKR_422	2.15	2.11	1.59	1.63	WORKER
558345.1741605	558345.2	4160533	WRKR_423	2.46	2.45	1.71	1.77	WORKER
558355.1741603	558355.2	4160363	WRKR_424	0.48	0.45	0.81	0.81	WORKER
558355.1741603	558355.2	4160373	WRKR_425	0.51	0.48	0.83	0.84	WORKER
558355.1741603	558355.2	4160383	WRKR_426	0.54	0.51	0.86	0.87	WORKER
558355.1741603	558355.2	4160393	WRKR_427	0.58	0.54	0.90	0.90	WORKER
558355.1741604	558355.2	4160403	WRKR_428	0.62	0.58	0.93	0.94	WORKER
558355.1741604	558355.2	4160413	WRKR_429	0.67	0.62	0.96	0.97	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558355.1741604	558355.2	4160423	WRKR_430	0.72	0.67	1.00	1.01	WORKER
558355.1741604	558355.2	4160433	WRKR_431	0.79	0.73	1.04	1.05	WORKER
558355.1741604	558355.2	4160443	WRKR_432	0.86	0.79	1.08	1.09	WORKER
558355.1741604	558355.2	4160453	WRKR_433	0.94	0.87	1.13	1.14	WORKER
558355.1741604	558355.2	4160463	WRKR_434	1.04	0.96	1.18	1.20	WORKER
558355.1741604	558355.2	4160473	WRKR_435	1.15	1.07	1.24	1.26	WORKER
558355.1741604	558355.2	4160483	WRKR_436	1.28	1.20	1.30	1.33	WORKER
558355.1741604	558355.2	4160493	WRKR_437	1.44	1.36	1.38	1.40	WORKER
558355.1741605	558355.2	4160503	WRKR_438	1.62	1.55	1.46	1.49	WORKER
558355.1741605	558355.2	4160513	WRKR_439	1.84	1.77	1.56	1.60	WORKER
558355.1741605	558355.2	4160523	WRKR_440	2.09	2.05	1.68	1.73	WORKER
558355.1741605	558355.2	4160533	WRKR_441	2.38	2.38	1.81	1.88	WORKER
558365.1741603	558365.2	4160363	WRKR_442	0.46	0.43	0.84	0.85	WORKER
558365.1741603	558365.2	4160373	WRKR_443	0.49	0.46	0.87	0.88	WORKER
558365.1741603	558365.2	4160383	WRKR_444	0.52	0.49	0.90	0.91	WORKER
558365.1741603	558365.2	4160393	WRKR_445	0.56	0.52	0.93	0.94	WORKER
558365.1741604	558365.2	4160403	WRKR_446	0.60	0.56	0.97	0.98	WORKER
558365.1741604	558365.2	4160413	WRKR_447	0.65	0.60	1.00	1.01	WORKER
558365.1741604	558365.2	4160423	WRKR_448	0.70	0.65	1.04	1.05	WORKER
558365.1741604	558365.2	4160433	WRKR_449	0.77	0.70	1.08	1.09	WORKER
558365.1741604	558365.2	4160443	WRKR_450	0.84	0.77	1.13	1.14	WORKER
558365.1741604	558365.2	4160453	WRKR_451	0.92	0.84	1.18	1.19	WORKER
558365.1741604	558365.2	4160463	WRKR_452	1.01	0.93	1.24	1.25	WORKER
558365.1741604	558365.2	4160473	WRKR_453	1.12	1.04	1.30	1.31	WORKER
558365.1741604	558365.2	4160483	WRKR_454	1.25	1.17	1.36	1.39	WORKER
558365.1741604	558365.2	4160493	WRKR_455	1.40	1.32	1.44	1.47	WORKER
558365.1741605	558365.2	4160503	WRKR_456	1.58	1.51	1.53	1.57	WORKER
558365.1741605	558365.2	4160513	WRKR_457	1.78	1.73	1.64	1.68	WORKER
558365.1741605	558365.2	4160523	WRKR_458	2.02	1.99	1.76	1.81	WORKER
558365.1741605	558365.2	4160533	WRKR_459	2.30	2.30	1.91	1.98	WORKER
558375.1741603	558375.2	4160363	WRKR_460	0.45	0.42	0.88	0.88	WORKER
558375.1741603	558375.2	4160373	WRKR_461	0.48	0.44	0.91	0.92	WORKER
558375.1741603	558375.2	4160383	WRKR_462	0.51	0.47	0.94	0.95	WORKER
558375.1741603	558375.2	4160393	WRKR_463	0.55	0.50	0.97	0.98	WORKER
558375.1741604	558375.2	4160403	WRKR_464	0.59	0.54	1.01	1.02	WORKER
558375.1741604	558375.2	4160413	WRKR_465	0.63	0.58	1.05	1.06	WORKER
558375.1741604	558375.2	4160423	WRKR_466	0.69	0.63	1.09	1.10	WORKER
558375.1741604	558375.2	4160433	WRKR_467	0.75	0.68	1.13	1.14	WORKER
558375.1741604	558375.2	4160443	WRKR_468	0.82	0.74	1.18	1.19	WORKER
558375.1741604	558375.2	4160453	WRKR_469	0.89	0.82	1.23	1.25	WORKER
558375.1741604	558375.2	4160463	WRKR_470	0.99	0.91	1.29	1.30	WORKER
558375.1741604	558375.2	4160473	WRKR_471	1.10	1.01	1.35	1.37	WORKER
558375.1741604	558375.2	4160483	WRKR_472	1.22	1.14	1.43	1.45	WORKER
558375.1741604	558375.2	4160493	WRKR_473	1.37	1.29	1.51	1.53	WORKER
558375.1741605	558375.2	4160503	WRKR_474	1.54	1.47	1.60	1.64	WORKER
558375.1741605	558375.2	4160513	WRKR_475	1.73	1.68	1.72	1.76	WORKER
558375.1741605	558375.2	4160523	WRKR_476	1.96	1.93	1.85	1.90	WORKER
558375.1741605	558375.2	4160533	WRKR_477	2.23	2.22	2.01	2.08	WORKER
558385.1741603	558385.2	4160363	WRKR_478	0.44	0.40	0.91	0.92	WORKER
558385.1741603	558385.2	4160373	WRKR_479	0.46	0.43	0.95	0.96	WORKER
558385.1741603	558385.2	4160383	WRKR_480	0.50	0.46	0.98	0.99	WORKER
558385.1741603	558385.2	4160393	WRKR_481	0.53	0.49	1.01	1.02	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558385.1741604	558385.2	4160403	WRKR_482	0.57	0.52	1.05	1.06	WORKER
558385.174160	558385.2	4160413	WRKR_483	0.62	0.56	1.09	1.10	WORKER
558385.174160	558385.2	4160423	WRKR_484	0.67	0.61	1.13	1.15	WORKER
558385.174160	558385.2	4160433	WRKR_485	0.73	0.66	1.18	1.19	WORKER
558385.174160	558385.2	4160443	WRKR_486	0.80	0.73	1.23	1.24	WORKER
558385.174160	558385.2	4160453	WRKR_487	0.88	0.80	1.28	1.30	WORKER
558385.1741604	558385.2	4160463	WRKR_488	0.97	0.89	1.34	1.36	WORKER
558385.174160	558385.2	4160473	WRKR_489	1.07	0.99	1.41	1.43	WORKER
558385.174160	558385.2	4160483	WRKR_490	1.19	1.12	1.49	1.51	WORKER
558385.174160	558385.2	4160493	WRKR_491	1.34	1.26	1.58	1.60	WORKER
558385.1741605	558385.2	4160503	WRKR_492	1.50	1.43	1.68	1.71	WORKER
558385.174160	558385.2	4160513	WRKR_493	1.69	1.64	1.79	1.84	WORKER
558385.174160	558385.2	4160523	WRKR_494	1.90	1.87	1.93	1.99	WORKER
558385.174160	558385.2	4160533	WRKR_495	2.15	2.14	2.10	2.18	WORKER
558395.1741603	558395.2	4160363	WRKR_496	0.43	0.39	0.95	0.96	WORKER
558395.174160	558395.2	4160373	WRKR_497	0.45	0.42	0.99	0.99	WORKER
558395.174160	558395.2	4160383	WRKR_498	0.48	0.44	1.02	1.03	WORKER
558395.174160	558395.2	4160393	WRKR_499	0.52	0.47	1.06	1.07	WORKER
558395.1741604	558395.2	4160403	WRKR_500	0.56	0.51	1.10	1.11	WORKER
558395.174160	558395.2	4160413	WRKR_501	0.60	0.55	1.14	1.15	WORKER
558395.174160	558395.2	4160423	WRKR_502	0.66	0.60	1.18	1.19	WORKER
558395.174160	558395.2	4160433	WRKR_503	0.72	0.65	1.23	1.24	WORKER
558395.174160	558395.2	4160443	WRKR_504	0.78	0.71	1.28	1.30	WORKER
558395.174160	558395.2	4160453	WRKR_505	0.86	0.79	1.34	1.35	WORKER
558395.1741604	558395.2	4160463	WRKR_506	0.95	0.87	1.40	1.42	WORKER
558395.174160	558395.2	4160473	WRKR_507	1.05	0.98	1.47	1.49	WORKER
558395.174160	558395.2	4160483	WRKR_508	1.17	1.10	1.55	1.57	WORKER
558395.174160	558395.2	4160493	WRKR_509	1.31	1.24	1.64	1.67	WORKER
558395.1741605	558395.2	4160503	WRKR_510	1.47	1.41	1.75	1.78	WORKER
558395.174160	558395.2	4160513	WRKR_511	1.64	1.60	1.87	1.92	WORKER
557513.484160	557513.5	4160679	HOTEL_1	0.13	0.13	0.07	0.07	RESIDENT
557513.484160	557513.5	4160689	HOTEL_2	0.13	0.13	0.07	0.07	RESIDENT
557513.484160	557513.5	4160699	HOTEL_3	0.13	0.12	0.07	0.07	RESIDENT
557513.4841607	557513.5	4160709	HOTEL_4	0.13	0.12	0.07	0.07	RESIDENT
557513.484160	557513.5	4160719	HOTEL_5	0.13	0.12	0.07	0.07	RESIDENT
557513.484160	557513.5	4160729	HOTEL_6	0.13	0.12	0.07	0.07	RESIDENT
557523.484160	557523.5	4160679	HOTEL_7	0.13	0.13	0.07	0.07	RESIDENT
557523.484160	557523.5	4160689	HOTEL_8	0.13	0.13	0.07	0.07	RESIDENT
557523.484160	557523.5	4160699	HOTEL_9	0.13	0.13	0.07	0.07	RESIDENT
557523.4841607	557523.5	4160709	HOTEL_10	0.13	0.13	0.07	0.07	RESIDENT
557523.484160	557523.5	4160719	HOTEL_11	0.13	0.12	0.07	0.07	RESIDENT
557523.484160	557523.5	4160729	HOTEL_12	0.13	0.12	0.07	0.07	RESIDENT
557533.484160	557533.5	4160679	HOTEL_13	0.13	0.13	0.07	0.07	RESIDENT
557533.484160	557533.5	4160689	HOTEL_14	0.13	0.13	0.07	0.07	RESIDENT
557533.484160	557533.5	4160699	HOTEL_15	0.13	0.13	0.07	0.07	RESIDENT
557533.4841607	557533.5	4160709	HOTEL_16	0.13	0.13	0.07	0.07	RESIDENT
557533.484160	557533.5	4160719	HOTEL_17	0.13	0.13	0.07	0.07	RESIDENT
557533.484160	557533.5	4160729	HOTEL_18	0.13	0.13	0.07	0.07	RESIDENT
557543.484160	557543.5	4160679	HOTEL_19	0.14	0.14	0.08	0.07	RESIDENT
557543.484160	557543.5	4160689	HOTEL_20	0.14	0.14	0.08	0.07	RESIDENT
557543.484160	557543.5	4160699	HOTEL_21	0.14	0.13	0.08	0.07	RESIDENT
557543.4841607	557543.5	4160709	HOTEL_22	0.14	0.13	0.08	0.07	RESIDENT

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
557543.4841607	557543.5	4160719	HOTEL_23	0.14	0.13	0.08	0.07	RESIDENT
557543.4841607	557543.5	4160729	HOTEL_24	0.14	0.13	0.08	0.07	RESIDENT
557553.4841606	557553.5	4160679	HOTEL_25	0.14	0.14	0.08	0.08	RESIDENT
557553.4841606	557553.5	4160689	HOTEL_26	0.14	0.14	0.08	0.08	RESIDENT
557553.4841606	557553.5	4160699	HOTEL_27	0.14	0.14	0.08	0.08	RESIDENT
557553.4841607	557553.5	4160709	HOTEL_28	0.14	0.14	0.08	0.08	RESIDENT
557553.4841607	557553.5	4160719	HOTEL_29	0.14	0.14	0.08	0.08	RESIDENT
557553.4841607	557553.5	4160729	HOTEL_30	0.14	0.14	0.08	0.08	RESIDENT
557563.4841606	557563.5	4160679	HOTEL_31	0.15	0.15	0.08	0.08	RESIDENT
557563.4841606	557563.5	4160689	HOTEL_32	0.15	0.15	0.08	0.08	RESIDENT
557563.4841606	557563.5	4160699	HOTEL_33	0.15	0.14	0.08	0.08	RESIDENT
557563.4841607	557563.5	4160709	HOTEL_34	0.15	0.14	0.08	0.08	RESIDENT
557563.4841607	557563.5	4160719	HOTEL_35	0.15	0.14	0.08	0.08	RESIDENT
557563.4841607	557563.5	4160729	HOTEL_36	0.15	0.14	0.08	0.08	RESIDENT
557573.4841606	557573.5	4160679	HOTEL_37	0.15	0.15	0.08	0.08	RESIDENT
557573.4841606	557573.5	4160689	HOTEL_38	0.15	0.15	0.08	0.08	RESIDENT
557573.4841606	557573.5	4160699	HOTEL_39	0.15	0.15	0.08	0.08	RESIDENT
557573.4841607	557573.5	4160709	HOTEL_40	0.15	0.15	0.08	0.08	RESIDENT
557573.4841607	557573.5	4160719	HOTEL_41	0.15	0.14	0.08	0.08	RESIDENT
557573.4841607	557573.5	4160729	HOTEL_42	0.15	0.14	0.08	0.08	RESIDENT
557583.4841606	557583.5	4160679	HOTEL_43	0.16	0.16	0.08	0.08	RESIDENT
557583.4841606	557583.5	4160689	HOTEL_44	0.16	0.15	0.08	0.08	RESIDENT
557583.4841606	557583.5	4160699	HOTEL_45	0.16	0.15	0.08	0.08	RESIDENT
557583.4841607	557583.5	4160709	HOTEL_46	0.16	0.15	0.08	0.08	RESIDENT
557583.4841607	557583.5	4160719	HOTEL_47	0.16	0.15	0.08	0.08	RESIDENT
557583.4841607	557583.5	4160729	HOTEL_48	0.16	0.15	0.08	0.08	RESIDENT
557593.4841606	557593.5	4160679	HOTEL_49	0.16	0.16	0.08	0.08	RESIDENT
557593.4841606	557593.5	4160689	HOTEL_50	0.16	0.16	0.08	0.08	RESIDENT
557593.4841606	557593.5	4160699	HOTEL_51	0.16	0.16	0.08	0.08	RESIDENT
557593.4841607	557593.5	4160709	HOTEL_52	0.16	0.16	0.08	0.08	RESIDENT
557593.4841607	557593.5	4160719	HOTEL_53	0.16	0.15	0.08	0.08	RESIDENT
557593.4841607	557593.5	4160729	HOTEL_54	0.16	0.15	0.08	0.08	RESIDENT
557603.4841606	557603.5	4160679	HOTEL_55	0.17	0.17	0.08	0.08	RESIDENT
557603.4841606	557603.5	4160689	HOTEL_56	0.17	0.16	0.08	0.08	RESIDENT
557603.4841606	557603.5	4160699	HOTEL_57	0.17	0.16	0.08	0.08	RESIDENT
557603.4841607	557603.5	4160709	HOTEL_58	0.17	0.16	0.08	0.08	RESIDENT
557603.4841607	557603.5	4160719	HOTEL_59	0.17	0.16	0.08	0.08	RESIDENT
557613.4841606	557613.5	4160679	HOTEL_60	0.17	0.17	0.09	0.08	RESIDENT
557613.4841606	557613.5	4160689	HOTEL_61	0.17	0.17	0.09	0.08	RESIDENT
557613.4841606	557613.5	4160699	HOTEL_62	0.17	0.17	0.09	0.08	RESIDENT
557613.4841607	557613.5	4160709	HOTEL_63	0.17	0.17	0.09	0.08	RESIDENT
557623.4841606	557623.5	4160689	HOTEL_64	0.18	0.18	0.09	0.09	RESIDENT
557623.4841606	557623.5	4160699	HOTEL_65	0.18	0.17	0.09	0.09	RESIDENT
557623.4841607	557623.5	4160709	HOTEL_66	0.18	0.17	0.09	0.09	RESIDENT
558477.6641605	558477.7	4160569	WRKR_512	2.31	2.41	4.87	5.32	WORKER
558477.6641605	558477.7	4160579	WRKR_513	2.53	2.67	5.63	6.31	WORKER
558477.6641605	558477.7	4160589	WRKR_514	2.78	2.96	6.66	7.74	WORKER
558477.6641605	558477.7	4160599	WRKR_515	3.05	3.28	8.09	9.94	WORKER
558487.6641605	558487.7	4160569	WRKR_516	2.20	2.31	5.07	5.54	WORKER
558487.6641605	558487.7	4160579	WRKR_517	2.39	2.54	5.77	6.46	WORKER
558487.6641605	558487.7	4160589	WRKR_518	2.60	2.79	6.68	7.71	WORKER
558487.6641605	558487.7	4160599	WRKR_519	2.83	3.07	7.95	9.56	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558497.6641605	558497.7	4160569	WRKR_520	2.12	2.24	5.36	5.92	WORKER
558497.6641605	558497.7	4160579	WRKR_521	2.30	2.45	6.04	6.81	WORKER
558497.6641605	558497.7	4160589	WRKR_522	2.49	2.68	6.95	8.06	WORKER
558497.6641605	558497.7	4160599	WRKR_523	2.68	2.91	8.20	9.84	WORKER
558507.6641605	558507.7	4160569	WRKR_524	2.06	2.18	5.85	6.55	WORKER
558507.6641605	558507.7	4160579	WRKR_525	2.22	2.37	6.52	7.45	WORKER
558507.6641605	558507.7	4160589	WRKR_526	2.39	2.58	7.51	8.85	WORKER
558507.6641605	558507.7	4160599	WRKR_527	2.56	2.79	8.87	10.83	WORKER
558517.6641605	558517.7	4160569	WRKR_528	1.99	2.12	6.43	7.34	WORKER
558517.6641605	558517.7	4160579	WRKR_529	2.14	2.29	7.14	8.36	WORKER
558517.6641605	558517.7	4160589	WRKR_530	2.29	2.47	8.15	9.83	WORKER
558517.6641605	558517.7	4160599	WRKR_531	2.44	2.65	9.66	12.09	WORKER
558527.6641605	558527.7	4160569	WRKR_532	1.92	2.05	7.14	8.41	WORKER
558527.6641605	558527.7	4160579	WRKR_533	2.05	2.20	7.95	9.65	WORKER
558527.6641605	558527.7	4160589	WRKR_534	2.18	2.36	9.06	11.37	WORKER
558527.6641605	558527.7	4160599	WRKR_535	2.31	2.52	8.39	13.99	WORKER
558537.6641605	558537.7	4160569	WRKR_536	1.85	1.98	8.15	10.05	WORKER
558537.6641605	558537.7	4160579	WRKR_537	1.97	2.12	9.06	11.63	WORKER
558537.6641605	558537.7	4160589	WRKR_538	2.08	2.26	7.64	13.82	WORKER
558537.6641605	558537.7	4160599	WRKR_539	2.19	2.38	8.52	10.81	WORKER
558547.6641605	558547.7	4160569	WRKR_540	1.78	1.91	9.57	12.54	WORKER
558547.6641605	558547.7	4160579	WRKR_541	1.89	2.04	7.55	9.42	WORKER
558547.6641605	558547.7	4160589	WRKR_542	1.98	2.15	5.67	6.61	WORKER
558557.6641605	558557.7	4160569	WRKR_543	1.72	1.85	5.37	6.32	WORKER
558600.6441605	558600.6	4160569	WRKR_544	1.45	1.58	6.94	8.84	WORKER
558600.6441605	558600.6	4160579	WRKR_545	1.50	1.64	7.08	9.07	WORKER
558600.6441605	558600.6	4160589	WRKR_546	1.54	1.68	8.51	11.40	WORKER
558600.6441605	558600.6	4160599	WRKR_547	1.57	1.71	7.72	9.91	WORKER
558610.6441605	558610.6	4160569	WRKR_548	1.39	1.51	8.35	10.95	WORKER
558610.6441605	558610.6	4160579	WRKR_549	1.43	1.56	7.72	9.78	WORKER
558610.6441605	558610.6	4160589	WRKR_550	1.46	1.59	7.10	8.73	WORKER
558610.6441605	558610.6	4160599	WRKR_551	1.49	1.62	6.45	7.71	WORKER
558620.6441605	558620.6	4160569	WRKR_552	1.33	1.45	7.11	8.60	WORKER
558620.6441605	558620.6	4160579	WRKR_553	1.36	1.48	6.57	7.80	WORKER
558620.6441605	558620.6	4160589	WRKR_554	1.39	1.51	6.07	7.07	WORKER
558620.6441605	558620.6	4160599	WRKR_555	1.41	1.53	5.53	6.33	WORKER
558630.6441605	558630.6	4160569	WRKR_556	1.27	1.38	6.13	7.05	WORKER
558630.6441605	558630.6	4160579	WRKR_557	1.30	1.41	5.70	6.49	WORKER
558630.6441605	558630.6	4160589	WRKR_558	1.32	1.43	5.25	5.90	WORKER
558630.6441605	558630.6	4160599	WRKR_559	1.34	1.45	4.77	5.31	WORKER
558640.6441605	558640.6	4160569	WRKR_560	1.21	1.32	5.34	5.96	WORKER
558640.6441605	558640.6	4160579	WRKR_561	1.24	1.34	4.97	5.51	WORKER
558640.6441605	558640.6	4160589	WRKR_562	1.25	1.36	4.56	5.02	WORKER
558640.6441605	558640.6	4160599	WRKR_563	1.27	1.37	4.16	4.54	WORKER
558650.6441605	558650.6	4160569	WRKR_564	1.16	1.26	4.70	5.15	WORKER
558650.6441605	558650.6	4160579	WRKR_565	1.18	1.28	4.38	4.77	WORKER
558650.6441605	558650.6	4160589	WRKR_566	1.19	1.29	4.03	4.36	WORKER
558650.6441605	558650.6	4160599	WRKR_567	1.20	1.30	3.69	3.97	WORKER
558660.6441605	558660.6	4160569	WRKR_568	1.11	1.20	4.22	4.55	WORKER
558660.6441605	558660.6	4160579	WRKR_569	1.12	1.22	3.93	4.22	WORKER
558660.6441605	558660.6	4160589	WRKR_570	1.13	1.22	3.62	3.87	WORKER
558660.6441605	558660.6	4160599	WRKR_571	1.14	1.23	3.34	3.55	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558670.6441605	558670.6	4160569	WRKR_57	1.06	1.15	3.81	4.08	WORKER
558670.6441605	558670.6	4160579	WRKR_57	1.07	1.16	3.54	3.77	WORKER
558670.6441605	558670.6	4160589	WRKR_57	1.08	1.16	3.28	3.48	WORKER
558495.4416049	558495.4	4160499	WRKR_57	1.20	1.21	3.14	3.27	WORKER
558495.4416050	558495.4	4160509	WRKR_57	1.31	1.33	3.32	3.48	WORKER
558495.4416051	558495.4	4160519	WRKR_57	1.43	1.46	3.53	3.72	WORKER
558495.4416052	558495.4	4160529	WRKR_57	1.56	1.60	3.77	3.99	WORKER
558505.4416049	558505.4	4160499	WRKR_57	1.19	1.20	3.48	3.66	WORKER
558505.4416050	558505.4	4160509	WRKR_58	1.29	1.31	3.67	3.89	WORKER
558505.4416051	558505.4	4160519	WRKR_58	1.40	1.44	3.89	4.15	WORKER
558505.4416052	558505.4	4160529	WRKR_58	1.53	1.57	4.15	4.44	WORKER
558515.4416049	558515.4	4160499	WRKR_58	1.17	1.19	3.91	4.17	WORKER
558515.4416050	558515.4	4160509	WRKR_58	1.27	1.30	4.12	4.43	WORKER
558515.4416051	558515.4	4160519	WRKR_58	1.38	1.42	4.36	4.71	WORKER
558515.4416052	558515.4	4160529	WRKR_58	1.50	1.55	4.62	5.03	WORKER
558525.4416049	558525.4	4160499	WRKR_58	1.16	1.18	4.44	4.83	WORKER
558525.4416050	558525.4	4160509	WRKR_58	1.25	1.28	4.70	5.15	WORKER
558525.4416051	558525.4	4160519	WRKR_58	1.36	1.40	4.95	5.47	WORKER
558525.4416052	558525.4	4160529	WRKR_59	1.47	1.52	5.24	5.84	WORKER
558535.4416049	558535.4	4160499	WRKR_59	1.14	1.17	5.16	5.77	WORKER
558535.4416050	558535.4	4160509	WRKR_59	1.23	1.27	5.44	6.15	WORKER
558535.4416051	558535.4	4160519	WRKR_59	1.33	1.38	5.75	6.56	WORKER
558535.4416052	558535.4	4160529	WRKR_59	1.44	1.50	6.06	6.99	WORKER
558545.4416049	558545.4	4160499	WRKR_59	1.13	1.15	6.07	7.08	WORKER
558545.4416050	558545.4	4160509	WRKR_59	1.22	1.25	6.43	7.61	WORKER
558545.4416051	558545.4	4160519	WRKR_59	1.31	1.36	6.79	8.16	WORKER
558545.4416052	558545.4	4160529	WRKR_59	1.41	1.47	7.16	8.71	WORKER
558555.4416049	558555.4	4160499	WRKR_59	1.11	1.14	7.33	9.11	WORKER
558555.4416050	558555.4	4160509	WRKR_60	1.20	1.24	7.77	9.84	WORKER
558555.4416051	558555.4	4160519	WRKR_60	1.28	1.34	8.20	10.56	WORKER
558555.4416052	558555.4	4160529	WRKR_60	1.38	1.44	8.68	11.38	WORKER
558565.4416049	558565.4	4160499	WRKR_60	1.10	1.13	6.36	7.79	WORKER
558565.4416050	558565.4	4160509	WRKR_60	1.18	1.22	7.00	8.89	WORKER
558565.4416051	558565.4	4160519	WRKR_60	1.26	1.32	5.00	5.84	WORKER
558565.4416052	558565.4	4160529	WRKR_60	1.34	1.42	7.23	9.38	WORKER
558618.9841604	558619	4160499	WRKR_60	0.99	1.04	5.32	6.31	WORKER
558618.9841605	558619	4160509	WRKR_60	1.04	1.11	7.02	8.83	WORKER
558618.9841605	558619	4160519	WRKR_60	1.10	1.17	7.04	12.37	WORKER
558618.9841605	558619	4160529	WRKR_61	1.15	1.24	8.92	11.53	WORKER
558628.9841604	558629	4160499	WRKR_61	0.97	1.03	9.12	11.74	WORKER
558628.9841605	558629	4160509	WRKR_61	1.02	1.09	8.48	10.59	WORKER
558628.9841605	558629	4160519	WRKR_61	1.07	1.15	8.00	9.77	WORKER
558628.9841605	558629	4160529	WRKR_61	1.12	1.20	7.63	9.18	WORKER
558638.9841604	558639	4160499	WRKR_61	0.95	1.01	7.97	9.61	WORKER
558638.9841605	558639	4160509	WRKR_61	0.99	1.06	7.43	8.76	WORKER
558638.9841605	558639	4160519	WRKR_61	1.04	1.12	7.03	8.16	WORKER
558638.9841605	558639	4160529	WRKR_61	1.08	1.17	6.70	7.70	WORKER
558648.9841604	558649	4160499	WRKR_61	0.92	0.99	7.13	8.26	WORKER
558648.9841605	558649	4160509	WRKR_62	0.97	1.04	6.64	7.56	WORKER
558648.9841605	558649	4160519	WRKR_62	1.01	1.09	6.28	7.06	WORKER
558648.9841605	558649	4160529	WRKR_62	1.05	1.13	5.97	6.66	WORKER
558658.9841604	558659	4160499	WRKR_62	0.90	0.97	6.52	7.36	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558658.9841605	558659	4160509	WRKR_624	0.94	1.01	6.06	6.74	WORKER
558658.9841605	558659	4160519	WRKR_625	0.98	1.05	5.69	6.27	WORKER
558658.9841605	558659	4160529	WRKR_626	1.01	1.09	5.40	5.91	WORKER
558668.9841604	558669	4160499	WRKR_627	0.88	0.94	5.99	6.66	WORKER
558668.9841605	558669	4160509	WRKR_628	0.91	0.98	5.55	6.10	WORKER
558668.9841605	558669	4160519	WRKR_629	0.95	1.02	5.20	5.66	WORKER
558668.9841605	558669	4160529	WRKR_630	0.98	1.06	4.92	5.32	WORKER
558678.9841604	558679	4160499	WRKR_631	0.86	0.92	5.57	6.13	WORKER
558678.9841605	558679	4160509	WRKR_632	0.89	0.96	5.14	5.59	WORKER
558678.9841605	558679	4160519	WRKR_633	0.92	0.99	4.80	5.18	WORKER
558678.9841605	558679	4160529	WRKR_634	0.94	1.02	4.52	4.85	WORKER
558688.9841604	558689	4160499	WRKR_635	0.83	0.90	5.20	5.69	WORKER
558688.9841605	558689	4160509	WRKR_636	0.86	0.93	4.78	5.18	WORKER
558688.9841605	558689	4160519	WRKR_637	0.89	0.96	4.46	4.79	WORKER
558444.4141603	558444.4	4160372	WRKR_638	0.42	0.38	1.24	1.25	WORKER
558454.4141603	558454.4	4160382	WRKR_639	0.44	0.40	1.33	1.34	WORKER
558454.4141603	558454.4	4160392	WRKR_640	0.48	0.43	1.38	1.40	WORKER
558454.4141604	558454.4	4160402	WRKR_641	0.51	0.47	1.44	1.45	WORKER
558464.4141603	558464.4	4160382	WRKR_642	0.44	0.40	1.41	1.42	WORKER
558464.4141603	558464.4	4160392	WRKR_643	0.47	0.43	1.46	1.48	WORKER
558464.4141604	558464.4	4160402	WRKR_644	0.51	0.47	1.52	1.54	WORKER
558474.4141603	558474.4	4160382	WRKR_645	0.44	0.39	1.49	1.50	WORKER
558474.4141603	558474.4	4160392	WRKR_646	0.47	0.43	1.55	1.57	WORKER
558474.4141604	558474.4	4160402	WRKR_647	0.51	0.47	1.61	1.63	WORKER
558484.4141603	558484.4	4160382	WRKR_648	0.44	0.39	1.58	1.60	WORKER
558484.4141603	558484.4	4160392	WRKR_649	0.47	0.43	1.64	1.66	WORKER
558484.4141604	558484.4	4160402	WRKR_650	0.51	0.46	1.70	1.72	WORKER
558494.4141603	558494.4	4160382	WRKR_651	0.44	0.39	1.68	1.70	WORKER
558494.4141603	558494.4	4160392	WRKR_652	0.47	0.43	1.74	1.77	WORKER
558494.4141604	558494.4	4160402	WRKR_653	0.51	0.46	1.81	1.84	WORKER
558504.4141603	558504.4	4160382	WRKR_654	0.44	0.40	1.80	1.82	WORKER
558504.4141603	558504.4	4160392	WRKR_655	0.47	0.43	1.89	1.92	WORKER
558504.4141604	558504.4	4160402	WRKR_656	0.52	0.47	2.01	2.04	WORKER
558514.4141603	558514.4	4160382	WRKR_657	0.44	0.40	1.93	1.96	WORKER
558514.4141603	558514.4	4160392	WRKR_658	0.47	0.43	2.04	2.07	WORKER
558514.4141604	558514.4	4160402	WRKR_659	0.52	0.48	2.17	2.22	WORKER
558524.4141603	558524.4	4160392	WRKR_660	0.48	0.44	2.20	2.25	WORKER
558524.4141604	558524.4	4160402	WRKR_661	0.52	0.48	2.36	2.42	WORKER
558581.8241603	558581.8	4160392	WRKR_662	0.49	0.47	3.77	4.00	WORKER
558581.8241604	558581.8	4160402	WRKR_663	0.53	0.51	4.22	4.56	WORKER
558581.824160	558581.8	4160412	WRKR_664	0.57	0.55	4.77	5.28	WORKER
558581.824160	558581.8	4160422	WRKR_665	0.62	0.60	5.43	6.20	WORKER
558591.8241603	558591.8	4160392	WRKR_666	0.49	0.47	4.10	4.40	WORKER
558591.8241604	558591.8	4160402	WRKR_667	0.53	0.51	4.64	5.10	WORKER
558591.824160	558591.8	4160412	WRKR_668	0.57	0.56	5.31	6.03	WORKER
558591.824160	558591.8	4160422	WRKR_669	0.62	0.60	6.14	7.31	WORKER
558601.8241603	558601.8	4160382	WRKR_670	0.46	0.44	3.93	4.19	WORKER
558601.8241603	558601.8	4160392	WRKR_671	0.50	0.47	4.44	4.83	WORKER
558601.8241604	558601.8	4160402	WRKR_672	0.53	0.52	5.09	5.70	WORKER
558601.824160	558601.8	4160412	WRKR_673	0.57	0.56	5.89	6.91	WORKER
558601.824160	558601.8	4160422	WRKR_674	0.62	0.61	6.91	8.65	WORKER
558611.8241603	558611.8	4160382	WRKR_675	0.46	0.44	4.18	4.49	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558611.8241603	558611.8	4160392	WRKR_676	0.50	0.48	4.75	5.24	WORKER
558611.8241604	558611.8	4160402	WRKR_677	0.53	0.52	5.55	6.36	WORKER
558611.824160	558611.8	4160412	WRKR_678	0.57	0.56	6.50	7.93	WORKER
558611.824160	558611.8	4160422	WRKR_679	0.61	0.61	7.75	10.30	WORKER
558621.8241603	558621.8	4160382	WRKR_680	0.47	0.45	4.46	4.84	WORKER
558621.8241603	558621.8	4160392	WRKR_681	0.50	0.48	5.10	5.71	WORKER
558621.8241604	558621.8	4160402	WRKR_682	0.53	0.52	6.01	7.07	WORKER
558621.824160	558621.8	4160412	WRKR_683	0.57	0.56	7.18	9.14	WORKER
558621.824160	558621.8	4160422	WRKR_684	0.61	0.61	5.95	7.46	WORKER
558631.8241603	558631.8	4160382	WRKR_685	0.47	0.45	4.76	5.21	WORKER
558631.8241603	558631.8	4160392	WRKR_686	0.50	0.49	5.47	6.20	WORKER
558631.8241604	558631.8	4160402	WRKR_687	0.53	0.52	6.51	7.84	WORKER
558641.8241603	558641.8	4160382	WRKR_688	0.47	0.45	5.05	5.57	WORKER
558641.8241603	558641.8	4160392	WRKR_689	0.50	0.49	5.83	6.70	WORKER
558641.8241604	558641.8	4160402	WRKR_690	0.53	0.53	7.04	8.66	WORKER
558651.8241603	558651.8	4160382	WRKR_691	0.47	0.46	5.42	6.05	WORKER
558651.8241603	558651.8	4160392	WRKR_692	0.50	0.49	6.30	7.33	WORKER
558651.8241604	558651.8	4160402	WRKR_693	0.53	0.53	7.66	9.61	WORKER
558661.8241603	558661.8	4160382	WRKR_694	0.47	0.46	5.85	6.58	WORKER
558661.8241603	558661.8	4160392	WRKR_695	0.50	0.49	6.78	7.98	WORKER
558661.8241604	558661.8	4160402	WRKR_696	0.53	0.53	8.30	10.62	WORKER
558671.8241603	558671.8	4160362	WRKR_697	0.41	0.40	5.28	5.80	WORKER
558671.824160	558671.8	4160372	WRKR_698	0.44	0.43	5.71	6.34	WORKER
558671.8241603	558671.8	4160382	WRKR_699	0.47	0.46	6.35	7.23	WORKER
558671.8241603	558671.8	4160392	WRKR_700	0.50	0.49	7.34	8.74	WORKER
558671.8241604	558671.8	4160402	WRKR_701	0.53	0.53	8.98	11.64	WORKER
558681.8241603	558681.8	4160362	WRKR_702	0.41	0.40	5.90	6.61	WORKER
558681.824160	558681.8	4160372	WRKR_703	0.44	0.43	6.21	7.03	WORKER
558681.8241603	558681.8	4160382	WRKR_704	0.47	0.46	6.92	8.02	WORKER
558681.8241603	558681.8	4160392	WRKR_705	0.50	0.50	7.97	9.63	WORKER
558681.8241604	558681.8	4160402	WRKR_706	0.53	0.53	9.65	12.60	WORKER
558691.8241603	558691.8	4160362	WRKR_707	0.41	0.40	6.77	7.87	WORKER
558691.824160	558691.8	4160372	WRKR_708	0.44	0.43	7.17	8.41	WORKER
558691.8241603	558691.8	4160382	WRKR_709	0.47	0.46	7.80	9.31	WORKER
558691.8241603	558691.8	4160392	WRKR_710	0.49	0.50	8.85	10.98	WORKER
558691.8241604	558691.8	4160402	WRKR_711	0.52	0.53	10.60	14.22	WORKER
558701.8241603	558701.8	4160362	WRKR_712	0.41	0.41	7.99	9.88	WORKER
558701.824160	558701.8	4160372	WRKR_713	0.44	0.44	8.39	10.45	WORKER
558701.8241603	558701.8	4160382	WRKR_714	0.47	0.47	9.02	11.41	WORKER
558701.8241603	558701.8	4160392	WRKR_715	0.49	0.50	10.04	13.10	WORKER
558701.8241604	558701.8	4160402	WRKR_716	0.52	0.53	11.75	16.45	WORKER
558711.8241603	558711.8	4160362	WRKR_717	0.41	0.41	9.73	13.31	WORKER
558711.824160	558711.8	4160372	WRKR_718	0.44	0.44	10.11	13.92	WORKER
558711.8241603	558711.8	4160382	WRKR_719	0.46	0.47	8.33	10.64	WORKER
558711.8241603	558711.8	4160392	WRKR_720	0.49	0.50	11.67	16.59	WORKER
558711.8241604	558711.8	4160402	WRKR_721	0.52	0.53	7.53	9.68	WORKER
558721.8241603	558721.8	4160362	WRKR_722	0.41	0.41	5.78	6.84	WORKER
558721.824160	558721.8	4160372	WRKR_723	0.44	0.44	6.46	7.93	WORKER
558721.8241603	558721.8	4160382	WRKR_724	0.46	0.47	9.21	12.62	WORKER
558721.8241603	558721.8	4160392	WRKR_725	0.49	0.50	7.19	9.15	WORKER
558721.8241604	558721.8	4160402	WRKR_726	0.51	0.53	7.67	10.01	WORKER
558690.0941602	558690.1	4160295	WRKR_727	0.27	0.25	5.33	6.02	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558690.0941603	558690.1	4160305	WRKR_728	0.29	0.27	5.40	6.10	WORKER
558690.0941603	558690.1	4160315	WRKR_729	0.31	0.29	5.47	6.18	WORKER
558690.0941603	558690.1	4160325	WRKR_730	0.32	0.31	5.56	6.27	WORKER
558690.0941603	558690.1	4160335	WRKR_731	0.35	0.33	5.67	6.41	WORKER
558700.0941602	558700.1	4160295	WRKR_732	0.27	0.25	6.44	7.62	WORKER
558700.0941603	558700.1	4160305	WRKR_733	0.29	0.27	6.53	7.73	WORKER
558700.0941603	558700.1	4160315	WRKR_734	0.31	0.29	6.59	7.79	WORKER
558700.0941603	558700.1	4160325	WRKR_735	0.33	0.31	6.66	7.84	WORKER
558700.0941603	558700.1	4160335	WRKR_736	0.35	0.33	6.76	7.96	WORKER
558710.0941602	558710.1	4160295	WRKR_737	0.27	0.26	8.08	10.27	WORKER
558710.0941603	558710.1	4160305	WRKR_738	0.29	0.27	8.15	10.32	WORKER
558710.0941603	558710.1	4160315	WRKR_739	0.31	0.29	8.21	10.35	WORKER
558710.0941603	558710.1	4160325	WRKR_740	0.33	0.31	8.28	10.41	WORKER
558710.0941603	558710.1	4160335	WRKR_741	0.35	0.34	8.34	10.45	WORKER
558720.0941602	558720.1	4160295	WRKR_742	0.28	0.26	7.08	8.86	WORKER
558720.0941603	558720.1	4160305	WRKR_743	0.29	0.28	4.97	5.75	WORKER
558720.0941603	558720.1	4160315	WRKR_744	0.31	0.30	7.18	9.09	WORKER
558720.0941603	558720.1	4160325	WRKR_745	0.33	0.32	7.33	9.19	WORKER
558612.6841602	558612.7	4160297	WRKR_746	0.26	0.23	2.27	2.32	WORKER
558612.6841603	558612.7	4160307	WRKR_747	0.27	0.24	2.37	2.42	WORKER
558612.6841603	558612.7	4160317	WRKR_748	0.29	0.26	2.48	2.54	WORKER
558612.6841603	558612.7	4160327	WRKR_749	0.31	0.28	2.60	2.67	WORKER
558612.6841603	558612.7	4160337	WRKR_750	0.33	0.31	2.76	2.84	WORKER
558622.6841602	558622.7	4160297	WRKR_751	0.26	0.23	2.44	2.51	WORKER
558622.6841603	558622.7	4160307	WRKR_752	0.28	0.25	2.54	2.61	WORKER
558622.6841603	558622.7	4160317	WRKR_753	0.29	0.27	2.65	2.72	WORKER
558622.6841603	558622.7	4160327	WRKR_754	0.31	0.29	2.78	2.86	WORKER
558622.6841603	558622.7	4160337	WRKR_755	0.34	0.31	2.94	3.04	WORKER
558632.6841602	558632.7	4160297	WRKR_756	0.26	0.23	2.65	2.73	WORKER
558632.6841603	558632.7	4160307	WRKR_757	0.28	0.25	2.74	2.83	WORKER
558632.6841603	558632.7	4160317	WRKR_758	0.30	0.27	2.85	2.95	WORKER
558632.6841603	558632.7	4160327	WRKR_759	0.32	0.29	2.98	3.09	WORKER
558632.6841603	558632.7	4160337	WRKR_760	0.34	0.31	3.14	3.27	WORKER
558642.6841602	558642.7	4160297	WRKR_761	0.26	0.24	2.91	3.02	WORKER
558642.6841603	558642.7	4160307	WRKR_762	0.28	0.25	2.98	3.10	WORKER
558642.6841603	558642.7	4160317	WRKR_763	0.30	0.27	3.09	3.22	WORKER
558642.6841603	558642.7	4160327	WRKR_764	0.32	0.29	3.22	3.36	WORKER
558642.6841603	558642.7	4160337	WRKR_765	0.34	0.32	3.38	3.54	WORKER
558652.6841602	558652.7	4160297	WRKR_766	0.27	0.24	3.21	3.36	WORKER
558652.6841603	558652.7	4160307	WRKR_767	0.28	0.26	3.28	3.44	WORKER
558652.6841603	558652.7	4160317	WRKR_768	0.30	0.28	3.39	3.56	WORKER
558652.6841603	558652.7	4160327	WRKR_769	0.32	0.30	3.51	3.69	WORKER
558652.6841603	558652.7	4160337	WRKR_770	0.34	0.32	3.67	3.87	WORKER
558662.6841602	558662.7	4160297	WRKR_771	0.27	0.24	3.61	3.83	WORKER
558662.6841603	558662.7	4160307	WRKR_772	0.29	0.26	3.68	3.90	WORKER
558662.6841603	558662.7	4160317	WRKR_773	0.30	0.28	3.76	4.00	WORKER
558662.6841603	558662.7	4160327	WRKR_774	0.32	0.30	3.88	4.12	WORKER
558662.6841603	558662.7	4160337	WRKR_775	0.35	0.33	4.03	4.30	WORKER
558672.6841602	558672.7	4160297	WRKR_776	0.27	0.25	4.08	4.40	WORKER
558672.6841603	558672.7	4160307	WRKR_777	0.29	0.26	4.17	4.49	WORKER
558672.6841603	558672.7	4160317	WRKR_778	0.31	0.28	4.25	4.59	WORKER
558672.6841603	558672.7	4160327	WRKR_779	0.33	0.31	4.35	4.70	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558672.6841603	558672.7	4160337	WRKR_780	0.35	0.33	4.50	4.87	WORKER
558543.5841602	558543.6	4160291	WRKR_781	0.24	0.22	1.53	1.54	WORKER
558553.5841603	558553.6	4160301	WRKR_782	0.26	0.23	1.68	1.70	WORKER
558553.5841603	558553.6	4160311	WRKR_783	0.27	0.24	1.75	1.78	WORKER
558553.5841603	558553.6	4160321	WRKR_784	0.29	0.26	1.84	1.87	WORKER
558553.5841603	558553.6	4160331	WRKR_785	0.31	0.28	1.94	1.97	WORKER
558563.5841603	558563.6	4160301	WRKR_786	0.26	0.23	1.77	1.79	WORKER
558563.5841603	558563.6	4160311	WRKR_787	0.27	0.24	1.85	1.88	WORKER
558563.5841603	558563.6	4160321	WRKR_788	0.29	0.26	1.95	1.98	WORKER
558563.5841603	558563.6	4160331	WRKR_789	0.31	0.28	2.05	2.09	WORKER
558573.5841603	558573.6	4160301	WRKR_790	0.26	0.23	1.87	1.89	WORKER
558573.5841603	558573.6	4160311	WRKR_791	0.28	0.24	1.96	1.99	WORKER
558573.5841603	558573.6	4160321	WRKR_792	0.29	0.26	2.06	2.09	WORKER
558573.5841603	558573.6	4160331	WRKR_793	0.31	0.28	2.17	2.21	WORKER
558583.5841603	558583.6	4160301	WRKR_794	0.26	0.23	1.98	2.01	WORKER
558583.5841603	558583.6	4160311	WRKR_795	0.28	0.25	2.07	2.10	WORKER
558583.5841603	558583.6	4160321	WRKR_796	0.30	0.26	2.18	2.22	WORKER
558583.5841603	558583.6	4160331	WRKR_797	0.32	0.28	2.30	2.34	WORKER
558593.5841603	558593.6	4160331	WRKR_798	0.32	0.29	2.44	2.49	WORKER
558455.3541603	558455.4	4160304	WRKR_799	0.27	0.25	1.03	1.04	WORKER
558455.3541603	558455.4	4160314	WRKR_800	0.29	0.26	1.06	1.07	WORKER
558455.3541603	558455.4	4160324	WRKR_801	0.30	0.28	1.10	1.11	WORKER
558455.3541603	558455.4	4160334	WRKR_802	0.32	0.29	1.14	1.15	WORKER
558455.3541603	558455.4	4160344	WRKR_803	0.34	0.31	1.18	1.19	WORKER
558465.3541603	558465.4	4160304	WRKR_804	0.27	0.25	1.08	1.09	WORKER
558465.3541603	558465.4	4160314	WRKR_805	0.28	0.26	1.12	1.12	WORKER
558465.3541603	558465.4	4160324	WRKR_806	0.30	0.27	1.16	1.17	WORKER
558465.3541603	558465.4	4160334	WRKR_807	0.32	0.29	1.20	1.21	WORKER
558465.3541603	558465.4	4160344	WRKR_808	0.34	0.31	1.25	1.26	WORKER
558475.3541603	558475.4	4160304	WRKR_809	0.27	0.24	1.13	1.14	WORKER
558475.3541603	558475.4	4160314	WRKR_810	0.28	0.26	1.17	1.18	WORKER
558475.3541603	558475.4	4160324	WRKR_811	0.30	0.27	1.22	1.23	WORKER
558475.3541603	558475.4	4160334	WRKR_812	0.32	0.29	1.26	1.27	WORKER
558475.3541603	558475.4	4160344	WRKR_813	0.34	0.31	1.32	1.33	WORKER
558485.3541603	558485.4	4160304	WRKR_814	0.26	0.24	1.19	1.20	WORKER
558485.3541603	558485.4	4160314	WRKR_815	0.28	0.25	1.23	1.24	WORKER
558485.3541603	558485.4	4160324	WRKR_816	0.30	0.27	1.28	1.29	WORKER
558485.3541603	558485.4	4160334	WRKR_817	0.32	0.28	1.33	1.34	WORKER
558485.3541603	558485.4	4160344	WRKR_818	0.34	0.30	1.39	1.40	WORKER
558495.3541603	558495.4	4160304	WRKR_819	0.26	0.24	1.25	1.26	WORKER
558495.3541603	558495.4	4160314	WRKR_820	0.28	0.25	1.30	1.31	WORKER
558495.3541603	558495.4	4160324	WRKR_821	0.30	0.27	1.35	1.36	WORKER
558495.3541603	558495.4	4160334	WRKR_822	0.31	0.28	1.41	1.42	WORKER
558495.3541603	558495.4	4160344	WRKR_823	0.34	0.30	1.47	1.49	WORKER
558505.3541603	558505.4	4160304	WRKR_824	0.26	0.24	1.32	1.33	WORKER
558505.3541603	558505.4	4160314	WRKR_825	0.28	0.25	1.37	1.38	WORKER
558505.3541603	558505.4	4160324	WRKR_826	0.29	0.26	1.43	1.44	WORKER
558505.3541603	558505.4	4160334	WRKR_827	0.31	0.28	1.49	1.51	WORKER
558515.3541603	558515.4	4160304	WRKR_828	0.26	0.23	1.39	1.40	WORKER
558515.3541603	558515.4	4160314	WRKR_829	0.28	0.25	1.45	1.46	WORKER
558515.3541603	558515.4	4160324	WRKR_830	0.29	0.26	1.51	1.52	WORKER
558515.3541603	558515.4	4160334	WRKR_831	0.31	0.28	1.58	1.60	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558525.3541603	558525.4	4160304	WRKR_832	0.26	0.23	1.46	1.48	WORKER
558525.3541603	558525.4	4160314	WRKR_833	0.28	0.25	1.53	1.54	WORKER
558525.3541603	558525.4	4160324	WRKR_834	0.29	0.26	1.60	1.61	WORKER
558525.3541603	558525.4	4160334	WRKR_835	0.31	0.28	1.67	1.69	WORKER
558535.3541603	558535.4	4160304	WRKR_836	0.26	0.23	1.54	1.56	WORKER
558535.3541603	558535.4	4160314	WRKR_837	0.28	0.25	1.61	1.63	WORKER
558535.3541603	558535.4	4160324	WRKR_838	0.29	0.26	1.69	1.71	WORKER
558535.3541603	558535.4	4160334	WRKR_839	0.31	0.28	1.77	1.79	WORKER
558616.6741602	558616.7	4160230	WRKR_840	0.18	0.15	1.87	1.89	WORKER
558616.6741602	558616.7	4160240	WRKR_841	0.19	0.16	1.94	1.97	WORKER
558616.6741602	558616.7	4160250	WRKR_842	0.20	0.17	2.02	2.05	WORKER
558626.6741602	558626.7	4160230	WRKR_843	0.18	0.15	2.03	2.07	WORKER
558626.6741602	558626.7	4160240	WRKR_844	0.19	0.16	2.11	2.15	WORKER
558626.6741602	558626.7	4160250	WRKR_845	0.20	0.17	2.20	2.25	WORKER
558636.6741602	558636.7	4160230	WRKR_846	0.18	0.16	2.23	2.28	WORKER
558636.6741602	558636.7	4160240	WRKR_847	0.19	0.16	2.32	2.38	WORKER
558636.6741602	558636.7	4160250	WRKR_848	0.20	0.17	2.42	2.48	WORKER
558646.6741602	558646.7	4160230	WRKR_849	0.18	0.16	2.47	2.55	WORKER
558646.6741602	558646.7	4160240	WRKR_850	0.19	0.16	2.58	2.66	WORKER
558646.6741602	558646.7	4160250	WRKR_851	0.20	0.18	2.68	2.78	WORKER
558656.6741602	558656.7	4160230	WRKR_852	0.18	0.16	2.78	2.89	WORKER
558656.6741602	558656.7	4160240	WRKR_853	0.19	0.17	2.90	3.02	WORKER
558666.6741602	558666.7	4160230	WRKR_854	0.18	0.16	3.17	3.33	WORKER
558666.6741602	558666.7	4160240	WRKR_855	0.19	0.17	3.31	3.50	WORKER
558676.6741602	558676.7	4160230	WRKR_856	0.18	0.16	3.66	3.93	WORKER
558676.6741602	558676.7	4160240	WRKR_857	0.19	0.17	3.84	4.15	WORKER
558686.6741602	558686.7	4160230	WRKR_858	0.18	0.16	4.32	4.76	WORKER
558686.6741602	558686.7	4160240	WRKR_859	0.20	0.17	4.55	5.05	WORKER
558696.6741602	558696.7	4160230	WRKR_860	0.19	0.16	5.20	5.98	WORKER
558696.6741602	558696.7	4160240	WRKR_861	0.20	0.17	5.50	6.40	WORKER
558706.6741602	558706.7	4160230	WRKR_862	0.19	0.17	6.40	7.87	WORKER
558706.6741602	558706.7	4160240	WRKR_863	0.20	0.18	6.82	8.55	WORKER
558716.6741602	558716.7	4160230	WRKR_864	0.19	0.17	8.07	11.03	WORKER
558716.6741602	558716.7	4160240	WRKR_865	0.20	0.18	6.28	7.90	WORKER
558420.2141602	558420.2	4160236	WRKR_866	0.21	0.20	0.71	0.72	WORKER
558420.2141602	558420.2	4160246	WRKR_867	0.22	0.21	0.74	0.74	WORKER
558420.2141602	558420.2	4160256	WRKR_868	0.23	0.22	0.76	0.76	WORKER
558430.2141602	558430.2	4160236	WRKR_869	0.21	0.20	0.74	0.75	WORKER
558430.2141602	558430.2	4160246	WRKR_870	0.22	0.21	0.76	0.77	WORKER
558430.2141602	558430.2	4160256	WRKR_871	0.23	0.22	0.79	0.79	WORKER
558440.2141602	558440.2	4160236	WRKR_872	0.21	0.20	0.77	0.78	WORKER
558440.2141602	558440.2	4160246	WRKR_873	0.21	0.20	0.80	0.80	WORKER
558440.2141602	558440.2	4160256	WRKR_874	0.22	0.21	0.82	0.83	WORKER
558450.2141602	558450.2	4160236	WRKR_875	0.20	0.19	0.80	0.81	WORKER
558450.2141602	558450.2	4160246	WRKR_876	0.21	0.20	0.83	0.83	WORKER
558450.2141602	558450.2	4160256	WRKR_877	0.22	0.21	0.85	0.86	WORKER
558460.2141602	558460.2	4160236	WRKR_878	0.20	0.19	0.83	0.84	WORKER
558460.2141602	558460.2	4160246	WRKR_879	0.21	0.19	0.86	0.87	WORKER
558460.2141602	558460.2	4160256	WRKR_880	0.22	0.20	0.89	0.90	WORKER
558470.2141602	558470.2	4160236	WRKR_881	0.20	0.18	0.87	0.87	WORKER
558470.2141602	558470.2	4160246	WRKR_882	0.20	0.19	0.90	0.90	WORKER
558470.2141602	558470.2	4160256	WRKR_883	0.21	0.20	0.93	0.94	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558480.2141602	558480.2	4160236	WRKR_884	0.19	0.18	0.91	0.91	WORKER
558480.2141602	558480.2	4160246	WRKR_885	0.20	0.19	0.94	0.94	WORKER
558480.2141602	558480.2	4160256	WRKR_886	0.21	0.19	0.97	0.98	WORKER
558490.2141602	558490.2	4160236	WRKR_887	0.19	0.18	0.95	0.95	WORKER
558490.2141602	558490.2	4160246	WRKR_888	0.20	0.18	0.98	0.99	WORKER
558490.2141602	558490.2	4160256	WRKR_889	0.21	0.19	1.02	1.02	WORKER
558500.2141602	558500.2	4160236	WRKR_890	0.19	0.17	0.99	1.00	WORKER
558500.2141602	558500.2	4160246	WRKR_891	0.20	0.18	1.03	1.03	WORKER
558500.2141602	558500.2	4160256	WRKR_892	0.21	0.19	1.07	1.07	WORKER
558510.2141602	558510.2	4160236	WRKR_893	0.19	0.17	1.04	1.05	WORKER
558510.2141602	558510.2	4160246	WRKR_894	0.19	0.18	1.08	1.09	WORKER
558510.2141602	558510.2	4160256	WRKR_895	0.20	0.19	1.12	1.13	WORKER
558520.2141602	558520.2	4160236	WRKR_896	0.18	0.17	1.09	1.10	WORKER
558520.2141602	558520.2	4160246	WRKR_897	0.19	0.18	1.13	1.14	WORKER
558520.2141602	558520.2	4160256	WRKR_898	0.20	0.18	1.17	1.18	WORKER
558530.2141602	558530.2	4160236	WRKR_899	0.18	0.17	1.14	1.15	WORKER
558530.2141602	558530.2	4160246	WRKR_900	0.19	0.17	1.18	1.19	WORKER
558530.2141602	558530.2	4160256	WRKR_901	0.20	0.18	1.23	1.24	WORKER
558540.2141602	558540.2	4160236	WRKR_902	0.18	0.17	1.20	1.20	WORKER
558540.2141602	558540.2	4160246	WRKR_903	0.19	0.17	1.24	1.25	WORKER
558540.2141602	558540.2	4160256	WRKR_904	0.20	0.18	1.29	1.30	WORKER
558550.2141602	558550.2	4160236	WRKR_905	0.18	0.16	1.26	1.27	WORKER
558550.2141602	558550.2	4160246	WRKR_906	0.19	0.17	1.31	1.31	WORKER
558550.2141602	558550.2	4160256	WRKR_907	0.20	0.18	1.36	1.37	WORKER
558560.2141602	558560.2	4160236	WRKR_908	0.18	0.16	1.33	1.34	WORKER
558560.2141602	558560.2	4160246	WRKR_909	0.19	0.17	1.38	1.39	WORKER
558560.2141602	558560.2	4160256	WRKR_910	0.20	0.18	1.44	1.46	WORKER
558570.2141602	558570.2	4160236	WRKR_911	0.18	0.16	1.40	1.41	WORKER
558570.2141602	558570.2	4160246	WRKR_912	0.19	0.17	1.45	1.46	WORKER
558570.2141602	558570.2	4160256	WRKR_913	0.20	0.18	1.52	1.53	WORKER
558580.2141602	558580.2	4160236	WRKR_914	0.18	0.16	1.48	1.49	WORKER
558580.2141602	558580.2	4160246	WRKR_915	0.19	0.17	1.54	1.55	WORKER
558590.2141602	558590.2	4160236	WRKR_916	0.18	0.16	1.58	1.59	WORKER
558590.2141602	558590.2	4160246	WRKR_917	0.19	0.17	1.64	1.66	WORKER
558600.2141602	558600.2	4160246	WRKR_918	0.19	0.17	1.76	1.78	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
557996.3841607	557996.4	4160721	WRKR_1	1.64	1.61	0.21	0.21	WORKER
557996.3841607	557996.4	4160731	WRKR_2	1.61	1.58	0.21	0.21	WORKER
557996.3841607	557996.4	4160741	WRKR_3	1.56	1.54	0.21	0.21	WORKER
558006.3841607	558006.4	4160711	WRKR_4	1.87	1.84	0.22	0.22	WORKER
558006.3841607	558006.4	4160721	WRKR_5	1.84	1.82	0.22	0.22	WORKER
558006.3841607	558006.4	4160731	WRKR_6	1.80	1.79	0.22	0.22	WORKER
558006.3841607	558006.4	4160741	WRKR_7	1.76	1.74	0.22	0.22	WORKER
558016.3841607	558016.4	4160711	WRKR_8	2.13	2.12	0.23	0.23	WORKER
558016.3841607	558016.4	4160721	WRKR_9	2.09	2.09	0.23	0.23	WORKER
558016.3841607	558016.4	4160731	WRKR_10	2.04	2.03	0.23	0.23	WORKER
558016.3841607	558016.4	4160741	WRKR_11	1.97	1.97	0.22	0.22	WORKER
558026.3841607	558026.4	4160711	WRKR_12	2.43	2.44	0.24	0.24	WORKER
558026.3841607	558026.4	4160721	WRKR_13	2.39	2.41	0.24	0.24	WORKER
558026.3841607	558026.4	4160731	WRKR_14	2.32	2.34	0.23	0.23	WORKER
558026.3841607	558026.4	4160741	WRKR_15	2.23	2.26	0.23	0.23	WORKER
558277.5341605	558277.5	4160581	WRKR_16	6.43	6.98	1.16	1.18	WORKER
558277.5341605	558277.5	4160591	WRKR_17	7.75	8.68	1.19	1.22	WORKER
558287.5341605	558287.5	4160581	WRKR_18	6.26	6.71	1.31	1.34	WORKER
558287.5341605	558287.5	4160591	WRKR_19	7.46	8.23	1.35	1.40	WORKER
558297.5341605	558297.5	4160581	WRKR_20	6.05	6.44	1.49	1.54	WORKER
558297.5341605	558297.5	4160591	WRKR_21	7.18	7.83	1.55	1.62	WORKER
558307.5341605	558307.5	4160581	WRKR_22	5.79	6.16	1.72	1.79	WORKER
558307.5341605	558307.5	4160591	WRKR_23	6.90	7.47	1.81	1.92	WORKER
558317.5341605	558317.5	4160581	WRKR_24	5.55	5.89	1.98	2.10	WORKER
558317.5341605	558317.5	4160591	WRKR_25	6.63	7.14	2.13	2.31	WORKER
558327.5341605	558327.5	4160581	WRKR_26	5.31	5.63	2.29	2.46	WORKER
558327.5341605	558327.5	4160591	WRKR_27	6.36	6.81	2.54	2.81	WORKER
558337.5341605	558337.5	4160581	WRKR_28	5.04	5.35	2.60	2.83	WORKER
558101.0541605	558101.1	4160547	WRKR_29	2.85	2.87	0.34	0.34	WORKER
558101.0541605	558101.1	4160557	WRKR_30	3.11	3.14	0.34	0.34	WORKER
558111.0541605	558111.1	4160547	WRKR_31	3.03	3.06	0.35	0.36	WORKER
558111.0541605	558111.1	4160557	WRKR_32	3.32	3.36	0.35	0.36	WORKER
558111.0541605	558111.1	4160567	WRKR_33	3.65	3.71	0.36	0.36	WORKER
558121.0541605	558121.1	4160537	WRKR_34	2.93	2.95	0.37	0.37	WORKER
558121.0541605	558121.1	4160547	WRKR_35	3.21	3.25	0.37	0.37	WORKER
558121.0541605	558121.1	4160557	WRKR_36	3.54	3.59	0.37	0.38	WORKER
558121.0541605	558121.1	4160567	WRKR_37	3.91	3.98	0.37	0.38	WORKER
558121.0541605	558121.1	4160577	WRKR_38	4.34	4.46	0.37	0.38	WORKER
558121.0541605	558121.1	4160587	WRKR_39	4.82	5.03	0.37	0.38	WORKER
558131.0541605	558131.1	4160527	WRKR_40	2.79	2.82	0.38	0.38	WORKER
558131.0541605	558131.1	4160537	WRKR_41	3.08	3.11	0.38	0.39	WORKER
558131.0541605	558131.1	4160547	WRKR_42	3.39	3.44	0.39	0.39	WORKER
558131.0541605	558131.1	4160557	WRKR_43	3.76	3.83	0.39	0.39	WORKER
558131.0541605	558131.1	4160567	WRKR_44	4.17	4.28	0.39	0.40	WORKER
558131.0541605	558131.1	4160577	WRKR_45	4.66	4.83	0.39	0.40	WORKER
558131.0541605	558131.1	4160587	WRKR_46	5.21	5.49	0.39	0.40	WORKER
558131.0541605	558131.1	4160597	WRKR_47	5.85	6.30	0.39	0.40	WORKER
558141.0541605	558141.1	4160527	WRKR_48	2.91	2.94	0.40	0.40	WORKER
558141.0541605	558141.1	4160537	WRKR_49	3.22	3.26	0.40	0.41	WORKER
558141.0541605	558141.1	4160547	WRKR_50	3.57	3.64	0.41	0.41	WORKER
558141.0541605	558141.1	4160557	WRKR_51	3.97	4.08	0.41	0.41	WORKER
558141.0541605	558141.1	4160567	WRKR_52	4.45	4.60	0.41	0.42	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558141.0541605	558141.1	4160577	WRKR_53	4.99	5.23	0.41	0.42	WORKER
558141.0541605	558141.1	4160587	WRKR_54	5.62	6.00	0.42	0.42	WORKER
558141.0541605	558141.1	4160597	WRKR_55	6.34	6.96	0.42	0.42	WORKER
558141.0541606	558141.1	4160607	WRKR_56	7.16	8.18	0.42	0.42	WORKER
558151.0541605	558151.1	4160537	WRKR_57	3.35	3.41	0.43	0.43	WORKER
558151.0541605	558151.1	4160547	WRKR_58	3.74	3.83	0.43	0.43	WORKER
558151.0541605	558151.1	4160557	WRKR_59	4.19	4.33	0.43	0.44	WORKER
558151.0541605	558151.1	4160567	WRKR_60	4.72	4.93	0.43	0.44	WORKER
558151.0541605	558151.1	4160577	WRKR_61	5.34	5.66	0.44	0.44	WORKER
558151.0541605	558151.1	4160587	WRKR_62	6.05	6.57	0.44	0.44	WORKER
558151.0541605	558151.1	4160597	WRKR_63	6.93	7.72	0.44	0.44	WORKER
558151.0541606	558151.1	4160607	WRKR_64	7.94	9.19	0.44	0.44	WORKER
558151.0541606	558151.1	4160617	WRKR_65	9.07	11.15	0.44	0.44	WORKER
558161.0541605	558161.1	4160547	WRKR_66	3.93	4.01	0.45	0.46	WORKER
558161.0541605	558161.1	4160557	WRKR_67	4.40	4.59	0.46	0.46	WORKER
558161.0541605	558161.1	4160567	WRKR_68	5.00	5.29	0.46	0.46	WORKER
558161.0541605	558161.1	4160577	WRKR_69	5.69	6.14	0.46	0.47	WORKER
558161.0541605	558161.1	4160587	WRKR_70	6.50	7.23	0.46	0.47	WORKER
558161.0541605	558161.1	4160597	WRKR_71	7.60	8.59	0.46	0.47	WORKER
558161.0541606	558161.1	4160607	WRKR_72	8.69	10.38	0.46	0.47	WORKER
558171.0541605	558171.1	4160557	WRKR_73	4.65	4.82	0.48	0.49	WORKER
558171.0541605	558171.1	4160567	WRKR_74	5.26	5.65	0.49	0.49	WORKER
558171.0541605	558171.1	4160577	WRKR_75	6.03	6.67	0.49	0.49	WORKER
558171.0541605	558171.1	4160587	WRKR_76	6.94	7.98	0.49	0.50	WORKER
558171.0541605	558171.1	4160597	WRKR_77	8.21	9.65	0.49	0.50	WORKER
558181.0541605	558181.1	4160567	WRKR_78	5.56	5.99	0.52	0.52	WORKER
558181.0541605	558181.1	4160577	WRKR_79	6.37	7.22	0.52	0.52	WORKER
558181.0541605	558181.1	4160587	WRKR_80	7.41	8.84	0.52	0.53	WORKER
558191.0541605	558191.1	4160577	WRKR_81	6.65	7.56	0.55	0.55	WORKER
558368.5441605	558368.5	4160582	WRKR_82	4.44	4.66	3.62	4.07	WORKER
558378.5441605	558378.5	4160582	WRKR_83	4.20	4.39	3.81	4.31	WORKER
558378.5441605	558378.5	4160592	WRKR_84	4.76	5.07	4.64	5.51	WORKER
558378.5441606	558378.5	4160602	WRKR_85	5.36	5.86	5.68	7.25	WORKER
558378.5441606	558378.5	4160612	WRKR_86	6.25	7.03	7.61	6.95	WORKER
558388.5441605	558388.5	4160582	WRKR_87	3.93	4.10	4.00	4.53	WORKER
558388.5441605	558388.5	4160592	WRKR_88	4.42	4.68	4.91	5.83	WORKER
558388.5441606	558388.5	4160602	WRKR_89	4.94	5.38	6.05	7.70	WORKER
558388.5441606	558388.5	4160612	WRKR_90	5.74	6.42	5.37	7.05	WORKER
558398.5441605	558398.5	4160582	WRKR_91	3.63	3.79	4.22	4.74	WORKER
558398.5441605	558398.5	4160592	WRKR_92	4.06	4.31	5.07	6.01	WORKER
558398.5441606	558398.5	4160602	WRKR_93	4.57	4.95	6.39	8.11	WORKER
558398.5441606	558398.5	4160612	WRKR_94	5.26	5.83	5.96	7.77	WORKER
557976.0941604	557976.1	4160490	HLTN_1	0.88	0.89	0.20	0.20	RESIDENT
557976.0941605	557976.1	4160500	HLTN_2	0.91	0.91	0.20	0.20	RESIDENT
557976.0941605	557976.1	4160510	HLTN_3	0.95	0.95	0.20	0.20	RESIDENT
557976.0941605	557976.1	4160520	HLTN_4	0.99	0.98	0.21	0.21	RESIDENT
557976.0941605	557976.1	4160530	HLTN_5	1.03	1.01	0.21	0.21	RESIDENT
557986.0941604	557986.1	4160480	HLTN_6	0.91	0.92	0.21	0.21	RESIDENT
557986.0941604	557986.1	4160490	HLTN_7	0.96	0.96	0.21	0.21	RESIDENT
557986.0941605	557986.1	4160500	HLTN_8	0.99	1.00	0.21	0.21	RESIDENT
557986.0941605	557986.1	4160510	HLTN_9	1.03	1.03	0.21	0.21	RESIDENT
557986.0941605	557986.1	4160520	HLTN_10	1.07	1.06	0.21	0.21	RESIDENT

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
557986.0941605	557986.1	4160530	HLTN_11	1.10	1.10	0.21	0.21	RESIDENT
557996.0941604	557996.1	4160480	HLTN_12	0.98	0.99	0.22	0.21	RESIDENT
557996.0941604	557996.1	4160490	HLTN_13	1.02	1.03	0.22	0.22	RESIDENT
557996.0941605	557996.1	4160500	HLTN_14	1.06	1.07	0.22	0.22	RESIDENT
557996.0941605	557996.1	4160510	HLTN_15	1.10	1.11	0.22	0.22	RESIDENT
557996.0941605	557996.1	4160520	HLTN_16	1.15	1.14	0.22	0.22	RESIDENT
557996.0941605	557996.1	4160530	HLTN_17	1.19	1.18	0.22	0.22	RESIDENT
557996.0941605	557996.1	4160540	HLTN_18	1.24	1.22	0.22	0.22	RESIDENT
557996.0941605	557996.1	4160550	HLTN_19	1.28	1.27	0.22	0.22	RESIDENT
557996.0941605	557996.1	4160560	HLTN_20	1.33	1.31	0.22	0.23	RESIDENT
557996.0941605	557996.1	4160570	HLTN_21	1.38	1.35	0.22	0.23	RESIDENT
558006.0941604	558006.1	4160480	HLTN_22	1.04	1.06	0.22	0.22	RESIDENT
558006.0941604	558006.1	4160490	HLTN_23	1.09	1.10	0.22	0.22	RESIDENT
558006.0941605	558006.1	4160500	HLTN_24	1.13	1.14	0.23	0.22	RESIDENT
558006.0941605	558006.1	4160510	HLTN_25	1.18	1.19	0.23	0.23	RESIDENT
558006.0941605	558006.1	4160520	HLTN_26	1.23	1.23	0.23	0.23	RESIDENT
558006.0941605	558006.1	4160530	HLTN_27	1.29	1.28	0.23	0.23	RESIDENT
558006.0941605	558006.1	4160540	HLTN_28	1.34	1.33	0.23	0.23	RESIDENT
558006.0941605	558006.1	4160550	HLTN_29	1.40	1.38	0.23	0.23	RESIDENT
558006.0941605	558006.1	4160560	HLTN_30	1.45	1.43	0.23	0.23	RESIDENT
558006.0941605	558006.1	4160570	HLTN_31	1.51	1.48	0.23	0.23	RESIDENT
558016.0941604	558016.1	4160480	HLTN_32	1.11	1.12	0.23	0.23	RESIDENT
558016.0941604	558016.1	4160490	HLTN_33	1.16	1.17	0.23	0.23	RESIDENT
558016.0941605	558016.1	4160500	HLTN_34	1.21	1.22	0.23	0.23	RESIDENT
558016.0941605	558016.1	4160510	HLTN_35	1.27	1.27	0.23	0.23	RESIDENT
558016.0941605	558016.1	4160520	HLTN_36	1.33	1.32	0.24	0.24	RESIDENT
558016.0941605	558016.1	4160530	HLTN_37	1.39	1.38	0.24	0.24	RESIDENT
558016.0941605	558016.1	4160540	HLTN_38	1.45	1.44	0.24	0.24	RESIDENT
558016.0941605	558016.1	4160550	HLTN_39	1.52	1.50	0.24	0.24	RESIDENT
558016.0941605	558016.1	4160560	HLTN_40	1.58	1.56	0.24	0.24	RESIDENT
558016.0941605	558016.1	4160570	HLTN_41	1.65	1.63	0.24	0.24	RESIDENT
558026.0941604	558026.1	4160480	HLTN_42	1.17	1.19	0.24	0.24	RESIDENT
558026.0941604	558026.1	4160490	HLTN_43	1.23	1.25	0.24	0.24	RESIDENT
558026.0941605	558026.1	4160500	HLTN_44	1.29	1.30	0.24	0.24	RESIDENT
558026.0941605	558026.1	4160510	HLTN_45	1.36	1.36	0.24	0.24	RESIDENT
558026.0941605	558026.1	4160520	HLTN_46	1.43	1.42	0.24	0.24	RESIDENT
558026.0941605	558026.1	4160530	HLTN_47	1.50	1.49	0.25	0.25	RESIDENT
558026.0941605	558026.1	4160540	HLTN_48	1.57	1.56	0.25	0.25	RESIDENT
558026.0941605	558026.1	4160550	HLTN_49	1.65	1.63	0.25	0.25	RESIDENT
558026.0941605	558026.1	4160560	HLTN_50	1.73	1.71	0.25	0.25	RESIDENT
558026.0941605	558026.1	4160570	HLTN_51	1.81	1.79	0.25	0.25	RESIDENT
558036.0941604	558036.1	4160480	HLTN_52	1.24	1.26	0.25	0.25	RESIDENT
558036.0941604	558036.1	4160490	HLTN_53	1.31	1.32	0.25	0.25	RESIDENT
558036.0941605	558036.1	4160500	HLTN_54	1.37	1.38	0.25	0.25	RESIDENT
558036.0941605	558036.1	4160510	HLTN_55	1.42	1.43	0.25	0.25	RESIDENT
558036.0941605	558036.1	4160520	HLTN_56	1.51	1.51	0.25	0.25	RESIDENT
558036.0941605	558036.1	4160530	HLTN_57	1.61	1.61	0.26	0.26	RESIDENT
558036.0941605	558036.1	4160540	HLTN_58	1.70	1.69	0.26	0.26	RESIDENT
558036.0941605	558036.1	4160550	HLTN_59	1.79	1.78	0.26	0.26	RESIDENT
558036.0941605	558036.1	4160560	HLTN_60	1.89	1.87	0.26	0.26	RESIDENT
558046.0941604	558046.1	4160480	HLTN_61	1.28	1.30	0.25	0.25	RESIDENT
558046.0941604	558046.1	4160490	HLTN_62	1.35	1.37	0.26	0.26	RESIDENT

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558046.0941605	558046.1	4160500	HLTN_63	1.42	1.44	0.26	0.26	RESIDENT
558046.0941605	558046.1	4160510	HLTN_64	1.50	1.51	0.26	0.26	RESIDENT
558046.0941605	558046.1	4160520	HLTN_65	1.61	1.61	0.26	0.26	RESIDENT
558046.0941605	558046.1	4160530	HLTN_66	1.74	1.73	0.27	0.27	RESIDENT
558046.0941605	558046.1	4160540	HLTN_67	1.84	1.83	0.27	0.27	RESIDENT
558046.0941605	558046.1	4160550	HLTN_68	1.95	1.94	0.27	0.27	RESIDENT
558056.0941604	558056.1	4160480	HLTN_69	1.34	1.37	0.26	0.26	RESIDENT
558056.0941604	558056.1	4160490	HLTN_70	1.42	1.44	0.27	0.26	RESIDENT
558056.0941605	558056.1	4160500	HLTN_71	1.49	1.51	0.27	0.27	RESIDENT
558056.0941605	558056.1	4160510	HLTN_72	1.58	1.60	0.27	0.27	RESIDENT
558056.0941605	558056.1	4160520	HLTN_73	1.72	1.73	0.27	0.27	RESIDENT
558056.0941605	558056.1	4160530	HLTN_74	1.87	1.86	0.28	0.28	RESIDENT
558056.0941605	558056.1	4160540	HLTN_75	1.98	1.98	0.28	0.28	RESIDENT
558066.0941604	558066.1	4160480	HLTN_76	1.46	1.48	0.28	0.28	RESIDENT
558066.0941604	558066.1	4160490	HLTN_77	1.54	1.56	0.28	0.28	RESIDENT
558066.0941605	558066.1	4160500	HLTN_78	1.59	1.61	0.28	0.28	RESIDENT
558066.0941605	558066.1	4160510	HLTN_79	1.73	1.74	0.28	0.28	RESIDENT
558066.0941605	558066.1	4160520	HLTN_80	1.87	1.88	0.29	0.29	RESIDENT
558066.0941605	558066.1	4160530	HLTN_81	2.00	2.01	0.29	0.29	RESIDENT
558076.0941604	558076.1	4160480	HLTN_82	1.53	1.55	0.29	0.29	RESIDENT
558076.0941604	558076.1	4160490	HLTN_83	1.63	1.65	0.29	0.29	RESIDENT
558076.0941605	558076.1	4160500	HLTN_84	1.68	1.70	0.29	0.29	RESIDENT
558076.0941605	558076.1	4160510	HLTN_85	1.86	1.87	0.29	0.29	RESIDENT
558076.0941605	558076.1	4160520	HLTN_86	1.99	2.01	0.30	0.30	RESIDENT
558086.0941604	558086.1	4160490	HLTN_87	1.69	1.71	0.30	0.30	RESIDENT
558086.0941605	558086.1	4160500	HLTN_88	1.79	1.81	0.30	0.30	RESIDENT
558086.0941605	558086.1	4160510	HLTN_89	1.96	1.98	0.31	0.31	RESIDENT
558096.0941604	558096.1	4160490	HLTN_90	1.76	1.78	0.31	0.31	RESIDENT
558096.0941605	558096.1	4160500	HLTN_91	1.92	1.93	0.32	0.32	RESIDENT
558186.7841604	558186.8	4160496	WRKR_95	2.22	2.23	0.49	0.49	WORKER
558186.7841605	558186.8	4160506	WRKR_96	2.44	2.45	0.49	0.49	WORKER
558196.7841604	558196.8	4160496	WRKR_97	2.23	2.22	0.52	0.52	WORKER
558196.7841605	558196.8	4160506	WRKR_98	2.44	2.44	0.52	0.53	WORKER
558196.7841605	558196.8	4160516	WRKR_99	2.71	2.72	0.53	0.53	WORKER
558196.7841605	558196.8	4160526	WRKR_100	3.07	3.10	0.54	0.54	WORKER
558206.7841605	558206.8	4160506	WRKR_101	2.43	2.42	0.56	0.56	WORKER
558206.7841605	558206.8	4160516	WRKR_102	2.71	2.71	0.57	0.57	WORKER
558206.7841605	558206.8	4160526	WRKR_103	3.04	3.05	0.57	0.58	WORKER
558206.7841605	558206.8	4160536	WRKR_104	3.47	3.52	0.58	0.58	WORKER
558216.7841605	558216.8	4160516	WRKR_105	2.69	2.67	0.61	0.61	WORKER
558216.7841605	558216.8	4160526	WRKR_106	3.01	3.00	0.62	0.62	WORKER
558216.7841605	558216.8	4160536	WRKR_107	3.40	3.42	0.62	0.63	WORKER
558216.7841605	558216.8	4160546	WRKR_108	3.90	3.97	0.63	0.63	WORKER
558226.7841605	558226.8	4160526	WRKR_109	2.97	2.94	0.66	0.66	WORKER
558226.7841605	558226.8	4160536	WRKR_110	3.36	3.35	0.67	0.67	WORKER
558226.7841605	558226.8	4160546	WRKR_111	3.85	3.88	0.68	0.68	WORKER
558236.7841605	558236.8	4160536	WRKR_112	3.27	3.25	0.72	0.73	WORKER
558115.1741604	558115.2	4160403	WRKR_113	1.03	1.05	0.31	0.32	WORKER
558115.1741604	558115.2	4160413	WRKR_114	1.10	1.12	0.32	0.32	WORKER
558115.1741604	558115.2	4160423	WRKR_115	1.17	1.20	0.32	0.32	WORKER
558115.1741604	558115.2	4160433	WRKR_116	1.26	1.28	0.32	0.32	WORKER
558115.1741604	558115.2	4160443	WRKR_117	1.35	1.37	0.33	0.33	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558125.1741603	558125.2	4160393	WRKR_118	0.97	1.00	0.32	0.33	WORKER
558125.1741604	558125.2	4160403	WRKR_119	1.04	1.06	0.33	0.33	WORKER
558125.1741604	558125.2	4160413	WRKR_120	1.11	1.13	0.33	0.33	WORKER
558125.1741604	558125.2	4160423	WRKR_121	1.19	1.21	0.33	0.34	WORKER
558125.1741604	558125.2	4160433	WRKR_122	1.28	1.30	0.34	0.34	WORKER
558125.1741604	558125.2	4160443	WRKR_123	1.37	1.39	0.34	0.34	WORKER
558135.1741603	558135.2	4160373	WRKR_124	0.86	0.88	0.33	0.33	WORKER
558135.1741603	558135.2	4160383	WRKR_125	0.92	0.94	0.33	0.34	WORKER
558135.1741603	558135.2	4160393	WRKR_126	0.98	1.00	0.34	0.34	WORKER
558135.1741604	558135.2	4160403	WRKR_127	1.05	1.06	0.34	0.34	WORKER
558135.1741604	558135.2	4160413	WRKR_128	1.12	1.14	0.35	0.35	WORKER
558135.1741604	558135.2	4160423	WRKR_129	1.20	1.22	0.35	0.35	WORKER
558135.1741604	558135.2	4160433	WRKR_130	1.29	1.31	0.35	0.35	WORKER
558135.1741604	558135.2	4160443	WRKR_131	1.39	1.41	0.36	0.36	WORKER
558145.1741603	558145.2	4160373	WRKR_132	0.86	0.88	0.34	0.35	WORKER
558145.1741603	558145.2	4160383	WRKR_133	0.92	0.93	0.35	0.35	WORKER
558145.1741603	558145.2	4160393	WRKR_134	0.98	1.00	0.35	0.35	WORKER
558145.1741604	558145.2	4160403	WRKR_135	1.05	1.06	0.36	0.36	WORKER
558145.1741604	558145.2	4160413	WRKR_136	1.13	1.14	0.36	0.36	WORKER
558145.1741604	558145.2	4160423	WRKR_137	1.21	1.22	0.37	0.37	WORKER
558145.1741604	558145.2	4160433	WRKR_138	1.30	1.32	0.37	0.37	WORKER
558145.1741604	558145.2	4160443	WRKR_139	1.40	1.42	0.37	0.37	WORKER
558155.1741603	558155.2	4160373	WRKR_140	0.86	0.87	0.36	0.36	WORKER
558155.1741603	558155.2	4160383	WRKR_141	0.92	0.93	0.36	0.36	WORKER
558155.1741603	558155.2	4160393	WRKR_142	0.98	0.99	0.37	0.37	WORKER
558155.1741604	558155.2	4160403	WRKR_143	1.05	1.06	0.37	0.37	WORKER
558155.1741604	558155.2	4160413	WRKR_144	1.13	1.14	0.38	0.38	WORKER
558155.1741604	558155.2	4160423	WRKR_145	1.21	1.22	0.38	0.38	WORKER
558155.1741604	558155.2	4160433	WRKR_146	1.31	1.32	0.39	0.39	WORKER
558155.1741604	558155.2	4160443	WRKR_147	1.41	1.42	0.39	0.39	WORKER
558165.1741603	558165.2	4160363	WRKR_148	0.80	0.81	0.37	0.37	WORKER
558165.1741603	558165.2	4160373	WRKR_149	0.85	0.86	0.37	0.38	WORKER
558165.1741603	558165.2	4160383	WRKR_150	0.91	0.92	0.38	0.38	WORKER
558165.1741603	558165.2	4160393	WRKR_151	0.97	0.98	0.38	0.39	WORKER
558165.1741604	558165.2	4160403	WRKR_152	1.04	1.05	0.39	0.39	WORKER
558165.1741604	558165.2	4160413	WRKR_153	1.12	1.13	0.39	0.40	WORKER
558165.1741604	558165.2	4160423	WRKR_154	1.21	1.22	0.40	0.40	WORKER
558165.1741604	558165.2	4160433	WRKR_155	1.30	1.31	0.41	0.41	WORKER
558175.1741603	558175.2	4160363	WRKR_156	0.79	0.79	0.38	0.39	WORKER
558175.1741603	558175.2	4160373	WRKR_157	0.84	0.85	0.39	0.39	WORKER
558175.1741603	558175.2	4160383	WRKR_158	0.90	0.91	0.39	0.40	WORKER
558175.1741603	558175.2	4160393	WRKR_159	0.96	0.97	0.40	0.40	WORKER
558175.1741604	558175.2	4160403	WRKR_160	1.03	1.04	0.41	0.41	WORKER
558175.1741604	558175.2	4160413	WRKR_161	1.11	1.12	0.41	0.42	WORKER
558175.1741604	558175.2	4160423	WRKR_162	1.20	1.21	0.42	0.42	WORKER
558185.1741603	558185.2	4160363	WRKR_163	0.78	0.78	0.40	0.40	WORKER
558185.1741603	558185.2	4160373	WRKR_164	0.83	0.83	0.41	0.41	WORKER
558185.1741603	558185.2	4160383	WRKR_165	0.89	0.89	0.41	0.42	WORKER
558185.1741603	558185.2	4160393	WRKR_166	0.95	0.96	0.42	0.42	WORKER
558185.1741604	558185.2	4160403	WRKR_167	1.02	1.03	0.43	0.43	WORKER
558185.1741604	558185.2	4160413	WRKR_168	1.10	1.10	0.43	0.44	WORKER
558185.1741604	558185.2	4160423	WRKR_169	1.19	1.19	0.44	0.44	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558185.1741604	558185.2	4160433	WRKR_170	1.28	1.29	0.45	0.45	WORKER
558185.1741604	558185.2	4160443	WRKR_171	1.39	1.40	0.45	0.46	WORKER
558195.1741603	558195.2	4160363	WRKR_172	0.77	0.76	0.42	0.42	WORKER
558195.1741603	558195.2	4160373	WRKR_173	0.82	0.82	0.42	0.43	WORKER
558195.1741603	558195.2	4160383	WRKR_174	0.87	0.87	0.43	0.43	WORKER
558195.1741603	558195.2	4160393	WRKR_175	0.94	0.94	0.44	0.44	WORKER
558195.1741604	558195.2	4160403	WRKR_176	1.01	1.01	0.45	0.45	WORKER
558195.1741604	558195.2	4160413	WRKR_177	1.08	1.08	0.45	0.46	WORKER
558195.1741604	558195.2	4160423	WRKR_178	1.17	1.17	0.46	0.46	WORKER
558195.1741604	558195.2	4160433	WRKR_179	1.26	1.26	0.47	0.47	WORKER
558195.1741604	558195.2	4160443	WRKR_180	1.37	1.37	0.48	0.48	WORKER
558195.1741604	558195.2	4160453	WRKR_181	1.48	1.49	0.48	0.49	WORKER
558205.1741603	558205.2	4160363	WRKR_182	0.75	0.75	0.43	0.44	WORKER
558205.1741603	558205.2	4160373	WRKR_183	0.80	0.80	0.44	0.45	WORKER
558205.1741603	558205.2	4160383	WRKR_184	0.86	0.85	0.45	0.45	WORKER
558205.1741603	558205.2	4160393	WRKR_185	0.92	0.92	0.46	0.46	WORKER
558205.1741604	558205.2	4160403	WRKR_186	0.99	0.98	0.47	0.47	WORKER
558205.1741604	558205.2	4160413	WRKR_187	1.06	1.06	0.48	0.48	WORKER
558205.1741604	558205.2	4160423	WRKR_188	1.15	1.14	0.49	0.49	WORKER
558205.1741604	558205.2	4160433	WRKR_189	1.24	1.24	0.49	0.50	WORKER
558205.1741604	558205.2	4160443	WRKR_190	1.34	1.34	0.50	0.51	WORKER
558205.1741604	558205.2	4160453	WRKR_191	1.46	1.46	0.51	0.51	WORKER
558205.1741604	558205.2	4160463	WRKR_192	1.59	1.60	0.52	0.52	WORKER
558215.1741603	558215.2	4160363	WRKR_193	0.73	0.73	0.45	0.46	WORKER
558215.1741603	558215.2	4160373	WRKR_194	0.78	0.78	0.46	0.47	WORKER
558215.1741603	558215.2	4160383	WRKR_195	0.84	0.83	0.47	0.48	WORKER
558215.1741603	558215.2	4160393	WRKR_196	0.90	0.89	0.48	0.49	WORKER
558215.1741604	558215.2	4160403	WRKR_197	0.97	0.96	0.49	0.49	WORKER
558215.1741604	558215.2	4160413	WRKR_198	1.04	1.03	0.50	0.50	WORKER
558215.1741604	558215.2	4160423	WRKR_199	1.12	1.12	0.51	0.51	WORKER
558215.1741604	558215.2	4160433	WRKR_200	1.21	1.21	0.52	0.52	WORKER
558215.1741604	558215.2	4160443	WRKR_201	1.31	1.31	0.53	0.53	WORKER
558215.1741604	558215.2	4160453	WRKR_202	1.43	1.43	0.54	0.54	WORKER
558215.1741604	558215.2	4160463	WRKR_203	1.55	1.56	0.55	0.55	WORKER
558215.1741604	558215.2	4160473	WRKR_204	1.70	1.71	0.56	0.56	WORKER
558225.1741603	558225.2	4160363	WRKR_205	0.72	0.71	0.47	0.48	WORKER
558225.1741603	558225.2	4160373	WRKR_206	0.77	0.76	0.48	0.49	WORKER
558225.1741603	558225.2	4160383	WRKR_207	0.82	0.81	0.49	0.50	WORKER
558225.1741603	558225.2	4160393	WRKR_208	0.88	0.87	0.50	0.51	WORKER
558225.1741604	558225.2	4160403	WRKR_209	0.94	0.93	0.51	0.52	WORKER
558225.1741604	558225.2	4160413	WRKR_210	1.01	1.01	0.53	0.53	WORKER
558225.1741604	558225.2	4160423	WRKR_211	1.09	1.09	0.54	0.54	WORKER
558225.1741604	558225.2	4160433	WRKR_212	1.18	1.17	0.55	0.55	WORKER
558225.1741604	558225.2	4160443	WRKR_213	1.28	1.27	0.56	0.56	WORKER
558225.1741604	558225.2	4160453	WRKR_214	1.39	1.39	0.57	0.58	WORKER
558225.1741604	558225.2	4160463	WRKR_215	1.52	1.51	0.58	0.59	WORKER
558225.1741604	558225.2	4160473	WRKR_216	1.66	1.66	0.59	0.60	WORKER
558225.1741604	558225.2	4160483	WRKR_217	1.82	1.83	0.60	0.61	WORKER
558235.1741603	558235.2	4160363	WRKR_218	0.70	0.69	0.49	0.50	WORKER
558235.1741603	558235.2	4160373	WRKR_219	0.75	0.74	0.50	0.51	WORKER
558235.1741603	558235.2	4160383	WRKR_220	0.80	0.79	0.52	0.52	WORKER
558235.1741603	558235.2	4160393	WRKR_221	0.86	0.84	0.53	0.53	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558235.1741604	558235.2	4160403	WRKR_22	0.92	0.91	0.54	0.54	WORKER
558235.174160	558235.2	4160413	WRKR_22	0.99	0.98	0.55	0.56	WORKER
558235.174160	558235.2	4160423	WRKR_22	1.07	1.05	0.56	0.57	WORKER
558235.174160	558235.2	4160433	WRKR_22	1.15	1.14	0.58	0.58	WORKER
558235.174160	558235.2	4160443	WRKR_22	1.25	1.24	0.59	0.60	WORKER
558235.174160	558235.2	4160453	WRKR_22	1.36	1.35	0.60	0.61	WORKER
558235.1741604	558235.2	4160463	WRKR_22	1.48	1.47	0.62	0.62	WORKER
558235.174160	558235.2	4160473	WRKR_22	1.62	1.61	0.63	0.64	WORKER
558235.174160	558235.2	4160483	WRKR_23	1.78	1.77	0.64	0.65	WORKER
558235.174160	558235.2	4160493	WRKR_23	1.96	1.96	0.65	0.66	WORKER
558245.1741603	558245.2	4160363	WRKR_23	0.68	0.67	0.52	0.52	WORKER
558245.174160	558245.2	4160373	WRKR_23	0.73	0.71	0.53	0.53	WORKER
558245.174160	558245.2	4160383	WRKR_23	0.78	0.76	0.54	0.55	WORKER
558245.174160	558245.2	4160393	WRKR_23	0.83	0.82	0.55	0.56	WORKER
558245.1741604	558245.2	4160403	WRKR_23	0.89	0.88	0.57	0.57	WORKER
558245.174160	558245.2	4160413	WRKR_23	0.96	0.95	0.58	0.59	WORKER
558245.174160	558245.2	4160423	WRKR_23	1.04	1.02	0.59	0.60	WORKER
558245.174160	558245.2	4160433	WRKR_23	1.12	1.11	0.61	0.61	WORKER
558245.174160	558245.2	4160443	WRKR_24	1.21	1.20	0.62	0.63	WORKER
558245.174160	558245.2	4160453	WRKR_24	1.32	1.30	0.64	0.64	WORKER
558245.1741604	558245.2	4160463	WRKR_24	1.44	1.42	0.65	0.66	WORKER
558245.174160	558245.2	4160473	WRKR_24	1.58	1.56	0.67	0.68	WORKER
558245.174160	558245.2	4160483	WRKR_24	1.73	1.71	0.68	0.69	WORKER
558245.174160	558245.2	4160493	WRKR_24	1.91	1.89	0.70	0.71	WORKER
558245.1741605	558245.2	4160503	WRKR_24	2.11	2.10	0.71	0.72	WORKER
558255.1741603	558255.2	4160363	WRKR_24	0.66	0.65	0.54	0.54	WORKER
558255.174160	558255.2	4160373	WRKR_24	0.71	0.69	0.55	0.56	WORKER
558255.174160	558255.2	4160383	WRKR_24	0.76	0.74	0.57	0.57	WORKER
558255.174160	558255.2	4160393	WRKR_25	0.81	0.79	0.58	0.58	WORKER
558255.1741604	558255.2	4160403	WRKR_25	0.87	0.85	0.59	0.60	WORKER
558255.174160	558255.2	4160413	WRKR_25	0.93	0.92	0.61	0.62	WORKER
558255.174160	558255.2	4160423	WRKR_25	1.01	0.99	0.62	0.63	WORKER
558255.174160	558255.2	4160433	WRKR_25	1.09	1.07	0.64	0.65	WORKER
558255.174160	558255.2	4160443	WRKR_25	1.18	1.16	0.66	0.66	WORKER
558255.174160	558255.2	4160453	WRKR_25	1.28	1.26	0.67	0.68	WORKER
558255.1741604	558255.2	4160463	WRKR_25	1.40	1.38	0.69	0.70	WORKER
558255.174160	558255.2	4160473	WRKR_25	1.53	1.51	0.71	0.72	WORKER
558255.174160	558255.2	4160483	WRKR_25	1.68	1.66	0.73	0.74	WORKER
558255.174160	558255.2	4160493	WRKR_26	1.86	1.83	0.75	0.76	WORKER
558255.1741605	558255.2	4160503	WRKR_26	2.05	2.04	0.76	0.77	WORKER
558255.174160	558255.2	4160513	WRKR_26	2.28	2.28	0.78	0.79	WORKER
558265.1741603	558265.2	4160363	WRKR_26	0.64	0.63	0.56	0.57	WORKER
558265.174160	558265.2	4160373	WRKR_26	0.69	0.67	0.58	0.58	WORKER
558265.174160	558265.2	4160383	WRKR_26	0.73	0.72	0.59	0.60	WORKER
558265.174160	558265.2	4160393	WRKR_26	0.78	0.77	0.61	0.61	WORKER
558265.1741604	558265.2	4160403	WRKR_26	0.84	0.83	0.62	0.63	WORKER
558265.174160	558265.2	4160413	WRKR_26	0.90	0.89	0.64	0.65	WORKER
558265.174160	558265.2	4160423	WRKR_26	0.98	0.96	0.66	0.66	WORKER
558265.174160	558265.2	4160433	WRKR_27	1.05	1.03	0.68	0.68	WORKER
558265.1741604	558265.2	4160443	WRKR_27	1.14	1.12	0.69	0.70	WORKER
558265.174160	558265.2	4160453	WRKR_27	1.24	1.22	0.71	0.72	WORKER
558265.1741604	558265.2	4160463	WRKR_27	1.35	1.33	0.73	0.74	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558265.1741604	558265.2	4160473	WRKR_274	1.48	1.46	0.75	0.76	WORKER
558265.1741604	558265.2	4160483	WRKR_275	1.63	1.60	0.78	0.79	WORKER
558265.1741604	558265.2	4160493	WRKR_276	1.80	1.77	0.80	0.81	WORKER
558265.1741605	558265.2	4160503	WRKR_277	2.01	1.97	0.82	0.83	WORKER
558265.1741605	558265.2	4160513	WRKR_278	2.23	2.21	0.84	0.85	WORKER
558265.1741605	558265.2	4160523	WRKR_279	2.50	2.49	0.86	0.88	WORKER
558275.1741603	558275.2	4160363	WRKR_280	0.62	0.61	0.59	0.59	WORKER
558275.1741603	558275.2	4160373	WRKR_281	0.67	0.65	0.60	0.61	WORKER
558275.1741603	558275.2	4160383	WRKR_282	0.71	0.70	0.62	0.62	WORKER
558275.1741603	558275.2	4160393	WRKR_283	0.76	0.74	0.64	0.64	WORKER
558275.1741604	558275.2	4160403	WRKR_284	0.82	0.80	0.65	0.66	WORKER
558275.1741604	558275.2	4160413	WRKR_285	0.88	0.86	0.67	0.68	WORKER
558275.1741604	558275.2	4160423	WRKR_286	0.94	0.92	0.69	0.70	WORKER
558275.1741604	558275.2	4160433	WRKR_287	1.02	1.00	0.71	0.72	WORKER
558275.1741604	558275.2	4160443	WRKR_288	1.11	1.08	0.73	0.74	WORKER
558275.1741604	558275.2	4160453	WRKR_289	1.20	1.18	0.75	0.76	WORKER
558275.1741604	558275.2	4160463	WRKR_290	1.31	1.28	0.78	0.79	WORKER
558275.1741604	558275.2	4160473	WRKR_291	1.44	1.41	0.80	0.81	WORKER
558275.1741604	558275.2	4160483	WRKR_292	1.58	1.55	0.83	0.84	WORKER
558275.1741604	558275.2	4160493	WRKR_293	1.75	1.71	0.85	0.87	WORKER
558275.1741605	558275.2	4160503	WRKR_294	1.95	1.91	0.88	0.89	WORKER
558275.1741605	558275.2	4160513	WRKR_295	2.19	2.14	0.91	0.92	WORKER
558275.1741605	558275.2	4160523	WRKR_296	2.47	2.43	0.94	0.95	WORKER
558275.1741605	558275.2	4160533	WRKR_297	2.80	2.79	0.97	0.98	WORKER
558285.1741603	558285.2	4160363	WRKR_298	0.60	0.59	0.61	0.62	WORKER
558285.1741603	558285.2	4160373	WRKR_299	0.64	0.63	0.63	0.63	WORKER
558285.1741603	558285.2	4160383	WRKR_300	0.69	0.67	0.65	0.65	WORKER
558285.1741603	558285.2	4160393	WRKR_301	0.74	0.72	0.66	0.67	WORKER
558285.1741604	558285.2	4160403	WRKR_302	0.79	0.77	0.68	0.69	WORKER
558285.1741604	558285.2	4160413	WRKR_303	0.85	0.83	0.71	0.71	WORKER
558285.1741604	558285.2	4160423	WRKR_304	0.91	0.89	0.73	0.74	WORKER
558285.1741604	558285.2	4160433	WRKR_305	0.99	0.96	0.75	0.76	WORKER
558285.1741604	558285.2	4160443	WRKR_306	1.07	1.04	0.77	0.78	WORKER
558285.1741604	558285.2	4160453	WRKR_307	1.17	1.13	0.80	0.81	WORKER
558285.1741604	558285.2	4160463	WRKR_308	1.27	1.24	0.82	0.84	WORKER
558285.1741604	558285.2	4160473	WRKR_309	1.40	1.36	0.85	0.86	WORKER
558285.1741604	558285.2	4160483	WRKR_310	1.54	1.50	0.88	0.89	WORKER
558285.1741604	558285.2	4160493	WRKR_311	1.70	1.66	0.91	0.93	WORKER
558285.1741605	558285.2	4160503	WRKR_312	1.90	1.85	0.95	0.96	WORKER
558285.1741605	558285.2	4160513	WRKR_313	2.14	2.09	0.98	1.00	WORKER
558285.1741605	558285.2	4160523	WRKR_314	2.43	2.38	1.02	1.03	WORKER
558285.1741605	558285.2	4160533	WRKR_315	2.76	2.74	1.05	1.07	WORKER
558295.1741603	558295.2	4160363	WRKR_316	0.58	0.57	0.64	0.64	WORKER
558295.1741603	558295.2	4160373	WRKR_317	0.62	0.61	0.66	0.66	WORKER
558295.1741603	558295.2	4160383	WRKR_318	0.67	0.65	0.67	0.68	WORKER
558295.1741603	558295.2	4160393	WRKR_319	0.71	0.69	0.70	0.70	WORKER
558295.1741604	558295.2	4160403	WRKR_320	0.76	0.74	0.72	0.72	WORKER
558295.1741604	558295.2	4160413	WRKR_321	0.82	0.80	0.74	0.75	WORKER
558295.1741604	558295.2	4160423	WRKR_322	0.88	0.86	0.76	0.77	WORKER
558295.1741604	558295.2	4160433	WRKR_323	0.96	0.93	0.79	0.80	WORKER
558295.1741604	558295.2	4160443	WRKR_324	1.04	1.01	0.82	0.83	WORKER
558295.1741604	558295.2	4160453	WRKR_325	1.13	1.09	0.84	0.86	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558295.1741604	558295.2	4160463	WRKR_326	1.24	1.19	0.87	0.89	WORKER
558295.1741604	558295.2	4160473	WRKR_327	1.36	1.31	0.91	0.92	WORKER
558295.1741604	558295.2	4160483	WRKR_328	1.50	1.45	0.94	0.95	WORKER
558295.1741604	558295.2	4160493	WRKR_329	1.66	1.61	0.97	0.99	WORKER
558295.1741605	558295.2	4160503	WRKR_330	1.86	1.80	1.01	1.03	WORKER
558295.1741605	558295.2	4160513	WRKR_331	2.10	2.04	1.06	1.08	WORKER
558295.1741605	558295.2	4160523	WRKR_332	2.38	2.33	1.10	1.12	WORKER
558295.1741605	558295.2	4160533	WRKR_333	2.72	2.70	1.15	1.17	WORKER
558305.1741603	558305.2	4160363	WRKR_334	0.57	0.55	0.66	0.67	WORKER
558305.1741603	558305.2	4160373	WRKR_335	0.60	0.59	0.68	0.69	WORKER
558305.1741603	558305.2	4160383	WRKR_336	0.64	0.62	0.70	0.71	WORKER
558305.1741603	558305.2	4160393	WRKR_337	0.69	0.67	0.73	0.73	WORKER
558305.1741604	558305.2	4160403	WRKR_338	0.74	0.71	0.75	0.76	WORKER
558305.1741604	558305.2	4160413	WRKR_339	0.79	0.77	0.77	0.78	WORKER
558305.1741604	558305.2	4160423	WRKR_340	0.86	0.83	0.80	0.81	WORKER
558305.1741604	558305.2	4160433	WRKR_341	0.93	0.89	0.83	0.84	WORKER
558305.1741604	558305.2	4160443	WRKR_342	1.01	0.97	0.86	0.87	WORKER
558305.1741604	558305.2	4160453	WRKR_343	1.10	1.05	0.89	0.90	WORKER
558305.1741604	558305.2	4160463	WRKR_344	1.20	1.15	0.92	0.94	WORKER
558305.1741604	558305.2	4160473	WRKR_345	1.32	1.27	0.96	0.97	WORKER
558305.1741604	558305.2	4160483	WRKR_346	1.46	1.40	1.00	1.02	WORKER
558305.1741604	558305.2	4160493	WRKR_347	1.62	1.56	1.04	1.06	WORKER
558305.1741605	558305.2	4160503	WRKR_348	1.82	1.75	1.09	1.11	WORKER
558305.1741605	558305.2	4160513	WRKR_349	2.05	1.99	1.14	1.16	WORKER
558305.1741605	558305.2	4160523	WRKR_350	2.34	2.29	1.19	1.22	WORKER
558305.1741605	558305.2	4160533	WRKR_351	2.68	2.66	1.25	1.28	WORKER
558315.1741603	558315.2	4160363	WRKR_352	0.55	0.53	0.69	0.70	WORKER
558315.1741603	558315.2	4160373	WRKR_353	0.58	0.56	0.71	0.72	WORKER
558315.1741603	558315.2	4160383	WRKR_354	0.62	0.60	0.73	0.74	WORKER
558315.1741603	558315.2	4160393	WRKR_355	0.66	0.64	0.76	0.77	WORKER
558315.1741604	558315.2	4160403	WRKR_356	0.71	0.69	0.78	0.79	WORKER
558315.1741604	558315.2	4160413	WRKR_357	0.77	0.74	0.81	0.82	WORKER
558315.1741604	558315.2	4160423	WRKR_358	0.83	0.79	0.84	0.85	WORKER
558315.1741604	558315.2	4160433	WRKR_359	0.90	0.86	0.87	0.88	WORKER
558315.1741604	558315.2	4160443	WRKR_360	0.97	0.93	0.90	0.91	WORKER
558315.1741604	558315.2	4160453	WRKR_361	1.06	1.01	0.94	0.95	WORKER
558315.1741604	558315.2	4160463	WRKR_362	1.16	1.11	0.98	0.99	WORKER
558315.1741604	558315.2	4160473	WRKR_363	1.28	1.22	1.02	1.03	WORKER
558315.1741604	558315.2	4160483	WRKR_364	1.42	1.36	1.06	1.08	WORKER
558315.1741604	558315.2	4160493	WRKR_365	1.58	1.51	1.11	1.13	WORKER
558315.1741605	558315.2	4160503	WRKR_366	1.78	1.71	1.16	1.19	WORKER
558315.1741605	558315.2	4160513	WRKR_367	2.01	1.95	1.22	1.25	WORKER
558315.1741605	558315.2	4160523	WRKR_368	2.30	2.24	1.29	1.32	WORKER
558315.1741605	558315.2	4160533	WRKR_369	2.63	2.61	1.36	1.40	WORKER
558325.1741603	558325.2	4160363	WRKR_370	0.53	0.51	0.72	0.73	WORKER
558325.1741603	558325.2	4160373	WRKR_371	0.56	0.54	0.74	0.75	WORKER
558325.1741603	558325.2	4160383	WRKR_372	0.60	0.58	0.76	0.77	WORKER
558325.1741603	558325.2	4160393	WRKR_373	0.64	0.61	0.79	0.80	WORKER
558325.1741604	558325.2	4160403	WRKR_374	0.69	0.66	0.82	0.83	WORKER
558325.1741604	558325.2	4160413	WRKR_375	0.74	0.71	0.85	0.86	WORKER
558325.1741604	558325.2	4160423	WRKR_376	0.80	0.76	0.88	0.89	WORKER
558325.1741604	558325.2	4160433	WRKR_377	0.87	0.82	0.91	0.92	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558325.1741604	558325.2	4160443	WRKR_378	0.94	0.89	0.95	0.96	WORKER
558325.1741604	558325.2	4160453	WRKR_379	1.03	0.98	0.99	1.00	WORKER
558325.1741604	558325.2	4160463	WRKR_380	1.13	1.07	1.03	1.04	WORKER
558325.1741604	558325.2	4160473	WRKR_381	1.25	1.18	1.07	1.09	WORKER
558325.1741604	558325.2	4160483	WRKR_382	1.38	1.31	1.12	1.14	WORKER
558325.1741604	558325.2	4160493	WRKR_383	1.55	1.47	1.18	1.20	WORKER
558325.1741605	558325.2	4160503	WRKR_384	1.74	1.67	1.24	1.27	WORKER
558325.1741605	558325.2	4160513	WRKR_385	1.98	1.90	1.31	1.34	WORKER
558325.1741605	558325.2	4160523	WRKR_386	2.26	2.20	1.39	1.43	WORKER
558325.1741605	558325.2	4160533	WRKR_387	2.58	2.57	1.48	1.52	WORKER
558335.1741603	558335.2	4160363	WRKR_388	0.51	0.49	0.75	0.75	WORKER
558335.1741603	558335.2	4160373	WRKR_389	0.54	0.52	0.77	0.78	WORKER
558335.1741603	558335.2	4160383	WRKR_390	0.58	0.55	0.80	0.80	WORKER
558335.1741603	558335.2	4160393	WRKR_391	0.62	0.59	0.82	0.83	WORKER
558335.1741604	558335.2	4160403	WRKR_392	0.66	0.63	0.85	0.86	WORKER
558335.1741604	558335.2	4160413	WRKR_393	0.72	0.68	0.88	0.89	WORKER
558335.1741604	558335.2	4160423	WRKR_394	0.77	0.73	0.92	0.93	WORKER
558335.1741604	558335.2	4160433	WRKR_395	0.84	0.79	0.95	0.96	WORKER
558335.1741604	558335.2	4160443	WRKR_396	0.91	0.86	0.99	1.00	WORKER
558335.1741604	558335.2	4160453	WRKR_397	1.00	0.94	1.03	1.05	WORKER
558335.1741604	558335.2	4160463	WRKR_398	1.10	1.03	1.08	1.09	WORKER
558335.1741604	558335.2	4160473	WRKR_399	1.21	1.14	1.13	1.15	WORKER
558335.1741604	558335.2	4160483	WRKR_400	1.35	1.27	1.18	1.20	WORKER
558335.1741604	558335.2	4160493	WRKR_401	1.51	1.43	1.25	1.27	WORKER
558335.1741605	558335.2	4160503	WRKR_402	1.70	1.62	1.32	1.35	WORKER
558335.1741605	558335.2	4160513	WRKR_403	1.93	1.86	1.40	1.43	WORKER
558335.1741605	558335.2	4160523	WRKR_404	2.21	2.16	1.49	1.53	WORKER
558335.1741605	558335.2	4160533	WRKR_405	2.52	2.51	1.59	1.65	WORKER
558345.1741603	558345.2	4160363	WRKR_406	0.49	0.47	0.78	0.78	WORKER
558345.1741603	558345.2	4160373	WRKR_407	0.52	0.50	0.80	0.81	WORKER
558345.1741603	558345.2	4160383	WRKR_408	0.56	0.53	0.83	0.84	WORKER
558345.1741603	558345.2	4160393	WRKR_409	0.60	0.56	0.86	0.87	WORKER
558345.1741604	558345.2	4160403	WRKR_410	0.64	0.60	0.89	0.90	WORKER
558345.1741604	558345.2	4160413	WRKR_411	0.69	0.65	0.92	0.93	WORKER
558345.1741604	558345.2	4160423	WRKR_412	0.75	0.70	0.96	0.97	WORKER
558345.1741604	558345.2	4160433	WRKR_413	0.81	0.76	0.99	1.01	WORKER
558345.1741604	558345.2	4160443	WRKR_414	0.88	0.82	1.03	1.04	WORKER
558345.1741604	558345.2	4160453	WRKR_415	0.97	0.90	1.08	1.09	WORKER
558345.1741604	558345.2	4160463	WRKR_416	1.07	1.00	1.13	1.15	WORKER
558345.1741604	558345.2	4160473	WRKR_417	1.18	1.10	1.18	1.20	WORKER
558345.1741604	558345.2	4160483	WRKR_418	1.31	1.24	1.25	1.27	WORKER
558345.1741604	558345.2	4160493	WRKR_419	1.47	1.39	1.31	1.34	WORKER
558345.1741605	558345.2	4160503	WRKR_420	1.66	1.58	1.39	1.42	WORKER
558345.1741605	558345.2	4160513	WRKR_421	1.89	1.82	1.48	1.52	WORKER
558345.1741605	558345.2	4160523	WRKR_422	2.15	2.11	1.59	1.63	WORKER
558345.1741605	558345.2	4160533	WRKR_423	2.46	2.45	1.71	1.77	WORKER
558355.1741603	558355.2	4160363	WRKR_424	0.48	0.45	0.81	0.81	WORKER
558355.1741603	558355.2	4160373	WRKR_425	0.51	0.48	0.83	0.84	WORKER
558355.1741603	558355.2	4160383	WRKR_426	0.54	0.51	0.86	0.87	WORKER
558355.1741603	558355.2	4160393	WRKR_427	0.58	0.54	0.90	0.90	WORKER
558355.1741604	558355.2	4160403	WRKR_428	0.62	0.58	0.93	0.94	WORKER
558355.1741604	558355.2	4160413	WRKR_429	0.67	0.62	0.96	0.97	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558355.1741604	558355.2	4160423	WRKR_430	0.72	0.67	1.00	1.01	WORKER
558355.1741604	558355.2	4160433	WRKR_431	0.79	0.73	1.04	1.05	WORKER
558355.1741604	558355.2	4160443	WRKR_432	0.86	0.79	1.08	1.09	WORKER
558355.1741604	558355.2	4160453	WRKR_433	0.94	0.87	1.13	1.14	WORKER
558355.1741604	558355.2	4160463	WRKR_434	1.04	0.96	1.18	1.20	WORKER
558355.1741604	558355.2	4160473	WRKR_435	1.15	1.07	1.24	1.26	WORKER
558355.1741604	558355.2	4160483	WRKR_436	1.28	1.20	1.30	1.33	WORKER
558355.1741604	558355.2	4160493	WRKR_437	1.44	1.36	1.38	1.40	WORKER
558355.1741605	558355.2	4160503	WRKR_438	1.62	1.55	1.46	1.49	WORKER
558355.1741605	558355.2	4160513	WRKR_439	1.84	1.77	1.56	1.60	WORKER
558355.1741605	558355.2	4160523	WRKR_440	2.09	2.05	1.68	1.73	WORKER
558355.1741605	558355.2	4160533	WRKR_441	2.38	2.38	1.81	1.88	WORKER
558365.1741603	558365.2	4160363	WRKR_442	0.46	0.43	0.84	0.85	WORKER
558365.1741603	558365.2	4160373	WRKR_443	0.49	0.46	0.87	0.88	WORKER
558365.1741603	558365.2	4160383	WRKR_444	0.52	0.49	0.90	0.91	WORKER
558365.1741603	558365.2	4160393	WRKR_445	0.56	0.52	0.93	0.94	WORKER
558365.1741604	558365.2	4160403	WRKR_446	0.60	0.56	0.97	0.98	WORKER
558365.1741604	558365.2	4160413	WRKR_447	0.65	0.60	1.00	1.01	WORKER
558365.1741604	558365.2	4160423	WRKR_448	0.70	0.65	1.04	1.05	WORKER
558365.1741604	558365.2	4160433	WRKR_449	0.77	0.70	1.08	1.09	WORKER
558365.1741604	558365.2	4160443	WRKR_450	0.84	0.77	1.13	1.14	WORKER
558365.1741604	558365.2	4160453	WRKR_451	0.92	0.84	1.18	1.19	WORKER
558365.1741604	558365.2	4160463	WRKR_452	1.01	0.93	1.24	1.25	WORKER
558365.1741604	558365.2	4160473	WRKR_453	1.12	1.04	1.30	1.31	WORKER
558365.1741604	558365.2	4160483	WRKR_454	1.25	1.17	1.36	1.39	WORKER
558365.1741604	558365.2	4160493	WRKR_455	1.40	1.32	1.44	1.47	WORKER
558365.1741605	558365.2	4160503	WRKR_456	1.58	1.51	1.53	1.57	WORKER
558365.1741605	558365.2	4160513	WRKR_457	1.78	1.73	1.64	1.68	WORKER
558365.1741605	558365.2	4160523	WRKR_458	2.02	1.99	1.76	1.81	WORKER
558365.1741605	558365.2	4160533	WRKR_459	2.30	2.30	1.91	1.98	WORKER
558375.1741603	558375.2	4160363	WRKR_460	0.45	0.42	0.88	0.88	WORKER
558375.1741603	558375.2	4160373	WRKR_461	0.48	0.44	0.91	0.92	WORKER
558375.1741603	558375.2	4160383	WRKR_462	0.51	0.47	0.94	0.95	WORKER
558375.1741603	558375.2	4160393	WRKR_463	0.55	0.50	0.97	0.98	WORKER
558375.1741604	558375.2	4160403	WRKR_464	0.59	0.54	1.01	1.02	WORKER
558375.1741604	558375.2	4160413	WRKR_465	0.63	0.58	1.05	1.06	WORKER
558375.1741604	558375.2	4160423	WRKR_466	0.69	0.63	1.09	1.10	WORKER
558375.1741604	558375.2	4160433	WRKR_467	0.75	0.68	1.13	1.14	WORKER
558375.1741604	558375.2	4160443	WRKR_468	0.82	0.74	1.18	1.19	WORKER
558375.1741604	558375.2	4160453	WRKR_469	0.89	0.82	1.23	1.25	WORKER
558375.1741604	558375.2	4160463	WRKR_470	0.99	0.91	1.29	1.30	WORKER
558375.1741604	558375.2	4160473	WRKR_471	1.10	1.01	1.35	1.37	WORKER
558375.1741604	558375.2	4160483	WRKR_472	1.22	1.14	1.43	1.45	WORKER
558375.1741604	558375.2	4160493	WRKR_473	1.37	1.29	1.51	1.53	WORKER
558375.1741605	558375.2	4160503	WRKR_474	1.54	1.47	1.60	1.64	WORKER
558375.1741605	558375.2	4160513	WRKR_475	1.73	1.68	1.72	1.76	WORKER
558375.1741605	558375.2	4160523	WRKR_476	1.96	1.93	1.85	1.90	WORKER
558375.1741605	558375.2	4160533	WRKR_477	2.23	2.22	2.01	2.08	WORKER
558385.1741603	558385.2	4160363	WRKR_478	0.44	0.40	0.91	0.92	WORKER
558385.1741603	558385.2	4160373	WRKR_479	0.46	0.43	0.95	0.96	WORKER
558385.1741603	558385.2	4160383	WRKR_480	0.50	0.46	0.98	0.99	WORKER
558385.1741603	558385.2	4160393	WRKR_481	0.53	0.49	1.01	1.02	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558385.1741604	558385.2	4160403	WRKR_482	0.57	0.52	1.05	1.06	WORKER
558385.174160	558385.2	4160413	WRKR_483	0.62	0.56	1.09	1.10	WORKER
558385.174160	558385.2	4160423	WRKR_484	0.67	0.61	1.13	1.15	WORKER
558385.174160	558385.2	4160433	WRKR_485	0.73	0.66	1.18	1.19	WORKER
558385.174160	558385.2	4160443	WRKR_486	0.80	0.73	1.23	1.24	WORKER
558385.174160	558385.2	4160453	WRKR_487	0.88	0.80	1.28	1.30	WORKER
558385.1741604	558385.2	4160463	WRKR_488	0.97	0.89	1.34	1.36	WORKER
558385.174160	558385.2	4160473	WRKR_489	1.07	0.99	1.41	1.43	WORKER
558385.174160	558385.2	4160483	WRKR_490	1.19	1.12	1.49	1.51	WORKER
558385.174160	558385.2	4160493	WRKR_491	1.34	1.26	1.58	1.60	WORKER
558385.1741605	558385.2	4160503	WRKR_492	1.50	1.43	1.68	1.71	WORKER
558385.174160	558385.2	4160513	WRKR_493	1.69	1.64	1.79	1.84	WORKER
558385.174160	558385.2	4160523	WRKR_494	1.90	1.87	1.93	1.99	WORKER
558385.174160	558385.2	4160533	WRKR_495	2.15	2.14	2.10	2.18	WORKER
558395.1741603	558395.2	4160363	WRKR_496	0.43	0.39	0.95	0.96	WORKER
558395.174160	558395.2	4160373	WRKR_497	0.45	0.42	0.99	0.99	WORKER
558395.174160	558395.2	4160383	WRKR_498	0.48	0.44	1.02	1.03	WORKER
558395.174160	558395.2	4160393	WRKR_499	0.52	0.47	1.06	1.07	WORKER
558395.1741604	558395.2	4160403	WRKR_500	0.56	0.51	1.10	1.11	WORKER
558395.174160	558395.2	4160413	WRKR_501	0.60	0.55	1.14	1.15	WORKER
558395.174160	558395.2	4160423	WRKR_502	0.66	0.60	1.18	1.19	WORKER
558395.174160	558395.2	4160433	WRKR_503	0.72	0.65	1.23	1.24	WORKER
558395.174160	558395.2	4160443	WRKR_504	0.78	0.71	1.28	1.30	WORKER
558395.174160	558395.2	4160453	WRKR_505	0.86	0.79	1.34	1.35	WORKER
558395.1741604	558395.2	4160463	WRKR_506	0.95	0.87	1.40	1.42	WORKER
558395.174160	558395.2	4160473	WRKR_507	1.05	0.98	1.47	1.49	WORKER
558395.174160	558395.2	4160483	WRKR_508	1.17	1.10	1.55	1.57	WORKER
558395.174160	558395.2	4160493	WRKR_509	1.31	1.24	1.64	1.67	WORKER
558395.1741605	558395.2	4160503	WRKR_510	1.47	1.41	1.75	1.78	WORKER
558395.174160	558395.2	4160513	WRKR_511	1.64	1.60	1.87	1.92	WORKER
557513.484160	557513.5	4160679	HOTEL_1	0.13	0.13	0.07	0.07	RESIDENT
557513.484160	557513.5	4160689	HOTEL_2	0.13	0.13	0.07	0.07	RESIDENT
557513.484160	557513.5	4160699	HOTEL_3	0.13	0.12	0.07	0.07	RESIDENT
557513.4841607	557513.5	4160709	HOTEL_4	0.13	0.12	0.07	0.07	RESIDENT
557513.484160	557513.5	4160719	HOTEL_5	0.13	0.12	0.07	0.07	RESIDENT
557513.484160	557513.5	4160729	HOTEL_6	0.13	0.12	0.07	0.07	RESIDENT
557523.484160	557523.5	4160679	HOTEL_7	0.13	0.13	0.07	0.07	RESIDENT
557523.484160	557523.5	4160689	HOTEL_8	0.13	0.13	0.07	0.07	RESIDENT
557523.484160	557523.5	4160699	HOTEL_9	0.13	0.13	0.07	0.07	RESIDENT
557523.4841607	557523.5	4160709	HOTEL_10	0.13	0.13	0.07	0.07	RESIDENT
557523.484160	557523.5	4160719	HOTEL_11	0.13	0.12	0.07	0.07	RESIDENT
557523.484160	557523.5	4160729	HOTEL_12	0.13	0.12	0.07	0.07	RESIDENT
557533.484160	557533.5	4160679	HOTEL_13	0.13	0.13	0.07	0.07	RESIDENT
557533.484160	557533.5	4160689	HOTEL_14	0.13	0.13	0.07	0.07	RESIDENT
557533.484160	557533.5	4160699	HOTEL_15	0.13	0.13	0.07	0.07	RESIDENT
557533.4841607	557533.5	4160709	HOTEL_16	0.13	0.13	0.07	0.07	RESIDENT
557533.484160	557533.5	4160719	HOTEL_17	0.13	0.13	0.07	0.07	RESIDENT
557533.484160	557533.5	4160729	HOTEL_18	0.13	0.13	0.07	0.07	RESIDENT
557543.484160	557543.5	4160679	HOTEL_19	0.14	0.14	0.08	0.07	RESIDENT
557543.484160	557543.5	4160689	HOTEL_20	0.14	0.14	0.08	0.07	RESIDENT
557543.484160	557543.5	4160699	HOTEL_21	0.14	0.13	0.08	0.07	RESIDENT
557543.4841607	557543.5	4160709	HOTEL_22	0.14	0.13	0.08	0.07	RESIDENT

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
557543.4841607	557543.5	4160719	HOTEL_23	0.14	0.13	0.08	0.07	RESIDENT
557543.4841607	557543.5	4160729	HOTEL_24	0.14	0.13	0.08	0.07	RESIDENT
557553.4841606	557553.5	4160679	HOTEL_25	0.14	0.14	0.08	0.08	RESIDENT
557553.4841606	557553.5	4160689	HOTEL_26	0.14	0.14	0.08	0.08	RESIDENT
557553.4841606	557553.5	4160699	HOTEL_27	0.14	0.14	0.08	0.08	RESIDENT
557553.4841607	557553.5	4160709	HOTEL_28	0.14	0.14	0.08	0.08	RESIDENT
557553.4841607	557553.5	4160719	HOTEL_29	0.14	0.14	0.08	0.08	RESIDENT
557553.4841607	557553.5	4160729	HOTEL_30	0.14	0.14	0.08	0.08	RESIDENT
557563.4841606	557563.5	4160679	HOTEL_31	0.15	0.15	0.08	0.08	RESIDENT
557563.4841606	557563.5	4160689	HOTEL_32	0.15	0.15	0.08	0.08	RESIDENT
557563.4841606	557563.5	4160699	HOTEL_33	0.15	0.14	0.08	0.08	RESIDENT
557563.4841607	557563.5	4160709	HOTEL_34	0.15	0.14	0.08	0.08	RESIDENT
557563.4841607	557563.5	4160719	HOTEL_35	0.15	0.14	0.08	0.08	RESIDENT
557563.4841607	557563.5	4160729	HOTEL_36	0.15	0.14	0.08	0.08	RESIDENT
557573.4841606	557573.5	4160679	HOTEL_37	0.15	0.15	0.08	0.08	RESIDENT
557573.4841606	557573.5	4160689	HOTEL_38	0.15	0.15	0.08	0.08	RESIDENT
557573.4841606	557573.5	4160699	HOTEL_39	0.15	0.15	0.08	0.08	RESIDENT
557573.4841607	557573.5	4160709	HOTEL_40	0.15	0.15	0.08	0.08	RESIDENT
557573.4841607	557573.5	4160719	HOTEL_41	0.15	0.14	0.08	0.08	RESIDENT
557573.4841607	557573.5	4160729	HOTEL_42	0.15	0.14	0.08	0.08	RESIDENT
557583.4841606	557583.5	4160679	HOTEL_43	0.16	0.16	0.08	0.08	RESIDENT
557583.4841606	557583.5	4160689	HOTEL_44	0.16	0.15	0.08	0.08	RESIDENT
557583.4841606	557583.5	4160699	HOTEL_45	0.16	0.15	0.08	0.08	RESIDENT
557583.4841607	557583.5	4160709	HOTEL_46	0.16	0.15	0.08	0.08	RESIDENT
557583.4841607	557583.5	4160719	HOTEL_47	0.16	0.15	0.08	0.08	RESIDENT
557583.4841607	557583.5	4160729	HOTEL_48	0.16	0.15	0.08	0.08	RESIDENT
557593.4841606	557593.5	4160679	HOTEL_49	0.16	0.16	0.08	0.08	RESIDENT
557593.4841606	557593.5	4160689	HOTEL_50	0.16	0.16	0.08	0.08	RESIDENT
557593.4841606	557593.5	4160699	HOTEL_51	0.16	0.16	0.08	0.08	RESIDENT
557593.4841607	557593.5	4160709	HOTEL_52	0.16	0.16	0.08	0.08	RESIDENT
557593.4841607	557593.5	4160719	HOTEL_53	0.16	0.15	0.08	0.08	RESIDENT
557593.4841607	557593.5	4160729	HOTEL_54	0.16	0.15	0.08	0.08	RESIDENT
557603.4841606	557603.5	4160679	HOTEL_55	0.17	0.17	0.08	0.08	RESIDENT
557603.4841606	557603.5	4160689	HOTEL_56	0.17	0.16	0.08	0.08	RESIDENT
557603.4841606	557603.5	4160699	HOTEL_57	0.17	0.16	0.08	0.08	RESIDENT
557603.4841607	557603.5	4160709	HOTEL_58	0.17	0.16	0.08	0.08	RESIDENT
557603.4841607	557603.5	4160719	HOTEL_59	0.17	0.16	0.08	0.08	RESIDENT
557613.4841606	557613.5	4160679	HOTEL_60	0.17	0.17	0.09	0.08	RESIDENT
557613.4841606	557613.5	4160689	HOTEL_61	0.17	0.17	0.09	0.08	RESIDENT
557613.4841606	557613.5	4160699	HOTEL_62	0.17	0.17	0.09	0.08	RESIDENT
557613.4841607	557613.5	4160709	HOTEL_63	0.17	0.17	0.09	0.08	RESIDENT
557623.4841606	557623.5	4160689	HOTEL_64	0.18	0.18	0.09	0.09	RESIDENT
557623.4841606	557623.5	4160699	HOTEL_65	0.18	0.17	0.09	0.09	RESIDENT
557623.4841607	557623.5	4160709	HOTEL_66	0.18	0.17	0.09	0.09	RESIDENT
558477.6641605	558477.7	4160569	WRKR_512	2.31	2.41	4.87	5.32	WORKER
558477.6641605	558477.7	4160579	WRKR_513	2.53	2.67	5.63	6.31	WORKER
558477.6641605	558477.7	4160589	WRKR_514	2.78	2.96	6.66	7.74	WORKER
558477.6641605	558477.7	4160599	WRKR_515	3.05	3.28	8.09	9.94	WORKER
558487.6641605	558487.7	4160569	WRKR_516	2.20	2.31	5.07	5.54	WORKER
558487.6641605	558487.7	4160579	WRKR_517	2.39	2.54	5.77	6.46	WORKER
558487.6641605	558487.7	4160589	WRKR_518	2.60	2.79	6.68	7.71	WORKER
558487.6641605	558487.7	4160599	WRKR_519	2.83	3.07	7.95	9.56	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558497.6641605	558497.7	4160569	WRKR_520	2.12	2.24	5.36	5.92	WORKER
558497.6641605	558497.7	4160579	WRKR_521	2.30	2.45	6.04	6.81	WORKER
558497.6641605	558497.7	4160589	WRKR_522	2.49	2.68	6.95	8.06	WORKER
558497.6641605	558497.7	4160599	WRKR_523	2.68	2.91	8.20	9.84	WORKER
558507.6641605	558507.7	4160569	WRKR_524	2.06	2.18	5.85	6.55	WORKER
558507.6641605	558507.7	4160579	WRKR_525	2.22	2.37	6.52	7.45	WORKER
558507.6641605	558507.7	4160589	WRKR_526	2.39	2.58	7.51	8.85	WORKER
558507.6641605	558507.7	4160599	WRKR_527	2.56	2.79	8.87	10.83	WORKER
558517.6641605	558517.7	4160569	WRKR_528	1.99	2.12	6.43	7.34	WORKER
558517.6641605	558517.7	4160579	WRKR_529	2.14	2.29	7.14	8.36	WORKER
558517.6641605	558517.7	4160589	WRKR_530	2.29	2.47	8.15	9.83	WORKER
558517.6641605	558517.7	4160599	WRKR_531	2.44	2.65	9.66	12.09	WORKER
558527.6641605	558527.7	4160569	WRKR_532	1.92	2.05	7.14	8.41	WORKER
558527.6641605	558527.7	4160579	WRKR_533	2.05	2.20	7.95	9.65	WORKER
558527.6641605	558527.7	4160589	WRKR_534	2.18	2.36	9.06	11.37	WORKER
558527.6641605	558527.7	4160599	WRKR_535	2.31	2.52	8.39	13.99	WORKER
558537.6641605	558537.7	4160569	WRKR_536	1.85	1.98	8.15	10.05	WORKER
558537.6641605	558537.7	4160579	WRKR_537	1.97	2.12	9.06	11.63	WORKER
558537.6641605	558537.7	4160589	WRKR_538	2.08	2.26	7.64	13.82	WORKER
558537.6641605	558537.7	4160599	WRKR_539	2.19	2.38	8.52	10.81	WORKER
558547.6641605	558547.7	4160569	WRKR_540	1.78	1.91	9.57	12.54	WORKER
558547.6641605	558547.7	4160579	WRKR_541	1.89	2.04	7.55	9.42	WORKER
558547.6641605	558547.7	4160589	WRKR_542	1.98	2.15	5.67	6.61	WORKER
558557.6641605	558557.7	4160569	WRKR_543	1.72	1.85	5.37	6.32	WORKER
558600.6441605	558600.6	4160569	WRKR_544	1.45	1.58	6.94	8.84	WORKER
558600.6441605	558600.6	4160579	WRKR_545	1.50	1.64	7.08	9.07	WORKER
558600.6441605	558600.6	4160589	WRKR_546	1.54	1.68	8.51	11.40	WORKER
558600.6441605	558600.6	4160599	WRKR_547	1.57	1.71	7.72	9.91	WORKER
558610.6441605	558610.6	4160569	WRKR_548	1.39	1.51	8.35	10.95	WORKER
558610.6441605	558610.6	4160579	WRKR_549	1.43	1.56	7.72	9.78	WORKER
558610.6441605	558610.6	4160589	WRKR_550	1.46	1.59	7.10	8.73	WORKER
558610.6441605	558610.6	4160599	WRKR_551	1.49	1.62	6.45	7.71	WORKER
558620.6441605	558620.6	4160569	WRKR_552	1.33	1.45	7.11	8.60	WORKER
558620.6441605	558620.6	4160579	WRKR_553	1.36	1.48	6.57	7.80	WORKER
558620.6441605	558620.6	4160589	WRKR_554	1.39	1.51	6.07	7.07	WORKER
558620.6441605	558620.6	4160599	WRKR_555	1.41	1.53	5.53	6.33	WORKER
558630.6441605	558630.6	4160569	WRKR_556	1.27	1.38	6.13	7.05	WORKER
558630.6441605	558630.6	4160579	WRKR_557	1.30	1.41	5.70	6.49	WORKER
558630.6441605	558630.6	4160589	WRKR_558	1.32	1.43	5.25	5.90	WORKER
558630.6441605	558630.6	4160599	WRKR_559	1.34	1.45	4.77	5.31	WORKER
558640.6441605	558640.6	4160569	WRKR_560	1.21	1.32	5.34	5.96	WORKER
558640.6441605	558640.6	4160579	WRKR_561	1.24	1.34	4.97	5.51	WORKER
558640.6441605	558640.6	4160589	WRKR_562	1.25	1.36	4.56	5.02	WORKER
558640.6441605	558640.6	4160599	WRKR_563	1.27	1.37	4.16	4.54	WORKER
558650.6441605	558650.6	4160569	WRKR_564	1.16	1.26	4.70	5.15	WORKER
558650.6441605	558650.6	4160579	WRKR_565	1.18	1.28	4.38	4.77	WORKER
558650.6441605	558650.6	4160589	WRKR_566	1.19	1.29	4.03	4.36	WORKER
558650.6441605	558650.6	4160599	WRKR_567	1.20	1.30	3.69	3.97	WORKER
558660.6441605	558660.6	4160569	WRKR_568	1.11	1.20	4.22	4.55	WORKER
558660.6441605	558660.6	4160579	WRKR_569	1.12	1.22	3.93	4.22	WORKER
558660.6441605	558660.6	4160589	WRKR_570	1.13	1.22	3.62	3.87	WORKER
558660.6441605	558660.6	4160599	WRKR_571	1.14	1.23	3.34	3.55	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558670.6441605	558670.6	4160569	WRKR_57	1.06	1.15	3.81	4.08	WORKER
558670.6441605	558670.6	4160579	WRKR_57	1.07	1.16	3.54	3.77	WORKER
558670.6441605	558670.6	4160589	WRKR_57	1.08	1.16	3.28	3.48	WORKER
558495.4416049	558495.4	4160499	WRKR_57	1.20	1.21	3.14	3.27	WORKER
558495.4416050	558495.4	4160509	WRKR_57	1.31	1.33	3.32	3.48	WORKER
558495.4416051	558495.4	4160519	WRKR_57	1.43	1.46	3.53	3.72	WORKER
558495.4416052	558495.4	4160529	WRKR_57	1.56	1.60	3.77	3.99	WORKER
558505.4416049	558505.4	4160499	WRKR_57	1.19	1.20	3.48	3.66	WORKER
558505.4416050	558505.4	4160509	WRKR_58	1.29	1.31	3.67	3.89	WORKER
558505.4416051	558505.4	4160519	WRKR_58	1.40	1.44	3.89	4.15	WORKER
558505.4416052	558505.4	4160529	WRKR_58	1.53	1.57	4.15	4.44	WORKER
558515.4416049	558515.4	4160499	WRKR_58	1.17	1.19	3.91	4.17	WORKER
558515.4416050	558515.4	4160509	WRKR_58	1.27	1.30	4.12	4.43	WORKER
558515.4416051	558515.4	4160519	WRKR_58	1.38	1.42	4.36	4.71	WORKER
558515.4416052	558515.4	4160529	WRKR_58	1.50	1.55	4.62	5.03	WORKER
558525.4416049	558525.4	4160499	WRKR_58	1.16	1.18	4.44	4.83	WORKER
558525.4416050	558525.4	4160509	WRKR_58	1.25	1.28	4.70	5.15	WORKER
558525.4416051	558525.4	4160519	WRKR_58	1.36	1.40	4.95	5.47	WORKER
558525.4416052	558525.4	4160529	WRKR_59	1.47	1.52	5.24	5.84	WORKER
558535.4416049	558535.4	4160499	WRKR_59	1.14	1.17	5.16	5.77	WORKER
558535.4416050	558535.4	4160509	WRKR_59	1.23	1.27	5.44	6.15	WORKER
558535.4416051	558535.4	4160519	WRKR_59	1.33	1.38	5.75	6.56	WORKER
558535.4416052	558535.4	4160529	WRKR_59	1.44	1.50	6.06	6.99	WORKER
558545.4416049	558545.4	4160499	WRKR_59	1.13	1.15	6.07	7.08	WORKER
558545.4416050	558545.4	4160509	WRKR_59	1.22	1.25	6.43	7.61	WORKER
558545.4416051	558545.4	4160519	WRKR_59	1.31	1.36	6.79	8.16	WORKER
558545.4416052	558545.4	4160529	WRKR_59	1.41	1.47	7.16	8.71	WORKER
558555.4416049	558555.4	4160499	WRKR_59	1.11	1.14	7.33	9.11	WORKER
558555.4416050	558555.4	4160509	WRKR_60	1.20	1.24	7.77	9.84	WORKER
558555.4416051	558555.4	4160519	WRKR_60	1.28	1.34	8.20	10.56	WORKER
558555.4416052	558555.4	4160529	WRKR_60	1.38	1.44	8.68	11.38	WORKER
558565.4416049	558565.4	4160499	WRKR_60	1.10	1.13	6.36	7.79	WORKER
558565.4416050	558565.4	4160509	WRKR_60	1.18	1.22	7.00	8.89	WORKER
558565.4416051	558565.4	4160519	WRKR_60	1.26	1.32	5.00	5.84	WORKER
558565.4416052	558565.4	4160529	WRKR_60	1.34	1.42	7.23	9.38	WORKER
558618.9841604	558619	4160499	WRKR_60	0.99	1.04	5.32	6.31	WORKER
558618.9841605	558619	4160509	WRKR_60	1.04	1.11	7.02	8.83	WORKER
558618.9841605	558619	4160519	WRKR_60	1.10	1.17	7.04	12.37	WORKER
558618.9841605	558619	4160529	WRKR_61	1.15	1.24	8.92	11.53	WORKER
558628.9841604	558629	4160499	WRKR_61	0.97	1.03	9.12	11.74	WORKER
558628.9841605	558629	4160509	WRKR_61	1.02	1.09	8.48	10.59	WORKER
558628.9841605	558629	4160519	WRKR_61	1.07	1.15	8.00	9.77	WORKER
558628.9841605	558629	4160529	WRKR_61	1.12	1.20	7.63	9.18	WORKER
558638.9841604	558639	4160499	WRKR_61	0.95	1.01	7.97	9.61	WORKER
558638.9841605	558639	4160509	WRKR_61	0.99	1.06	7.43	8.76	WORKER
558638.9841605	558639	4160519	WRKR_61	1.04	1.12	7.03	8.16	WORKER
558638.9841605	558639	4160529	WRKR_61	1.08	1.17	6.70	7.70	WORKER
558648.9841604	558649	4160499	WRKR_61	0.92	0.99	7.13	8.26	WORKER
558648.9841605	558649	4160509	WRKR_62	0.97	1.04	6.64	7.56	WORKER
558648.9841605	558649	4160519	WRKR_62	1.01	1.09	6.28	7.06	WORKER
558648.9841605	558649	4160529	WRKR_62	1.05	1.13	5.97	6.66	WORKER
558658.9841604	558659	4160499	WRKR_62	0.90	0.97	6.52	7.36	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558658.9841605	558659	4160509	WRKR_624	0.94	1.01	6.06	6.74	WORKER
558658.9841605	558659	4160519	WRKR_625	0.98	1.05	5.69	6.27	WORKER
558658.9841605	558659	4160529	WRKR_626	1.01	1.09	5.40	5.91	WORKER
558668.9841604	558669	4160499	WRKR_627	0.88	0.94	5.99	6.66	WORKER
558668.9841605	558669	4160509	WRKR_628	0.91	0.98	5.55	6.10	WORKER
558668.9841605	558669	4160519	WRKR_629	0.95	1.02	5.20	5.66	WORKER
558668.9841605	558669	4160529	WRKR_630	0.98	1.06	4.92	5.32	WORKER
558678.9841604	558679	4160499	WRKR_631	0.86	0.92	5.57	6.13	WORKER
558678.9841605	558679	4160509	WRKR_632	0.89	0.96	5.14	5.59	WORKER
558678.9841605	558679	4160519	WRKR_633	0.92	0.99	4.80	5.18	WORKER
558678.9841605	558679	4160529	WRKR_634	0.94	1.02	4.52	4.85	WORKER
558688.9841604	558689	4160499	WRKR_635	0.83	0.90	5.20	5.69	WORKER
558688.9841605	558689	4160509	WRKR_636	0.86	0.93	4.78	5.18	WORKER
558688.9841605	558689	4160519	WRKR_637	0.89	0.96	4.46	4.79	WORKER
558444.4141603	558444.4	4160372	WRKR_638	0.42	0.38	1.24	1.25	WORKER
558454.4141603	558454.4	4160382	WRKR_639	0.44	0.40	1.33	1.34	WORKER
558454.4141603	558454.4	4160392	WRKR_640	0.48	0.43	1.38	1.40	WORKER
558454.4141604	558454.4	4160402	WRKR_641	0.51	0.47	1.44	1.45	WORKER
558464.4141603	558464.4	4160382	WRKR_642	0.44	0.40	1.41	1.42	WORKER
558464.4141603	558464.4	4160392	WRKR_643	0.47	0.43	1.46	1.48	WORKER
558464.4141604	558464.4	4160402	WRKR_644	0.51	0.47	1.52	1.54	WORKER
558474.4141603	558474.4	4160382	WRKR_645	0.44	0.39	1.49	1.50	WORKER
558474.4141603	558474.4	4160392	WRKR_646	0.47	0.43	1.55	1.57	WORKER
558474.4141604	558474.4	4160402	WRKR_647	0.51	0.47	1.61	1.63	WORKER
558484.4141603	558484.4	4160382	WRKR_648	0.44	0.39	1.58	1.60	WORKER
558484.4141603	558484.4	4160392	WRKR_649	0.47	0.43	1.64	1.66	WORKER
558484.4141604	558484.4	4160402	WRKR_650	0.51	0.46	1.70	1.72	WORKER
558494.4141603	558494.4	4160382	WRKR_651	0.44	0.39	1.68	1.70	WORKER
558494.4141603	558494.4	4160392	WRKR_652	0.47	0.43	1.74	1.77	WORKER
558494.4141604	558494.4	4160402	WRKR_653	0.51	0.46	1.81	1.84	WORKER
558504.4141603	558504.4	4160382	WRKR_654	0.44	0.40	1.80	1.82	WORKER
558504.4141603	558504.4	4160392	WRKR_655	0.47	0.43	1.89	1.92	WORKER
558504.4141604	558504.4	4160402	WRKR_656	0.52	0.47	2.01	2.04	WORKER
558514.4141603	558514.4	4160382	WRKR_657	0.44	0.40	1.93	1.96	WORKER
558514.4141603	558514.4	4160392	WRKR_658	0.47	0.43	2.04	2.07	WORKER
558514.4141604	558514.4	4160402	WRKR_659	0.52	0.48	2.17	2.22	WORKER
558524.4141603	558524.4	4160392	WRKR_660	0.48	0.44	2.20	2.25	WORKER
558524.4141604	558524.4	4160402	WRKR_661	0.52	0.48	2.36	2.42	WORKER
558581.8241603	558581.8	4160392	WRKR_662	0.49	0.47	3.77	4.00	WORKER
558581.8241604	558581.8	4160402	WRKR_663	0.53	0.51	4.22	4.56	WORKER
558581.824160	558581.8	4160412	WRKR_664	0.57	0.55	4.77	5.28	WORKER
558581.824160	558581.8	4160422	WRKR_665	0.62	0.60	5.43	6.20	WORKER
558591.8241603	558591.8	4160392	WRKR_666	0.49	0.47	4.10	4.40	WORKER
558591.8241604	558591.8	4160402	WRKR_667	0.53	0.51	4.64	5.10	WORKER
558591.824160	558591.8	4160412	WRKR_668	0.57	0.56	5.31	6.03	WORKER
558591.824160	558591.8	4160422	WRKR_669	0.62	0.60	6.14	7.31	WORKER
558601.8241603	558601.8	4160382	WRKR_670	0.46	0.44	3.93	4.19	WORKER
558601.8241603	558601.8	4160392	WRKR_671	0.50	0.47	4.44	4.83	WORKER
558601.8241604	558601.8	4160402	WRKR_672	0.53	0.52	5.09	5.70	WORKER
558601.824160	558601.8	4160412	WRKR_673	0.57	0.56	5.89	6.91	WORKER
558601.824160	558601.8	4160422	WRKR_674	0.62	0.61	6.91	8.65	WORKER
558611.8241603	558611.8	4160382	WRKR_675	0.46	0.44	4.18	4.49	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558611.8241603	558611.8	4160392	WRKR_676	0.50	0.48	4.75	5.24	WORKER
558611.8241604	558611.8	4160402	WRKR_677	0.53	0.52	5.55	6.36	WORKER
558611.824160	558611.8	4160412	WRKR_678	0.57	0.56	6.50	7.93	WORKER
558611.824160	558611.8	4160422	WRKR_679	0.61	0.61	7.75	10.30	WORKER
558621.8241603	558621.8	4160382	WRKR_680	0.47	0.45	4.46	4.84	WORKER
558621.8241603	558621.8	4160392	WRKR_681	0.50	0.48	5.10	5.71	WORKER
558621.8241604	558621.8	4160402	WRKR_682	0.53	0.52	6.01	7.07	WORKER
558621.824160	558621.8	4160412	WRKR_683	0.57	0.56	7.18	9.14	WORKER
558621.824160	558621.8	4160422	WRKR_684	0.61	0.61	5.95	7.46	WORKER
558631.8241603	558631.8	4160382	WRKR_685	0.47	0.45	4.76	5.21	WORKER
558631.8241603	558631.8	4160392	WRKR_686	0.50	0.49	5.47	6.20	WORKER
558631.8241604	558631.8	4160402	WRKR_687	0.53	0.52	6.51	7.84	WORKER
558641.8241603	558641.8	4160382	WRKR_688	0.47	0.45	5.05	5.57	WORKER
558641.8241603	558641.8	4160392	WRKR_689	0.50	0.49	5.83	6.70	WORKER
558641.8241604	558641.8	4160402	WRKR_690	0.53	0.53	7.04	8.66	WORKER
558651.8241603	558651.8	4160382	WRKR_691	0.47	0.46	5.42	6.05	WORKER
558651.8241603	558651.8	4160392	WRKR_692	0.50	0.49	6.30	7.33	WORKER
558651.8241604	558651.8	4160402	WRKR_693	0.53	0.53	7.66	9.61	WORKER
558661.8241603	558661.8	4160382	WRKR_694	0.47	0.46	5.85	6.58	WORKER
558661.8241603	558661.8	4160392	WRKR_695	0.50	0.49	6.78	7.98	WORKER
558661.8241604	558661.8	4160402	WRKR_696	0.53	0.53	8.30	10.62	WORKER
558671.8241603	558671.8	4160362	WRKR_697	0.41	0.40	5.28	5.80	WORKER
558671.824160	558671.8	4160372	WRKR_698	0.44	0.43	5.71	6.34	WORKER
558671.8241603	558671.8	4160382	WRKR_699	0.47	0.46	6.35	7.23	WORKER
558671.8241603	558671.8	4160392	WRKR_700	0.50	0.49	7.34	8.74	WORKER
558671.8241604	558671.8	4160402	WRKR_701	0.53	0.53	8.98	11.64	WORKER
558681.8241603	558681.8	4160362	WRKR_702	0.41	0.40	5.90	6.61	WORKER
558681.824160	558681.8	4160372	WRKR_703	0.44	0.43	6.21	7.03	WORKER
558681.8241603	558681.8	4160382	WRKR_704	0.47	0.46	6.92	8.02	WORKER
558681.8241603	558681.8	4160392	WRKR_705	0.50	0.50	7.97	9.63	WORKER
558681.8241604	558681.8	4160402	WRKR_706	0.53	0.53	9.65	12.60	WORKER
558691.8241603	558691.8	4160362	WRKR_707	0.41	0.40	6.77	7.87	WORKER
558691.824160	558691.8	4160372	WRKR_708	0.44	0.43	7.17	8.41	WORKER
558691.8241603	558691.8	4160382	WRKR_709	0.47	0.46	7.80	9.31	WORKER
558691.8241603	558691.8	4160392	WRKR_710	0.49	0.50	8.85	10.98	WORKER
558691.8241604	558691.8	4160402	WRKR_711	0.52	0.53	10.60	14.22	WORKER
558701.8241603	558701.8	4160362	WRKR_712	0.41	0.41	7.99	9.88	WORKER
558701.824160	558701.8	4160372	WRKR_713	0.44	0.44	8.39	10.45	WORKER
558701.8241603	558701.8	4160382	WRKR_714	0.47	0.47	9.02	11.41	WORKER
558701.8241603	558701.8	4160392	WRKR_715	0.49	0.50	10.04	13.10	WORKER
558701.8241604	558701.8	4160402	WRKR_716	0.52	0.53	11.75	16.45	WORKER
558711.8241603	558711.8	4160362	WRKR_717	0.41	0.41	9.73	13.31	WORKER
558711.824160	558711.8	4160372	WRKR_718	0.44	0.44	10.11	13.92	WORKER
558711.8241603	558711.8	4160382	WRKR_719	0.46	0.47	8.33	10.64	WORKER
558711.8241603	558711.8	4160392	WRKR_720	0.49	0.50	11.67	16.59	WORKER
558711.8241604	558711.8	4160402	WRKR_721	0.52	0.53	7.53	9.68	WORKER
558721.8241603	558721.8	4160362	WRKR_722	0.41	0.41	5.78	6.84	WORKER
558721.824160	558721.8	4160372	WRKR_723	0.44	0.44	6.46	7.93	WORKER
558721.8241603	558721.8	4160382	WRKR_724	0.46	0.47	9.21	12.62	WORKER
558721.8241603	558721.8	4160392	WRKR_725	0.49	0.50	7.19	9.15	WORKER
558721.8241604	558721.8	4160402	WRKR_726	0.51	0.53	7.67	10.01	WORKER
558690.0941602	558690.1	4160295	WRKR_727	0.27	0.25	5.33	6.02	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558690.0941603	558690.1	4160305	WRKR_728	0.29	0.27	5.40	6.10	WORKER
558690.0941603	558690.1	4160315	WRKR_729	0.31	0.29	5.47	6.18	WORKER
558690.0941603	558690.1	4160325	WRKR_730	0.32	0.31	5.56	6.27	WORKER
558690.0941603	558690.1	4160335	WRKR_731	0.35	0.33	5.67	6.41	WORKER
558700.0941602	558700.1	4160295	WRKR_732	0.27	0.25	6.44	7.62	WORKER
558700.0941603	558700.1	4160305	WRKR_733	0.29	0.27	6.53	7.73	WORKER
558700.0941603	558700.1	4160315	WRKR_734	0.31	0.29	6.59	7.79	WORKER
558700.0941603	558700.1	4160325	WRKR_735	0.33	0.31	6.66	7.84	WORKER
558700.0941603	558700.1	4160335	WRKR_736	0.35	0.33	6.76	7.96	WORKER
558710.0941602	558710.1	4160295	WRKR_737	0.27	0.26	8.08	10.27	WORKER
558710.0941603	558710.1	4160305	WRKR_738	0.29	0.27	8.15	10.32	WORKER
558710.0941603	558710.1	4160315	WRKR_739	0.31	0.29	8.21	10.35	WORKER
558710.0941603	558710.1	4160325	WRKR_740	0.33	0.31	8.28	10.41	WORKER
558710.0941603	558710.1	4160335	WRKR_741	0.35	0.34	8.34	10.45	WORKER
558720.0941602	558720.1	4160295	WRKR_742	0.28	0.26	7.08	8.86	WORKER
558720.0941603	558720.1	4160305	WRKR_743	0.29	0.28	4.97	5.75	WORKER
558720.0941603	558720.1	4160315	WRKR_744	0.31	0.30	7.18	9.09	WORKER
558720.0941603	558720.1	4160325	WRKR_745	0.33	0.32	7.33	9.19	WORKER
558612.6841602	558612.7	4160297	WRKR_746	0.26	0.23	2.27	2.32	WORKER
558612.6841603	558612.7	4160307	WRKR_747	0.27	0.24	2.37	2.42	WORKER
558612.6841603	558612.7	4160317	WRKR_748	0.29	0.26	2.48	2.54	WORKER
558612.6841603	558612.7	4160327	WRKR_749	0.31	0.28	2.60	2.67	WORKER
558612.6841603	558612.7	4160337	WRKR_750	0.33	0.31	2.76	2.84	WORKER
558622.6841602	558622.7	4160297	WRKR_751	0.26	0.23	2.44	2.51	WORKER
558622.6841603	558622.7	4160307	WRKR_752	0.28	0.25	2.54	2.61	WORKER
558622.6841603	558622.7	4160317	WRKR_753	0.29	0.27	2.65	2.72	WORKER
558622.6841603	558622.7	4160327	WRKR_754	0.31	0.29	2.78	2.86	WORKER
558622.6841603	558622.7	4160337	WRKR_755	0.34	0.31	2.94	3.04	WORKER
558632.6841602	558632.7	4160297	WRKR_756	0.26	0.23	2.65	2.73	WORKER
558632.6841603	558632.7	4160307	WRKR_757	0.28	0.25	2.74	2.83	WORKER
558632.6841603	558632.7	4160317	WRKR_758	0.30	0.27	2.85	2.95	WORKER
558632.6841603	558632.7	4160327	WRKR_759	0.32	0.29	2.98	3.09	WORKER
558632.6841603	558632.7	4160337	WRKR_760	0.34	0.31	3.14	3.27	WORKER
558642.6841602	558642.7	4160297	WRKR_761	0.26	0.24	2.91	3.02	WORKER
558642.6841603	558642.7	4160307	WRKR_762	0.28	0.25	2.98	3.10	WORKER
558642.6841603	558642.7	4160317	WRKR_763	0.30	0.27	3.09	3.22	WORKER
558642.6841603	558642.7	4160327	WRKR_764	0.32	0.29	3.22	3.36	WORKER
558642.6841603	558642.7	4160337	WRKR_765	0.34	0.32	3.38	3.54	WORKER
558652.6841602	558652.7	4160297	WRKR_766	0.27	0.24	3.21	3.36	WORKER
558652.6841603	558652.7	4160307	WRKR_767	0.28	0.26	3.28	3.44	WORKER
558652.6841603	558652.7	4160317	WRKR_768	0.30	0.28	3.39	3.56	WORKER
558652.6841603	558652.7	4160327	WRKR_769	0.32	0.30	3.51	3.69	WORKER
558652.6841603	558652.7	4160337	WRKR_770	0.34	0.32	3.67	3.87	WORKER
558662.6841602	558662.7	4160297	WRKR_771	0.27	0.24	3.61	3.83	WORKER
558662.6841603	558662.7	4160307	WRKR_772	0.29	0.26	3.68	3.90	WORKER
558662.6841603	558662.7	4160317	WRKR_773	0.30	0.28	3.76	4.00	WORKER
558662.6841603	558662.7	4160327	WRKR_774	0.32	0.30	3.88	4.12	WORKER
558662.6841603	558662.7	4160337	WRKR_775	0.35	0.33	4.03	4.30	WORKER
558672.6841602	558672.7	4160297	WRKR_776	0.27	0.25	4.08	4.40	WORKER
558672.6841603	558672.7	4160307	WRKR_777	0.29	0.26	4.17	4.49	WORKER
558672.6841603	558672.7	4160317	WRKR_778	0.31	0.28	4.25	4.59	WORKER
558672.6841603	558672.7	4160327	WRKR_779	0.33	0.31	4.35	4.70	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558672.6841603	558672.7	4160337	WRKR_780	0.35	0.33	4.50	4.87	WORKER
558543.5841602	558543.6	4160291	WRKR_781	0.24	0.22	1.53	1.54	WORKER
558553.5841603	558553.6	4160301	WRKR_782	0.26	0.23	1.68	1.70	WORKER
558553.5841603	558553.6	4160311	WRKR_783	0.27	0.24	1.75	1.78	WORKER
558553.5841603	558553.6	4160321	WRKR_784	0.29	0.26	1.84	1.87	WORKER
558553.5841603	558553.6	4160331	WRKR_785	0.31	0.28	1.94	1.97	WORKER
558563.5841603	558563.6	4160301	WRKR_786	0.26	0.23	1.77	1.79	WORKER
558563.5841603	558563.6	4160311	WRKR_787	0.27	0.24	1.85	1.88	WORKER
558563.5841603	558563.6	4160321	WRKR_788	0.29	0.26	1.95	1.98	WORKER
558563.5841603	558563.6	4160331	WRKR_789	0.31	0.28	2.05	2.09	WORKER
558573.5841603	558573.6	4160301	WRKR_790	0.26	0.23	1.87	1.89	WORKER
558573.5841603	558573.6	4160311	WRKR_791	0.28	0.24	1.96	1.99	WORKER
558573.5841603	558573.6	4160321	WRKR_792	0.29	0.26	2.06	2.09	WORKER
558573.5841603	558573.6	4160331	WRKR_793	0.31	0.28	2.17	2.21	WORKER
558583.5841603	558583.6	4160301	WRKR_794	0.26	0.23	1.98	2.01	WORKER
558583.5841603	558583.6	4160311	WRKR_795	0.28	0.25	2.07	2.10	WORKER
558583.5841603	558583.6	4160321	WRKR_796	0.30	0.26	2.18	2.22	WORKER
558583.5841603	558583.6	4160331	WRKR_797	0.32	0.28	2.30	2.34	WORKER
558593.5841603	558593.6	4160331	WRKR_798	0.32	0.29	2.44	2.49	WORKER
558455.3541603	558455.4	4160304	WRKR_799	0.27	0.25	1.03	1.04	WORKER
558455.3541603	558455.4	4160314	WRKR_800	0.29	0.26	1.06	1.07	WORKER
558455.3541603	558455.4	4160324	WRKR_801	0.30	0.28	1.10	1.11	WORKER
558455.3541603	558455.4	4160334	WRKR_802	0.32	0.29	1.14	1.15	WORKER
558455.3541603	558455.4	4160344	WRKR_803	0.34	0.31	1.18	1.19	WORKER
558465.3541603	558465.4	4160304	WRKR_804	0.27	0.25	1.08	1.09	WORKER
558465.3541603	558465.4	4160314	WRKR_805	0.28	0.26	1.12	1.12	WORKER
558465.3541603	558465.4	4160324	WRKR_806	0.30	0.27	1.16	1.17	WORKER
558465.3541603	558465.4	4160334	WRKR_807	0.32	0.29	1.20	1.21	WORKER
558465.3541603	558465.4	4160344	WRKR_808	0.34	0.31	1.25	1.26	WORKER
558475.3541603	558475.4	4160304	WRKR_809	0.27	0.24	1.13	1.14	WORKER
558475.3541603	558475.4	4160314	WRKR_810	0.28	0.26	1.17	1.18	WORKER
558475.3541603	558475.4	4160324	WRKR_811	0.30	0.27	1.22	1.23	WORKER
558475.3541603	558475.4	4160334	WRKR_812	0.32	0.29	1.26	1.27	WORKER
558475.3541603	558475.4	4160344	WRKR_813	0.34	0.31	1.32	1.33	WORKER
558485.3541603	558485.4	4160304	WRKR_814	0.26	0.24	1.19	1.20	WORKER
558485.3541603	558485.4	4160314	WRKR_815	0.28	0.25	1.23	1.24	WORKER
558485.3541603	558485.4	4160324	WRKR_816	0.30	0.27	1.28	1.29	WORKER
558485.3541603	558485.4	4160334	WRKR_817	0.32	0.28	1.33	1.34	WORKER
558485.3541603	558485.4	4160344	WRKR_818	0.34	0.30	1.39	1.40	WORKER
558495.3541603	558495.4	4160304	WRKR_819	0.26	0.24	1.25	1.26	WORKER
558495.3541603	558495.4	4160314	WRKR_820	0.28	0.25	1.30	1.31	WORKER
558495.3541603	558495.4	4160324	WRKR_821	0.30	0.27	1.35	1.36	WORKER
558495.3541603	558495.4	4160334	WRKR_822	0.31	0.28	1.41	1.42	WORKER
558495.3541603	558495.4	4160344	WRKR_823	0.34	0.30	1.47	1.49	WORKER
558505.3541603	558505.4	4160304	WRKR_824	0.26	0.24	1.32	1.33	WORKER
558505.3541603	558505.4	4160314	WRKR_825	0.28	0.25	1.37	1.38	WORKER
558505.3541603	558505.4	4160324	WRKR_826	0.29	0.26	1.43	1.44	WORKER
558505.3541603	558505.4	4160334	WRKR_827	0.31	0.28	1.49	1.51	WORKER
558515.3541603	558515.4	4160304	WRKR_828	0.26	0.23	1.39	1.40	WORKER
558515.3541603	558515.4	4160314	WRKR_829	0.28	0.25	1.45	1.46	WORKER
558515.3541603	558515.4	4160324	WRKR_830	0.29	0.26	1.51	1.52	WORKER
558515.3541603	558515.4	4160334	WRKR_831	0.31	0.28	1.58	1.60	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558525.3541603	558525.4	4160304	WRKR_832	0.26	0.23	1.46	1.48	WORKER
558525.3541603	558525.4	4160314	WRKR_833	0.28	0.25	1.53	1.54	WORKER
558525.3541603	558525.4	4160324	WRKR_834	0.29	0.26	1.60	1.61	WORKER
558525.3541603	558525.4	4160334	WRKR_835	0.31	0.28	1.67	1.69	WORKER
558535.3541603	558535.4	4160304	WRKR_836	0.26	0.23	1.54	1.56	WORKER
558535.3541603	558535.4	4160314	WRKR_837	0.28	0.25	1.61	1.63	WORKER
558535.3541603	558535.4	4160324	WRKR_838	0.29	0.26	1.69	1.71	WORKER
558535.3541603	558535.4	4160334	WRKR_839	0.31	0.28	1.77	1.79	WORKER
558616.6741602	558616.7	4160230	WRKR_840	0.18	0.15	1.87	1.89	WORKER
558616.6741602	558616.7	4160240	WRKR_841	0.19	0.16	1.94	1.97	WORKER
558616.6741602	558616.7	4160250	WRKR_842	0.20	0.17	2.02	2.05	WORKER
558626.6741602	558626.7	4160230	WRKR_843	0.18	0.15	2.03	2.07	WORKER
558626.6741602	558626.7	4160240	WRKR_844	0.19	0.16	2.11	2.15	WORKER
558626.6741602	558626.7	4160250	WRKR_845	0.20	0.17	2.20	2.25	WORKER
558636.6741602	558636.7	4160230	WRKR_846	0.18	0.16	2.23	2.28	WORKER
558636.6741602	558636.7	4160240	WRKR_847	0.19	0.16	2.32	2.38	WORKER
558636.6741602	558636.7	4160250	WRKR_848	0.20	0.17	2.42	2.48	WORKER
558646.6741602	558646.7	4160230	WRKR_849	0.18	0.16	2.47	2.55	WORKER
558646.6741602	558646.7	4160240	WRKR_850	0.19	0.16	2.58	2.66	WORKER
558646.6741602	558646.7	4160250	WRKR_851	0.20	0.18	2.68	2.78	WORKER
558656.6741602	558656.7	4160230	WRKR_852	0.18	0.16	2.78	2.89	WORKER
558656.6741602	558656.7	4160240	WRKR_853	0.19	0.17	2.90	3.02	WORKER
558666.6741602	558666.7	4160230	WRKR_854	0.18	0.16	3.17	3.33	WORKER
558666.6741602	558666.7	4160240	WRKR_855	0.19	0.17	3.31	3.50	WORKER
558676.6741602	558676.7	4160230	WRKR_856	0.18	0.16	3.66	3.93	WORKER
558676.6741602	558676.7	4160240	WRKR_857	0.19	0.17	3.84	4.15	WORKER
558686.6741602	558686.7	4160230	WRKR_858	0.18	0.16	4.32	4.76	WORKER
558686.6741602	558686.7	4160240	WRKR_859	0.20	0.17	4.55	5.05	WORKER
558696.6741602	558696.7	4160230	WRKR_860	0.19	0.16	5.20	5.98	WORKER
558696.6741602	558696.7	4160240	WRKR_861	0.20	0.17	5.50	6.40	WORKER
558706.6741602	558706.7	4160230	WRKR_862	0.19	0.17	6.40	7.87	WORKER
558706.6741602	558706.7	4160240	WRKR_863	0.20	0.18	6.82	8.55	WORKER
558716.6741602	558716.7	4160230	WRKR_864	0.19	0.17	8.07	11.03	WORKER
558716.6741602	558716.7	4160240	WRKR_865	0.20	0.18	6.28	7.90	WORKER
558420.2141602	558420.2	4160236	WRKR_866	0.21	0.20	0.71	0.72	WORKER
558420.2141602	558420.2	4160246	WRKR_867	0.22	0.21	0.74	0.74	WORKER
558420.2141602	558420.2	4160256	WRKR_868	0.23	0.22	0.76	0.76	WORKER
558430.2141602	558430.2	4160236	WRKR_869	0.21	0.20	0.74	0.75	WORKER
558430.2141602	558430.2	4160246	WRKR_870	0.22	0.21	0.76	0.77	WORKER
558430.2141602	558430.2	4160256	WRKR_871	0.23	0.22	0.79	0.79	WORKER
558440.2141602	558440.2	4160236	WRKR_872	0.21	0.20	0.77	0.78	WORKER
558440.2141602	558440.2	4160246	WRKR_873	0.21	0.20	0.80	0.80	WORKER
558440.2141602	558440.2	4160256	WRKR_874	0.22	0.21	0.82	0.83	WORKER
558450.2141602	558450.2	4160236	WRKR_875	0.20	0.19	0.80	0.81	WORKER
558450.2141602	558450.2	4160246	WRKR_876	0.21	0.20	0.83	0.83	WORKER
558450.2141602	558450.2	4160256	WRKR_877	0.22	0.21	0.85	0.86	WORKER
558460.2141602	558460.2	4160236	WRKR_878	0.20	0.19	0.83	0.84	WORKER
558460.2141602	558460.2	4160246	WRKR_879	0.21	0.19	0.86	0.87	WORKER
558460.2141602	558460.2	4160256	WRKR_880	0.22	0.20	0.89	0.90	WORKER
558470.2141602	558470.2	4160236	WRKR_881	0.20	0.18	0.87	0.87	WORKER
558470.2141602	558470.2	4160246	WRKR_882	0.20	0.19	0.90	0.90	WORKER
558470.2141602	558470.2	4160256	WRKR_883	0.21	0.20	0.93	0.94	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558480.2141602	558480.2	4160236	WRKR_884	0.19	0.18	0.91	0.91	WORKER
558480.2141602	558480.2	4160246	WRKR_885	0.20	0.19	0.94	0.94	WORKER
558480.2141602	558480.2	4160256	WRKR_886	0.21	0.19	0.97	0.98	WORKER
558490.2141602	558490.2	4160236	WRKR_887	0.19	0.18	0.95	0.95	WORKER
558490.2141602	558490.2	4160246	WRKR_888	0.20	0.18	0.98	0.99	WORKER
558490.2141602	558490.2	4160256	WRKR_889	0.21	0.19	1.02	1.02	WORKER
558500.2141602	558500.2	4160236	WRKR_890	0.19	0.17	0.99	1.00	WORKER
558500.2141602	558500.2	4160246	WRKR_891	0.20	0.18	1.03	1.03	WORKER
558500.2141602	558500.2	4160256	WRKR_892	0.21	0.19	1.07	1.07	WORKER
558510.2141602	558510.2	4160236	WRKR_893	0.19	0.17	1.04	1.05	WORKER
558510.2141602	558510.2	4160246	WRKR_894	0.19	0.18	1.08	1.09	WORKER
558510.2141602	558510.2	4160256	WRKR_895	0.20	0.19	1.12	1.13	WORKER
558520.2141602	558520.2	4160236	WRKR_896	0.18	0.17	1.09	1.10	WORKER
558520.2141602	558520.2	4160246	WRKR_897	0.19	0.18	1.13	1.14	WORKER
558520.2141602	558520.2	4160256	WRKR_898	0.20	0.18	1.17	1.18	WORKER
558530.2141602	558530.2	4160236	WRKR_899	0.18	0.17	1.14	1.15	WORKER
558530.2141602	558530.2	4160246	WRKR_900	0.19	0.17	1.18	1.19	WORKER
558530.2141602	558530.2	4160256	WRKR_901	0.20	0.18	1.23	1.24	WORKER
558540.2141602	558540.2	4160236	WRKR_902	0.18	0.17	1.20	1.20	WORKER
558540.2141602	558540.2	4160246	WRKR_903	0.19	0.17	1.24	1.25	WORKER
558540.2141602	558540.2	4160256	WRKR_904	0.20	0.18	1.29	1.30	WORKER
558550.2141602	558550.2	4160236	WRKR_905	0.18	0.16	1.26	1.27	WORKER
558550.2141602	558550.2	4160246	WRKR_906	0.19	0.17	1.31	1.31	WORKER
558550.2141602	558550.2	4160256	WRKR_907	0.20	0.18	1.36	1.37	WORKER
558560.2141602	558560.2	4160236	WRKR_908	0.18	0.16	1.33	1.34	WORKER
558560.2141602	558560.2	4160246	WRKR_909	0.19	0.17	1.38	1.39	WORKER
558560.2141602	558560.2	4160256	WRKR_910	0.20	0.18	1.44	1.46	WORKER
558570.2141602	558570.2	4160236	WRKR_911	0.18	0.16	1.40	1.41	WORKER
558570.2141602	558570.2	4160246	WRKR_912	0.19	0.17	1.45	1.46	WORKER
558570.2141602	558570.2	4160256	WRKR_913	0.20	0.18	1.52	1.53	WORKER
558580.2141602	558580.2	4160236	WRKR_914	0.18	0.16	1.48	1.49	WORKER
558580.2141602	558580.2	4160246	WRKR_915	0.19	0.17	1.54	1.55	WORKER
558590.2141602	558590.2	4160236	WRKR_916	0.18	0.16	1.58	1.59	WORKER
558590.2141602	558590.2	4160246	WRKR_917	0.19	0.17	1.64	1.66	WORKER
558600.2141602	558600.2	4160246	WRKR_918	0.19	0.17	1.76	1.78	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
557996.3841607	557996.4	4160721	WRKR_1	1.64	1.61	0.21	0.21
557996.3841607	557996.4	4160731	WRKR_2	1.61	1.58	0.21	0.21
557996.3841607	557996.4	4160741	WRKR_3	1.56	1.54	0.21	0.21
558006.3841607	558006.4	4160711	WRKR_4	1.87	1.84	0.22	0.22
558006.3841607	558006.4	4160721	WRKR_5	1.84	1.82	0.22	0.22
558006.3841607	558006.4	4160731	WRKR_6	1.80	1.79	0.22	0.22
558006.3841607	558006.4	4160741	WRKR_7	1.76	1.74	0.22	0.22
558016.3841607	558016.4	4160711	WRKR_8	2.13	2.12	0.23	0.23
558016.3841607	558016.4	4160721	WRKR_9	2.09	2.09	0.23	0.23
558016.3841607	558016.4	4160731	WRKR_10	2.04	2.03	0.23	0.23
558016.3841607	558016.4	4160741	WRKR_11	1.97	1.97	0.22	0.22
558026.3841607	558026.4	4160711	WRKR_12	2.43	2.44	0.24	0.24
558026.3841607	558026.4	4160721	WRKR_13	2.39	2.41	0.24	0.24
558026.3841607	558026.4	4160731	WRKR_14	2.32	2.34	0.23	0.23
558026.3841607	558026.4	4160741	WRKR_15	2.23	2.26	0.23	0.23
558277.5341605	558277.5	4160581	WRKR_16	6.43	6.98	1.16	1.18
558277.5341605	558277.5	4160591	WRKR_17	7.75	8.68	1.19	1.22
558287.5341605	558287.5	4160581	WRKR_18	6.26	6.71	1.31	1.34
558287.5341605	558287.5	4160591	WRKR_19	7.46	8.23	1.35	1.40
558297.5341605	558297.5	4160581	WRKR_20	6.05	6.44	1.49	1.54
558297.5341605	558297.5	4160591	WRKR_21	7.18	7.83	1.55	1.62
558307.5341605	558307.5	4160581	WRKR_22	5.79	6.16	1.72	1.79
558307.5341605	558307.5	4160591	WRKR_23	6.90	7.47	1.81	1.92
558317.5341605	558317.5	4160581	WRKR_24	5.55	5.89	1.98	2.10
558317.5341605	558317.5	4160591	WRKR_25	6.63	7.14	2.13	2.31
558327.5341605	558327.5	4160581	WRKR_26	5.31	5.63	2.29	2.46
558327.5341605	558327.5	4160591	WRKR_27	6.36	6.81	2.54	2.81
558337.5341605	558337.5	4160581	WRKR_28	5.04	5.35	2.60	2.83
558101.0541605	558101.1	4160547	WRKR_29	2.85	2.87	0.34	0.34
558101.0541605	558101.1	4160557	WRKR_30	3.11	3.14	0.34	0.34
558111.0541605	558111.1	4160547	WRKR_31	3.03	3.06	0.35	0.36
558111.0541605	558111.1	4160557	WRKR_32	3.32	3.36	0.35	0.36
558111.0541605	558111.1	4160567	WRKR_33	3.65	3.71	0.36	0.36
558121.0541605	558121.1	4160537	WRKR_34	2.93	2.95	0.37	0.37
558121.0541605	558121.1	4160547	WRKR_35	3.21	3.25	0.37	0.37
558121.0541605	558121.1	4160557	WRKR_36	3.54	3.59	0.37	0.38
558121.0541605	558121.1	4160567	WRKR_37	3.91	3.98	0.37	0.38
558121.0541605	558121.1	4160577	WRKR_38	4.34	4.46	0.37	0.38
558121.0541605	558121.1	4160587	WRKR_39	4.82	5.03	0.37	0.38
558131.0541605	558131.1	4160527	WRKR_40	2.79	2.82	0.38	0.38
558131.0541605	558131.1	4160537	WRKR_41	3.08	3.11	0.38	0.39
558131.0541605	558131.1	4160547	WRKR_42	3.39	3.44	0.39	0.39
558131.0541605	558131.1	4160557	WRKR_43	3.76	3.83	0.39	0.39
558131.0541605	558131.1	4160567	WRKR_44	4.17	4.28	0.39	0.40
558131.0541605	558131.1	4160577	WRKR_45	4.66	4.83	0.39	0.40
558131.0541605	558131.1	4160587	WRKR_46	5.21	5.49	0.39	0.40
558131.0541605	558131.1	4160597	WRKR_47	5.85	6.30	0.39	0.40
558141.0541605	558141.1	4160527	WRKR_48	2.91	2.94	0.40	0.40
558141.0541605	558141.1	4160537	WRKR_49	3.22	3.26	0.40	0.41
558141.0541605	558141.1	4160547	WRKR_50	3.57	3.64	0.41	0.41
558141.0541605	558141.1	4160557	WRKR_51	3.97	4.08	0.41	0.41
558141.0541605	558141.1	4160567	WRKR_52	4.45	4.60	0.41	0.42

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558141.0541605	558141.1	4160577	WRKR_53	4.99	5.23	0.41	0.42
558141.0541605	558141.1	4160587	WRKR_54	5.62	6.00	0.42	0.42
558141.0541605	558141.1	4160597	WRKR_55	6.34	6.96	0.42	0.42
558141.0541606	558141.1	4160607	WRKR_56	7.16	8.18	0.42	0.42
558151.0541605	558151.1	4160537	WRKR_57	3.35	3.41	0.43	0.43
558151.0541605	558151.1	4160547	WRKR_58	3.74	3.83	0.43	0.43
558151.0541605	558151.1	4160557	WRKR_59	4.19	4.33	0.43	0.44
558151.0541605	558151.1	4160567	WRKR_60	4.72	4.93	0.43	0.44
558151.0541605	558151.1	4160577	WRKR_61	5.34	5.66	0.44	0.44
558151.0541605	558151.1	4160587	WRKR_62	6.05	6.57	0.44	0.44
558151.0541605	558151.1	4160597	WRKR_63	6.93	7.72	0.44	0.44
558151.0541606	558151.1	4160607	WRKR_64	7.94	9.19	0.44	0.44
558151.0541606	558151.1	4160617	WRKR_65	9.07	11.15	0.44	0.44
558161.0541605	558161.1	4160547	WRKR_66	3.93	4.01	0.45	0.46
558161.0541605	558161.1	4160557	WRKR_67	4.40	4.59	0.46	0.46
558161.0541605	558161.1	4160567	WRKR_68	5.00	5.29	0.46	0.46
558161.0541605	558161.1	4160577	WRKR_69	5.69	6.14	0.46	0.47
558161.0541605	558161.1	4160587	WRKR_70	6.50	7.23	0.46	0.47
558161.0541605	558161.1	4160597	WRKR_71	7.60	8.59	0.46	0.47
558161.0541606	558161.1	4160607	WRKR_72	8.69	10.38	0.46	0.47
558171.0541605	558171.1	4160557	WRKR_73	4.65	4.82	0.48	0.49
558171.0541605	558171.1	4160567	WRKR_74	5.26	5.65	0.49	0.49
558171.0541605	558171.1	4160577	WRKR_75	6.03	6.67	0.49	0.49
558171.0541605	558171.1	4160587	WRKR_76	6.94	7.98	0.49	0.50
558171.0541605	558171.1	4160597	WRKR_77	8.21	9.65	0.49	0.50
558181.0541605	558181.1	4160567	WRKR_78	5.56	5.99	0.52	0.52
558181.0541605	558181.1	4160577	WRKR_79	6.37	7.22	0.52	0.52
558181.0541605	558181.1	4160587	WRKR_80	7.41	8.84	0.52	0.53
558191.0541605	558191.1	4160577	WRKR_81	6.65	7.56	0.55	0.55
558368.5441605	558368.5	4160582	WRKR_82	4.44	4.66	3.62	4.07
558378.5441605	558378.5	4160582	WRKR_83	4.20	4.39	3.81	4.31
558378.5441605	558378.5	4160592	WRKR_84	4.76	5.07	4.64	5.51
558378.5441606	558378.5	4160602	WRKR_85	5.36	5.86	5.68	7.25
558378.5441606	558378.5	4160612	WRKR_86	6.25	7.03	7.61	6.95
558388.5441605	558388.5	4160582	WRKR_87	3.93	4.10	4.00	4.53
558388.5441605	558388.5	4160592	WRKR_88	4.42	4.68	4.91	5.83
558388.5441606	558388.5	4160602	WRKR_89	4.94	5.38	6.05	7.70
558388.5441606	558388.5	4160612	WRKR_90	5.74	6.42	5.37	7.05
558398.5441605	558398.5	4160582	WRKR_91	3.63	3.79	4.22	4.74
558398.5441605	558398.5	4160592	WRKR_92	4.06	4.31	5.07	6.01
558398.5441606	558398.5	4160602	WRKR_93	4.57	4.95	6.39	8.11
558398.5441606	558398.5	4160612	WRKR_94	5.26	5.83	5.96	7.77
558186.7841604	558186.8	4160496	WRKR_95	2.22	2.23	0.49	0.49
558186.7841605	558186.8	4160506	WRKR_96	2.44	2.45	0.49	0.49
558196.7841604	558196.8	4160496	WRKR_97	2.23	2.22	0.52	0.52
558196.7841605	558196.8	4160506	WRKR_98	2.44	2.44	0.52	0.53
558196.7841605	558196.8	4160516	WRKR_99	2.71	2.72	0.53	0.53
558196.7841605	558196.8	4160526	WRKR_100	3.07	3.10	0.54	0.54
558206.7841605	558206.8	4160506	WRKR_101	2.43	2.42	0.56	0.56
558206.7841605	558206.8	4160516	WRKR_102	2.71	2.71	0.57	0.57
558206.7841605	558206.8	4160526	WRKR_103	3.04	3.05	0.57	0.58
558206.7841605	558206.8	4160536	WRKR_104	3.47	3.52	0.58	0.58

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558216.7841605	558216.8	4160516	WRKR_105	2.69	2.67	0.61	0.61
558216.7841605	558216.8	4160526	WRKR_106	3.01	3.00	0.62	0.62
558216.7841605	558216.8	4160536	WRKR_107	3.40	3.42	0.62	0.63
558216.7841605	558216.8	4160546	WRKR_108	3.90	3.97	0.63	0.63
558226.7841605	558226.8	4160526	WRKR_109	2.97	2.94	0.66	0.66
558226.7841605	558226.8	4160536	WRKR_110	3.36	3.35	0.67	0.67
558226.7841605	558226.8	4160546	WRKR_111	3.85	3.88	0.68	0.68
558236.7841605	558236.8	4160536	WRKR_112	3.27	3.25	0.72	0.73
558115.1741604	558115.2	4160403	WRKR_113	1.03	1.05	0.31	0.32
558115.174160	558115.2	4160413	WRKR_114	1.10	1.12	0.32	0.32
558115.174160	558115.2	4160423	WRKR_115	1.17	1.20	0.32	0.32
558115.174160	558115.2	4160433	WRKR_116	1.26	1.28	0.32	0.32
558115.174160	558115.2	4160443	WRKR_117	1.35	1.37	0.33	0.33
558125.1741603	558125.2	4160393	WRKR_118	0.97	1.00	0.32	0.33
558125.1741604	558125.2	4160403	WRKR_119	1.04	1.06	0.33	0.33
558125.174160	558125.2	4160413	WRKR_120	1.11	1.13	0.33	0.33
558125.174160	558125.2	4160423	WRKR_121	1.19	1.21	0.33	0.34
558125.174160	558125.2	4160433	WRKR_122	1.28	1.30	0.34	0.34
558125.174160	558125.2	4160443	WRKR_123	1.37	1.39	0.34	0.34
558135.174160	558135.2	4160373	WRKR_124	0.86	0.88	0.33	0.33
558135.174160	558135.2	4160383	WRKR_125	0.92	0.94	0.33	0.34
558135.174160	558135.2	4160393	WRKR_126	0.98	1.00	0.34	0.34
558135.1741604	558135.2	4160403	WRKR_127	1.05	1.06	0.34	0.34
558135.174160	558135.2	4160413	WRKR_128	1.12	1.14	0.35	0.35
558135.174160	558135.2	4160423	WRKR_129	1.20	1.22	0.35	0.35
558135.174160	558135.2	4160433	WRKR_130	1.29	1.31	0.35	0.35
558135.174160	558135.2	4160443	WRKR_131	1.39	1.41	0.36	0.36
558145.174160	558145.2	4160373	WRKR_132	0.86	0.88	0.34	0.35
558145.174160	558145.2	4160383	WRKR_133	0.92	0.93	0.35	0.35
558145.174160	558145.2	4160393	WRKR_134	0.98	1.00	0.35	0.35
558145.1741604	558145.2	4160403	WRKR_135	1.05	1.06	0.36	0.36
558145.174160	558145.2	4160413	WRKR_136	1.13	1.14	0.36	0.36
558145.174160	558145.2	4160423	WRKR_137	1.21	1.22	0.37	0.37
558145.174160	558145.2	4160433	WRKR_138	1.30	1.32	0.37	0.37
558145.174160	558145.2	4160443	WRKR_139	1.40	1.42	0.37	0.37
558155.174160	558155.2	4160373	WRKR_140	0.86	0.87	0.36	0.36
558155.174160	558155.2	4160383	WRKR_141	0.92	0.93	0.36	0.36
558155.174160	558155.2	4160393	WRKR_142	0.98	0.99	0.37	0.37
558155.1741604	558155.2	4160403	WRKR_143	1.05	1.06	0.37	0.37
558155.174160	558155.2	4160413	WRKR_144	1.13	1.14	0.38	0.38
558155.174160	558155.2	4160423	WRKR_145	1.21	1.22	0.38	0.38
558155.174160	558155.2	4160433	WRKR_146	1.31	1.32	0.39	0.39
558155.174160	558155.2	4160443	WRKR_147	1.41	1.42	0.39	0.39
558165.174160	558165.2	4160363	WRKR_148	0.80	0.81	0.37	0.37
558165.174160	558165.2	4160373	WRKR_149	0.85	0.86	0.37	0.38
558165.174160	558165.2	4160383	WRKR_150	0.91	0.92	0.38	0.38
558165.174160	558165.2	4160393	WRKR_151	0.97	0.98	0.38	0.39
558165.1741604	558165.2	4160403	WRKR_152	1.04	1.05	0.39	0.39
558165.174160	558165.2	4160413	WRKR_153	1.12	1.13	0.39	0.40
558165.174160	558165.2	4160423	WRKR_154	1.21	1.22	0.40	0.40
558165.174160	558165.2	4160433	WRKR_155	1.30	1.31	0.41	0.41
558175.174160	558175.2	4160363	WRKR_156	0.79	0.79	0.38	0.39

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558175.1741603	558175.2	4160373	WRKR_157	0.84	0.85	0.39	0.39
558175.1741603	558175.2	4160383	WRKR_158	0.90	0.91	0.39	0.40
558175.1741603	558175.2	4160393	WRKR_159	0.96	0.97	0.40	0.40
558175.1741604	558175.2	4160403	WRKR_160	1.03	1.04	0.41	0.41
558175.1741604	558175.2	4160413	WRKR_161	1.11	1.12	0.41	0.42
558175.1741604	558175.2	4160423	WRKR_162	1.20	1.21	0.42	0.42
558185.1741603	558185.2	4160363	WRKR_163	0.78	0.78	0.40	0.40
558185.1741603	558185.2	4160373	WRKR_164	0.83	0.83	0.41	0.41
558185.1741603	558185.2	4160383	WRKR_165	0.89	0.89	0.41	0.42
558185.1741603	558185.2	4160393	WRKR_166	0.95	0.96	0.42	0.42
558185.1741604	558185.2	4160403	WRKR_167	1.02	1.03	0.43	0.43
558185.1741604	558185.2	4160413	WRKR_168	1.10	1.10	0.43	0.44
558185.1741604	558185.2	4160423	WRKR_169	1.19	1.19	0.44	0.44
558185.1741604	558185.2	4160433	WRKR_170	1.28	1.29	0.45	0.45
558185.1741604	558185.2	4160443	WRKR_171	1.39	1.40	0.45	0.46
558195.1741603	558195.2	4160363	WRKR_172	0.77	0.76	0.42	0.42
558195.1741603	558195.2	4160373	WRKR_173	0.82	0.82	0.42	0.43
558195.1741603	558195.2	4160383	WRKR_174	0.87	0.87	0.43	0.43
558195.1741603	558195.2	4160393	WRKR_175	0.94	0.94	0.44	0.44
558195.1741604	558195.2	4160403	WRKR_176	1.01	1.01	0.45	0.45
558195.1741604	558195.2	4160413	WRKR_177	1.08	1.08	0.45	0.46
558195.1741604	558195.2	4160423	WRKR_178	1.17	1.17	0.46	0.46
558195.1741604	558195.2	4160433	WRKR_179	1.26	1.26	0.47	0.47
558195.1741604	558195.2	4160443	WRKR_180	1.37	1.37	0.48	0.48
558195.1741604	558195.2	4160453	WRKR_181	1.48	1.49	0.48	0.49
558205.1741603	558205.2	4160363	WRKR_182	0.75	0.75	0.43	0.44
558205.1741603	558205.2	4160373	WRKR_183	0.80	0.80	0.44	0.45
558205.1741603	558205.2	4160383	WRKR_184	0.86	0.85	0.45	0.45
558205.1741603	558205.2	4160393	WRKR_185	0.92	0.92	0.46	0.46
558205.1741604	558205.2	4160403	WRKR_186	0.99	0.98	0.47	0.47
558205.1741604	558205.2	4160413	WRKR_187	1.06	1.06	0.48	0.48
558205.1741604	558205.2	4160423	WRKR_188	1.15	1.14	0.49	0.49
558205.1741604	558205.2	4160433	WRKR_189	1.24	1.24	0.49	0.50
558205.1741604	558205.2	4160443	WRKR_190	1.34	1.34	0.50	0.51
558205.1741604	558205.2	4160453	WRKR_191	1.46	1.46	0.51	0.51
558205.1741604	558205.2	4160463	WRKR_192	1.59	1.60	0.52	0.52
558215.1741603	558215.2	4160363	WRKR_193	0.73	0.73	0.45	0.46
558215.1741603	558215.2	4160373	WRKR_194	0.78	0.78	0.46	0.47
558215.1741603	558215.2	4160383	WRKR_195	0.84	0.83	0.47	0.48
558215.1741603	558215.2	4160393	WRKR_196	0.90	0.89	0.48	0.49
558215.1741604	558215.2	4160403	WRKR_197	0.97	0.96	0.49	0.49
558215.1741604	558215.2	4160413	WRKR_198	1.04	1.03	0.50	0.50
558215.1741604	558215.2	4160423	WRKR_199	1.12	1.12	0.51	0.51
558215.1741604	558215.2	4160433	WRKR_200	1.21	1.21	0.52	0.52
558215.1741604	558215.2	4160443	WRKR_201	1.31	1.31	0.53	0.53
558215.1741604	558215.2	4160453	WRKR_202	1.43	1.43	0.54	0.54
558215.1741604	558215.2	4160463	WRKR_203	1.55	1.56	0.55	0.55
558215.1741604	558215.2	4160473	WRKR_204	1.70	1.71	0.56	0.56
558225.1741603	558225.2	4160363	WRKR_205	0.72	0.71	0.47	0.48
558225.1741603	558225.2	4160373	WRKR_206	0.77	0.76	0.48	0.49
558225.1741603	558225.2	4160383	WRKR_207	0.82	0.81	0.49	0.50
558225.1741603	558225.2	4160393	WRKR_208	0.88	0.87	0.50	0.51

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558225.1741604	558225.2	4160403	WRKR_209	0.94	0.93	0.51	0.52
558225.174160	558225.2	4160413	WRKR_210	1.01	1.01	0.53	0.53
558225.174160	558225.2	4160423	WRKR_211	1.09	1.09	0.54	0.54
558225.174160	558225.2	4160433	WRKR_212	1.18	1.17	0.55	0.55
558225.174160	558225.2	4160443	WRKR_213	1.28	1.27	0.56	0.56
558225.174160	558225.2	4160453	WRKR_214	1.39	1.39	0.57	0.58
558225.1741604	558225.2	4160463	WRKR_215	1.52	1.51	0.58	0.59
558225.174160	558225.2	4160473	WRKR_216	1.66	1.66	0.59	0.60
558225.174160	558225.2	4160483	WRKR_217	1.82	1.83	0.60	0.61
558235.1741603	558235.2	4160363	WRKR_218	0.70	0.69	0.49	0.50
558235.174160	558235.2	4160373	WRKR_219	0.75	0.74	0.50	0.51
558235.174160	558235.2	4160383	WRKR_220	0.80	0.79	0.52	0.52
558235.174160	558235.2	4160393	WRKR_221	0.86	0.84	0.53	0.53
558235.1741604	558235.2	4160403	WRKR_222	0.92	0.91	0.54	0.54
558235.174160	558235.2	4160413	WRKR_223	0.99	0.98	0.55	0.56
558235.174160	558235.2	4160423	WRKR_224	1.07	1.05	0.56	0.57
558235.174160	558235.2	4160433	WRKR_225	1.15	1.14	0.58	0.58
558235.174160	558235.2	4160443	WRKR_226	1.25	1.24	0.59	0.60
558235.174160	558235.2	4160453	WRKR_227	1.36	1.35	0.60	0.61
558235.1741604	558235.2	4160463	WRKR_228	1.48	1.47	0.62	0.62
558235.174160	558235.2	4160473	WRKR_229	1.62	1.61	0.63	0.64
558235.174160	558235.2	4160483	WRKR_230	1.78	1.77	0.64	0.65
558235.174160	558235.2	4160493	WRKR_231	1.96	1.96	0.65	0.66
558245.1741603	558245.2	4160363	WRKR_232	0.68	0.67	0.52	0.52
558245.174160	558245.2	4160373	WRKR_233	0.73	0.71	0.53	0.53
558245.174160	558245.2	4160383	WRKR_234	0.78	0.76	0.54	0.55
558245.174160	558245.2	4160393	WRKR_235	0.83	0.82	0.55	0.56
558245.1741604	558245.2	4160403	WRKR_236	0.89	0.88	0.57	0.57
558245.174160	558245.2	4160413	WRKR_237	0.96	0.95	0.58	0.59
558245.174160	558245.2	4160423	WRKR_238	1.04	1.02	0.59	0.60
558245.174160	558245.2	4160433	WRKR_239	1.12	1.11	0.61	0.61
558245.174160	558245.2	4160443	WRKR_240	1.21	1.20	0.62	0.63
558245.174160	558245.2	4160453	WRKR_241	1.32	1.30	0.64	0.64
558245.1741604	558245.2	4160463	WRKR_242	1.44	1.42	0.65	0.66
558245.174160	558245.2	4160473	WRKR_243	1.58	1.56	0.67	0.68
558245.174160	558245.2	4160483	WRKR_244	1.73	1.71	0.68	0.69
558245.174160	558245.2	4160493	WRKR_245	1.91	1.89	0.70	0.71
558245.1741605	558245.2	4160503	WRKR_246	2.11	2.10	0.71	0.72
558255.1741603	558255.2	4160363	WRKR_247	0.66	0.65	0.54	0.54
558255.174160	558255.2	4160373	WRKR_248	0.71	0.69	0.55	0.56
558255.174160	558255.2	4160383	WRKR_249	0.76	0.74	0.57	0.57
558255.174160	558255.2	4160393	WRKR_250	0.81	0.79	0.58	0.58
558255.1741604	558255.2	4160403	WRKR_251	0.87	0.85	0.59	0.60
558255.174160	558255.2	4160413	WRKR_252	0.93	0.92	0.61	0.62
558255.174160	558255.2	4160423	WRKR_253	1.01	0.99	0.62	0.63
558255.174160	558255.2	4160433	WRKR_254	1.09	1.07	0.64	0.65
558255.174160	558255.2	4160443	WRKR_255	1.18	1.16	0.66	0.66
558255.174160	558255.2	4160453	WRKR_256	1.28	1.26	0.67	0.68
558255.1741604	558255.2	4160463	WRKR_257	1.40	1.38	0.69	0.70
558255.174160	558255.2	4160473	WRKR_258	1.53	1.51	0.71	0.72
558255.174160	558255.2	4160483	WRKR_259	1.68	1.66	0.73	0.74
558255.174160	558255.2	4160493	WRKR_260	1.86	1.83	0.75	0.76

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558255.1741605	558255.2	4160503	WRKR_261	2.05	2.04	0.76	0.77
558255.1741605	558255.2	4160513	WRKR_262	2.28	2.28	0.78	0.79
558265.1741603	558265.2	4160363	WRKR_263	0.64	0.63	0.56	0.57
558265.1741603	558265.2	4160373	WRKR_264	0.69	0.67	0.58	0.58
558265.1741603	558265.2	4160383	WRKR_265	0.73	0.72	0.59	0.60
558265.1741603	558265.2	4160393	WRKR_266	0.78	0.77	0.61	0.61
558265.1741604	558265.2	4160403	WRKR_267	0.84	0.83	0.62	0.63
558265.1741604	558265.2	4160413	WRKR_268	0.90	0.89	0.64	0.65
558265.1741604	558265.2	4160423	WRKR_269	0.98	0.96	0.66	0.66
558265.1741604	558265.2	4160433	WRKR_270	1.05	1.03	0.68	0.68
558265.1741604	558265.2	4160443	WRKR_271	1.14	1.12	0.69	0.70
558265.1741604	558265.2	4160453	WRKR_272	1.24	1.22	0.71	0.72
558265.1741604	558265.2	4160463	WRKR_273	1.35	1.33	0.73	0.74
558265.1741604	558265.2	4160473	WRKR_274	1.48	1.46	0.75	0.76
558265.1741604	558265.2	4160483	WRKR_275	1.63	1.60	0.78	0.79
558265.1741604	558265.2	4160493	WRKR_276	1.80	1.77	0.80	0.81
558265.1741605	558265.2	4160503	WRKR_277	2.01	1.97	0.82	0.83
558265.1741605	558265.2	4160513	WRKR_278	2.23	2.21	0.84	0.85
558265.1741605	558265.2	4160523	WRKR_279	2.50	2.49	0.86	0.88
558275.1741603	558275.2	4160363	WRKR_280	0.62	0.61	0.59	0.59
558275.1741603	558275.2	4160373	WRKR_281	0.67	0.65	0.60	0.61
558275.1741603	558275.2	4160383	WRKR_282	0.71	0.70	0.62	0.62
558275.1741603	558275.2	4160393	WRKR_283	0.76	0.74	0.64	0.64
558275.1741604	558275.2	4160403	WRKR_284	0.82	0.80	0.65	0.66
558275.1741604	558275.2	4160413	WRKR_285	0.88	0.86	0.67	0.68
558275.1741604	558275.2	4160423	WRKR_286	0.94	0.92	0.69	0.70
558275.1741604	558275.2	4160433	WRKR_287	1.02	1.00	0.71	0.72
558275.1741604	558275.2	4160443	WRKR_288	1.11	1.08	0.73	0.74
558275.1741604	558275.2	4160453	WRKR_289	1.20	1.18	0.75	0.76
558275.1741604	558275.2	4160463	WRKR_290	1.31	1.28	0.78	0.79
558275.1741604	558275.2	4160473	WRKR_291	1.44	1.41	0.80	0.81
558275.1741604	558275.2	4160483	WRKR_292	1.58	1.55	0.83	0.84
558275.1741604	558275.2	4160493	WRKR_293	1.75	1.71	0.85	0.87
558275.1741605	558275.2	4160503	WRKR_294	1.95	1.91	0.88	0.89
558275.1741605	558275.2	4160513	WRKR_295	2.19	2.14	0.91	0.92
558275.1741605	558275.2	4160523	WRKR_296	2.47	2.43	0.94	0.95
558275.1741605	558275.2	4160533	WRKR_297	2.80	2.79	0.97	0.98
558285.1741603	558285.2	4160363	WRKR_298	0.60	0.59	0.61	0.62
558285.1741603	558285.2	4160373	WRKR_299	0.64	0.63	0.63	0.63
558285.1741603	558285.2	4160383	WRKR_300	0.69	0.67	0.65	0.65
558285.1741603	558285.2	4160393	WRKR_301	0.74	0.72	0.66	0.67
558285.1741604	558285.2	4160403	WRKR_302	0.79	0.77	0.68	0.69
558285.1741604	558285.2	4160413	WRKR_303	0.85	0.83	0.71	0.71
558285.1741604	558285.2	4160423	WRKR_304	0.91	0.89	0.73	0.74
558285.1741604	558285.2	4160433	WRKR_305	0.99	0.96	0.75	0.76
558285.1741604	558285.2	4160443	WRKR_306	1.07	1.04	0.77	0.78
558285.1741604	558285.2	4160453	WRKR_307	1.17	1.13	0.80	0.81
558285.1741604	558285.2	4160463	WRKR_308	1.27	1.24	0.82	0.84
558285.1741604	558285.2	4160473	WRKR_309	1.40	1.36	0.85	0.86
558285.1741604	558285.2	4160483	WRKR_310	1.54	1.50	0.88	0.89
558285.1741604	558285.2	4160493	WRKR_311	1.70	1.66	0.91	0.93
558285.1741605	558285.2	4160503	WRKR_312	1.90	1.85	0.95	0.96

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558285.1741605	558285.2	4160513	WRKR_313	2.14	2.09	0.98	1.00
558285.1741605	558285.2	4160523	WRKR_314	2.43	2.38	1.02	1.03
558285.1741605	558285.2	4160533	WRKR_315	2.76	2.74	1.05	1.07
558295.1741603	558295.2	4160363	WRKR_316	0.58	0.57	0.64	0.64
558295.1741603	558295.2	4160373	WRKR_317	0.62	0.61	0.66	0.66
558295.1741603	558295.2	4160383	WRKR_318	0.67	0.65	0.67	0.68
558295.1741603	558295.2	4160393	WRKR_319	0.71	0.69	0.70	0.70
558295.1741604	558295.2	4160403	WRKR_320	0.76	0.74	0.72	0.72
558295.1741604	558295.2	4160413	WRKR_321	0.82	0.80	0.74	0.75
558295.1741604	558295.2	4160423	WRKR_322	0.88	0.86	0.76	0.77
558295.1741604	558295.2	4160433	WRKR_323	0.96	0.93	0.79	0.80
558295.1741604	558295.2	4160443	WRKR_324	1.04	1.01	0.82	0.83
558295.1741604	558295.2	4160453	WRKR_325	1.13	1.09	0.84	0.86
558295.1741604	558295.2	4160463	WRKR_326	1.24	1.19	0.87	0.89
558295.1741604	558295.2	4160473	WRKR_327	1.36	1.31	0.91	0.92
558295.1741604	558295.2	4160483	WRKR_328	1.50	1.45	0.94	0.95
558295.1741604	558295.2	4160493	WRKR_329	1.66	1.61	0.97	0.99
558295.1741605	558295.2	4160503	WRKR_330	1.86	1.80	1.01	1.03
558295.1741605	558295.2	4160513	WRKR_331	2.10	2.04	1.06	1.08
558295.1741605	558295.2	4160523	WRKR_332	2.38	2.33	1.10	1.12
558295.1741605	558295.2	4160533	WRKR_333	2.72	2.70	1.15	1.17
558305.1741603	558305.2	4160363	WRKR_334	0.57	0.55	0.66	0.67
558305.1741603	558305.2	4160373	WRKR_335	0.60	0.59	0.68	0.69
558305.1741603	558305.2	4160383	WRKR_336	0.64	0.62	0.70	0.71
558305.1741603	558305.2	4160393	WRKR_337	0.69	0.67	0.73	0.73
558305.1741604	558305.2	4160403	WRKR_338	0.74	0.71	0.75	0.76
558305.1741604	558305.2	4160413	WRKR_339	0.79	0.77	0.77	0.78
558305.1741604	558305.2	4160423	WRKR_340	0.86	0.83	0.80	0.81
558305.1741604	558305.2	4160433	WRKR_341	0.93	0.89	0.83	0.84
558305.1741604	558305.2	4160443	WRKR_342	1.01	0.97	0.86	0.87
558305.1741604	558305.2	4160453	WRKR_343	1.10	1.05	0.89	0.90
558305.1741604	558305.2	4160463	WRKR_344	1.20	1.15	0.92	0.94
558305.1741604	558305.2	4160473	WRKR_345	1.32	1.27	0.96	0.97
558305.1741604	558305.2	4160483	WRKR_346	1.46	1.40	1.00	1.02
558305.1741604	558305.2	4160493	WRKR_347	1.62	1.56	1.04	1.06
558305.1741605	558305.2	4160503	WRKR_348	1.82	1.75	1.09	1.11
558305.1741605	558305.2	4160513	WRKR_349	2.05	1.99	1.14	1.16
558305.1741605	558305.2	4160523	WRKR_350	2.34	2.29	1.19	1.22
558305.1741605	558305.2	4160533	WRKR_351	2.68	2.66	1.25	1.28
558315.1741603	558315.2	4160363	WRKR_352	0.55	0.53	0.69	0.70
558315.1741603	558315.2	4160373	WRKR_353	0.58	0.56	0.71	0.72
558315.1741603	558315.2	4160383	WRKR_354	0.62	0.60	0.73	0.74
558315.1741603	558315.2	4160393	WRKR_355	0.66	0.64	0.76	0.77
558315.1741604	558315.2	4160403	WRKR_356	0.71	0.69	0.78	0.79
558315.1741604	558315.2	4160413	WRKR_357	0.77	0.74	0.81	0.82
558315.1741604	558315.2	4160423	WRKR_358	0.83	0.79	0.84	0.85
558315.1741604	558315.2	4160433	WRKR_359	0.90	0.86	0.87	0.88
558315.1741604	558315.2	4160443	WRKR_360	0.97	0.93	0.90	0.91
558315.1741604	558315.2	4160453	WRKR_361	1.06	1.01	0.94	0.95
558315.1741604	558315.2	4160463	WRKR_362	1.16	1.11	0.98	0.99
558315.1741604	558315.2	4160473	WRKR_363	1.28	1.22	1.02	1.03
558315.1741604	558315.2	4160483	WRKR_364	1.42	1.36	1.06	1.08

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558315.1741604	558315.2	4160493	WRKR_365	1.58	1.51	1.11	1.13
558315.1741605	558315.2	4160503	WRKR_366	1.78	1.71	1.16	1.19
558315.1741605	558315.2	4160513	WRKR_367	2.01	1.95	1.22	1.25
558315.1741605	558315.2	4160523	WRKR_368	2.30	2.24	1.29	1.32
558315.1741605	558315.2	4160533	WRKR_369	2.63	2.61	1.36	1.40
558325.1741603	558325.2	4160363	WRKR_370	0.53	0.51	0.72	0.73
558325.1741603	558325.2	4160373	WRKR_371	0.56	0.54	0.74	0.75
558325.1741603	558325.2	4160383	WRKR_372	0.60	0.58	0.76	0.77
558325.1741603	558325.2	4160393	WRKR_373	0.64	0.61	0.79	0.80
558325.1741604	558325.2	4160403	WRKR_374	0.69	0.66	0.82	0.83
558325.1741604	558325.2	4160413	WRKR_375	0.74	0.71	0.85	0.86
558325.1741604	558325.2	4160423	WRKR_376	0.80	0.76	0.88	0.89
558325.1741604	558325.2	4160433	WRKR_377	0.87	0.82	0.91	0.92
558325.1741604	558325.2	4160443	WRKR_378	0.94	0.89	0.95	0.96
558325.1741604	558325.2	4160453	WRKR_379	1.03	0.98	0.99	1.00
558325.1741604	558325.2	4160463	WRKR_380	1.13	1.07	1.03	1.04
558325.1741604	558325.2	4160473	WRKR_381	1.25	1.18	1.07	1.09
558325.1741604	558325.2	4160483	WRKR_382	1.38	1.31	1.12	1.14
558325.1741604	558325.2	4160493	WRKR_383	1.55	1.47	1.18	1.20
558325.1741605	558325.2	4160503	WRKR_384	1.74	1.67	1.24	1.27
558325.1741605	558325.2	4160513	WRKR_385	1.98	1.90	1.31	1.34
558325.1741605	558325.2	4160523	WRKR_386	2.26	2.20	1.39	1.43
558325.1741605	558325.2	4160533	WRKR_387	2.58	2.57	1.48	1.52
558335.1741603	558335.2	4160363	WRKR_388	0.51	0.49	0.75	0.75
558335.1741603	558335.2	4160373	WRKR_389	0.54	0.52	0.77	0.78
558335.1741603	558335.2	4160383	WRKR_390	0.58	0.55	0.80	0.80
558335.1741603	558335.2	4160393	WRKR_391	0.62	0.59	0.82	0.83
558335.1741604	558335.2	4160403	WRKR_392	0.66	0.63	0.85	0.86
558335.1741604	558335.2	4160413	WRKR_393	0.72	0.68	0.88	0.89
558335.1741604	558335.2	4160423	WRKR_394	0.77	0.73	0.92	0.93
558335.1741604	558335.2	4160433	WRKR_395	0.84	0.79	0.95	0.96
558335.1741604	558335.2	4160443	WRKR_396	0.91	0.86	0.99	1.00
558335.1741604	558335.2	4160453	WRKR_397	1.00	0.94	1.03	1.05
558335.1741604	558335.2	4160463	WRKR_398	1.10	1.03	1.08	1.09
558335.1741604	558335.2	4160473	WRKR_399	1.21	1.14	1.13	1.15
558335.1741604	558335.2	4160483	WRKR_400	1.35	1.27	1.18	1.20
558335.1741604	558335.2	4160493	WRKR_401	1.51	1.43	1.25	1.27
558335.1741605	558335.2	4160503	WRKR_402	1.70	1.62	1.32	1.35
558335.1741605	558335.2	4160513	WRKR_403	1.93	1.86	1.40	1.43
558335.1741605	558335.2	4160523	WRKR_404	2.21	2.16	1.49	1.53
558335.1741605	558335.2	4160533	WRKR_405	2.52	2.51	1.59	1.65
558345.1741603	558345.2	4160363	WRKR_406	0.49	0.47	0.78	0.78
558345.1741603	558345.2	4160373	WRKR_407	0.52	0.50	0.80	0.81
558345.1741603	558345.2	4160383	WRKR_408	0.56	0.53	0.83	0.84
558345.1741603	558345.2	4160393	WRKR_409	0.60	0.56	0.86	0.87
558345.1741604	558345.2	4160403	WRKR_410	0.64	0.60	0.89	0.90
558345.1741604	558345.2	4160413	WRKR_411	0.69	0.65	0.92	0.93
558345.1741604	558345.2	4160423	WRKR_412	0.75	0.70	0.96	0.97
558345.1741604	558345.2	4160433	WRKR_413	0.81	0.76	0.99	1.01
558345.1741604	558345.2	4160443	WRKR_414	0.88	0.82	1.03	1.04
558345.1741604	558345.2	4160453	WRKR_415	0.97	0.90	1.08	1.09
558345.1741604	558345.2	4160463	WRKR_416	1.07	1.00	1.13	1.15

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558345.1741604	558345.2	4160473	WRKR_417	1.18	1.10	1.18	1.20
558345.1741604	558345.2	4160483	WRKR_418	1.31	1.24	1.25	1.27
558345.1741604	558345.2	4160493	WRKR_419	1.47	1.39	1.31	1.34
558345.1741605	558345.2	4160503	WRKR_420	1.66	1.58	1.39	1.42
558345.1741605	558345.2	4160513	WRKR_421	1.89	1.82	1.48	1.52
558345.1741605	558345.2	4160523	WRKR_422	2.15	2.11	1.59	1.63
558345.1741605	558345.2	4160533	WRKR_423	2.46	2.45	1.71	1.77
558355.1741603	558355.2	4160363	WRKR_424	0.48	0.45	0.81	0.81
558355.1741603	558355.2	4160373	WRKR_425	0.51	0.48	0.83	0.84
558355.1741603	558355.2	4160383	WRKR_426	0.54	0.51	0.86	0.87
558355.1741603	558355.2	4160393	WRKR_427	0.58	0.54	0.90	0.90
558355.1741604	558355.2	4160403	WRKR_428	0.62	0.58	0.93	0.94
558355.1741604	558355.2	4160413	WRKR_429	0.67	0.62	0.96	0.97
558355.1741604	558355.2	4160423	WRKR_430	0.72	0.67	1.00	1.01
558355.1741604	558355.2	4160433	WRKR_431	0.79	0.73	1.04	1.05
558355.1741604	558355.2	4160443	WRKR_432	0.86	0.79	1.08	1.09
558355.1741604	558355.2	4160453	WRKR_433	0.94	0.87	1.13	1.14
558355.1741604	558355.2	4160463	WRKR_434	1.04	0.96	1.18	1.20
558355.1741604	558355.2	4160473	WRKR_435	1.15	1.07	1.24	1.26
558355.1741604	558355.2	4160483	WRKR_436	1.28	1.20	1.30	1.33
558355.1741604	558355.2	4160493	WRKR_437	1.44	1.36	1.38	1.40
558355.1741605	558355.2	4160503	WRKR_438	1.62	1.55	1.46	1.49
558355.1741605	558355.2	4160513	WRKR_439	1.84	1.77	1.56	1.60
558355.1741605	558355.2	4160523	WRKR_440	2.09	2.05	1.68	1.73
558355.1741605	558355.2	4160533	WRKR_441	2.38	2.38	1.81	1.88
558365.1741603	558365.2	4160363	WRKR_442	0.46	0.43	0.84	0.85
558365.1741603	558365.2	4160373	WRKR_443	0.49	0.46	0.87	0.88
558365.1741603	558365.2	4160383	WRKR_444	0.52	0.49	0.90	0.91
558365.1741603	558365.2	4160393	WRKR_445	0.56	0.52	0.93	0.94
558365.1741604	558365.2	4160403	WRKR_446	0.60	0.56	0.97	0.98
558365.1741604	558365.2	4160413	WRKR_447	0.65	0.60	1.00	1.01
558365.1741604	558365.2	4160423	WRKR_448	0.70	0.65	1.04	1.05
558365.1741604	558365.2	4160433	WRKR_449	0.77	0.70	1.08	1.09
558365.1741604	558365.2	4160443	WRKR_450	0.84	0.77	1.13	1.14
558365.1741604	558365.2	4160453	WRKR_451	0.92	0.84	1.18	1.19
558365.1741604	558365.2	4160463	WRKR_452	1.01	0.93	1.24	1.25
558365.1741604	558365.2	4160473	WRKR_453	1.12	1.04	1.30	1.31
558365.1741604	558365.2	4160483	WRKR_454	1.25	1.17	1.36	1.39
558365.1741604	558365.2	4160493	WRKR_455	1.40	1.32	1.44	1.47
558365.1741605	558365.2	4160503	WRKR_456	1.58	1.51	1.53	1.57
558365.1741605	558365.2	4160513	WRKR_457	1.78	1.73	1.64	1.68
558365.1741605	558365.2	4160523	WRKR_458	2.02	1.99	1.76	1.81
558365.1741605	558365.2	4160533	WRKR_459	2.30	2.30	1.91	1.98
558375.1741603	558375.2	4160363	WRKR_460	0.45	0.42	0.88	0.88
558375.1741603	558375.2	4160373	WRKR_461	0.48	0.44	0.91	0.92
558375.1741603	558375.2	4160383	WRKR_462	0.51	0.47	0.94	0.95
558375.1741603	558375.2	4160393	WRKR_463	0.55	0.50	0.97	0.98
558375.1741604	558375.2	4160403	WRKR_464	0.59	0.54	1.01	1.02
558375.1741604	558375.2	4160413	WRKR_465	0.63	0.58	1.05	1.06
558375.1741604	558375.2	4160423	WRKR_466	0.69	0.63	1.09	1.10
558375.1741604	558375.2	4160433	WRKR_467	0.75	0.68	1.13	1.14
558375.1741604	558375.2	4160443	WRKR_468	0.82	0.74	1.18	1.19

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558375.1741604	558375.2	4160453	WRKR_469	0.89	0.82	1.23	1.25
558375.1741604	558375.2	4160463	WRKR_470	0.99	0.91	1.29	1.30
558375.1741604	558375.2	4160473	WRKR_471	1.10	1.01	1.35	1.37
558375.1741604	558375.2	4160483	WRKR_472	1.22	1.14	1.43	1.45
558375.1741604	558375.2	4160493	WRKR_473	1.37	1.29	1.51	1.53
558375.1741605	558375.2	4160503	WRKR_474	1.54	1.47	1.60	1.64
558375.1741605	558375.2	4160513	WRKR_475	1.73	1.68	1.72	1.76
558375.1741605	558375.2	4160523	WRKR_476	1.96	1.93	1.85	1.90
558375.1741605	558375.2	4160533	WRKR_477	2.23	2.22	2.01	2.08
558385.1741603	558385.2	4160363	WRKR_478	0.44	0.40	0.91	0.92
558385.1741603	558385.2	4160373	WRKR_479	0.46	0.43	0.95	0.96
558385.1741603	558385.2	4160383	WRKR_480	0.50	0.46	0.98	0.99
558385.1741603	558385.2	4160393	WRKR_481	0.53	0.49	1.01	1.02
558385.1741604	558385.2	4160403	WRKR_482	0.57	0.52	1.05	1.06
558385.1741604	558385.2	4160413	WRKR_483	0.62	0.56	1.09	1.10
558385.1741604	558385.2	4160423	WRKR_484	0.67	0.61	1.13	1.15
558385.1741604	558385.2	4160433	WRKR_485	0.73	0.66	1.18	1.19
558385.1741604	558385.2	4160443	WRKR_486	0.80	0.73	1.23	1.24
558385.1741604	558385.2	4160453	WRKR_487	0.88	0.80	1.28	1.30
558385.1741604	558385.2	4160463	WRKR_488	0.97	0.89	1.34	1.36
558385.1741604	558385.2	4160473	WRKR_489	1.07	0.99	1.41	1.43
558385.1741604	558385.2	4160483	WRKR_490	1.19	1.12	1.49	1.51
558385.1741604	558385.2	4160493	WRKR_491	1.34	1.26	1.58	1.60
558385.1741605	558385.2	4160503	WRKR_492	1.50	1.43	1.68	1.71
558385.1741605	558385.2	4160513	WRKR_493	1.69	1.64	1.79	1.84
558385.1741605	558385.2	4160523	WRKR_494	1.90	1.87	1.93	1.99
558385.1741605	558385.2	4160533	WRKR_495	2.15	2.14	2.10	2.18
558395.1741603	558395.2	4160363	WRKR_496	0.43	0.39	0.95	0.96
558395.1741603	558395.2	4160373	WRKR_497	0.45	0.42	0.99	0.99
558395.1741603	558395.2	4160383	WRKR_498	0.48	0.44	1.02	1.03
558395.1741603	558395.2	4160393	WRKR_499	0.52	0.47	1.06	1.07
558395.1741604	558395.2	4160403	WRKR_500	0.56	0.51	1.10	1.11
558395.1741604	558395.2	4160413	WRKR_501	0.60	0.55	1.14	1.15
558395.1741604	558395.2	4160423	WRKR_502	0.66	0.60	1.18	1.19
558395.1741604	558395.2	4160433	WRKR_503	0.72	0.65	1.23	1.24
558395.1741604	558395.2	4160443	WRKR_504	0.78	0.71	1.28	1.30
558395.1741604	558395.2	4160453	WRKR_505	0.86	0.79	1.34	1.35
558395.1741604	558395.2	4160463	WRKR_506	0.95	0.87	1.40	1.42
558395.1741604	558395.2	4160473	WRKR_507	1.05	0.98	1.47	1.49
558395.1741604	558395.2	4160483	WRKR_508	1.17	1.10	1.55	1.57
558395.1741604	558395.2	4160493	WRKR_509	1.31	1.24	1.64	1.67
558395.1741605	558395.2	4160503	WRKR_510	1.47	1.41	1.75	1.78
558395.1741605	558395.2	4160513	WRKR_511	1.64	1.60	1.87	1.92
558477.6641605	558477.7	4160569	WRKR_512	2.31	2.41	4.87	5.32
558477.6641605	558477.7	4160579	WRKR_513	2.53	2.67	5.63	6.31
558477.6641605	558477.7	4160589	WRKR_514	2.78	2.96	6.66	7.74
558477.6641605	558477.7	4160599	WRKR_515	3.05	3.28	8.09	9.94
558487.6641605	558487.7	4160569	WRKR_516	2.20	2.31	5.07	5.54
558487.6641605	558487.7	4160579	WRKR_517	2.39	2.54	5.77	6.46
558487.6641605	558487.7	4160589	WRKR_518	2.60	2.79	6.68	7.71
558487.6641605	558487.7	4160599	WRKR_519	2.83	3.07	7.95	9.56
558497.6641605	558497.7	4160569	WRKR_520	2.12	2.24	5.36	5.92

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558497.6641605	558497.7	4160579	WRKR_521	2.30	2.45	6.04	6.81
558497.6641605	558497.7	4160589	WRKR_522	2.49	2.68	6.95	8.06
558497.6641605	558497.7	4160599	WRKR_523	2.68	2.91	8.20	9.84
558507.6641605	558507.7	4160569	WRKR_524	2.06	2.18	5.85	6.55
558507.6641605	558507.7	4160579	WRKR_525	2.22	2.37	6.52	7.45
558507.6641605	558507.7	4160589	WRKR_526	2.39	2.58	7.51	8.85
558507.6641605	558507.7	4160599	WRKR_527	2.56	2.79	8.87	10.83
558517.6641605	558517.7	4160569	WRKR_528	1.99	2.12	6.43	7.34
558517.6641605	558517.7	4160579	WRKR_529	2.14	2.29	7.14	8.36
558517.6641605	558517.7	4160589	WRKR_530	2.29	2.47	8.15	9.83
558517.6641605	558517.7	4160599	WRKR_531	2.44	2.65	9.66	12.09
558527.6641605	558527.7	4160569	WRKR_532	1.92	2.05	7.14	8.41
558527.6641605	558527.7	4160579	WRKR_533	2.05	2.20	7.95	9.65
558527.6641605	558527.7	4160589	WRKR_534	2.18	2.36	9.06	11.37
558527.6641605	558527.7	4160599	WRKR_535	2.31	2.52	8.39	13.99
558537.6641605	558537.7	4160569	WRKR_536	1.85	1.98	8.15	10.05
558537.6641605	558537.7	4160579	WRKR_537	1.97	2.12	9.06	11.63
558537.6641605	558537.7	4160589	WRKR_538	2.08	2.26	7.64	13.82
558537.6641605	558537.7	4160599	WRKR_539	2.19	2.38	8.52	10.81
558547.6641605	558547.7	4160569	WRKR_540	1.78	1.91	9.57	12.54
558547.6641605	558547.7	4160579	WRKR_541	1.89	2.04	7.55	9.42
558547.6641605	558547.7	4160589	WRKR_542	1.98	2.15	5.67	6.61
558557.6641605	558557.7	4160569	WRKR_543	1.72	1.85	5.37	6.32
558600.6441605	558600.6	4160569	WRKR_544	1.45	1.58	6.94	8.84
558600.6441605	558600.6	4160579	WRKR_545	1.50	1.64	7.08	9.07
558600.6441605	558600.6	4160589	WRKR_546	1.54	1.68	8.51	11.40
558600.6441605	558600.6	4160599	WRKR_547	1.57	1.71	7.72	9.91
558610.6441605	558610.6	4160569	WRKR_548	1.39	1.51	8.35	10.95
558610.6441605	558610.6	4160579	WRKR_549	1.43	1.56	7.72	9.78
558610.6441605	558610.6	4160589	WRKR_550	1.46	1.59	7.10	8.73
558610.6441605	558610.6	4160599	WRKR_551	1.49	1.62	6.45	7.71
558620.6441605	558620.6	4160569	WRKR_552	1.33	1.45	7.11	8.60
558620.6441605	558620.6	4160579	WRKR_553	1.36	1.48	6.57	7.80
558620.6441605	558620.6	4160589	WRKR_554	1.39	1.51	6.07	7.07
558620.6441605	558620.6	4160599	WRKR_555	1.41	1.53	5.53	6.33
558630.6441605	558630.6	4160569	WRKR_556	1.27	1.38	6.13	7.05
558630.6441605	558630.6	4160579	WRKR_557	1.30	1.41	5.70	6.49
558630.6441605	558630.6	4160589	WRKR_558	1.32	1.43	5.25	5.90
558630.6441605	558630.6	4160599	WRKR_559	1.34	1.45	4.77	5.31
558640.6441605	558640.6	4160569	WRKR_560	1.21	1.32	5.34	5.96
558640.6441605	558640.6	4160579	WRKR_561	1.24	1.34	4.97	5.51
558640.6441605	558640.6	4160589	WRKR_562	1.25	1.36	4.56	5.02
558640.6441605	558640.6	4160599	WRKR_563	1.27	1.37	4.16	4.54
558650.6441605	558650.6	4160569	WRKR_564	1.16	1.26	4.70	5.15
558650.6441605	558650.6	4160579	WRKR_565	1.18	1.28	4.38	4.77
558650.6441605	558650.6	4160589	WRKR_566	1.19	1.29	4.03	4.36
558650.6441605	558650.6	4160599	WRKR_567	1.20	1.30	3.69	3.97
558660.6441605	558660.6	4160569	WRKR_568	1.11	1.20	4.22	4.55
558660.6441605	558660.6	4160579	WRKR_569	1.12	1.22	3.93	4.22
558660.6441605	558660.6	4160589	WRKR_570	1.13	1.22	3.62	3.87
558660.6441605	558660.6	4160599	WRKR_571	1.14	1.23	3.34	3.55
558670.6441605	558670.6	4160569	WRKR_572	1.06	1.15	3.81	4.08

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558670.6441605	558670.6	4160579	WRKR_573	1.07	1.16	3.54	3.77
558670.6441605	558670.6	4160589	WRKR_574	1.08	1.16	3.28	3.48
558495.4416049	558495.4	4160499	WRKR_575	1.20	1.21	3.14	3.27
558495.4416050	558495.4	4160509	WRKR_576	1.31	1.33	3.32	3.48
558495.4416051	558495.4	4160519	WRKR_577	1.43	1.46	3.53	3.72
558495.4416052	558495.4	4160529	WRKR_578	1.56	1.60	3.77	3.99
558505.4416049	558505.4	4160499	WRKR_579	1.19	1.20	3.48	3.66
558505.4416050	558505.4	4160509	WRKR_580	1.29	1.31	3.67	3.89
558505.4416051	558505.4	4160519	WRKR_581	1.40	1.44	3.89	4.15
558505.4416052	558505.4	4160529	WRKR_582	1.53	1.57	4.15	4.44
558515.4416049	558515.4	4160499	WRKR_583	1.17	1.19	3.91	4.17
558515.4416050	558515.4	4160509	WRKR_584	1.27	1.30	4.12	4.43
558515.4416051	558515.4	4160519	WRKR_585	1.38	1.42	4.36	4.71
558515.4416052	558515.4	4160529	WRKR_586	1.50	1.55	4.62	5.03
558525.4416049	558525.4	4160499	WRKR_587	1.16	1.18	4.44	4.83
558525.4416050	558525.4	4160509	WRKR_588	1.25	1.28	4.70	5.15
558525.4416051	558525.4	4160519	WRKR_589	1.36	1.40	4.95	5.47
558525.4416052	558525.4	4160529	WRKR_590	1.47	1.52	5.24	5.84
558535.4416049	558535.4	4160499	WRKR_591	1.14	1.17	5.16	5.77
558535.4416050	558535.4	4160509	WRKR_592	1.23	1.27	5.44	6.15
558535.4416051	558535.4	4160519	WRKR_593	1.33	1.38	5.75	6.56
558535.4416052	558535.4	4160529	WRKR_594	1.44	1.50	6.06	6.99
558545.4416049	558545.4	4160499	WRKR_595	1.13	1.15	6.07	7.08
558545.4416050	558545.4	4160509	WRKR_596	1.22	1.25	6.43	7.61
558545.4416051	558545.4	4160519	WRKR_597	1.31	1.36	6.79	8.16
558545.4416052	558545.4	4160529	WRKR_598	1.41	1.47	7.16	8.71
558555.4416049	558555.4	4160499	WRKR_599	1.11	1.14	7.33	9.11
558555.4416050	558555.4	4160509	WRKR_600	1.20	1.24	7.77	9.84
558555.4416051	558555.4	4160519	WRKR_601	1.28	1.34	8.20	10.56
558555.4416052	558555.4	4160529	WRKR_602	1.38	1.44	8.68	11.38
558565.4416049	558565.4	4160499	WRKR_603	1.10	1.13	6.36	7.79
558565.4416050	558565.4	4160509	WRKR_604	1.18	1.22	7.00	8.89
558565.4416051	558565.4	4160519	WRKR_605	1.26	1.32	5.00	5.84
558565.4416052	558565.4	4160529	WRKR_606	1.34	1.42	7.23	9.38
558618.9841604	558619	4160499	WRKR_607	0.99	1.04	5.32	6.31
558618.9841605	558619	4160509	WRKR_608	1.04	1.11	7.02	8.83
558618.9841605	558619	4160519	WRKR_609	1.10	1.17	7.04	12.37
558618.9841605	558619	4160529	WRKR_610	1.15	1.24	8.92	11.53
558628.9841604	558629	4160499	WRKR_611	0.97	1.03	9.12	11.74
558628.9841605	558629	4160509	WRKR_612	1.02	1.09	8.48	10.59
558628.9841605	558629	4160519	WRKR_613	1.07	1.15	8.00	9.77
558628.9841605	558629	4160529	WRKR_614	1.12	1.20	7.63	9.18
558638.9841604	558639	4160499	WRKR_615	0.95	1.01	7.97	9.61
558638.9841605	558639	4160509	WRKR_616	0.99	1.06	7.43	8.76
558638.9841605	558639	4160519	WRKR_617	1.04	1.12	7.03	8.16
558638.9841605	558639	4160529	WRKR_618	1.08	1.17	6.70	7.70
558648.9841604	558649	4160499	WRKR_619	0.92	0.99	7.13	8.26
558648.9841605	558649	4160509	WRKR_620	0.97	1.04	6.64	7.56
558648.9841605	558649	4160519	WRKR_621	1.01	1.09	6.28	7.06
558648.9841605	558649	4160529	WRKR_622	1.05	1.13	5.97	6.66
558658.9841604	558659	4160499	WRKR_623	0.90	0.97	6.52	7.36
558658.9841605	558659	4160509	WRKR_624	0.94	1.01	6.06	6.74

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558658.9841605	558659	4160519	WRKR_625	0.98	1.05	5.69	6.27
558658.9841605	558659	4160529	WRKR_626	1.01	1.09	5.40	5.91
558668.9841604	558669	4160499	WRKR_627	0.88	0.94	5.99	6.66
558668.9841605	558669	4160509	WRKR_628	0.91	0.98	5.55	6.10
558668.9841605	558669	4160519	WRKR_629	0.95	1.02	5.20	5.66
558668.9841605	558669	4160529	WRKR_630	0.98	1.06	4.92	5.32
558678.9841604	558679	4160499	WRKR_631	0.86	0.92	5.57	6.13
558678.9841605	558679	4160509	WRKR_632	0.89	0.96	5.14	5.59
558678.9841605	558679	4160519	WRKR_633	0.92	0.99	4.80	5.18
558678.9841605	558679	4160529	WRKR_634	0.94	1.02	4.52	4.85
558688.9841604	558689	4160499	WRKR_635	0.83	0.90	5.20	5.69
558688.9841605	558689	4160509	WRKR_636	0.86	0.93	4.78	5.18
558688.9841605	558689	4160519	WRKR_637	0.89	0.96	4.46	4.79
558444.4141603	558444.4	4160372	WRKR_638	0.42	0.38	1.24	1.25
558454.4141603	558454.4	4160382	WRKR_639	0.44	0.40	1.33	1.34
558454.4141603	558454.4	4160392	WRKR_640	0.48	0.43	1.38	1.40
558454.4141604	558454.4	4160402	WRKR_641	0.51	0.47	1.44	1.45
558464.4141603	558464.4	4160382	WRKR_642	0.44	0.40	1.41	1.42
558464.4141603	558464.4	4160392	WRKR_643	0.47	0.43	1.46	1.48
558464.4141604	558464.4	4160402	WRKR_644	0.51	0.47	1.52	1.54
558474.4141603	558474.4	4160382	WRKR_645	0.44	0.39	1.49	1.50
558474.4141603	558474.4	4160392	WRKR_646	0.47	0.43	1.55	1.57
558474.4141604	558474.4	4160402	WRKR_647	0.51	0.47	1.61	1.63
558484.4141603	558484.4	4160382	WRKR_648	0.44	0.39	1.58	1.60
558484.4141603	558484.4	4160392	WRKR_649	0.47	0.43	1.64	1.66
558484.4141604	558484.4	4160402	WRKR_650	0.51	0.46	1.70	1.72
558494.4141603	558494.4	4160382	WRKR_651	0.44	0.39	1.68	1.70
558494.4141603	558494.4	4160392	WRKR_652	0.47	0.43	1.74	1.77
558494.4141604	558494.4	4160402	WRKR_653	0.51	0.46	1.81	1.84
558504.4141603	558504.4	4160382	WRKR_654	0.44	0.40	1.80	1.82
558504.4141603	558504.4	4160392	WRKR_655	0.47	0.43	1.89	1.92
558504.4141604	558504.4	4160402	WRKR_656	0.52	0.47	2.01	2.04
558514.4141603	558514.4	4160382	WRKR_657	0.44	0.40	1.93	1.96
558514.4141603	558514.4	4160392	WRKR_658	0.47	0.43	2.04	2.07
558514.4141604	558514.4	4160402	WRKR_659	0.52	0.48	2.17	2.22
558524.4141603	558524.4	4160392	WRKR_660	0.48	0.44	2.20	2.25
558524.4141604	558524.4	4160402	WRKR_661	0.52	0.48	2.36	2.42
558581.8241603	558581.8	4160392	WRKR_662	0.49	0.47	3.77	4.00
558581.8241604	558581.8	4160402	WRKR_663	0.53	0.51	4.22	4.56
558581.8241604	558581.8	4160412	WRKR_664	0.57	0.55	4.77	5.28
558581.8241604	558581.8	4160422	WRKR_665	0.62	0.60	5.43	6.20
558591.8241603	558591.8	4160392	WRKR_666	0.49	0.47	4.10	4.40
558591.8241604	558591.8	4160402	WRKR_667	0.53	0.51	4.64	5.10
558591.8241604	558591.8	4160412	WRKR_668	0.57	0.56	5.31	6.03
558591.8241604	558591.8	4160422	WRKR_669	0.62	0.60	6.14	7.31
558601.8241603	558601.8	4160382	WRKR_670	0.46	0.44	3.93	4.19
558601.8241603	558601.8	4160392	WRKR_671	0.50	0.47	4.44	4.83
558601.8241604	558601.8	4160402	WRKR_672	0.53	0.52	5.09	5.70
558601.8241604	558601.8	4160412	WRKR_673	0.57	0.56	5.89	6.91
558601.8241604	558601.8	4160422	WRKR_674	0.62	0.61	6.91	8.65
558611.8241603	558611.8	4160382	WRKR_675	0.46	0.44	4.18	4.49
558611.8241603	558611.8	4160392	WRKR_676	0.50	0.48	4.75	5.24

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558611.8241604	558611.8	4160402	WRKR_677	0.53	0.52	5.55	6.36
558611.824160	558611.8	4160412	WRKR_678	0.57	0.56	6.50	7.93
558611.824160	558611.8	4160422	WRKR_679	0.61	0.61	7.75	10.30
558621.8241603	558621.8	4160382	WRKR_680	0.47	0.45	4.46	4.84
558621.8241603	558621.8	4160392	WRKR_681	0.50	0.48	5.10	5.71
558621.8241604	558621.8	4160402	WRKR_682	0.53	0.52	6.01	7.07
558621.824160	558621.8	4160412	WRKR_683	0.57	0.56	7.18	9.14
558621.824160	558621.8	4160422	WRKR_684	0.61	0.61	5.95	7.46
558631.8241603	558631.8	4160382	WRKR_685	0.47	0.45	4.76	5.21
558631.8241603	558631.8	4160392	WRKR_686	0.50	0.49	5.47	6.20
558631.8241604	558631.8	4160402	WRKR_687	0.53	0.52	6.51	7.84
558641.8241603	558641.8	4160382	WRKR_688	0.47	0.45	5.05	5.57
558641.8241603	558641.8	4160392	WRKR_689	0.50	0.49	5.83	6.70
558641.8241604	558641.8	4160402	WRKR_690	0.53	0.53	7.04	8.66
558651.8241603	558651.8	4160382	WRKR_691	0.47	0.46	5.42	6.05
558651.8241603	558651.8	4160392	WRKR_692	0.50	0.49	6.30	7.33
558651.8241604	558651.8	4160402	WRKR_693	0.53	0.53	7.66	9.61
558661.8241603	558661.8	4160382	WRKR_694	0.47	0.46	5.85	6.58
558661.8241603	558661.8	4160392	WRKR_695	0.50	0.49	6.78	7.98
558661.8241604	558661.8	4160402	WRKR_696	0.53	0.53	8.30	10.62
558671.8241603	558671.8	4160362	WRKR_697	0.41	0.40	5.28	5.80
558671.8241603	558671.8	4160372	WRKR_698	0.44	0.43	5.71	6.34
558671.8241603	558671.8	4160382	WRKR_699	0.47	0.46	6.35	7.23
558671.8241603	558671.8	4160392	WRKR_700	0.50	0.49	7.34	8.74
558671.8241604	558671.8	4160402	WRKR_701	0.53	0.53	8.98	11.64
558681.8241603	558681.8	4160362	WRKR_702	0.41	0.40	5.90	6.61
558681.8241603	558681.8	4160372	WRKR_703	0.44	0.43	6.21	7.03
558681.8241603	558681.8	4160382	WRKR_704	0.47	0.46	6.92	8.02
558681.8241603	558681.8	4160392	WRKR_705	0.50	0.50	7.97	9.63
558681.8241604	558681.8	4160402	WRKR_706	0.53	0.53	9.65	12.60
558691.8241603	558691.8	4160362	WRKR_707	0.41	0.40	6.77	7.87
558691.8241603	558691.8	4160372	WRKR_708	0.44	0.43	7.17	8.41
558691.8241603	558691.8	4160382	WRKR_709	0.47	0.46	7.80	9.31
558691.8241603	558691.8	4160392	WRKR_710	0.49	0.50	8.85	10.98
558691.8241604	558691.8	4160402	WRKR_711	0.52	0.53	10.60	14.22
558701.8241603	558701.8	4160362	WRKR_712	0.41	0.41	7.99	9.88
558701.8241603	558701.8	4160372	WRKR_713	0.44	0.44	8.39	10.45
558701.8241603	558701.8	4160382	WRKR_714	0.47	0.47	9.02	11.41
558701.8241603	558701.8	4160392	WRKR_715	0.49	0.50	10.04	13.10
558701.8241604	558701.8	4160402	WRKR_716	0.52	0.53	11.75	16.45
558711.8241603	558711.8	4160362	WRKR_717	0.41	0.41	9.73	13.31
558711.8241603	558711.8	4160372	WRKR_718	0.44	0.44	10.11	13.92
558711.8241603	558711.8	4160382	WRKR_719	0.46	0.47	8.33	10.64
558711.8241603	558711.8	4160392	WRKR_720	0.49	0.50	11.67	16.59
558711.8241604	558711.8	4160402	WRKR_721	0.52	0.53	7.53	9.68
558721.8241603	558721.8	4160362	WRKR_722	0.41	0.41	5.78	6.84
558721.8241603	558721.8	4160372	WRKR_723	0.44	0.44	6.46	7.93
558721.8241603	558721.8	4160382	WRKR_724	0.46	0.47	9.21	12.62
558721.8241603	558721.8	4160392	WRKR_725	0.49	0.50	7.19	9.15
558721.8241604	558721.8	4160402	WRKR_726	0.51	0.53	7.67	10.01
558690.0941602	558690.1	4160295	WRKR_727	0.27	0.25	5.33	6.02
558690.0941603	558690.1	4160305	WRKR_728	0.29	0.27	5.40	6.10

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558690.0941603	558690.1	4160315	WRKR_729	0.31	0.29	5.47	6.18
558690.0941603	558690.1	4160325	WRKR_730	0.32	0.31	5.56	6.27
558690.0941603	558690.1	4160335	WRKR_731	0.35	0.33	5.67	6.41
558700.0941602	558700.1	4160295	WRKR_732	0.27	0.25	6.44	7.62
558700.0941603	558700.1	4160305	WRKR_733	0.29	0.27	6.53	7.73
558700.0941603	558700.1	4160315	WRKR_734	0.31	0.29	6.59	7.79
558700.0941603	558700.1	4160325	WRKR_735	0.33	0.31	6.66	7.84
558700.0941603	558700.1	4160335	WRKR_736	0.35	0.33	6.76	7.96
558710.0941602	558710.1	4160295	WRKR_737	0.27	0.26	8.08	10.27
558710.0941603	558710.1	4160305	WRKR_738	0.29	0.27	8.15	10.32
558710.0941603	558710.1	4160315	WRKR_739	0.31	0.29	8.21	10.35
558710.0941603	558710.1	4160325	WRKR_740	0.33	0.31	8.28	10.41
558710.0941603	558710.1	4160335	WRKR_741	0.35	0.34	8.34	10.45
558720.0941602	558720.1	4160295	WRKR_742	0.28	0.26	7.08	8.86
558720.0941603	558720.1	4160305	WRKR_743	0.29	0.28	4.97	5.75
558720.0941603	558720.1	4160315	WRKR_744	0.31	0.30	7.18	9.09
558720.0941603	558720.1	4160325	WRKR_745	0.33	0.32	7.33	9.19
558612.6841602	558612.7	4160297	WRKR_746	0.26	0.23	2.27	2.32
558612.6841603	558612.7	4160307	WRKR_747	0.27	0.24	2.37	2.42
558612.6841603	558612.7	4160317	WRKR_748	0.29	0.26	2.48	2.54
558612.6841603	558612.7	4160327	WRKR_749	0.31	0.28	2.60	2.67
558612.6841603	558612.7	4160337	WRKR_750	0.33	0.31	2.76	2.84
558622.6841602	558622.7	4160297	WRKR_751	0.26	0.23	2.44	2.51
558622.6841603	558622.7	4160307	WRKR_752	0.28	0.25	2.54	2.61
558622.6841603	558622.7	4160317	WRKR_753	0.29	0.27	2.65	2.72
558622.6841603	558622.7	4160327	WRKR_754	0.31	0.29	2.78	2.86
558622.6841603	558622.7	4160337	WRKR_755	0.34	0.31	2.94	3.04
558632.6841602	558632.7	4160297	WRKR_756	0.26	0.23	2.65	2.73
558632.6841603	558632.7	4160307	WRKR_757	0.28	0.25	2.74	2.83
558632.6841603	558632.7	4160317	WRKR_758	0.30	0.27	2.85	2.95
558632.6841603	558632.7	4160327	WRKR_759	0.32	0.29	2.98	3.09
558632.6841603	558632.7	4160337	WRKR_760	0.34	0.31	3.14	3.27
558642.6841602	558642.7	4160297	WRKR_761	0.26	0.24	2.91	3.02
558642.6841603	558642.7	4160307	WRKR_762	0.28	0.25	2.98	3.10
558642.6841603	558642.7	4160317	WRKR_763	0.30	0.27	3.09	3.22
558642.6841603	558642.7	4160327	WRKR_764	0.32	0.29	3.22	3.36
558642.6841603	558642.7	4160337	WRKR_765	0.34	0.32	3.38	3.54
558652.6841602	558652.7	4160297	WRKR_766	0.27	0.24	3.21	3.36
558652.6841603	558652.7	4160307	WRKR_767	0.28	0.26	3.28	3.44
558652.6841603	558652.7	4160317	WRKR_768	0.30	0.28	3.39	3.56
558652.6841603	558652.7	4160327	WRKR_769	0.32	0.30	3.51	3.69
558652.6841603	558652.7	4160337	WRKR_770	0.34	0.32	3.67	3.87
558662.6841602	558662.7	4160297	WRKR_771	0.27	0.24	3.61	3.83
558662.6841603	558662.7	4160307	WRKR_772	0.29	0.26	3.68	3.90
558662.6841603	558662.7	4160317	WRKR_773	0.30	0.28	3.76	4.00
558662.6841603	558662.7	4160327	WRKR_774	0.32	0.30	3.88	4.12
558662.6841603	558662.7	4160337	WRKR_775	0.35	0.33	4.03	4.30
558672.6841602	558672.7	4160297	WRKR_776	0.27	0.25	4.08	4.40
558672.6841603	558672.7	4160307	WRKR_777	0.29	0.26	4.17	4.49
558672.6841603	558672.7	4160317	WRKR_778	0.31	0.28	4.25	4.59
558672.6841603	558672.7	4160327	WRKR_779	0.33	0.31	4.35	4.70
558672.6841603	558672.7	4160337	WRKR_780	0.35	0.33	4.50	4.87

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558543.5841602	558543.6	4160291	WRKR_781	0.24	0.22	1.53	1.54
558553.5841603	558553.6	4160301	WRKR_782	0.26	0.23	1.68	1.70
558553.5841603	558553.6	4160311	WRKR_783	0.27	0.24	1.75	1.78
558553.5841603	558553.6	4160321	WRKR_784	0.29	0.26	1.84	1.87
558553.5841603	558553.6	4160331	WRKR_785	0.31	0.28	1.94	1.97
558563.5841603	558563.6	4160301	WRKR_786	0.26	0.23	1.77	1.79
558563.5841603	558563.6	4160311	WRKR_787	0.27	0.24	1.85	1.88
558563.5841603	558563.6	4160321	WRKR_788	0.29	0.26	1.95	1.98
558563.5841603	558563.6	4160331	WRKR_789	0.31	0.28	2.05	2.09
558573.5841603	558573.6	4160301	WRKR_790	0.26	0.23	1.87	1.89
558573.5841603	558573.6	4160311	WRKR_791	0.28	0.24	1.96	1.99
558573.5841603	558573.6	4160321	WRKR_792	0.29	0.26	2.06	2.09
558573.5841603	558573.6	4160331	WRKR_793	0.31	0.28	2.17	2.21
558583.5841603	558583.6	4160301	WRKR_794	0.26	0.23	1.98	2.01
558583.5841603	558583.6	4160311	WRKR_795	0.28	0.25	2.07	2.10
558583.5841603	558583.6	4160321	WRKR_796	0.30	0.26	2.18	2.22
558583.5841603	558583.6	4160331	WRKR_797	0.32	0.28	2.30	2.34
558593.5841603	558593.6	4160331	WRKR_798	0.32	0.29	2.44	2.49
558455.3541603	558455.4	4160304	WRKR_799	0.27	0.25	1.03	1.04
558455.3541603	558455.4	4160314	WRKR_800	0.29	0.26	1.06	1.07
558455.3541603	558455.4	4160324	WRKR_801	0.30	0.28	1.10	1.11
558455.3541603	558455.4	4160334	WRKR_802	0.32	0.29	1.14	1.15
558455.3541603	558455.4	4160344	WRKR_803	0.34	0.31	1.18	1.19
558465.3541603	558465.4	4160304	WRKR_804	0.27	0.25	1.08	1.09
558465.3541603	558465.4	4160314	WRKR_805	0.28	0.26	1.12	1.12
558465.3541603	558465.4	4160324	WRKR_806	0.30	0.27	1.16	1.17
558465.3541603	558465.4	4160334	WRKR_807	0.32	0.29	1.20	1.21
558465.3541603	558465.4	4160344	WRKR_808	0.34	0.31	1.25	1.26
558475.3541603	558475.4	4160304	WRKR_809	0.27	0.24	1.13	1.14
558475.3541603	558475.4	4160314	WRKR_810	0.28	0.26	1.17	1.18
558475.3541603	558475.4	4160324	WRKR_811	0.30	0.27	1.22	1.23
558475.3541603	558475.4	4160334	WRKR_812	0.32	0.29	1.26	1.27
558475.3541603	558475.4	4160344	WRKR_813	0.34	0.31	1.32	1.33
558485.3541603	558485.4	4160304	WRKR_814	0.26	0.24	1.19	1.20
558485.3541603	558485.4	4160314	WRKR_815	0.28	0.25	1.23	1.24
558485.3541603	558485.4	4160324	WRKR_816	0.30	0.27	1.28	1.29
558485.3541603	558485.4	4160334	WRKR_817	0.32	0.28	1.33	1.34
558485.3541603	558485.4	4160344	WRKR_818	0.34	0.30	1.39	1.40
558495.3541603	558495.4	4160304	WRKR_819	0.26	0.24	1.25	1.26
558495.3541603	558495.4	4160314	WRKR_820	0.28	0.25	1.30	1.31
558495.3541603	558495.4	4160324	WRKR_821	0.30	0.27	1.35	1.36
558495.3541603	558495.4	4160334	WRKR_822	0.31	0.28	1.41	1.42
558495.3541603	558495.4	4160344	WRKR_823	0.34	0.30	1.47	1.49
558505.3541603	558505.4	4160304	WRKR_824	0.26	0.24	1.32	1.33
558505.3541603	558505.4	4160314	WRKR_825	0.28	0.25	1.37	1.38
558505.3541603	558505.4	4160324	WRKR_826	0.29	0.26	1.43	1.44
558505.3541603	558505.4	4160334	WRKR_827	0.31	0.28	1.49	1.51
558515.3541603	558515.4	4160304	WRKR_828	0.26	0.23	1.39	1.40
558515.3541603	558515.4	4160314	WRKR_829	0.28	0.25	1.45	1.46
558515.3541603	558515.4	4160324	WRKR_830	0.29	0.26	1.51	1.52
558515.3541603	558515.4	4160334	WRKR_831	0.31	0.28	1.58	1.60
558525.3541603	558525.4	4160304	WRKR_832	0.26	0.23	1.46	1.48

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558525.3541603	558525.4	4160314	WRKR_833	0.28	0.25	1.53	1.54
558525.3541603	558525.4	4160324	WRKR_834	0.29	0.26	1.60	1.61
558525.3541603	558525.4	4160334	WRKR_835	0.31	0.28	1.67	1.69
558535.3541603	558535.4	4160304	WRKR_836	0.26	0.23	1.54	1.56
558535.3541603	558535.4	4160314	WRKR_837	0.28	0.25	1.61	1.63
558535.3541603	558535.4	4160324	WRKR_838	0.29	0.26	1.69	1.71
558535.3541603	558535.4	4160334	WRKR_839	0.31	0.28	1.77	1.79
558616.6741602	558616.7	4160230	WRKR_840	0.18	0.15	1.87	1.89
558616.6741602	558616.7	4160240	WRKR_841	0.19	0.16	1.94	1.97
558616.6741602	558616.7	4160250	WRKR_842	0.20	0.17	2.02	2.05
558626.6741602	558626.7	4160230	WRKR_843	0.18	0.15	2.03	2.07
558626.6741602	558626.7	4160240	WRKR_844	0.19	0.16	2.11	2.15
558626.6741602	558626.7	4160250	WRKR_845	0.20	0.17	2.20	2.25
558636.6741602	558636.7	4160230	WRKR_846	0.18	0.16	2.23	2.28
558636.6741602	558636.7	4160240	WRKR_847	0.19	0.16	2.32	2.38
558636.6741602	558636.7	4160250	WRKR_848	0.20	0.17	2.42	2.48
558646.6741602	558646.7	4160230	WRKR_849	0.18	0.16	2.47	2.55
558646.6741602	558646.7	4160240	WRKR_850	0.19	0.16	2.58	2.66
558646.6741602	558646.7	4160250	WRKR_851	0.20	0.18	2.68	2.78
558656.6741602	558656.7	4160230	WRKR_852	0.18	0.16	2.78	2.89
558656.6741602	558656.7	4160240	WRKR_853	0.19	0.17	2.90	3.02
558666.6741602	558666.7	4160230	WRKR_854	0.18	0.16	3.17	3.33
558666.6741602	558666.7	4160240	WRKR_855	0.19	0.17	3.31	3.50
558676.6741602	558676.7	4160230	WRKR_856	0.18	0.16	3.66	3.93
558676.6741602	558676.7	4160240	WRKR_857	0.19	0.17	3.84	4.15
558686.6741602	558686.7	4160230	WRKR_858	0.18	0.16	4.32	4.76
558686.6741602	558686.7	4160240	WRKR_859	0.20	0.17	4.55	5.05
558696.6741602	558696.7	4160230	WRKR_860	0.19	0.16	5.20	5.98
558696.6741602	558696.7	4160240	WRKR_861	0.20	0.17	5.50	6.40
558706.6741602	558706.7	4160230	WRKR_862	0.19	0.17	6.40	7.87
558706.6741602	558706.7	4160240	WRKR_863	0.20	0.18	6.82	8.55
558716.6741602	558716.7	4160230	WRKR_864	0.19	0.17	8.07	11.03
558716.6741602	558716.7	4160240	WRKR_865	0.20	0.18	6.28	7.90
558420.2141602	558420.2	4160236	WRKR_866	0.21	0.20	0.71	0.72
558420.2141602	558420.2	4160246	WRKR_867	0.22	0.21	0.74	0.74
558420.2141602	558420.2	4160256	WRKR_868	0.23	0.22	0.76	0.76
558430.2141602	558430.2	4160236	WRKR_869	0.21	0.20	0.74	0.75
558430.2141602	558430.2	4160246	WRKR_870	0.22	0.21	0.76	0.77
558430.2141602	558430.2	4160256	WRKR_871	0.23	0.22	0.79	0.79
558440.2141602	558440.2	4160236	WRKR_872	0.21	0.20	0.77	0.78
558440.2141602	558440.2	4160246	WRKR_873	0.21	0.20	0.80	0.80
558440.2141602	558440.2	4160256	WRKR_874	0.22	0.21	0.82	0.83
558450.2141602	558450.2	4160236	WRKR_875	0.20	0.19	0.80	0.81
558450.2141602	558450.2	4160246	WRKR_876	0.21	0.20	0.83	0.83
558450.2141602	558450.2	4160256	WRKR_877	0.22	0.21	0.85	0.86
558460.2141602	558460.2	4160236	WRKR_878	0.20	0.19	0.83	0.84
558460.2141602	558460.2	4160246	WRKR_879	0.21	0.19	0.86	0.87
558460.2141602	558460.2	4160256	WRKR_880	0.22	0.20	0.89	0.90
558470.2141602	558470.2	4160236	WRKR_881	0.20	0.18	0.87	0.87
558470.2141602	558470.2	4160246	WRKR_882	0.20	0.19	0.90	0.90
558470.2141602	558470.2	4160256	WRKR_883	0.21	0.20	0.93	0.94
558480.2141602	558480.2	4160236	WRKR_884	0.19	0.18	0.91	0.91

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558480.2141602	558480.2	4160246	WRKR_885	0.20	0.19	0.94	0.94
558480.2141602	558480.2	4160256	WRKR_886	0.21	0.19	0.97	0.98
558490.2141602	558490.2	4160236	WRKR_887	0.19	0.18	0.95	0.95
558490.2141602	558490.2	4160246	WRKR_888	0.20	0.18	0.98	0.99
558490.2141602	558490.2	4160256	WRKR_889	0.21	0.19	1.02	1.02
558500.2141602	558500.2	4160236	WRKR_890	0.19	0.17	0.99	1.00
558500.2141602	558500.2	4160246	WRKR_891	0.20	0.18	1.03	1.03
558500.2141602	558500.2	4160256	WRKR_892	0.21	0.19	1.07	1.07
558510.2141602	558510.2	4160236	WRKR_893	0.19	0.17	1.04	1.05
558510.2141602	558510.2	4160246	WRKR_894	0.19	0.18	1.08	1.09
558510.2141602	558510.2	4160256	WRKR_895	0.20	0.19	1.12	1.13
558520.2141602	558520.2	4160236	WRKR_896	0.18	0.17	1.09	1.10
558520.2141602	558520.2	4160246	WRKR_897	0.19	0.18	1.13	1.14
558520.2141602	558520.2	4160256	WRKR_898	0.20	0.18	1.17	1.18
558530.2141602	558530.2	4160236	WRKR_899	0.18	0.17	1.14	1.15
558530.2141602	558530.2	4160246	WRKR_900	0.19	0.17	1.18	1.19
558530.2141602	558530.2	4160256	WRKR_901	0.20	0.18	1.23	1.24
558540.2141602	558540.2	4160236	WRKR_902	0.18	0.17	1.20	1.20
558540.2141602	558540.2	4160246	WRKR_903	0.19	0.17	1.24	1.25
558540.2141602	558540.2	4160256	WRKR_904	0.20	0.18	1.29	1.30
558550.2141602	558550.2	4160236	WRKR_905	0.18	0.16	1.26	1.27
558550.2141602	558550.2	4160246	WRKR_906	0.19	0.17	1.31	1.31
558550.2141602	558550.2	4160256	WRKR_907	0.20	0.18	1.36	1.37
558560.2141602	558560.2	4160236	WRKR_908	0.18	0.16	1.33	1.34
558560.2141602	558560.2	4160246	WRKR_909	0.19	0.17	1.38	1.39
558560.2141602	558560.2	4160256	WRKR_910	0.20	0.18	1.44	1.46
558570.2141602	558570.2	4160236	WRKR_911	0.18	0.16	1.40	1.41
558570.2141602	558570.2	4160246	WRKR_912	0.19	0.17	1.45	1.46
558570.2141602	558570.2	4160256	WRKR_913	0.20	0.18	1.52	1.53
558580.2141602	558580.2	4160236	WRKR_914	0.18	0.16	1.48	1.49
558580.2141602	558580.2	4160246	WRKR_915	0.19	0.17	1.54	1.55
558590.2141602	558590.2	4160236	WRKR_916	0.18	0.16	1.58	1.59
558590.2141602	558590.2	4160246	WRKR_917	0.19	0.17	1.64	1.66
558600.2141602	558600.2	4160246	WRKR_918	0.19	0.17	1.76	1.78

RESIDENTIAL CONCENTRATIONS & DOSE

					s	X	s	X		
					3rd Tri		0<2		2<16	
					Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)	
XY	X	Y	Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
557996.384160720.52	557996	4160721	WRKR_1	WORKER	1.95E-02	1.32E-06	1.79E-02	2.08E-06	1.79E-02	2.94E-06
557996.384160730.52	557996	4160731	WRKR_2	WORKER	1.92E-02	1.32E-06	1.77E-02	2.07E-06	1.77E-02	2.93E-06
557996.384160740.52	557996	4160741	WRKR_3	WORKER	1.86E-02	1.31E-06	1.72E-02	2.05E-06	1.72E-02	2.90E-06
558006.384160710.52	558006	4160711	WRKR_4	WORKER	2.23E-02	1.38E-06	2.05E-02	2.16E-06	2.05E-02	3.06E-06
558006.384160720.52	558006	4160721	WRKR_5	WORKER	2.20E-02	1.37E-06	2.02E-02	2.15E-06	2.02E-02	3.04E-06
558006.384160730.52	558006	4160731	WRKR_6	WORKER	2.15E-02	1.36E-06	1.98E-02	2.14E-06	1.98E-02	3.03E-06
558006.384160740.52	558006	4160741	WRKR_7	WORKER	2.10E-02	1.35E-06	1.93E-02	2.13E-06	1.93E-02	3.01E-06
558016.384160710.52	558016	4160711	WRKR_8	WORKER	2.54E-02	1.42E-06	2.33E-02	2.24E-06	2.33E-02	3.17E-06
558016.384160720.52	558016	4160721	WRKR_9	WORKER	2.49E-02	1.42E-06	2.29E-02	2.23E-06	2.29E-02	3.15E-06
558016.384160730.52	558016	4160731	WRKR_10	WORKER	2.43E-02	1.41E-06	2.24E-02	2.21E-06	2.24E-02	3.13E-06
558016.384160740.52	558016	4160741	WRKR_11	WORKER	2.35E-02	1.40E-06	2.16E-02	2.20E-06	2.16E-02	3.11E-06
558026.384160710.52	558026	4160711	WRKR_12	WORKER	2.89E-02	1.47E-06	2.66E-02	2.31E-06	2.66E-02	3.27E-06
558026.384160720.52	558026	4160721	WRKR_13	WORKER	2.85E-02	1.47E-06	2.62E-02	2.31E-06	2.62E-02	3.26E-06
558026.384160730.52	558026	4160731	WRKR_14	WORKER	2.76E-02	1.46E-06	2.54E-02	2.29E-06	2.54E-02	3.24E-06
558026.384160740.52	558026	4160741	WRKR_15	WORKER	2.66E-02	1.45E-06	2.45E-02	2.27E-06	2.45E-02	3.21E-06
558277.534160581.24	558278	4160581	WRKR_16	WORKER	7.66E-02	7.23E-06	7.05E-02	1.14E-05	7.05E-02	1.61E-05
558277.534160591.24	558278	4160591	WRKR_17	WORKER	9.24E-02	7.43E-06	8.50E-02	1.17E-05	8.50E-02	1.65E-05
558287.534160581.24	558288	4160581	WRKR_18	WORKER	7.46E-02	8.16E-06	6.87E-02	1.28E-05	6.87E-02	1.81E-05
558287.534160591.24	558288	4160591	WRKR_19	WORKER	8.89E-02	8.44E-06	8.18E-02	1.33E-05	8.18E-02	1.87E-05
558297.534160581.24	558298	4160581	WRKR_20	WORKER	7.21E-02	9.31E-06	6.63E-02	1.46E-05	6.63E-02	2.07E-05
558297.534160591.24	558298	4160591	WRKR_21	WORKER	8.55E-02	9.70E-06	7.87E-02	1.52E-05	7.87E-02	2.16E-05
558307.534160581.24	558308	4160581	WRKR_22	WORKER	6.90E-02	1.07E-05	6.35E-02	1.68E-05	6.35E-02	2.38E-05
558307.534160591.24	558308	4160591	WRKR_23	WORKER	8.22E-02	1.13E-05	7.57E-02	1.78E-05	7.57E-02	2.51E-05
558317.534160581.24	558318	4160581	WRKR_24	WORKER	6.61E-02	1.24E-05	6.08E-02	1.94E-05	6.08E-02	2.75E-05
558317.534160591.24	558318	4160591	WRKR_25	WORKER	7.90E-02	1.33E-05	7.27E-02	2.09E-05	7.27E-02	2.96E-05
558327.534160581.24	558328	4160581	WRKR_26	WORKER	6.33E-02	1.43E-05	5.82E-02	2.24E-05	5.82E-02	3.17E-05
558327.534160591.24	558328	4160591	WRKR_27	WORKER	7.58E-02	1.58E-05	6.97E-02	2.49E-05	6.97E-02	3.52E-05
558337.534160581.24	558338	4160581	WRKR_28	WORKER	6.00E-02	1.62E-05	5.53E-02	2.55E-05	5.53E-02	3.60E-05
558101.054160547.13	558101	4160547	WRKR_29	WORKER	3.39E-02	2.10E-06	3.12E-02	3.30E-06	3.12E-02	4.66E-06
558101.054160557.13	558101	4160557	WRKR_30	WORKER	3.70E-02	2.11E-06	3.41E-02	3.32E-06	3.41E-02	4.69E-06
558111.054160547.13	558111	4160547	WRKR_31	WORKER	3.61E-02	2.20E-06	3.32E-02	3.45E-06	3.32E-02	4.88E-06
558111.054160557.13	558111	4160557	WRKR_32	WORKER	3.96E-02	2.21E-06	3.64E-02	3.47E-06	3.64E-02	4.91E-06
558111.054160567.13	558111	4160567	WRKR_33	WORKER	4.35E-02	2.22E-06	4.00E-02	3.49E-06	4.00E-02	4.93E-06
558121.054160537.13	558121	4160537	WRKR_34	WORKER	3.49E-02	2.29E-06	3.21E-02	3.59E-06	3.21E-02	5.08E-06
558121.054160547.13	558121	4160547	WRKR_35	WORKER	3.83E-02	2.30E-06	3.52E-02	3.62E-06	3.52E-02	5.12E-06
558121.054160557.13	558121	4160557	WRKR_36	WORKER	4.22E-02	2.32E-06	3.88E-02	3.64E-06	3.88E-02	5.15E-06
558121.054160567.13	558121	4160567	WRKR_37	WORKER	4.66E-02	2.33E-06	4.29E-02	3.66E-06	4.29E-02	5.17E-06
558121.054160577.13	558121	4160577	WRKR_38	WORKER	5.17E-02	2.34E-06	4.75E-02	3.67E-06	4.75E-02	5.19E-06
558121.054160587.13	558121	4160587	WRKR_39	WORKER	5.75E-02	2.34E-06	5.29E-02	3.68E-06	5.29E-02	5.20E-06
558131.054160527.13	558131	4160527	WRKR_40	WORKER	3.33E-02	2.38E-06	3.06E-02	3.74E-06	3.06E-02	5.29E-06
558131.054160537.13	558131	4160537	WRKR_41	WORKER	3.66E-02	2.40E-06	3.37E-02	3.77E-06	3.37E-02	5.33E-06
558131.054160547.13	558131	4160547	WRKR_42	WORKER	4.04E-02	2.42E-06	3.72E-02	3.80E-06	3.72E-02	5.37E-06
558131.054160557.13	558131	4160557	WRKR_43	WORKER	4.48E-02	2.43E-06	4.12E-02	3.82E-06	4.12E-02	5.41E-06
558131.054160567.13	558131	4160567	WRKR_44	WORKER	4.97E-02	2.45E-06	4.58E-02	3.84E-06	4.58E-02	5.43E-06
558131.054160577.13	558131	4160577	WRKR_45	WORKER	5.55E-02	2.45E-06	5.11E-02	3.86E-06	5.11E-02	5.45E-06
558131.054160587.13	558131	4160587	WRKR_46	WORKER	6.21E-02	2.46E-06	5.72E-02	3.86E-06	5.72E-02	5.47E-06
558131.054160597.13	558131	4160597	WRKR_47	WORKER	6.97E-02	2.46E-06	6.41E-02	3.87E-06	6.41E-02	5.47E-06
558141.054160527.13	558141	4160527	WRKR_48	WORKER	3.47E-02	2.50E-06	3.19E-02	3.93E-06	3.19E-02	5.56E-06
558141.054160537.13	558141	4160537	WRKR_49	WORKER	3.83E-02	2.52E-06	3.53E-02	3.96E-06	3.53E-02	5.60E-06
558141.054160547.13	558141	4160547	WRKR_50	WORKER	4.25E-02	2.54E-06	3.91E-02	3.99E-06	3.91E-02	5.65E-06
558141.054160557.13	558141	4160557	WRKR_51	WORKER	4.74E-02	2.56E-06	4.36E-02	4.02E-06	4.36E-02	5.68E-06
558141.054160567.13	558141	4160567	WRKR_52	WORKER	5.30E-02	2.57E-06	4.88E-02	4.04E-06	4.88E-02	5.72E-06
558141.054160577.13	558141	4160577	WRKR_53	WORKER	5.95E-02	2.58E-06	5.48E-02	4.06E-06	5.48E-02	5.74E-06
558141.054160587.13	558141	4160587	WRKR_54	WORKER	6.70E-02	2.59E-06	6.16E-02	4.07E-06	6.16E-02	5.76E-06
558141.054160597.13	558141	4160597	WRKR_55	WORKER	7.56E-02	2.59E-06	6.95E-02	4.07E-06	6.95E-02	5.76E-06
558141.054160607.13	558141	4160607	WRKR_56	WORKER	8.53E-02	2.59E-06	7.85E-02	4.07E-06	7.85E-02	5.75E-06
558151.054160537.13	558151	4160537	WRKR_57	WORKER	3.99E-02	2.65E-06	3.68E-02	4.17E-06	3.68E-02	5.90E-06
558151.054160547.13	558151	4160547	WRKR_58	WORKER	4.45E-02	2.68E-06	4.10E-02	4.20E-06	4.10E-02	5.95E-06
558151.054160557.13	558151	4160557	WRKR_59	WORKER	4.99E-02	2.70E-06	4.60E-02	4.24E-06	4.60E-02	5.99E-06
558151.054160567.13	558151	4160567	WRKR_60	WORKER	5.63E-02	2.71E-06	5.18E-02	4.26E-06	5.18E-02	6.03E-06
558151.054160577.13	558151	4160577	WRKR_61	WORKER	6.36E-02	2.73E-06	5.85E-02	4.28E-06	5.85E-02	6.06E-06
558151.054160587.13	558151	4160587	WRKR_62	WORKER	7.21E-02	2.73E-06	6.63E-02	4.30E-06	6.63E-02	6.08E-06
558151.054160597.13	558151	4160597	WRKR_63	WORKER	8.26E-02	2.74E-06	7.60E-02	4.30E-06	7.60E-02	6.09E-06
558151.054160607.13	558151	4160607	WRKR_64	WORKER	9.47E-02	2.74E-06	8.71E-02	4.30E-06	8.71E-02	6.08E-06
558151.054160617.13	558151	4160617	WRKR_65	WORKER	1.08E-01	2.73E-06	9.95E-02	4.29E-06	9.95E-02	6.06E-06
558161.054160547.13	558161	4160547	WRKR_66	WORKER	4.69E-02	2.82E-06	4.31E-02	4.44E-06	4.31E-02	6.27E-06
558161.054160557.13	558161	4160557	WRKR_67	WORKER	5.25E-02	2.85E-06	4.83E-02	4.47E-06	4.83E-02	6.32E-06
558161.054160567.13	558161	4160567	WRKR_68	WORKER	5.95E-02	2.87E-06	5.48E-02	4.50E-06	5.48E-02	6.37E-06
558161.054160577.13	558161	4160577	WRKR_69	WORKER	6.78E-02	2.88E-06	6.24E-02	4.53E-06	6.24E-02	6.40E-06
558161.054160587.13	558161	4160587	WRKR_70	WORKER	7.74E-02	2.89E-06	7.12E-02	4.55E-06	7.12E-02	6.43E-06
558161.054160597.13	558161	4160597	WRKR_71	WORKER	9.06E-02	2.90E-06	8.33E-02	4.55E-06	8.33E-02	6.44E-06
558161.054160607.13	558161	4160607	WRKR_72	WORKER	1.04E-01	2.89E-06	9.53E-02	4.55E-06	9.53E-02	6.43E-06
558171.054160557.13	558171	4160557	WRKR_73	WORKER	5.55E-02	3.01E-06	5.10E-02	4.73E-06	5.10E-02	6.69E-06
558171.054160567.13	558171	4160567	WRKR_74	WORKER	6.26E-02	3.03E-06	5.76E-02	4.77E-06	5.76E-02	6.74E-06
558171.054160577.13	558171	4160577	WRKR_75	WORKER	7.19E-02	3.05E-06	6.61E-02	4.80E-06	6.61E-02	6.78E-06
558171.054160587.13	558171	4160587	WRKR_76	WORKER	8.27E-02	3.07E-06	7.61E-02	4.82E-06	7.61E-02	6.81E-06
558171.054160597.13	558171	4160597	WRKR_77	WORKER	9.78E-02	3.07E-06	9.00E-02	4.83E-06	9.00E-02	6.83E-06
558181.054160567.13	558181	4160567	WRKR_78	WORKER	6.62E-02	3.22E-06	6.10E-02	5.06E-06	6.10E-02	7.16E-06
558181.054160577.13	558181	4160577	WRKR_79	WORKER	7.60E-02	3.24E-06	6.99E-02	5.10E-06	6.99E-02	7.21E-06
558181.054160587.13	558181	4160587	WRKR_80	WORKER	8.83E-02	3.26E-06	8.12E-02	5.12E-06	8.12E-02	7.24E-06
558191.054160577.13	558191	4160577	WRKR_81	WORKER	7.93E-02	3.44E-06	7.29E-02	5.40E-06	7.29E-02	7.64E-06
558368.544160582.33	558369	4160582	WRKR_82	WORKER	5.29E-02	2.26E-05	4.87E-02	3.55E-05	4.87E-02	5.02E-05
558378.544160582.33	558379	4160582	WRKR_83	WORKER	5.01E-02	2.38E-05	4.61E-02	3.74E-05	4.61E-02	5.28E-05
558378.544160592.33	558379	4160592	WRKR_84	WORKER	5.67E-02	2.90E-05	5.22E-02	4.55E-05	5.22E-02	6.43E-05
558378.544160602.33	558379	4160602	WRKR_85	WORKER	6.39E-02	3.54E-05	5.88E-02	5.57E-05	5.88E-02	7.88E-05
558378.544160612.33	558379	4160612	WRKR_86	WORKER	7.45E-02	4.75E-05	6.85E-02	7.46E-05	6.85E-02	1.06E-04
558388.544160582.33	558389	4160582	WRKR_87	WORKER	4.68E-02	2.49E-05	4.31E-02	3.92E-05	4.31E-02	5.54E-05
558388.544160592.33	558389	4160592	WRKR_88	WORKER	5.26E-02	3.06E-05	4.84E-02	4.81E-05	4.84E-02	6.81E-05

RESIDENTIAL CONCENTRATIONS & DOSE

					s	X	s	X		
					3rd Tri		0<2		2<16	
					Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)	
XY	X	Y	Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558388.544160602.33	558389	4160602	WRKR_89	WORKER	5.89E-02	3.77E-05	5.42E-02	5.93E-05	5.42E-02	8.38E-05
558388.544160612.33	558389	4160612	WRKR_90	WORKER	6.85E-02	3.35E-05	6.30E-02	5.27E-05	6.30E-02	7.45E-05
558398.544160582.33	558399	4160582	WRKR_91	WORKER	4.32E-02	2.63E-05	3.98E-02	4.13E-05	3.98E-02	5.85E-05
558398.544160592.33	558399	4160592	WRKR_92	WORKER	4.84E-02	3.17E-05	4.45E-02	4.97E-05	4.45E-02	7.03E-05
558398.544160602.33	558399	4160602	WRKR_93	WORKER	5.45E-02	3.99E-05	5.01E-02	6.26E-05	5.01E-02	8.86E-05
558398.544160612.33	558399	4160612	WRKR_94	WORKER	6.26E-02	3.72E-05	5.76E-02	5.84E-05	5.76E-02	8.26E-05
557976.094160490.12	557976	4160490	HLTN_1	RESIDENT	1.05E-02	1.26E-06	9.65E-03	1.98E-06	9.65E-03	2.80E-06
557976.094160500.12	557976	4160500	HLTN_2	RESIDENT	1.09E-02	1.27E-06	1.00E-02	1.99E-06	1.00E-02	2.82E-06
557976.094160510.12	557976	4160510	HLTN_3	RESIDENT	1.14E-02	1.28E-06	1.05E-02	2.01E-06	1.05E-02	2.84E-06
557976.094160520.12	557976	4160520	HLTN_4	RESIDENT	1.18E-02	1.28E-06	1.09E-02	2.02E-06	1.09E-02	2.85E-06
557976.094160530.12	557976	4160530	HLTN_5	RESIDENT	1.22E-02	1.29E-06	1.12E-02	2.03E-06	1.12E-02	2.87E-06
557986.094160480.12	557986	4160480	HLTN_6	RESIDENT	1.08E-02	1.29E-06	9.95E-03	2.03E-06	9.95E-03	2.87E-06
557986.094160490.12	557986	4160490	HLTN_7	RESIDENT	1.14E-02	1.31E-06	1.05E-02	2.05E-06	1.05E-02	2.90E-06
557986.094160500.12	557986	4160500	HLTN_8	RESIDENT	1.18E-02	1.31E-06	1.09E-02	2.06E-06	1.09E-02	2.92E-06
557986.094160510.12	557986	4160510	HLTN_9	RESIDENT	1.23E-02	1.32E-06	1.13E-02	2.08E-06	1.13E-02	2.94E-06
557986.094160520.12	557986	4160520	HLTN_10	RESIDENT	1.27E-02	1.33E-06	1.17E-02	2.09E-06	1.17E-02	2.95E-06
557986.094160530.12	557986	4160530	HLTN_11	RESIDENT	1.32E-02	1.34E-06	1.21E-02	2.10E-06	1.21E-02	2.97E-06
557996.094160480.12	557996	4160480	HLTN_12	RESIDENT	1.17E-02	1.34E-06	1.08E-02	2.11E-06	1.08E-02	2.98E-06
557996.094160490.12	557996	4160490	HLTN_13	RESIDENT	1.22E-02	1.35E-06	1.12E-02	2.12E-06	1.12E-02	3.00E-06
557996.094160500.12	557996	4160500	HLTN_14	RESIDENT	1.26E-02	1.36E-06	1.16E-02	2.14E-06	1.16E-02	3.02E-06
557996.094160510.12	557996	4160510	HLTN_15	RESIDENT	1.32E-02	1.37E-06	1.21E-02	2.15E-06	1.21E-02	3.04E-06
557996.094160520.12	557996	4160520	HLTN_16	RESIDENT	1.37E-02	1.37E-06	1.26E-02	2.16E-06	1.26E-02	3.06E-06
557996.094160530.12	557996	4160530	HLTN_17	RESIDENT	1.42E-02	1.38E-06	1.31E-02	2.17E-06	1.31E-02	3.07E-06
557996.094160540.12	557996	4160540	HLTN_18	RESIDENT	1.48E-02	1.39E-06	1.36E-02	2.18E-06	1.36E-02	3.08E-06
557996.094160550.12	557996	4160550	HLTN_19	RESIDENT	1.53E-02	1.39E-06	1.41E-02	2.19E-06	1.41E-02	3.09E-06
557996.094160560.12	557996	4160560	HLTN_20	RESIDENT	1.59E-02	1.40E-06	1.46E-02	2.19E-06	1.46E-02	3.10E-06
557996.094160570.12	557996	4160570	HLTN_21	RESIDENT	1.64E-02	1.40E-06	1.51E-02	2.20E-06	1.51E-02	3.11E-06
558006.094160480.12	558006	4160480	HLTN_22	RESIDENT	1.24E-02	1.39E-06	1.14E-02	2.18E-06	1.14E-02	3.08E-06
558006.094160490.12	558006	4160490	HLTN_23	RESIDENT	1.30E-02	1.40E-06	1.19E-02	2.20E-06	1.19E-02	3.11E-06
558006.094160500.12	558006	4160500	HLTN_24	RESIDENT	1.35E-02	1.41E-06	1.24E-02	2.21E-06	1.24E-02	3.13E-06
558006.094160510.12	558006	4160510	HLTN_25	RESIDENT	1.41E-02	1.41E-06	1.30E-02	2.22E-06	1.30E-02	3.14E-06
558006.094160520.12	558006	4160520	HLTN_26	RESIDENT	1.47E-02	1.42E-06	1.35E-02	2.24E-06	1.35E-02	3.16E-06
558006.094160530.12	558006	4160530	HLTN_27	RESIDENT	1.53E-02	1.43E-06	1.41E-02	2.25E-06	1.41E-02	3.18E-06
558006.094160540.12	558006	4160540	HLTN_28	RESIDENT	1.60E-02	1.44E-06	1.47E-02	2.26E-06	1.47E-02	3.19E-06
558006.094160550.12	558006	4160550	HLTN_29	RESIDENT	1.66E-02	1.44E-06	1.53E-02	2.26E-06	1.53E-02	3.20E-06
558006.094160560.12	558006	4160560	HLTN_30	RESIDENT	1.73E-02	1.45E-06	1.59E-02	2.27E-06	1.59E-02	3.21E-06
558006.094160570.12	558006	4160570	HLTN_31	RESIDENT	1.79E-02	1.45E-06	1.65E-02	2.27E-06	1.65E-02	3.22E-06
558016.094160480.12	558016	4160480	HLTN_32	RESIDENT	1.32E-02	1.44E-06	1.21E-02	2.26E-06	1.21E-02	3.19E-06
558016.094160490.12	558016	4160490	HLTN_33	RESIDENT	1.38E-02	1.45E-06	1.27E-02	2.27E-06	1.27E-02	3.21E-06
558016.094160500.12	558016	4160500	HLTN_34	RESIDENT	1.44E-02	1.46E-06	1.33E-02	2.29E-06	1.33E-02	3.24E-06
558016.094160510.12	558016	4160510	HLTN_35	RESIDENT	1.51E-02	1.46E-06	1.39E-02	2.30E-06	1.39E-02	3.25E-06
558016.094160520.12	558016	4160520	HLTN_36	RESIDENT	1.58E-02	1.47E-06	1.46E-02	2.31E-06	1.46E-02	3.27E-06
558016.094160530.12	558016	4160530	HLTN_37	RESIDENT	1.65E-02	1.48E-06	1.52E-02	2.33E-06	1.52E-02	3.29E-06
558016.094160540.12	558016	4160540	HLTN_38	RESIDENT	1.73E-02	1.49E-06	1.59E-02	2.34E-06	1.59E-02	3.31E-06
558016.094160550.12	558016	4160550	HLTN_39	RESIDENT	1.81E-02	1.49E-06	1.66E-02	2.35E-06	1.66E-02	3.32E-06
558016.094160560.12	558016	4160560	HLTN_40	RESIDENT	1.89E-02	1.50E-06	1.74E-02	2.35E-06	1.74E-02	3.33E-06
558016.094160570.12	558016	4160570	HLTN_41	RESIDENT	1.97E-02	1.50E-06	1.81E-02	2.36E-06	1.81E-02	3.34E-06
558026.094160480.12	558026	4160480	HLTN_42	RESIDENT	1.40E-02	1.49E-06	1.29E-02	2.34E-06	1.29E-02	3.31E-06
558026.094160490.12	558026	4160490	HLTN_43	RESIDENT	1.47E-02	1.50E-06	1.35E-02	2.35E-06	1.35E-02	3.33E-06
558026.094160500.12	558026	4160500	HLTN_44	RESIDENT	1.54E-02	1.51E-06	1.42E-02	2.37E-06	1.42E-02	3.35E-06
558026.094160510.12	558026	4160510	HLTN_45	RESIDENT	1.62E-02	1.51E-06	1.49E-02	2.38E-06	1.49E-02	3.37E-06
558026.094160520.12	558026	4160520	HLTN_46	RESIDENT	1.70E-02	1.52E-06	1.56E-02	2.40E-06	1.56E-02	3.39E-06
558026.094160530.12	558026	4160530	HLTN_47	RESIDENT	1.78E-02	1.54E-06	1.64E-02	2.41E-06	1.64E-02	3.41E-06
558026.094160540.12	558026	4160540	HLTN_48	RESIDENT	1.87E-02	1.54E-06	1.72E-02	2.43E-06	1.72E-02	3.43E-06
558026.094160550.12	558026	4160550	HLTN_49	RESIDENT	1.97E-02	1.55E-06	1.81E-02	2.44E-06	1.81E-02	3.44E-06
558026.094160560.12	558026	4160560	HLTN_50	RESIDENT	2.06E-02	1.55E-06	1.90E-02	2.44E-06	1.90E-02	3.45E-06
558026.094160570.12	558026	4160570	HLTN_51	RESIDENT	2.16E-02	1.56E-06	1.99E-02	2.45E-06	1.99E-02	3.46E-06
558036.094160480.12	558036	4160480	HLTN_52	RESIDENT	1.48E-02	1.54E-06	1.36E-02	2.42E-06	1.36E-02	3.42E-06
558036.094160490.12	558036	4160490	HLTN_53	RESIDENT	1.56E-02	1.55E-06	1.44E-02	2.44E-06	1.44E-02	3.45E-06
558036.094160500.12	558036	4160500	HLTN_54	RESIDENT	1.63E-02	1.56E-06	1.50E-02	2.45E-06	1.50E-02	3.46E-06
558036.094160510.12	558036	4160510	HLTN_55	RESIDENT	1.70E-02	1.57E-06	1.56E-02	2.46E-06	1.56E-02	3.48E-06
558036.094160520.12	558036	4160520	HLTN_56	RESIDENT	1.80E-02	1.58E-06	1.66E-02	2.48E-06	1.66E-02	3.51E-06
558036.094160530.12	558036	4160530	HLTN_57	RESIDENT	1.92E-02	1.59E-06	1.77E-02	2.50E-06	1.77E-02	3.54E-06
558036.094160540.12	558036	4160540	HLTN_58	RESIDENT	2.03E-02	1.60E-06	1.87E-02	2.52E-06	1.87E-02	3.56E-06
558036.094160550.12	558036	4160550	HLTN_59	RESIDENT	2.14E-02	1.61E-06	1.97E-02	2.53E-06	1.97E-02	3.58E-06
558036.094160560.12	558036	4160560	HLTN_60	RESIDENT	2.25E-02	1.61E-06	2.07E-02	2.54E-06	2.07E-02	3.59E-06
558046.094160480.12	558046	4160480	HLTN_61	RESIDENT	1.53E-02	1.59E-06	1.41E-02	2.49E-06	1.41E-02	3.53E-06
558046.094160490.12	558046	4160490	HLTN_62	RESIDENT	1.61E-02	1.60E-06	1.48E-02	2.51E-06	1.48E-02	3.55E-06
558046.094160500.12	558046	4160500	HLTN_63	RESIDENT	1.70E-02	1.61E-06	1.56E-02	2.53E-06	1.56E-02	3.57E-06
558046.094160510.12	558046	4160510	HLTN_64	RESIDENT	1.79E-02	1.62E-06	1.64E-02	2.54E-06	1.64E-02	3.59E-06
558046.094160520.12	558046	4160520	HLTN_65	RESIDENT	1.92E-02	1.64E-06	1.76E-02	2.57E-06	1.76E-02	3.64E-06
558046.094160530.12	558046	4160530	HLTN_66	RESIDENT	2.07E-02	1.65E-06	1.91E-02	2.60E-06	1.91E-02	3.68E-06
558046.094160540.12	558046	4160540	HLTN_67	RESIDENT	2.19E-02	1.66E-06	2.02E-02	2.62E-06	2.02E-02	3.70E-06
558046.094160550.12	558046	4160550	HLTN_68	RESIDENT	2.32E-02	1.67E-06	2.14E-02	2.63E-06	2.14E-02	3.72E-06
558056.094160480.12	558056	4160480	HLTN_69	RESIDENT	1.60E-02	1.64E-06	1.47E-02	2.58E-06	1.47E-02	3.65E-06
558056.094160490.12	558056	4160490	HLTN_70	RESIDENT	1.69E-02	1.65E-06	1.55E-02	2.60E-06	1.55E-02	3.67E-06
558056.094160500.12	558056	4160500	HLTN_71	RESIDENT	1.78E-02	1.66E-06	1.64E-02	2.61E-06	1.64E-02	3.69E-06
558056.094160510.12	558056	4160510	HLTN_72	RESIDENT	1.89E-02	1.67E-06	1.74E-02	2.63E-06	1.74E-02	3.72E-06
558056.094160520.12	558056	4160520	HLTN_73	RESIDENT	2.05E-02	1.70E-06	1.89E-02	2.67E-06	1.89E-02	3.78E-06
558056.094160530.12	558056	4160530	HLTN_74	RESIDENT	2.23E-02	1.72E-06	2.05E-02	2.70E-06	2.05E-02	3.82E-06
558056.094160540.12	558056	4160540	HLTN_75	RESIDENT	2.37E-02	1.73E-06	2.18E-02	2.72E-06	2.18E-02	3.85E-06
558066.094160480.12	558066	4160480	HLTN_76	RESIDENT	1.74E-02	1.72E-06	1.60E-02	2.71E-06	1.60E-02	3.83E-06
558066.094160490.12	558066	4160490	HLTN_77	RESIDENT	1.84E-02	1.73E-06	1.69E-02	2.73E-06	1.69E-02	3.85E-06
558066.094160500.12	558066	4160500	HLTN_78	RESIDENT	1.90E-02	1.73E-06	1.75E-02	2.72E-06	1.75E-02	3.85E-06
558066.094160510.12	558066	4160510	HLTN_79	RESIDENT	2.06E-02	1.76E-06	1.89E-02	2.76E-06	1.89E-02	3.91E-06
558066.094160520.12	558066	4160520	HLTN_80	RESIDENT	2.23E-02	1.78E-06	2.06E-02	2.79E-06	2.06E-02	3.95E-06
558066.094160530.12	558066	4160530	HLTN_81	RESIDENT	2.38E-02	1.79E-06	2.19E-02	2.82E-06	2.19E-02	3.98E-06
558076.094160480.12	558076	4160480	HLTN_82	RESIDENT	1.82E-02	1.80E-06	1.67E-02	2.82E-06	1.67E-02	3.99E-06
558076.094160490.12	558076	4160490	HLTN_83	RESIDENT	1.94E-02	1.81E-06	1.79E-02	2.84E-06	1.79E-02	4.02E-06
558076.094160500.12	558076	4160500	HLTN_84	RESIDENT	2.00E-02	1.80E-06	1.84E-02	2.84E-06	1.84E-02	4.01E-06
558076.094160510.12	558076	4160510	HLTN_85	RESIDENT	2.22E-02	1.84E-06	2.04E-02	2.88E-06	2.04E-02	4.08E-06
558076.094160520.12	558076	4160520	HLTN_86	RESIDENT	2.37E-02	1.85E-06	2.18E-02	2.91E-06	2.18E-02	4.12E-06
558086.094160490.12	558086	4160490	HLTN_87	RESIDENT	2.02E-02	1.88E-06	1.86E-02	2.95E-06	1.86E-02	4.18E-06
558086.094160500.12	558086	4160500	HLTN_88	RESIDENT	2.13E-02	1.89E-06	1.96E-02	2.97E-06	1.96E-02	4.20E-06
558086.094160510.12	558086	4160510	HLTN_89	RESIDENT	2.34E-02	1.91E-06	2.15E-02	3.01E-06	2.15E-02	4.26E-06
558096.094160490.12	558096	4160490	HLTN_90	RESIDENT	2.09E-02	1.96E-06	1.93E-02	3.08E-06	1.93E-02	4.35E-06
558096.094160500.12	558096	4160500	HLTN_91	RESIDENT	2.29E-02	1.98E-06	2.10E-02	3.11E-06	2.10E-02	4.40E-06
558186.784160496.28	558187	4160496	WRKR_95	WORKER	2.65E-02	3.06E-06	2.44E-02	4.80E-06	2.44E-02	6.79E-06
558186.784160506.28	558187	4160506	WRKR_96	WORKER	2.91E-02	3.08E-06	2.68E-02	4.83E-06	2.68E-02	6.83E-06
558196.784160496.28	558197	4160496	WRKR_97	WORKER	2.65E-02	3.25E-06	2.44E-02	5.10E-06	2.44E-02	7.22E-06
558196.784160506.28	558197	4160506	WRKR_98	WORKER	2.90E-02	3.27E-06	2.67E-02	5.14E-06	2.67E-02	7.27E-06
558196.784160516.28	558197	4160516	WRKR_99	WORKER	3.23E-02	3.30E-06	2.97E-02	5.18E-06	2.97E-02	7.33E-06
558196.784160526.28	558197	4160526	WRKR_100	WORKER	3.66E-02	3.35E-06	3.37E-02	5.26E-06	3.37E-02	7.44E-06

RESIDENTIAL CONCENTRATIONS & DOSE

					s	X	s	X		
					3rd Tri		0<2		2<16	
					Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)	
XY	X	Y	Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558206.784160506.28	558207	4160506	WRKR_101	WORKER	2.90E-02	3.50E-06	2.67E-02	5.49E-06	2.67E-02	7.77E-06
558206.784160516.28	558207	4160516	WRKR_102	WORKER	3.23E-02	3.54E-06	2.97E-02	5.56E-06	2.97E-02	7.87E-06
558206.784160526.28	558207	4160526	WRKR_103	WORKER	3.62E-02	3.58E-06	3.33E-02	5.62E-06	3.33E-02	7.95E-06
558206.784160536.28	558207	4160536	WRKR_104	WORKER	4.14E-02	3.63E-06	3.81E-02	5.71E-06	3.81E-02	8.07E-06
558216.784160516.28	558217	4160516	WRKR_105	WORKER	3.20E-02	3.79E-06	2.95E-02	5.95E-06	2.95E-02	8.41E-06
558216.784160526.28	558217	4160526	WRKR_106	WORKER	3.58E-02	3.84E-06	3.30E-02	6.03E-06	3.30E-02	8.53E-06
558216.784160536.28	558217	4160536	WRKR_107	WORKER	4.05E-02	3.89E-06	3.73E-02	6.11E-06	3.73E-02	8.64E-06
558216.784160546.28	558217	4160546	WRKR_108	WORKER	4.65E-02	3.94E-06	4.28E-02	6.18E-06	4.28E-02	8.74E-06
558226.784160526.28	558227	4160526	WRKR_109	WORKER	3.53E-02	4.12E-06	3.25E-02	6.47E-06	3.25E-02	9.15E-06
558226.784160536.28	558227	4160536	WRKR_110	WORKER	4.01E-02	4.18E-06	3.69E-02	6.57E-06	3.69E-02	9.29E-06
558226.784160546.28	558227	4160546	WRKR_111	WORKER	4.59E-02	4.25E-06	4.23E-02	6.68E-06	4.23E-02	9.44E-06
558236.784160536.28	558237	4160536	WRKR_112	WORKER	3.90E-02	4.51E-06	3.59E-02	7.08E-06	3.59E-02	1.00E-05
558115.174160402.59	558115	4160403	WRKR_113	WORKER	1.23E-02	1.96E-06	1.13E-02	3.08E-06	1.13E-02	4.36E-06
558115.174160412.59	558115	4160413	WRKR_114	WORKER	1.31E-02	1.98E-06	1.20E-02	3.12E-06	1.20E-02	4.41E-06
558115.174160422.59	558115	4160423	WRKR_115	WORKER	1.40E-02	2.00E-06	1.29E-02	3.15E-06	1.29E-02	4.45E-06
558115.174160432.59	558115	4160433	WRKR_116	WORKER	1.50E-02	2.02E-06	1.38E-02	3.18E-06	1.38E-02	4.50E-06
558115.174160442.59	558115	4160443	WRKR_117	WORKER	1.60E-02	2.05E-06	1.48E-02	3.21E-06	1.48E-02	4.54E-06
558125.174160392.59	558125	4160393	WRKR_118	WORKER	1.16E-02	2.02E-06	1.07E-02	3.18E-06	1.07E-02	4.49E-06
558125.174160402.59	558125	4160403	WRKR_119	WORKER	1.24E-02	2.04E-06	1.14E-02	3.21E-06	1.14E-02	4.54E-06
558125.174160412.59	558125	4160413	WRKR_120	WORKER	1.32E-02	2.07E-06	1.22E-02	3.25E-06	1.22E-02	4.59E-06
558125.174160422.59	558125	4160423	WRKR_121	WORKER	1.42E-02	2.09E-06	1.31E-02	3.28E-06	1.31E-02	4.64E-06
558125.174160432.59	558125	4160433	WRKR_122	WORKER	1.52E-02	2.11E-06	1.40E-02	3.32E-06	1.40E-02	4.69E-06
558125.174160442.59	558125	4160443	WRKR_123	WORKER	1.63E-02	2.14E-06	1.50E-02	3.36E-06	1.50E-02	4.74E-06
558135.174160372.59	558135	4160373	WRKR_124	WORKER	1.03E-02	2.05E-06	9.45E-03	3.23E-06	9.45E-03	4.56E-06
558135.174160382.59	558135	4160383	WRKR_125	WORKER	1.09E-02	2.08E-06	1.01E-02	3.27E-06	1.01E-02	4.62E-06
558135.174160392.59	558135	4160393	WRKR_126	WORKER	1.17E-02	2.11E-06	1.07E-02	3.31E-06	1.07E-02	4.68E-06
558135.174160402.59	558135	4160403	WRKR_127	WORKER	1.25E-02	2.13E-06	1.15E-02	3.35E-06	1.15E-02	4.73E-06
558135.174160412.59	558135	4160413	WRKR_128	WORKER	1.34E-02	2.16E-06	1.23E-02	3.39E-06	1.23E-02	4.79E-06
558135.174160422.59	558135	4160423	WRKR_129	WORKER	1.43E-02	2.18E-06	1.32E-02	3.43E-06	1.32E-02	4.85E-06
558135.174160432.59	558135	4160433	WRKR_130	WORKER	1.54E-02	2.21E-06	1.42E-02	3.47E-06	1.42E-02	4.90E-06
558135.174160442.59	558135	4160443	WRKR_131	WORKER	1.66E-02	2.23E-06	1.53E-02	3.51E-06	1.53E-02	4.96E-06
558145.174160372.59	558145	4160373	WRKR_132	WORKER	1.03E-02	2.14E-06	9.44E-03	3.36E-06	9.44E-03	4.75E-06
558145.174160382.59	558145	4160383	WRKR_133	WORKER	1.09E-02	2.17E-06	1.01E-02	3.41E-06	1.01E-02	4.82E-06
558145.174160392.59	558145	4160393	WRKR_134	WORKER	1.17E-02	2.20E-06	1.08E-02	3.45E-06	1.08E-02	4.88E-06
558145.174160402.59	558145	4160403	WRKR_135	WORKER	1.25E-02	2.22E-06	1.15E-02	3.49E-06	1.15E-02	4.94E-06
558145.174160412.59	558145	4160413	WRKR_136	WORKER	1.34E-02	2.25E-06	1.23E-02	3.54E-06	1.23E-02	5.00E-06
558145.174160422.59	558145	4160423	WRKR_137	WORKER	1.44E-02	2.28E-06	1.33E-02	3.58E-06	1.33E-02	5.07E-06
558145.174160432.59	558145	4160433	WRKR_138	WORKER	1.55E-02	2.31E-06	1.43E-02	3.63E-06	1.43E-02	5.13E-06
558145.174160442.59	558145	4160443	WRKR_139	WORKER	1.67E-02	2.34E-06	1.54E-02	3.67E-06	1.54E-02	5.19E-06
558155.174160372.59	558155	4160373	WRKR_140	WORKER	1.02E-02	2.23E-06	9.40E-03	3.50E-06	9.40E-03	4.95E-06
558155.174160382.59	558155	4160383	WRKR_141	WORKER	1.09E-02	2.26E-06	1.00E-02	3.55E-06	1.00E-02	5.03E-06
558155.174160392.59	558155	4160393	WRKR_142	WORKER	1.17E-02	2.29E-06	1.07E-02	3.60E-06	1.07E-02	5.09E-06
558155.174160402.59	558155	4160403	WRKR_143	WORKER	1.25E-02	2.32E-06	1.15E-02	3.65E-06	1.15E-02	5.16E-06
558155.174160412.59	558155	4160413	WRKR_144	WORKER	1.34E-02	2.35E-06	1.23E-02	3.70E-06	1.23E-02	5.23E-06
558155.174160422.59	558155	4160423	WRKR_145	WORKER	1.44E-02	2.38E-06	1.33E-02	3.75E-06	1.33E-02	5.30E-06
558155.174160432.59	558155	4160433	WRKR_146	WORKER	1.56E-02	2.42E-06	1.43E-02	3.80E-06	1.43E-02	5.37E-06
558155.174160442.59	558155	4160443	WRKR_147	WORKER	1.68E-02	2.45E-06	1.55E-02	3.85E-06	1.55E-02	5.44E-06
558165.174160362.59	558165	4160363	WRKR_148	WORKER	9.51E-03	2.29E-06	8.75E-03	3.59E-06	8.75E-03	5.08E-06
558165.174160372.59	558165	4160373	WRKR_149	WORKER	1.01E-02	2.32E-06	9.33E-03	3.65E-06	9.33E-03	5.17E-06
558165.174160382.59	558165	4160383	WRKR_150	WORKER	1.08E-02	2.36E-06	9.97E-03	3.71E-06	9.97E-03	5.24E-06
558165.174160392.59	558165	4160393	WRKR_151	WORKER	1.16E-02	2.39E-06	1.07E-02	3.76E-06	1.07E-02	5.32E-06
558165.174160402.59	558165	4160403	WRKR_152	WORKER	1.24E-02	2.43E-06	1.14E-02	3.82E-06	1.14E-02	5.40E-06
558165.174160412.59	558165	4160413	WRKR_153	WORKER	1.34E-02	2.46E-06	1.23E-02	3.87E-06	1.23E-02	5.47E-06
558165.174160422.59	558165	4160423	WRKR_154	WORKER	1.44E-02	2.50E-06	1.32E-02	3.92E-06	1.32E-02	5.55E-06
558165.174160432.59	558165	4160433	WRKR_155	WORKER	1.55E-02	2.53E-06	1.43E-02	3.98E-06	1.43E-02	5.63E-06
558175.174160362.59	558175	4160363	WRKR_156	WORKER	9.41E-03	2.39E-06	8.66E-03	3.75E-06	8.66E-03	5.30E-06
558175.174160372.59	558175	4160373	WRKR_157	WORKER	1.00E-02	2.42E-06	9.23E-03	3.81E-06	9.23E-03	5.39E-06
558175.174160382.59	558175	4160383	WRKR_158	WORKER	1.07E-02	2.46E-06	9.87E-03	3.87E-06	9.87E-03	5.47E-06
558175.174160392.59	558175	4160393	WRKR_159	WORKER	1.15E-02	2.50E-06	1.06E-02	3.93E-06	1.06E-02	5.56E-06
558175.174160402.59	558175	4160403	WRKR_160	WORKER	1.23E-02	2.54E-06	1.13E-02	3.99E-06	1.13E-02	5.65E-06
558175.174160412.59	558175	4160413	WRKR_161	WORKER	1.33E-02	2.58E-06	1.22E-02	4.05E-06	1.22E-02	5.73E-06
558175.174160422.59	558175	4160423	WRKR_162	WORKER	1.43E-02	2.62E-06	1.32E-02	4.12E-06	1.32E-02	5.82E-06
558185.174160362.59	558185	4160363	WRKR_163	WORKER	9.27E-03	2.49E-06	8.54E-03	3.91E-06	8.54E-03	5.53E-06
558185.174160372.59	558185	4160373	WRKR_164	WORKER	9.89E-03	2.53E-06	9.11E-03	3.98E-06	9.11E-03	5.62E-06
558185.174160382.59	558185	4160383	WRKR_165	WORKER	1.06E-02	2.57E-06	9.74E-03	4.04E-06	9.74E-03	5.72E-06
558185.174160392.59	558185	4160393	WRKR_166	WORKER	1.13E-02	2.62E-06	1.04E-02	4.11E-06	1.04E-02	5.81E-06
558185.174160402.59	558185	4160403	WRKR_167	WORKER	1.22E-02	2.66E-06	1.12E-02	4.18E-06	1.12E-02	5.91E-06
558185.174160412.59	558185	4160413	WRKR_168	WORKER	1.31E-02	2.70E-06	1.21E-02	4.25E-06	1.21E-02	6.01E-06
558185.174160422.59	558185	4160423	WRKR_169	WORKER	1.41E-02	2.75E-06	1.30E-02	4.32E-06	1.30E-02	6.10E-06
558185.174160432.59	558185	4160433	WRKR_170	WORKER	1.53E-02	2.79E-06	1.41E-02	4.38E-06	1.41E-02	6.20E-06
558185.174160442.59	558185	4160443	WRKR_171	WORKER	1.65E-02	2.83E-06	1.52E-02	4.45E-06	1.52E-02	6.29E-06
558195.174160362.59	558195	4160363	WRKR_172	WORKER	9.12E-03	2.60E-06	8.39E-03	4.08E-06	8.39E-03	5.77E-06
558195.174160372.59	558195	4160373	WRKR_173	WORKER	9.73E-03	2.64E-06	8.95E-03	4.15E-06	8.95E-03	5.87E-06
558195.174160382.59	558195	4160383	WRKR_174	WORKER	1.04E-02	2.69E-06	9.58E-03	4.22E-06	9.58E-03	5.97E-06
558195.174160392.59	558195	4160393	WRKR_175	WORKER	1.12E-02	2.74E-06	1.03E-02	4.30E-06	1.03E-02	6.08E-06
558195.174160402.59	558195	4160403	WRKR_176	WORKER	1.20E-02	2.79E-06	1.10E-02	4.38E-06	1.10E-02	6.19E-06
558195.174160412.59	558195	4160413	WRKR_177	WORKER	1.29E-02	2.83E-06	1.19E-02	4.45E-06	1.19E-02	6.30E-06
558195.174160422.59	558195	4160423	WRKR_178	WORKER	1.39E-02	2.88E-06	1.28E-02	4.53E-06	1.28E-02	6.41E-06
558195.174160432.59	558195	4160433	WRKR_179	WORKER	1.51E-02	2.93E-06	1.39E-02	4.61E-06	1.39E-02	6.52E-06
558195.174160442.59	558195	4160443	WRKR_180	WORKER	1.63E-02	2.98E-06	1.50E-02	4.68E-06	1.50E-02	6.61E-06
558195.174160452.59	558195	4160453	WRKR_181	WORKER	1.76E-02	3.02E-06	1.62E-02	4.74E-06	1.62E-02	6.71E-06
558205.174160362.59	558205	4160363	WRKR_182	WORKER	8.95E-03	2.71E-06	8.23E-03	4.26E-06	8.23E-03	6.02E-06
558205.174160372.59	558205	4160373	WRKR_183	WORKER	9.55E-03	2.76E-06	8.79E-03	4.34E-06	8.79E-03	6.13E-06
558205.174160382.59	558205	4160383	WRKR_184	WORKER	1.02E-02	2.81E-06	9.40E-03	4.42E-06	9.40E-03	6.25E-06
558205.174160392.59	558205	4160393	WRKR_185	WORKER	1.09E-02	2.86E-06	1.01E-02	4.50E-06	1.01E-02	6.37E-06
558205.174160402.59	558205	4160403	WRKR_186	WORKER	1.18E-02	2.92E-06	1.08E-02	4.59E-06	1.08E-02	6.49E-06
558205.174160412.59	558205	4160413	WRKR_187	WORKER	1.27E-02	2.97E-06	1.16E-02	4.67E-06	1.16E-02	6.61E-06
558205.174160422.59	558205	4160423	WRKR_188	WORKER	1.37E-02	3.03E-06	1.26E-02	4.76E-06	1.26E-02	6.73E-06
558205.174160432.59	558205	4160433	WRKR_189	WORKER	1.48E-02	3.08E-06	1.36E-02	4.84E-06	1.36E-02	6.85E-06
558205.174160442.59	558205	4160443	WRKR_190	WORKER	1.60E-02	3.14E-06	1.47E-02	4.93E-06	1.47E-02	6.97E-06
558205.174160452.59	558205	4160453	WRKR_191	WORKER	1.74E-02	3.18E-06	1.60E-02	5.00E-06	1.60E-02	7.08E-06
558205.174160462.59	558205	4160463	WRKR_192	WORKER	1.89E-02	3.24E-06	1.74E-02	5.08E-06	1.74E-02	7.19E-06
558215.174160362.59	558215	4160363	WRKR_193	WORKER	8.76E-03	2.83E-06	8.06E-03	4.44E-06	8.06E-03	6.28E-06
558215.174160372.59	558215	4160373	WRKR_194	WORKER	9.35E-03	2.88E-06	8.60E-03	4.53E-06	8.60E-03	6.41E-06
558215.174160382.59	558215	4160383	WRKR_195	WORKER	1.00E-02	2.94E-06	9.20E-03	4.62E-06	9.20E-03	6.54E-06
558215.174160392.59	558215	4160393	WRKR_196	WORKER	1.07E-02	3.00E-06	9.86E-03	4.71E-06	9.86E-03	6.67E-06
558215.174160402.59	558215	4160403	WRKR_197	WORKER	1.15E-02	3.06E-06	1.06E-02	4.81E-06	1.06E-02	6.80E-06
558215.174160412.59	558215	4160413	WRKR_198	WORKER	1.24E-02	3.12E-06	1.14E-02	4.91E-06	1.14E-02	6.94E-06
558215.174160422.59	558215	4160423	WRKR_199	WORKER	1.34E-02	3.18E-06	1.23E-02	5.00E-06	1.23E-02	7.07E-06
558215.174160432.59	558215	4160433	WRKR_200	WORKER	1.44E-02	3.24E-06	1.33E-02	5.10E-06	1.33E-02	7.21E-06
558215.174160442.59	558215	4160443	WRKR_201	WORKER	1.57E-02	3.31E-06	1.44E-02	5.20E-06	1.44E-02	7.35E-06
558215.174160452.59	558215	4160453	WRKR_202	WORKER	1.71E-02	3.37E-06	1.57E-02	5.30E-06	1.57E-02	7.49E-06
558215.174160462.59	558215	4160463	WRKR_203	WORKER	1.85E-02	3.42E-06	1.70E-02	5.38E-06	1.70E-02	7.61E-06

RESIDENTIAL CONCENTRATIONS & DOSE

					s	X	s	X		
					3rd Tri		0<2		2<16	
					Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)	
XY	X	Y	Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558215.174160472.59	558215	4160473	WRKR_204	WORKER	2.02E-02	3.48E-06	1.86E-02	5.47E-06	1.86E-02	7.74E-06
558225.174160362.59	558225	4160363	WRKR_205	WORKER	8.56E-03	2.95E-06	7.87E-03	4.63E-06	7.87E-03	6.55E-06
558225.174160372.59	558225	4160373	WRKR_206	WORKER	9.13E-03	3.01E-06	8.40E-03	4.73E-06	8.40E-03	6.69E-06
558225.174160382.59	558225	4160383	WRKR_207	WORKER	9.77E-03	3.08E-06	8.99E-03	4.84E-06	8.99E-03	6.84E-06
558225.174160392.59	558225	4160393	WRKR_208	WORKER	1.05E-02	3.14E-06	9.63E-03	4.94E-06	9.63E-03	6.99E-06
558225.174160402.59	558225	4160403	WRKR_209	WORKER	1.12E-02	3.21E-06	1.03E-02	5.04E-06	1.03E-02	7.13E-06
558225.174160412.59	558225	4160413	WRKR_210	WORKER	1.21E-02	3.28E-06	1.11E-02	5.15E-06	1.11E-02	7.28E-06
558225.174160422.59	558225	4160423	WRKR_211	WORKER	1.30E-02	3.34E-06	1.20E-02	5.26E-06	1.20E-02	7.43E-06
558225.174160432.59	558225	4160433	WRKR_212	WORKER	1.41E-02	3.41E-06	1.30E-02	5.37E-06	1.30E-02	7.59E-06
558225.174160442.59	558225	4160443	WRKR_213	WORKER	1.53E-02	3.49E-06	1.41E-02	5.48E-06	1.41E-02	7.75E-06
558225.174160452.59	558225	4160453	WRKR_214	WORKER	1.66E-02	3.56E-06	1.53E-02	5.59E-06	1.53E-02	7.90E-06
558225.174160462.59	558225	4160463	WRKR_215	WORKER	1.81E-02	3.63E-06	1.67E-02	5.70E-06	1.67E-02	8.06E-06
558225.174160472.59	558225	4160473	WRKR_216	WORKER	1.98E-02	3.70E-06	1.82E-02	5.81E-06	1.82E-02	8.21E-06
558225.174160482.59	558225	4160483	WRKR_217	WORKER	2.17E-02	3.76E-06	2.00E-02	5.91E-06	2.00E-02	8.36E-06
558235.174160362.59	558235	4160363	WRKR_218	WORKER	8.34E-03	3.08E-06	7.68E-03	4.84E-06	7.68E-03	6.84E-06
558235.174160372.59	558235	4160373	WRKR_219	WORKER	8.90E-03	3.15E-06	8.19E-03	4.95E-06	8.19E-03	7.00E-06
558235.174160382.59	558235	4160383	WRKR_220	WORKER	9.52E-03	3.22E-06	8.76E-03	5.06E-06	8.76E-03	7.16E-06
558235.174160392.59	558235	4160393	WRKR_221	WORKER	1.02E-02	3.29E-06	9.39E-03	5.18E-06	9.39E-03	7.32E-06
558235.174160402.59	558235	4160403	WRKR_222	WORKER	1.09E-02	3.37E-06	1.01E-02	5.29E-06	1.01E-02	7.48E-06
558235.174160412.59	558235	4160413	WRKR_223	WORKER	1.18E-02	3.44E-06	1.08E-02	5.41E-06	1.08E-02	7.65E-06
558235.174160422.59	558235	4160423	WRKR_224	WORKER	1.27E-02	3.52E-06	1.17E-02	5.53E-06	1.17E-02	7.82E-06
558235.174160432.59	558235	4160433	WRKR_225	WORKER	1.37E-02	3.60E-06	1.26E-02	5.65E-06	1.26E-02	7.99E-06
558235.174160442.59	558235	4160443	WRKR_226	WORKER	1.49E-02	3.68E-06	1.37E-02	5.78E-06	1.37E-02	8.17E-06
558235.174160452.59	558235	4160453	WRKR_227	WORKER	1.62E-02	3.76E-06	1.49E-02	5.91E-06	1.49E-02	8.35E-06
558235.174160462.59	558235	4160463	WRKR_228	WORKER	1.77E-02	3.84E-06	1.62E-02	6.04E-06	1.62E-02	8.54E-06
558235.174160472.59	558235	4160473	WRKR_229	WORKER	1.93E-02	3.93E-06	1.78E-02	6.17E-06	1.78E-02	8.73E-06
558235.174160482.59	558235	4160483	WRKR_230	WORKER	2.12E-02	4.01E-06	1.95E-02	6.30E-06	1.95E-02	8.90E-06
558235.174160492.59	558235	4160493	WRKR_231	WORKER	2.33E-02	4.08E-06	2.15E-02	6.41E-06	2.15E-02	9.07E-06
558245.174160362.59	558245	4160363	WRKR_232	WORKER	8.13E-03	3.21E-06	7.48E-03	5.05E-06	7.48E-03	7.14E-06
558245.174160372.59	558245	4160373	WRKR_233	WORKER	8.67E-03	3.29E-06	7.98E-03	5.17E-06	7.98E-03	7.31E-06
558245.174160382.59	558245	4160383	WRKR_234	WORKER	9.27E-03	3.37E-06	8.53E-03	5.29E-06	8.53E-03	7.49E-06
558245.174160392.59	558245	4160393	WRKR_235	WORKER	9.92E-03	3.45E-06	9.13E-03	5.42E-06	9.13E-03	7.67E-06
558245.174160402.59	558245	4160403	WRKR_236	WORKER	1.07E-02	3.53E-06	9.80E-03	5.55E-06	9.80E-03	7.85E-06
558245.174160412.59	558245	4160413	WRKR_237	WORKER	1.14E-02	3.62E-06	1.05E-02	5.68E-06	1.05E-02	8.03E-06
558245.174160422.59	558245	4160423	WRKR_238	WORKER	1.23E-02	3.70E-06	1.14E-02	5.82E-06	1.14E-02	8.23E-06
558245.174160432.59	558245	4160433	WRKR_239	WORKER	1.33E-02	3.79E-06	1.23E-02	5.96E-06	1.23E-02	8.42E-06
558245.174160442.59	558245	4160443	WRKR_240	WORKER	1.44E-02	3.88E-06	1.33E-02	6.10E-06	1.33E-02	8.62E-06
558245.174160452.59	558245	4160453	WRKR_241	WORKER	1.57E-02	3.98E-06	1.45E-02	6.25E-06	1.45E-02	8.83E-06
558245.174160462.59	558245	4160463	WRKR_242	WORKER	1.72E-02	4.07E-06	1.58E-02	6.40E-06	1.58E-02	9.05E-06
558245.174160472.59	558245	4160473	WRKR_243	WORKER	1.88E-02	4.17E-06	1.73E-02	6.55E-06	1.73E-02	9.26E-06
558245.174160482.59	558245	4160483	WRKR_244	WORKER	2.06E-02	4.27E-06	1.90E-02	6.71E-06	1.90E-02	9.48E-06
558245.174160492.59	558245	4160493	WRKR_245	WORKER	2.27E-02	4.36E-06	2.09E-02	6.85E-06	2.09E-02	9.69E-06
558245.174160502.59	558245	4160503	WRKR_246	WORKER	2.51E-02	4.45E-06	2.31E-02	6.99E-06	2.31E-02	9.89E-06
558255.174160362.59	558255	4160363	WRKR_247	WORKER	7.90E-03	3.35E-06	7.27E-03	5.27E-06	7.27E-03	7.45E-06
558255.174160372.59	558255	4160373	WRKR_248	WORKER	8.43E-03	3.44E-06	7.75E-03	5.40E-06	7.75E-03	7.64E-06
558255.174160382.59	558255	4160383	WRKR_249	WORKER	9.00E-03	3.52E-06	8.29E-03	5.54E-06	8.29E-03	7.83E-06
558255.174160392.59	558255	4160393	WRKR_250	WORKER	9.64E-03	3.61E-06	8.87E-03	5.68E-06	8.87E-03	8.03E-06
558255.174160402.59	558255	4160403	WRKR_251	WORKER	1.03E-02	3.71E-06	9.52E-03	5.82E-06	9.52E-03	8.23E-06
558255.174160412.59	558255	4160413	WRKR_252	WORKER	1.11E-02	3.80E-06	1.02E-02	5.97E-06	1.02E-02	8.45E-06
558255.174160422.59	558255	4160423	WRKR_253	WORKER	1.20E-02	3.90E-06	1.10E-02	6.12E-06	1.10E-02	8.66E-06
558255.174160432.59	558255	4160433	WRKR_254	WORKER	1.29E-02	3.99E-06	1.19E-02	6.28E-06	1.19E-02	8.88E-06
558255.174160442.59	558255	4160443	WRKR_255	WORKER	1.40E-02	4.10E-06	1.29E-02	6.44E-06	1.29E-02	9.11E-06
558255.174160452.59	558255	4160453	WRKR_256	WORKER	1.53E-02	4.21E-06	1.40E-02	6.61E-06	1.40E-02	9.35E-06
558255.174160462.59	558255	4160463	WRKR_257	WORKER	1.66E-02	4.31E-06	1.53E-02	6.78E-06	1.53E-02	9.59E-06
558255.174160472.59	558255	4160473	WRKR_258	WORKER	1.82E-02	4.43E-06	1.68E-02	6.96E-06	1.68E-02	9.84E-06
558255.174160482.59	558255	4160483	WRKR_259	WORKER	2.00E-02	4.54E-06	1.84E-02	7.14E-06	1.84E-02	1.01E-05
558255.174160492.59	558255	4160493	WRKR_260	WORKER	2.21E-02	4.66E-06	2.04E-02	7.33E-06	2.04E-02	1.04E-05
558255.174160502.59	558255	4160503	WRKR_261	WORKER	2.45E-02	4.77E-06	2.25E-02	7.50E-06	2.25E-02	1.06E-05
558255.174160512.59	558255	4160513	WRKR_262	WORKER	2.72E-02	4.88E-06	2.50E-02	7.67E-06	2.50E-02	1.08E-05
558265.174160362.59	558265	4160363	WRKR_263	WORKER	7.67E-03	3.50E-06	7.06E-03	5.50E-06	7.06E-03	7.78E-06
558265.174160372.59	558265	4160373	WRKR_264	WORKER	8.18E-03	3.59E-06	7.53E-03	5.64E-06	7.53E-03	7.98E-06
558265.174160382.59	558265	4160383	WRKR_265	WORKER	8.74E-03	3.69E-06	8.04E-03	5.79E-06	8.04E-03	8.19E-06
558265.174160392.59	558265	4160393	WRKR_266	WORKER	9.35E-03	3.79E-06	8.61E-03	5.95E-06	8.61E-03	8.41E-06
558265.174160402.59	558265	4160403	WRKR_267	WORKER	1.00E-02	3.89E-06	9.23E-03	6.11E-06	9.23E-03	8.64E-06
558265.174160412.59	558265	4160413	WRKR_268	WORKER	1.08E-02	3.99E-06	9.92E-03	6.27E-06	9.92E-03	8.87E-06
558265.174160422.59	558265	4160423	WRKR_269	WORKER	1.16E-02	4.10E-06	1.07E-02	6.44E-06	1.07E-02	9.11E-06
558265.174160432.59	558265	4160433	WRKR_270	WORKER	1.26E-02	4.21E-06	1.16E-02	6.62E-06	1.16E-02	9.36E-06
558265.174160442.59	558265	4160443	WRKR_271	WORKER	1.36E-02	4.33E-06	1.25E-02	6.81E-06	1.25E-02	9.62E-06
558265.174160452.59	558265	4160453	WRKR_272	WORKER	1.48E-02	4.45E-06	1.36E-02	6.99E-06	1.36E-02	9.89E-06
558265.174160462.59	558265	4160463	WRKR_273	WORKER	1.61E-02	4.57E-06	1.48E-02	7.19E-06	1.48E-02	1.02E-05
558265.174160472.59	558265	4160473	WRKR_274	WORKER	1.77E-02	4.70E-06	1.63E-02	7.39E-06	1.63E-02	1.05E-05
558265.174160482.59	558265	4160483	WRKR_275	WORKER	1.94E-02	4.84E-06	1.79E-02	7.61E-06	1.79E-02	1.08E-05
558265.174160492.59	558265	4160493	WRKR_276	WORKER	2.15E-02	4.98E-06	1.98E-02	7.83E-06	1.98E-02	1.11E-05
558265.174160502.59	558265	4160503	WRKR_277	WORKER	2.39E-02	5.13E-06	2.20E-02	8.06E-06	2.20E-02	1.14E-05
558265.174160512.59	558265	4160513	WRKR_278	WORKER	2.66E-02	5.26E-06	2.45E-02	8.26E-06	2.45E-02	1.17E-05
558265.174160522.59	558265	4160523	WRKR_279	WORKER	2.98E-02	5.39E-06	2.75E-02	8.47E-06	2.75E-02	1.20E-05
558275.174160362.59	558275	4160363	WRKR_280	WORKER	7.44E-03	3.65E-06	6.84E-03	5.74E-06	6.84E-03	8.11E-06
558275.174160372.59	558275	4160373	WRKR_281	WORKER	7.93E-03	3.75E-06	7.29E-03	5.89E-06	7.29E-03	8.34E-06
558275.174160382.59	558275	4160383	WRKR_282	WORKER	8.47E-03	3.85E-06	7.79E-03	6.06E-06	7.79E-03	8.57E-06
558275.174160392.59	558275	4160393	WRKR_283	WORKER	9.06E-03	3.96E-06	8.34E-03	6.23E-06	8.34E-03	8.81E-06
558275.174160402.59	558275	4160403	WRKR_284	WORKER	9.72E-03	4.08E-06	8.94E-03	6.40E-06	8.94E-03	9.06E-06
558275.174160412.59	558275	4160413	WRKR_285	WORKER	1.04E-02	4.19E-06	9.61E-03	6.59E-06	9.61E-03	9.32E-06
558275.174160422.59	558275	4160423	WRKR_286	WORKER	1.13E-02	4.31E-06	1.04E-02	6.78E-06	1.04E-02	9.58E-06
558275.174160432.59	558275	4160433	WRKR_287	WORKER	1.22E-02	4.44E-06	1.12E-02	6.98E-06	1.12E-02	9.87E-06
558275.174160442.59	558275	4160443	WRKR_288	WORKER	1.32E-02	4.57E-06	1.21E-02	7.18E-06	1.21E-02	1.02E-05
558275.174160452.59	558275	4160453	WRKR_289	WORKER	1.43E-02	4.71E-06	1.32E-02	7.40E-06	1.32E-02	1.05E-05
558275.174160462.59	558275	4160463	WRKR_290	WORKER	1.56E-02	4.85E-06	1.44E-02	7.62E-06	1.44E-02	1.08E-05
558275.174160472.59	558275	4160473	WRKR_291	WORKER	1.71E-02	5.00E-06	1.58E-02	7.86E-06	1.58E-02	1.11E-05
558275.174160482.59	558275	4160483	WRKR_292	WORKER	1.89E-02	5.16E-06	1.74E-02	8.11E-06	1.74E-02	1.15E-05
558275.174160492.59	558275	4160493	WRKR_293	WORKER	2.09E-02	5.32E-06	1.92E-02	8.37E-06	1.92E-02	1.18E-05
558275.174160502.59	558275	4160503	WRKR_294	WORKER	2.33E-02	5.50E-06	2.14E-02	8.64E-06	2.14E-02	1.22E-05
558275.174160512.59	558275	4160513	WRKR_295	WORKER	2.61E-02	5.68E-06	2.40E-02	8.93E-06	2.40E-02	1.26E-05
558275.174160522.59	558275	4160523	WRKR_296	WORKER	2.94E-02	5.85E-06	2.71E-02	9.20E-06	2.71E-02	1.30E-05
558275.174160532.59	558275	4160533	WRKR_297	WORKER	3.33E-02	6.02E-06	3.07E-02	9.46E-06	3.07E-02	1.34E-05
558285.174160362.59	558285	4160363	WRKR_298	WORKER	7.20E-03	3.81E-06	6.63E-03	5.98E-06	6.63E-03	8.46E-06
558285.174160372.59	558285	4160373	WRKR_299	WORKER	7.67E-03	3.92E-06	7.06E-03	6.15E-06	7.06E-03	8.70E-06
558285.174160382.59	558285	4160383	WRKR_300	WORKER	8.20E-03	4.03E-06	7.54E-03	6.33E-06	7.54E-03	8.95E-06
558285.174160392.59	558285	4160393	WRKR_301	WORKER	8.77E-03	4.15E-06	8.07E-03	6.52E-06	8.07E-03	9.22E-06
558285.174160402.59	558285	4160403	WRKR_302	WORKER	9.41E-03	4.27E-06	8.66E-03	6.71E-06	8.66E-03	9.49E-06
558285.174160412.59	558285	4160413	WRKR_303	WORKER	1.01E-02	4.40E-06	9.31E-03	6.91E-06	9.31E-03	9.78E-06
558285.174160422.59	558285	4160423	WRKR_304	WORKER	1.09E-02	4.54E-06	1.00E-02	7.13E-06	1.00E-02	1.01E-05
558285.174160432.59	558285	4160433	WRKR_305	WORKER	1.18E-02	4.68E-06	1.08E-02	7.35E-06	1.08E-02	1.04E-05
558285.174160442.59	558285	4160443	WRKR_306	WORKER	1.28E-02	4.82E-06	1.18E-02	7.58E-06	1.18E-02	1.07E-05

RESIDENTIAL CONCENTRATIONS & DOSE

					s	X	s	X		
					3rd Tri		0<2		2<16	
					Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)	
XY	X	Y	Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558285.174160452.59	558285	4160453	WRKR_307	WORKER	1.39E-02	4.98E-06	1.28E-02	7.82E-06	1.28E-02	1.11E-05
558285.174160462.59	558285	4160463	WRKR_308	WORKER	1.52E-02	5.14E-06	1.40E-02	8.08E-06	1.40E-02	1.14E-05
558285.174160472.59	558285	4160473	WRKR_309	WORKER	1.67E-02	5.32E-06	1.53E-02	8.36E-06	1.53E-02	1.18E-05
558285.174160482.59	558285	4160483	WRKR_310	WORKER	1.83E-02	5.50E-06	1.69E-02	8.64E-06	1.69E-02	1.22E-05
558285.174160492.59	558285	4160493	WRKR_311	WORKER	2.03E-02	5.69E-06	1.87E-02	8.94E-06	1.87E-02	1.26E-05
558285.174160502.59	558285	4160503	WRKR_312	WORKER	2.27E-02	5.90E-06	2.09E-02	9.27E-06	2.09E-02	1.31E-05
558285.174160512.59	558285	4160513	WRKR_313	WORKER	2.55E-02	6.12E-06	2.35E-02	9.62E-06	2.35E-02	1.36E-05
558285.174160522.59	558285	4160523	WRKR_314	WORKER	2.89E-02	6.35E-06	2.66E-02	9.97E-06	2.66E-02	1.41E-05
558285.174160532.59	558285	4160533	WRKR_315	WORKER	3.29E-02	6.56E-06	3.03E-02	1.03E-05	3.03E-02	1.46E-05
558295.174160362.59	558295	4160363	WRKR_316	WORKER	6.97E-03	3.97E-06	6.41E-03	6.24E-06	6.41E-03	8.82E-06
558295.174160372.59	558295	4160373	WRKR_317	WORKER	7.42E-03	4.09E-06	6.83E-03	6.42E-06	6.83E-03	9.08E-06
558295.174160382.59	558295	4160383	WRKR_318	WORKER	7.93E-03	4.21E-06	7.29E-03	6.61E-06	7.29E-03	9.35E-06
558295.174160392.59	558295	4160393	WRKR_319	WORKER	8.48E-03	4.34E-06	7.80E-03	6.81E-06	7.80E-03	9.64E-06
558295.174160402.59	558295	4160403	WRKR_320	WORKER	9.10E-03	4.47E-06	8.37E-03	7.02E-06	8.37E-03	9.93E-06
558295.174160412.59	558295	4160413	WRKR_321	WORKER	9.78E-03	4.61E-06	9.00E-03	7.25E-06	9.00E-03	1.03E-05
558295.174160422.59	558295	4160423	WRKR_322	WORKER	1.05E-02	4.76E-06	9.70E-03	7.49E-06	9.70E-03	1.06E-05
558295.174160432.59	558295	4160433	WRKR_323	WORKER	1.14E-02	4.92E-06	1.05E-02	7.73E-06	1.05E-02	1.09E-05
558295.174160442.59	558295	4160443	WRKR_324	WORKER	1.24E-02	5.09E-06	1.14E-02	7.99E-06	1.14E-02	1.13E-05
558295.174160452.59	558295	4160453	WRKR_325	WORKER	1.35E-02	5.26E-06	1.24E-02	8.27E-06	1.24E-02	1.17E-05
558295.174160462.59	558295	4160463	WRKR_326	WORKER	1.47E-02	5.45E-06	1.36E-02	8.57E-06	1.36E-02	1.21E-05
558295.174160472.59	558295	4160473	WRKR_327	WORKER	1.62E-02	5.65E-06	1.49E-02	8.87E-06	1.49E-02	1.25E-05
558295.174160482.59	558295	4160483	WRKR_328	WORKER	1.78E-02	5.86E-06	1.64E-02	9.20E-06	1.64E-02	1.30E-05
558295.174160492.59	558295	4160493	WRKR_329	WORKER	1.98E-02	6.08E-06	1.82E-02	9.55E-06	1.82E-02	1.35E-05
558295.174160502.59	558295	4160503	WRKR_330	WORKER	2.21E-02	6.32E-06	2.04E-02	9.93E-06	2.04E-02	1.40E-05
558295.174160512.59	558295	4160513	WRKR_331	WORKER	2.50E-02	6.59E-06	2.30E-02	1.04E-05	2.30E-02	1.47E-05
558295.174160522.59	558295	4160523	WRKR_332	WORKER	2.84E-02	6.87E-06	2.61E-02	1.08E-05	2.61E-02	1.53E-05
558295.174160532.59	558295	4160533	WRKR_333	WORKER	3.24E-02	7.15E-06	2.98E-02	1.12E-05	2.98E-02	1.59E-05
558305.174160362.59	558305	4160363	WRKR_334	WORKER	6.74E-03	4.14E-06	6.20E-03	6.50E-06	6.20E-03	9.19E-06
558305.174160372.59	558305	4160373	WRKR_335	WORKER	7.17E-03	4.26E-06	6.60E-03	6.70E-06	6.60E-03	9.47E-06
558305.174160382.59	558305	4160383	WRKR_336	WORKER	7.66E-03	4.39E-06	7.05E-03	6.90E-06	7.05E-03	9.76E-06
558305.174160392.59	558305	4160393	WRKR_337	WORKER	8.19E-03	4.53E-06	7.54E-03	7.12E-06	7.54E-03	1.01E-05
558305.174160402.59	558305	4160403	WRKR_338	WORKER	8.79E-03	4.66E-06	8.09E-03	7.33E-06	8.09E-03	1.04E-05
558305.174160412.59	558305	4160413	WRKR_339	WORKER	9.45E-03	4.82E-06	8.70E-03	7.57E-06	8.70E-03	1.07E-05
558305.174160422.59	558305	4160423	WRKR_340	WORKER	1.02E-02	4.99E-06	9.38E-03	7.85E-06	9.38E-03	1.11E-05
558305.174160432.59	558305	4160433	WRKR_341	WORKER	1.10E-02	5.17E-06	1.01E-02	8.13E-06	1.01E-02	1.15E-05
558305.174160442.59	558305	4160443	WRKR_342	WORKER	1.20E-02	5.36E-06	1.10E-02	8.42E-06	1.10E-02	1.19E-05
558305.174160452.59	558305	4160453	WRKR_343	WORKER	1.31E-02	5.55E-06	1.20E-02	8.73E-06	1.20E-02	1.23E-05
558305.174160462.59	558305	4160463	WRKR_344	WORKER	1.43E-02	5.76E-06	1.31E-02	9.06E-06	1.31E-02	1.28E-05
558305.174160472.59	558305	4160473	WRKR_345	WORKER	1.57E-02	5.99E-06	1.45E-02	9.41E-06	1.45E-02	1.33E-05
558305.174160482.59	558305	4160483	WRKR_346	WORKER	1.74E-02	6.23E-06	1.60E-02	9.79E-06	1.60E-02	1.38E-05
558305.174160492.59	558305	4160493	WRKR_347	WORKER	1.93E-02	6.49E-06	1.78E-02	1.02E-05	1.78E-02	1.44E-05
558305.174160502.59	558305	4160503	WRKR_348	WORKER	2.16E-02	6.78E-06	1.99E-02	1.07E-05	1.99E-02	1.51E-05
558305.174160512.59	558305	4160513	WRKR_349	WORKER	2.45E-02	7.10E-06	2.25E-02	1.12E-05	2.25E-02	1.58E-05
558305.174160522.59	558305	4160523	WRKR_350	WORKER	2.79E-02	7.44E-06	2.56E-02	1.17E-05	2.56E-02	1.65E-05
558305.174160532.59	558305	4160533	WRKR_351	WORKER	3.19E-02	7.80E-06	2.94E-02	1.23E-05	2.94E-02	1.73E-05
558315.174160362.59	558315	4160363	WRKR_352	WORKER	6.51E-03	4.31E-06	5.99E-03	6.77E-06	5.99E-03	9.57E-06
558315.174160372.59	558315	4160373	WRKR_353	WORKER	6.93E-03	4.44E-06	6.38E-03	6.98E-06	6.38E-03	9.87E-06
558315.174160382.59	558315	4160383	WRKR_354	WORKER	7.40E-03	4.58E-06	6.81E-03	7.19E-06	6.81E-03	1.02E-05
558315.174160392.59	558315	4160393	WRKR_355	WORKER	7.91E-03	4.72E-06	7.28E-03	7.42E-06	7.28E-03	1.05E-05
558315.174160402.59	558315	4160403	WRKR_356	WORKER	8.49E-03	4.88E-06	7.81E-03	7.67E-06	7.81E-03	1.08E-05
558315.174160412.59	558315	4160413	WRKR_357	WORKER	9.13E-03	5.04E-06	8.40E-03	7.92E-06	8.40E-03	1.12E-05
558315.174160422.59	558315	4160423	WRKR_358	WORKER	9.85E-03	5.22E-06	9.07E-03	8.21E-06	9.07E-03	1.16E-05
558315.174160432.59	558315	4160433	WRKR_359	WORKER	1.07E-02	5.42E-06	9.82E-03	8.52E-06	9.82E-03	1.20E-05
558315.174160442.59	558315	4160443	WRKR_360	WORKER	1.16E-02	5.63E-06	1.07E-02	8.84E-06	1.07E-02	1.25E-05
558315.174160452.59	558315	4160453	WRKR_361	WORKER	1.26E-02	5.85E-06	1.16E-02	9.19E-06	1.16E-02	1.30E-05
558315.174160462.59	558315	4160463	WRKR_362	WORKER	1.39E-02	6.08E-06	1.28E-02	9.56E-06	1.28E-02	1.35E-05
558315.174160472.59	558315	4160473	WRKR_363	WORKER	1.53E-02	6.34E-06	1.41E-02	9.96E-06	1.41E-02	1.41E-05
558315.174160482.59	558315	4160483	WRKR_364	WORKER	1.69E-02	6.61E-06	1.56E-02	1.04E-05	1.56E-02	1.47E-05
558315.174160492.59	558315	4160493	WRKR_365	WORKER	1.89E-02	6.92E-06	1.74E-02	1.09E-05	1.74E-02	1.54E-05
558315.174160502.59	558315	4160503	WRKR_366	WORKER	2.12E-02	7.26E-06	1.95E-02	1.14E-05	1.95E-02	1.61E-05
558315.174160512.59	558315	4160513	WRKR_367	WORKER	2.40E-02	7.63E-06	2.21E-02	1.20E-05	2.21E-02	1.70E-05
558315.174160522.59	558315	4160523	WRKR_368	WORKER	2.74E-02	8.05E-06	2.52E-02	1.27E-05	2.52E-02	1.79E-05
558315.174160532.59	558315	4160533	WRKR_369	WORKER	3.14E-02	8.49E-06	2.89E-02	1.33E-05	2.89E-02	1.89E-05
558325.174160362.59	558325	4160363	WRKR_370	WORKER	6.29E-03	4.48E-06	5.79E-03	7.04E-06	5.79E-03	9.96E-06
558325.174160372.59	558325	4160373	WRKR_371	WORKER	6.69E-03	4.62E-06	6.16E-03	7.27E-06	6.16E-03	1.03E-05
558325.174160382.59	558325	4160383	WRKR_372	WORKER	7.14E-03	4.77E-06	6.57E-03	7.49E-06	6.57E-03	1.06E-05
558325.174160392.59	558325	4160393	WRKR_373	WORKER	7.64E-03	4.93E-06	7.03E-03	7.74E-06	7.03E-03	1.09E-05
558325.174160402.59	558325	4160403	WRKR_374	WORKER	8.20E-03	5.10E-06	7.54E-03	8.01E-06	7.54E-03	1.13E-05
558325.174160412.59	558325	4160413	WRKR_375	WORKER	8.82E-03	5.28E-06	8.12E-03	8.29E-06	8.12E-03	1.17E-05
558325.174160422.59	558325	4160423	WRKR_376	WORKER	9.52E-03	5.47E-06	8.76E-03	8.60E-06	8.76E-03	1.22E-05
558325.174160432.59	558325	4160433	WRKR_377	WORKER	1.03E-02	5.68E-06	9.49E-03	8.92E-06	9.49E-03	1.26E-05
558325.174160442.59	558325	4160443	WRKR_378	WORKER	1.12E-02	5.90E-06	1.03E-02	9.28E-06	1.03E-02	1.31E-05
558325.174160452.59	558325	4160453	WRKR_379	WORKER	1.23E-02	6.15E-06	1.13E-02	9.66E-06	1.13E-02	1.37E-05
558325.174160462.59	558325	4160463	WRKR_380	WORKER	1.35E-02	6.41E-06	1.24E-02	1.01E-05	1.24E-02	1.42E-05
558325.174160472.59	558325	4160473	WRKR_381	WORKER	1.49E-02	6.69E-06	1.37E-02	1.05E-05	1.37E-02	1.49E-05
558325.174160482.59	558325	4160483	WRKR_382	WORKER	1.65E-02	7.00E-06	1.52E-02	1.10E-05	1.52E-02	1.56E-05
558325.174160492.59	558325	4160493	WRKR_383	WORKER	1.84E-02	7.35E-06	1.70E-02	1.16E-05	1.70E-02	1.63E-05
558325.174160502.59	558325	4160503	WRKR_384	WORKER	2.08E-02	7.74E-06	1.91E-02	1.22E-05	1.91E-02	1.72E-05
558325.174160512.59	558325	4160513	WRKR_385	WORKER	2.35E-02	8.19E-06	2.17E-02	1.29E-05	2.17E-02	1.82E-05
558325.174160522.59	558325	4160523	WRKR_386	WORKER	2.69E-02	8.68E-06	2.47E-02	1.36E-05	2.47E-02	1.93E-05
558325.174160532.59	558325	4160533	WRKR_387	WORKER	3.07E-02	9.21E-06	2.83E-02	1.45E-05	2.83E-02	2.05E-05
558335.174160362.59	558335	4160363	WRKR_388	WORKER	6.07E-03	4.66E-06	5.59E-03	7.32E-06	5.59E-03	1.04E-05
558335.174160372.59	558335	4160373	WRKR_389	WORKER	6.46E-03	4.82E-06	5.95E-03	7.57E-06	5.95E-03	1.07E-05
558335.174160382.59	558335	4160383	WRKR_390	WORKER	6.90E-03	4.97E-06	6.35E-03	7.81E-06	6.35E-03	1.10E-05
558335.174160392.59	558335	4160393	WRKR_391	WORKER	7.38E-03	5.14E-06	6.79E-03	8.07E-06	6.79E-03	1.14E-05
558335.174160402.59	558335	4160403	WRKR_392	WORKER	7.92E-03	5.32E-06	7.29E-03	8.36E-06	7.29E-03	1.18E-05
558335.174160412.59	558335	4160413	WRKR_393	WORKER	8.52E-03	5.51E-06	7.84E-03	8.66E-06	7.84E-03	1.22E-05
558335.174160422.59	558335	4160423	WRKR_394	WORKER	9.21E-03	5.72E-06	8.47E-03	8.98E-06	8.47E-03	1.27E-05
558335.174160432.59	558335	4160433	WRKR_395	WORKER	9.98E-03	5.93E-06	9.19E-03	9.32E-06	9.19E-03	1.32E-05
558335.174160442.59	558335	4160443	WRKR_396	WORKER	1.09E-02	6.18E-06	1.00E-02	9.71E-06	1.00E-02	1.37E-05
558335.174160452.59	558335	4160453	WRKR_397	WORKER	1.19E-02	6.44E-06	1.09E-02	1.01E-05	1.09E-02	1.43E-05
558335.174160462.59	558335	4160463	WRKR_398	WORKER	1.31E-02	6.73E-06	1.20E-02	1.06E-05	1.20E-02	1.49E-05
558335.174160472.59	558335	4160473	WRKR_399	WORKER	1.44E-02	7.04E-06	1.33E-02	1.11E-05	1.33E-02	1.56E-05
558335.174160482.59	558335	4160483	WRKR_400	WORKER	1.61E-02	7.39E-06	1.48E-02	1.16E-05	1.48E-02	1.64E-05
558335.174160492.59	558335	4160493	WRKR_401	WORKER	1.80E-02	7.78E-06	1.66E-02	1.22E-05	1.66E-02	1.73E-05
558335.174160502.59	558335	4160503	WRKR_402	WORKER	2.03E-02	8.23E-06	1.87E-02	1.29E-05	1.87E-02	1.83E-05
558335.174160512.59	558335	4160513	WRKR_403	WORKER	2.31E-02	8.74E-06	2.12E-02	1.37E-05	2.12E-02	1.94E-05
558335.174160522.59	558335	4160523	WRKR_404	WORKER	2.63E-02	9.31E-06	2.42E-02	1.46E-05	2.42E-02	2.07E-05
558335.174160532.59	558335	4160533	WRKR_405	WORKER	3.01E-02	9.94E-06	2.77E-02	1.56E-05	2.77E-02	2.21E-05
558345.174160362.59	558345	4160363	WRKR_406	WORKER	5.87E-03	4.84E-06	5.40E-03	7.61E-06	5.40E-03	1.08E-05
558345.174160372.59	558345	4160373	WRKR_407	WORKER	6.25E-03	5.01E-06	5.75E-03	7.87E-06	5.75E-03	1.11E-05
558345.174160382.59	558345	4160383	WRKR_408	WORKER	6.67E-03	5.18E-06	6.13E-03	8.15E-06	6.13E-03	1.15E-05
558345.174160392.59	558345	4160393	WRKR_409	WORKER	7.13E-03	5.36E-06	6.56E-03	8.42E-06	6.56E-03	1.19E-05

RESIDENTIAL CONCENTRATIONS & DOSE

					s	X	s	X		
					3rd Tri		0<2		2<16	
					Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)	
XY	X	Y	Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558345.174160402.59	558345	4160403	WRKR_410	WORKER	7.66E-03	5.55E-06	7.05E-03	8.72E-06	7.05E-03	1.23E-05
558345.174160412.59	558345	4160413	WRKR_411	WORKER	8.24E-03	5.75E-06	7.59E-03	9.04E-06	7.59E-03	1.28E-05
558345.174160422.59	558345	4160423	WRKR_412	WORKER	8.91E-03	5.97E-06	8.20E-03	9.38E-06	8.20E-03	1.33E-05
558345.174160432.59	558345	4160433	WRKR_413	WORKER	9.67E-03	6.21E-06	8.90E-03	9.75E-06	8.90E-03	1.38E-05
558345.174160442.59	558345	4160443	WRKR_414	WORKER	1.05E-02	6.44E-06	9.70E-03	1.01E-05	9.70E-03	1.43E-05
558345.174160452.59	558345	4160453	WRKR_415	WORKER	1.15E-02	6.73E-06	1.06E-02	1.06E-05	1.06E-02	1.50E-05
558345.174160462.59	558345	4160463	WRKR_416	WORKER	1.27E-02	7.05E-06	1.17E-02	1.11E-05	1.17E-02	1.57E-05
558345.174160472.59	558345	4160473	WRKR_417	WORKER	1.41E-02	7.39E-06	1.29E-02	1.16E-05	1.29E-02	1.64E-05
558345.174160482.59	558345	4160483	WRKR_418	WORKER	1.57E-02	7.77E-06	1.44E-02	1.22E-05	1.44E-02	1.73E-05
558345.174160492.59	558345	4160493	WRKR_419	WORKER	1.76E-02	8.20E-06	1.62E-02	1.29E-05	1.62E-02	1.82E-05
558345.174160502.59	558345	4160503	WRKR_420	WORKER	1.98E-02	8.69E-06	1.82E-02	1.37E-05	1.82E-02	1.93E-05
558345.174160512.59	558345	4160513	WRKR_421	WORKER	2.25E-02	9.26E-06	2.07E-02	1.46E-05	2.07E-02	2.06E-05
558345.174160522.59	558345	4160523	WRKR_422	WORKER	2.56E-02	9.91E-06	2.36E-02	1.56E-05	2.36E-02	2.20E-05
558345.174160532.59	558345	4160533	WRKR_423	WORKER	2.93E-02	1.06E-05	2.69E-02	1.67E-05	2.69E-02	2.36E-05
558355.174160362.59	558355	4160363	WRKR_424	WORKER	5.68E-03	5.03E-06	5.22E-03	7.91E-06	5.22E-03	1.12E-05
558355.174160372.59	558355	4160373	WRKR_425	WORKER	6.04E-03	5.21E-06	5.56E-03	8.18E-06	5.56E-03	1.16E-05
558355.174160382.59	558355	4160383	WRKR_426	WORKER	6.45E-03	5.39E-06	5.94E-03	8.47E-06	5.94E-03	1.20E-05
558355.174160392.59	558355	4160393	WRKR_427	WORKER	6.90E-03	5.59E-06	6.35E-03	8.78E-06	6.35E-03	1.24E-05
558355.174160402.59	558355	4160403	WRKR_428	WORKER	7.41E-03	5.78E-06	6.82E-03	9.09E-06	6.82E-03	1.28E-05
558355.174160412.59	558355	4160413	WRKR_429	WORKER	7.99E-03	6.00E-06	7.35E-03	9.43E-06	7.35E-03	1.33E-05
558355.174160422.59	558355	4160423	WRKR_430	WORKER	8.64E-03	6.23E-06	7.95E-03	9.79E-06	7.95E-03	1.38E-05
558355.174160432.59	558355	4160433	WRKR_431	WORKER	9.38E-03	6.48E-06	8.63E-03	1.02E-05	8.63E-03	1.44E-05
558355.174160442.59	558355	4160443	WRKR_432	WORKER	1.02E-02	6.74E-06	9.42E-03	1.06E-05	9.42E-03	1.50E-05
558355.174160452.59	558355	4160453	WRKR_433	WORKER	1.12E-02	7.04E-06	1.03E-02	1.11E-05	1.03E-02	1.56E-05
558355.174160462.59	558355	4160463	WRKR_434	WORKER	1.24E-02	7.37E-06	1.14E-02	1.16E-05	1.14E-02	1.64E-05
558355.174160472.59	558355	4160473	WRKR_435	WORKER	1.37E-02	7.74E-06	1.26E-02	1.22E-05	1.26E-02	1.72E-05
558355.174160482.59	558355	4160483	WRKR_436	WORKER	1.53E-02	8.13E-06	1.40E-02	1.28E-05	1.40E-02	1.81E-05
558355.174160492.59	558355	4160493	WRKR_437	WORKER	1.71E-02	8.59E-06	1.57E-02	1.35E-05	1.57E-02	1.91E-05
558355.174160502.59	558355	4160503	WRKR_438	WORKER	1.93E-02	9.13E-06	1.78E-02	1.43E-05	1.78E-02	2.03E-05
558355.174160512.59	558355	4160513	WRKR_439	WORKER	2.19E-02	9.74E-06	2.01E-02	1.53E-05	2.01E-02	2.17E-05
558355.174160522.59	558355	4160523	WRKR_440	WORKER	2.49E-02	1.05E-05	2.29E-02	1.64E-05	2.29E-02	2.32E-05
558355.174160532.59	558355	4160533	WRKR_441	WORKER	2.84E-02	1.13E-05	2.61E-02	1.78E-05	2.61E-02	2.51E-05
558365.174160362.59	558365	4160363	WRKR_442	WORKER	5.50E-03	5.24E-06	5.06E-03	8.23E-06	5.06E-03	1.16E-05
558365.174160372.59	558365	4160373	WRKR_443	WORKER	5.86E-03	5.42E-06	5.39E-03	8.52E-06	5.39E-03	1.21E-05
558365.174160382.59	558365	4160383	WRKR_444	WORKER	6.25E-03	5.62E-06	5.75E-03	8.82E-06	5.75E-03	1.25E-05
558365.174160392.59	558365	4160393	WRKR_445	WORKER	6.69E-03	5.82E-06	6.16E-03	9.15E-06	6.16E-03	1.29E-05
558365.174160402.59	558365	4160403	WRKR_446	WORKER	7.19E-03	6.03E-06	6.62E-03	9.48E-06	6.62E-03	1.34E-05
558365.174160412.59	558365	4160413	WRKR_447	WORKER	7.75E-03	6.26E-06	7.13E-03	9.83E-06	7.13E-03	1.39E-05
558365.174160422.59	558365	4160423	WRKR_448	WORKER	8.39E-03	6.50E-06	7.72E-03	1.02E-05	7.72E-03	1.44E-05
558365.174160432.59	558365	4160433	WRKR_449	WORKER	9.12E-03	6.75E-06	8.39E-03	1.06E-05	8.39E-03	1.50E-05
558365.174160442.59	558365	4160443	WRKR_450	WORKER	9.96E-03	7.03E-06	9.17E-03	1.11E-05	9.17E-03	1.56E-05
558365.174160452.59	558365	4160453	WRKR_451	WORKER	1.09E-02	7.35E-06	1.01E-02	1.16E-05	1.01E-02	1.63E-05
558365.174160462.59	558365	4160463	WRKR_452	WORKER	1.21E-02	7.70E-06	1.11E-02	1.21E-05	1.11E-02	1.71E-05
558365.174160472.59	558365	4160473	WRKR_453	WORKER	1.34E-02	8.09E-06	1.23E-02	1.27E-05	1.23E-02	1.80E-05
558365.174160482.59	558365	4160483	WRKR_454	WORKER	1.49E-02	8.51E-06	1.37E-02	1.34E-05	1.37E-02	1.89E-05
558365.174160492.59	558365	4160493	WRKR_455	WORKER	1.67E-02	9.00E-06	1.54E-02	1.41E-05	1.54E-02	2.00E-05
558365.174160502.59	558365	4160503	WRKR_456	WORKER	1.88E-02	9.56E-06	1.73E-02	1.50E-05	1.73E-02	2.13E-05
558365.174160512.59	558365	4160513	WRKR_457	WORKER	2.13E-02	1.02E-05	1.96E-02	1.61E-05	1.96E-02	2.27E-05
558365.174160522.59	558365	4160523	WRKR_458	WORKER	2.41E-02	1.10E-05	2.22E-02	1.73E-05	2.22E-02	2.44E-05
558365.174160532.59	558365	4160533	WRKR_459	WORKER	2.75E-02	1.19E-05	2.53E-02	1.87E-05	2.53E-02	2.65E-05
558375.174160362.59	558375	4160363	WRKR_460	WORKER	5.34E-03	5.46E-06	4.91E-03	8.59E-06	4.91E-03	1.21E-05
558375.174160372.59	558375	4160373	WRKR_461	WORKER	5.69E-03	5.66E-06	5.23E-03	8.90E-06	5.23E-03	1.26E-05
558375.174160382.59	558375	4160383	WRKR_462	WORKER	6.07E-03	5.86E-06	5.59E-03	9.22E-06	5.59E-03	1.30E-05
558375.174160392.59	558375	4160393	WRKR_463	WORKER	6.50E-03	6.06E-06	5.99E-03	9.52E-06	5.99E-03	1.35E-05
558375.174160402.59	558375	4160403	WRKR_464	WORKER	6.99E-03	6.29E-06	6.43E-03	9.88E-06	6.43E-03	1.40E-05
558375.174160412.59	558375	4160413	WRKR_465	WORKER	7.54E-03	6.53E-06	6.94E-03	1.03E-05	6.94E-03	1.45E-05
558375.174160422.59	558375	4160423	WRKR_466	WORKER	8.17E-03	6.78E-06	7.52E-03	1.06E-05	7.52E-03	1.51E-05
558375.174160432.59	558375	4160433	WRKR_467	WORKER	8.89E-03	7.05E-06	8.18E-03	1.11E-05	8.18E-03	1.57E-05
558375.174160442.59	558375	4160443	WRKR_468	WORKER	9.71E-03	7.35E-06	8.94E-03	1.15E-05	8.94E-03	1.63E-05
558375.174160452.59	558375	4160453	WRKR_469	WORKER	1.07E-02	7.68E-06	9.81E-03	1.21E-05	9.81E-03	1.71E-05
558375.174160462.59	558375	4160463	WRKR_470	WORKER	1.18E-02	8.04E-06	1.08E-02	1.26E-05	1.08E-02	1.79E-05
558375.174160472.59	558375	4160473	WRKR_471	WORKER	1.31E-02	8.44E-06	1.20E-02	1.33E-05	1.20E-02	1.88E-05
558375.174160482.59	558375	4160483	WRKR_472	WORKER	1.46E-02	8.89E-06	1.34E-02	1.40E-05	1.34E-02	1.98E-05
558375.174160492.59	558375	4160493	WRKR_473	WORKER	1.63E-02	9.41E-06	1.50E-02	1.48E-05	1.50E-02	2.09E-05
558375.174160502.59	558375	4160503	WRKR_474	WORKER	1.83E-02	1.00E-05	1.69E-02	1.57E-05	1.69E-02	2.22E-05
558375.174160512.59	558375	4160513	WRKR_475	WORKER	2.07E-02	1.07E-05	1.90E-02	1.68E-05	1.90E-02	2.38E-05
558375.174160522.59	558375	4160523	WRKR_476	WORKER	2.34E-02	1.15E-05	2.15E-02	1.81E-05	2.15E-02	2.56E-05
558375.174160532.59	558375	4160533	WRKR_477	WORKER	2.65E-02	1.25E-05	2.44E-02	1.97E-05	2.44E-02	2.78E-05
558385.174160362.59	558385	4160363	WRKR_478	WORKER	5.20E-03	5.70E-06	4.78E-03	8.95E-06	4.78E-03	1.27E-05
558385.174160372.59	558385	4160373	WRKR_479	WORKER	5.53E-03	5.92E-06	5.09E-03	9.30E-06	5.09E-03	1.31E-05
558385.174160382.59	558385	4160383	WRKR_480	WORKER	5.91E-03	6.13E-06	5.44E-03	9.63E-06	5.44E-03	1.36E-05
558385.174160392.59	558385	4160393	WRKR_481	WORKER	6.34E-03	6.31E-06	5.83E-03	9.92E-06	5.83E-03	1.40E-05
558385.174160402.59	558385	4160403	WRKR_482	WORKER	6.82E-03	6.55E-06	6.27E-03	1.03E-05	6.27E-03	1.46E-05
558385.174160412.59	558385	4160413	WRKR_483	WORKER	7.36E-03	6.81E-06	6.77E-03	1.07E-05	6.77E-03	1.51E-05
558385.174160422.59	558385	4160423	WRKR_484	WORKER	7.98E-03	7.07E-06	7.34E-03	1.11E-05	7.34E-03	1.57E-05
558385.174160432.59	558385	4160433	WRKR_485	WORKER	8.69E-03	7.35E-06	8.00E-03	1.16E-05	8.00E-03	1.63E-05
558385.174160442.59	558385	4160443	WRKR_486	WORKER	9.50E-03	7.67E-06	8.74E-03	1.21E-05	8.74E-03	1.70E-05
558385.174160452.59	558385	4160453	WRKR_487	WORKER	1.04E-02	8.01E-06	9.60E-03	1.26E-05	9.60E-03	1.78E-05
558385.174160462.59	558385	4160463	WRKR_488	WORKER	1.15E-02	8.39E-06	1.06E-02	1.32E-05	1.06E-02	1.86E-05
558385.174160472.59	558385	4160473	WRKR_489	WORKER	1.28E-02	8.81E-06	1.18E-02	1.38E-05	1.18E-02	1.96E-05
558385.174160482.59	558385	4160483	WRKR_490	WORKER	1.42E-02	9.28E-06	1.31E-02	1.46E-05	1.31E-02	2.06E-05
558385.174160492.59	558385	4160493	WRKR_491	WORKER	1.59E-02	9.83E-06	1.47E-02	1.54E-05	1.47E-02	2.18E-05
558385.174160502.59	558385	4160503	WRKR_492	WORKER	1.79E-02	1.05E-05	1.64E-02	1.64E-05	1.64E-02	2.32E-05
558385.174160512.59	558385	4160513	WRKR_493	WORKER	2.01E-02	1.12E-05	1.85E-02	1.76E-05	1.85E-02	2.49E-05
558385.174160522.59	558385	4160523	WRKR_494	WORKER	2.27E-02	1.21E-05	2.09E-02	1.89E-05	2.09E-02	2.68E-05
558385.174160532.59	558385	4160533	WRKR_495	WORKER	2.56E-02	1.31E-05	2.35E-02	2.06E-05	2.35E-02	2.91E-05
558395.174160362.59	558395	4160363	WRKR_496	WORKER	5.07E-03	5.94E-06	4.66E-03	9.33E-06	4.66E-03	1.32E-05
558395.174160372.59	558395	4160373	WRKR_497	WORKER	5.40E-03	6.15E-06	4.97E-03	9.67E-06	4.97E-03	1.37E-05
558395.174160382.59	558395	4160383	WRKR_498	WORKER	5.78E-03	6.37E-06	5.32E-03	1.00E-05	5.32E-03	1.41E-05
558395.174160392.59	558395	4160393	WRKR_499	WORKER	6.20E-03	6.59E-06	5.70E-03	1.04E-05	5.70E-03	1.46E-05
558395.174160402.59	558395	4160403	WRKR_500	WORKER	6.67E-03	6.83E-06	6.14E-03	1.07E-05	6.14E-03	1.52E-05
558395.174160412.59	558395	4160413	WRKR_501	WORKER	7.21E-03	7.09E-06	6.63E-03	1.11E-05	6.63E-03	1.58E-05
558395.174160422.59	558395	4160423	WRKR_502	WORKER	7.82E-03	7.37E-06	7.20E-03	1.16E-05	7.20E-03	1.64E-05
558395.174160432.59	558395	4160433	WRKR_503	WORKER	8.52E-03	7.67E-06	7.84E-03	1.21E-05	7.84E-03	1.70E-05
558395.174160442.59	558395	4160443	WRKR_504	WORKER	9.33E-03	8.00E-06	8.58E-03	1.26E-05	8.58E-03	1.78E-05
558395.174160452.59	558395	4160453	WRKR_505	WORKER	1.03E-02	8.36E-06	9.43E-03	1.31E-05	9.43E-03	1.86E-05
558395.174160462.59	558395	4160463	WRKR_506	WORKER	1.13E-02	8.76E-06	1.04E-02	1.38E-05	1.04E-02	1.95E-05
558395.174160472.59	558395	4160473	WRKR_507	WORKER	1.25E-02	9.20E-06	1.15E-02	1.44E-05	1.15E-02	2.04E-05
558395.174160482.59	558395	4160483	WRKR_508	WORKER	1.40E-02	9.69E-06	1.29E-02	1.52E-05	1.29E-02	2.15E-05
558395.174160492.59	558395	4160493	WRKR_509	WORKER	1.56E-02	1.03E-05	1.44E-02	1.61E-05	1.44E-02	2.28E-05
558395.174160502.59	558395	4160503	WRKR_510	WORKER	1.75E-02	1.09E-05	1.61E-02	1.71E-05	1.61E-02	2.42E-05
558395.174160512.59	558395	4160513	WRKR_511	WORKER	1.96E-02	1.17E-05	1.80E-02	1.84E-05	1.80E-02	2.60E-05
557513.484160678.78	557513	4160679	HOTEL_1	RESIDENT	1.52E-03	4.49E-07	1.40E-03	7.06E-07	1.40E-03	9.98E-07

RESIDENTIAL CONCENTRATIONS & DOSE

					s	X	s	X		
					3rd Tri		0<2		2<16	
					Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)	
XY	X	Y	Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
557513.484160688.78	557513	4160689	HOTEL_2	RESIDENT	1.52E-03	4.49E-07	1.40E-03	7.06E-07	1.40E-03	9.99E-07
557513.484160698.78	557513	4160699	HOTEL_3	RESIDENT	1.51E-03	4.50E-07	1.39E-03	7.07E-07	1.39E-03	9.99E-07
557513.484160708.78	557513	4160709	HOTEL_4	RESIDENT	1.51E-03	4.50E-07	1.39E-03	7.07E-07	1.39E-03	1.00E-06
557513.484160718.78	557513	4160719	HOTEL_5	RESIDENT	1.51E-03	4.51E-07	1.39E-03	7.08E-07	1.39E-03	1.00E-06
557513.484160728.78	557513	4160729	HOTEL_6	RESIDENT	1.51E-03	4.51E-07	1.39E-03	7.09E-07	1.39E-03	1.00E-06
557523.484160678.78	557523	4160679	HOTEL_7	RESIDENT	1.56E-03	4.56E-07	1.44E-03	7.17E-07	1.44E-03	1.01E-06
557523.484160688.78	557523	4160689	HOTEL_8	RESIDENT	1.56E-03	4.56E-07	1.43E-03	7.17E-07	1.43E-03	1.01E-06
557523.484160698.78	557523	4160699	HOTEL_9	RESIDENT	1.55E-03	4.57E-07	1.43E-03	7.18E-07	1.43E-03	1.01E-06
557523.484160708.78	557523	4160709	HOTEL_10	RESIDENT	1.55E-03	4.57E-07	1.43E-03	7.18E-07	1.43E-03	1.02E-06
557523.484160718.78	557523	4160719	HOTEL_11	RESIDENT	1.55E-03	4.58E-07	1.42E-03	7.19E-07	1.42E-03	1.02E-06
557523.484160728.78	557523	4160729	HOTEL_12	RESIDENT	1.55E-03	4.58E-07	1.42E-03	7.20E-07	1.42E-03	1.02E-06
557533.484160678.78	557533	4160679	HOTEL_13	RESIDENT	1.61E-03	4.64E-07	1.48E-03	7.28E-07	1.48E-03	1.03E-06
557533.484160688.78	557533	4160689	HOTEL_14	RESIDENT	1.60E-03	4.64E-07	1.47E-03	7.29E-07	1.47E-03	1.03E-06
557533.484160698.78	557533	4160699	HOTEL_15	RESIDENT	1.60E-03	4.64E-07	1.47E-03	7.29E-07	1.47E-03	1.03E-06
557533.484160708.78	557533	4160709	HOTEL_16	RESIDENT	1.59E-03	4.64E-07	1.47E-03	7.30E-07	1.47E-03	1.03E-06
557533.484160718.78	557533	4160719	HOTEL_17	RESIDENT	1.59E-03	4.65E-07	1.47E-03	7.31E-07	1.47E-03	1.03E-06
557533.484160728.78	557533	4160729	HOTEL_18	RESIDENT	1.59E-03	4.65E-07	1.46E-03	7.31E-07	1.46E-03	1.03E-06
557543.484160678.78	557543	4160679	HOTEL_19	RESIDENT	1.65E-03	4.71E-07	1.52E-03	7.40E-07	1.52E-03	1.05E-06
557543.484160688.78	557543	4160689	HOTEL_20	RESIDENT	1.65E-03	4.71E-07	1.52E-03	7.41E-07	1.52E-03	1.05E-06
557543.484160698.78	557543	4160699	HOTEL_21	RESIDENT	1.64E-03	4.71E-07	1.51E-03	7.41E-07	1.51E-03	1.05E-06
557543.484160708.78	557543	4160709	HOTEL_22	RESIDENT	1.64E-03	4.72E-07	1.51E-03	7.42E-07	1.51E-03	1.05E-06
557543.484160718.78	557543	4160719	HOTEL_23	RESIDENT	1.64E-03	4.72E-07	1.51E-03	7.42E-07	1.51E-03	1.05E-06
557543.484160728.78	557543	4160729	HOTEL_24	RESIDENT	1.64E-03	4.73E-07	1.51E-03	7.43E-07	1.51E-03	1.05E-06
557553.484160678.78	557553	4160679	HOTEL_25	RESIDENT	1.71E-03	4.80E-07	1.57E-03	7.54E-07	1.57E-03	1.07E-06
557553.484160688.78	557553	4160689	HOTEL_26	RESIDENT	1.70E-03	4.80E-07	1.57E-03	7.54E-07	1.57E-03	1.07E-06
557553.484160698.78	557553	4160699	HOTEL_27	RESIDENT	1.70E-03	4.80E-07	1.56E-03	7.54E-07	1.56E-03	1.07E-06
557553.484160708.78	557553	4160709	HOTEL_28	RESIDENT	1.69E-03	4.80E-07	1.56E-03	7.55E-07	1.56E-03	1.07E-06
557553.484160718.78	557553	4160719	HOTEL_29	RESIDENT	1.69E-03	4.81E-07	1.56E-03	7.55E-07	1.56E-03	1.07E-06
557553.484160728.78	557553	4160729	HOTEL_30	RESIDENT	1.69E-03	4.81E-07	1.56E-03	7.56E-07	1.56E-03	1.07E-06
557563.484160678.78	557563	4160679	HOTEL_31	RESIDENT	1.77E-03	4.88E-07	1.62E-03	7.67E-07	1.62E-03	1.08E-06
557563.484160688.78	557563	4160689	HOTEL_32	RESIDENT	1.76E-03	4.88E-07	1.62E-03	7.67E-07	1.62E-03	1.08E-06
557563.484160698.78	557563	4160699	HOTEL_33	RESIDENT	1.75E-03	4.88E-07	1.61E-03	7.67E-07	1.61E-03	1.08E-06
557563.484160708.78	557563	4160709	HOTEL_34	RESIDENT	1.75E-03	4.89E-07	1.61E-03	7.68E-07	1.61E-03	1.09E-06
557563.484160718.78	557563	4160719	HOTEL_35	RESIDENT	1.74E-03	4.89E-07	1.60E-03	7.68E-07	1.60E-03	1.09E-06
557563.484160728.78	557563	4160729	HOTEL_36	RESIDENT	1.74E-03	4.89E-07	1.60E-03	7.69E-07	1.60E-03	1.09E-06
557573.484160678.78	557573	4160679	HOTEL_37	RESIDENT	1.82E-03	4.96E-07	1.67E-03	7.79E-07	1.67E-03	1.10E-06
557573.484160688.78	557573	4160689	HOTEL_38	RESIDENT	1.81E-03	4.96E-07	1.67E-03	7.80E-07	1.67E-03	1.10E-06
557573.484160698.78	557573	4160699	HOTEL_39	RESIDENT	1.81E-03	4.97E-07	1.66E-03	7.80E-07	1.66E-03	1.10E-06
557573.484160708.78	557573	4160709	HOTEL_40	RESIDENT	1.80E-03	4.97E-07	1.66E-03	7.81E-07	1.66E-03	1.10E-06
557573.484160718.78	557573	4160719	HOTEL_41	RESIDENT	1.80E-03	4.97E-07	1.65E-03	7.81E-07	1.65E-03	1.10E-06
557573.484160728.78	557573	4160729	HOTEL_42	RESIDENT	1.80E-03	4.98E-07	1.65E-03	7.82E-07	1.65E-03	1.11E-06
557583.484160678.78	557583	4160679	HOTEL_43	RESIDENT	1.87E-03	5.04E-07	1.72E-03	7.92E-07	1.72E-03	1.12E-06
557583.484160688.78	557583	4160689	HOTEL_44	RESIDENT	1.86E-03	5.04E-07	1.72E-03	7.93E-07	1.72E-03	1.12E-06
557583.484160698.78	557583	4160699	HOTEL_45	RESIDENT	1.86E-03	5.05E-07	1.71E-03	7.93E-07	1.71E-03	1.12E-06
557583.484160708.78	557583	4160709	HOTEL_46	RESIDENT	1.86E-03	5.06E-07	1.71E-03	7.95E-07	1.71E-03	1.12E-06
557583.484160718.78	557583	4160719	HOTEL_47	RESIDENT	1.85E-03	5.06E-07	1.71E-03	7.95E-07	1.71E-03	1.12E-06
557583.484160728.78	557583	4160729	HOTEL_48	RESIDENT	1.85E-03	5.06E-07	1.70E-03	7.95E-07	1.70E-03	1.12E-06
557593.484160678.78	557593	4160679	HOTEL_49	RESIDENT	1.93E-03	5.13E-07	1.78E-03	8.06E-07	1.78E-03	1.14E-06
557593.484160688.78	557593	4160689	HOTEL_50	RESIDENT	1.93E-03	5.13E-07	1.77E-03	8.07E-07	1.77E-03	1.14E-06
557593.484160698.78	557593	4160699	HOTEL_51	RESIDENT	1.92E-03	5.14E-07	1.77E-03	8.07E-07	1.77E-03	1.14E-06
557593.484160708.78	557593	4160709	HOTEL_52	RESIDENT	1.92E-03	5.14E-07	1.76E-03	8.08E-07	1.76E-03	1.14E-06
557593.484160718.78	557593	4160719	HOTEL_53	RESIDENT	1.91E-03	5.14E-07	1.76E-03	8.08E-07	1.76E-03	1.14E-06
557593.484160728.78	557593	4160729	HOTEL_54	RESIDENT	1.91E-03	5.15E-07	1.76E-03	8.09E-07	1.76E-03	1.14E-06
557603.484160678.78	557603	4160679	HOTEL_55	RESIDENT	1.99E-03	5.22E-07	1.83E-03	8.21E-07	1.83E-03	1.16E-06
557603.484160688.78	557603	4160689	HOTEL_56	RESIDENT	1.99E-03	5.23E-07	1.83E-03	8.21E-07	1.83E-03	1.16E-06
557603.484160698.78	557603	4160699	HOTEL_57	RESIDENT	1.98E-03	5.23E-07	1.83E-03	8.22E-07	1.83E-03	1.16E-06
557603.484160708.78	557603	4160709	HOTEL_58	RESIDENT	1.98E-03	5.23E-07	1.82E-03	8.22E-07	1.82E-03	1.16E-06
557603.484160718.78	557603	4160719	HOTEL_59	RESIDENT	1.98E-03	5.24E-07	1.82E-03	8.23E-07	1.82E-03	1.16E-06
557613.484160678.78	557613	4160679	HOTEL_60	RESIDENT	2.07E-03	5.32E-07	1.90E-03	8.37E-07	1.90E-03	1.18E-06
557613.484160688.78	557613	4160689	HOTEL_61	RESIDENT	2.06E-03	5.32E-07	1.90E-03	8.37E-07	1.90E-03	1.18E-06
557613.484160698.78	557613	4160699	HOTEL_62	RESIDENT	2.05E-03	5.32E-07	1.89E-03	8.37E-07	1.89E-03	1.18E-06
557613.484160708.78	557613	4160709	HOTEL_63	RESIDENT	2.05E-03	5.33E-07	1.89E-03	8.37E-07	1.89E-03	1.18E-06
557623.484160688.78	557623	4160689	HOTEL_64	RESIDENT	2.13E-03	5.42E-07	1.96E-03	8.52E-07	1.96E-03	1.20E-06
557623.484160698.78	557623	4160699	HOTEL_65	RESIDENT	2.12E-03	5.42E-07	1.95E-03	8.52E-07	1.95E-03	1.20E-06
557623.484160708.78	557623	4160709	HOTEL_66	RESIDENT	2.12E-03	5.43E-07	1.95E-03	8.53E-07	1.95E-03	1.21E-06
558477.664160568.94	558478	4160569	WRKR_512	WORKER	2.75E-02	3.04E-05	2.53E-02	4.77E-05	2.53E-02	6.75E-05
558477.664160578.94	558478	4160579	WRKR_513	WORKER	3.02E-02	3.51E-05	2.78E-02	5.52E-05	2.78E-02	7.81E-05
558477.664160588.94	558478	4160589	WRKR_514	WORKER	3.31E-02	4.15E-05	3.05E-02	6.53E-05	3.05E-02	9.23E-05
558477.664160598.94	558478	4160599	WRKR_515	WORKER	3.63E-02	5.04E-05	3.34E-02	7.93E-05	3.34E-02	1.12E-04
558487.664160568.94	558488	4160569	WRKR_516	WORKER	2.62E-02	3.16E-05	2.41E-02	4.97E-05	2.41E-02	7.02E-05
558487.664160578.94	558488	4160579	WRKR_517	WORKER	2.85E-02	3.60E-05	2.63E-02	5.66E-05	2.63E-02	8.00E-05
558487.664160588.94	558488	4160589	WRKR_518	WORKER	3.10E-02	4.17E-05	2.86E-02	6.55E-05	2.86E-02	9.26E-05
558487.664160598.94	558488	4160599	WRKR_519	WORKER	3.37E-02	4.96E-05	3.10E-02	7.79E-05	3.10E-02	1.10E-04
558497.664160568.94	558498	4160569	WRKR_520	WORKER	2.53E-02	3.34E-05	2.33E-02	5.26E-05	2.33E-02	7.43E-05
558497.664160578.94	558498	4160579	WRKR_521	WORKER	2.74E-02	3.77E-05	2.52E-02	5.92E-05	2.52E-02	8.37E-05
558497.664160588.94	558498	4160589	WRKR_522	WORKER	2.96E-02	4.34E-05	2.73E-02	6.81E-05	2.73E-02	9.63E-05
558497.664160598.94	558498	4160599	WRKR_523	WORKER	3.20E-02	5.11E-05	2.94E-02	8.04E-05	2.94E-02	1.14E-04
558507.664160568.94	558508	4160569	WRKR_524	WORKER	2.45E-02	3.65E-05	2.26E-02	5.74E-05	2.26E-02	8.11E-05
558507.664160578.94	558508	4160579	WRKR_525	WORKER	2.64E-02	4.06E-05	2.43E-02	6.39E-05	2.43E-02	9.03E-05
558507.664160588.94	558508	4160589	WRKR_526	WORKER	2.85E-02	4.68E-05	2.62E-02	7.36E-05	2.62E-02	1.04E-04
558507.664160598.94	558508	4160599	WRKR_527	WORKER	3.05E-02	5.53E-05	2.81E-02	8.69E-05	2.81E-02	1.23E-04
558517.664160568.94	558518	4160569	WRKR_528	WORKER	2.37E-02	4.01E-05	2.18E-02	6.30E-05	2.18E-02	8.91E-05
558517.664160578.94	558518	4160579	WRKR_529	WORKER	2.55E-02	4.46E-05	2.34E-02	7.00E-05	2.34E-02	9.90E-05
558517.664160588.94	558518	4160589	WRKR_530	WORKER	2.72E-02	5.08E-05	2.51E-02	7.99E-05	2.51E-02	1.13E-04
558517.664160598.94	558518	4160599	WRKR_531	WORKER	2.90E-02	6.03E-05	2.67E-02	9.47E-05	2.67E-02	1.34E-04
558527.664160568.94	558528	4160569	WRKR_532	WORKER	2.29E-02	4.45E-05	2.11E-02	7.00E-05	2.11E-02	9.89E-05
558527.664160578.94	558528	4160579	WRKR_533	WORKER	2.44E-02	4.96E-05	2.25E-02	7.79E-05	2.25E-02	1.10E-04
558527.664160588.94	558528	4160589	WRKR_534	WORKER	2.60E-02	5.65E-05	2.39E-02	8.88E-05	2.39E-02	1.26E-04
558527.664160598.94	558528	4160599	WRKR_535	WORKER	2.76E-02	5.23E-05	2.54E-02	8.22E-05	2.54E-02	1.16E-04
558537.664160568.94	558538	4160569	WRKR_536	WORKER	2.21E-02	5.08E-05	2.03E-02	7.98E-05	2.03E-02	1.13E-04
558537.664160578.94	558538	4160579	WRKR_537	WORKER	2.34E-02	5.65E-05	2.16E-02	8.88E-05	2.16E-02	1.26E-04
558537.664160588.94	558538	4160589	WRKR_538	WORKER	2.48E-02	4.76E-05	2.28E-02	7.49E-05	2.28E-02	1.06E-04
558537.664160598.94	558538	4160599	WRKR_539	WORKER	2.61E-02	5.31E-05	2.40E-02	8.35E-05	2.40E-02	1.18E-04
558547.664160568.94	558548	4160569	WRKR_540	WORKER	2.13E-02	5.97E-05	1.96E-02	9.38E-05	1.96E-02	1.33E-04
558547.664160578.94	558548	4160579	WRKR_541	WORKER	2.25E-02	4.71E-05	2.07E-02	7.40E-05	2.07E-02	1.05E-04
558547.664160588.94	558548	4160589	WRKR_542	WORKER	2.36E-02	3.53E-05	2.17E-02	5.55E-05	2.17E-02	7.85E-05
558557.664160568.94	558558	4160569	WRKR_543	WORKER	2.05E-02	3.35E-05	1.88E-02	5.27E-05	1.88E-02	7.45E-05
558600.644160569.24	558601	4160569	WRKR_544	WORKER	1.73E-02	4.33E-05	1.59E-02	6.80E-05	1.59E-02	9.61E-05
558600.644160579.24	558601	4160579	WRKR_545	WORKER	1.78E-02	4.42E-05	1.64E-02	6.94E-05	1.64E-02	9.82E-05
558600.644160589.24	558601	4160589	WRKR_546	WORKER	1.83E-02	5.31E-05	1.69E-02	8.35E-05	1.69E-02	1.18E-04
558600.644160599.24	558601	4160599	WRKR_547	WORKER	1.87E-02	4.81E-05	1.73E-02	7.57E-05	1.73E-02	1.07E-04
558610.644160569.24	558611	4160569	WRKR_548	WORKER	1.65E-02	5.21E-05	1.52E-02	8.18E-05	1.52E-02	1.16E-04
558610.644160579.24	558611	4160579	WRKR_549	WORKER	1.70E-02	4.81E-05	1.56E-02	7.56E-05	1.56E-02	1.07E-04

RESIDENTIAL CONCENTRATIONS & DOSE

					s	X	s	X		
					3rd Tri		0<2		2<16	
					Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)	
XY	X	Y	Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558610.644160589.24	558611	4160589	WRKR_550	WORKER	1.74E-02	4.43E-05	1.60E-02	6.96E-05	1.60E-02	9.85E-05
558610.644160599.24	558611	4160599	WRKR_551	WORKER	1.77E-02	4.02E-05	1.63E-02	6.32E-05	1.63E-02	8.94E-05
558620.644160569.24	558621	4160569	WRKR_552	WORKER	1.58E-02	4.44E-05	1.46E-02	6.97E-05	1.46E-02	9.86E-05
558620.644160579.24	558621	4160579	WRKR_553	WORKER	1.62E-02	4.10E-05	1.49E-02	6.44E-05	1.49E-02	9.11E-05
558620.644160589.24	558621	4160589	WRKR_554	WORKER	1.66E-02	3.79E-05	1.52E-02	5.95E-05	1.52E-02	8.42E-05
558620.644160599.24	558621	4160599	WRKR_555	WORKER	1.68E-02	3.45E-05	1.55E-02	5.42E-05	1.55E-02	7.67E-05
558630.644160569.24	558631	4160569	WRKR_556	WORKER	1.51E-02	3.82E-05	1.39E-02	6.01E-05	1.39E-02	8.49E-05
558630.644160579.24	558631	4160579	WRKR_557	WORKER	1.55E-02	3.56E-05	1.42E-02	5.59E-05	1.42E-02	7.90E-05
558630.644160589.24	558631	4160589	WRKR_558	WORKER	1.57E-02	3.27E-05	1.45E-02	5.14E-05	1.45E-02	7.27E-05
558630.644160599.24	558631	4160599	WRKR_559	WORKER	1.59E-02	2.98E-05	1.47E-02	4.68E-05	1.47E-02	6.62E-05
558640.644160569.24	558641	4160569	WRKR_560	WORKER	1.45E-02	3.33E-05	1.33E-02	5.24E-05	1.33E-02	7.40E-05
558640.644160579.24	558641	4160579	WRKR_561	WORKER	1.47E-02	3.10E-05	1.36E-02	4.87E-05	1.36E-02	6.89E-05
558640.644160589.24	558641	4160589	WRKR_562	WORKER	1.49E-02	2.85E-05	1.38E-02	4.47E-05	1.38E-02	6.33E-05
558640.644160599.24	558641	4160599	WRKR_563	WORKER	1.51E-02	2.59E-05	1.39E-02	4.08E-05	1.39E-02	5.77E-05
558650.644160569.24	558651	4160569	WRKR_564	WORKER	1.38E-02	2.93E-05	1.27E-02	4.60E-05	1.27E-02	6.51E-05
558650.644160579.24	558651	4160579	WRKR_565	WORKER	1.40E-02	2.73E-05	1.29E-02	4.29E-05	1.29E-02	6.06E-05
558650.644160589.24	558651	4160589	WRKR_566	WORKER	1.42E-02	2.51E-05	1.31E-02	3.95E-05	1.31E-02	5.58E-05
558650.644160599.24	558651	4160599	WRKR_567	WORKER	1.43E-02	2.30E-05	1.32E-02	3.62E-05	1.32E-02	5.12E-05
558660.644160569.24	558661	4160569	WRKR_568	WORKER	1.32E-02	2.63E-05	1.21E-02	4.14E-05	1.21E-02	5.85E-05
558660.644160579.24	558661	4160579	WRKR_569	WORKER	1.34E-02	2.45E-05	1.23E-02	3.85E-05	1.23E-02	5.44E-05
558660.644160589.24	558661	4160589	WRKR_570	WORKER	1.35E-02	2.26E-05	1.24E-02	3.55E-05	1.24E-02	5.01E-05
558660.644160599.24	558661	4160599	WRKR_571	WORKER	1.36E-02	2.08E-05	1.25E-02	3.27E-05	1.25E-02	4.63E-05
558670.644160569.24	558671	4160569	WRKR_572	WORKER	1.26E-02	2.38E-05	1.16E-02	3.74E-05	1.16E-02	5.29E-05
558670.644160579.24	558671	4160579	WRKR_573	WORKER	1.28E-02	2.21E-05	1.18E-02	3.47E-05	1.18E-02	4.91E-05
558670.644160589.24	558671	4160589	WRKR_574	WORKER	1.29E-02	2.04E-05	1.18E-02	3.21E-05	1.18E-02	4.54E-05
558495.44160499.48	558495	4160499	WRKR_575	WORKER	1.43E-02	1.96E-05	1.32E-02	3.07E-05	1.32E-02	4.35E-05
558495.44160509.48	558495	4160509	WRKR_576	WORKER	1.56E-02	2.07E-05	1.44E-02	3.25E-05	1.44E-02	4.60E-05
558495.44160519.48	558495	4160519	WRKR_577	WORKER	1.70E-02	2.20E-05	1.56E-02	3.46E-05	1.56E-02	4.89E-05
558495.44160529.48	558495	4160529	WRKR_578	WORKER	1.85E-02	2.35E-05	1.71E-02	3.69E-05	1.71E-02	5.22E-05
558505.44160499.48	558505	4160499	WRKR_579	WORKER	1.41E-02	2.17E-05	1.30E-02	3.41E-05	1.30E-02	4.82E-05
558505.44160509.48	558505	4160509	WRKR_580	WORKER	1.54E-02	2.29E-05	1.42E-02	3.60E-05	1.42E-02	5.09E-05
558505.44160519.48	558505	4160519	WRKR_581	WORKER	1.67E-02	2.43E-05	1.54E-02	3.82E-05	1.54E-02	5.40E-05
558505.44160529.48	558505	4160529	WRKR_582	WORKER	1.82E-02	2.59E-05	1.67E-02	4.06E-05	1.67E-02	5.75E-05
558515.44160499.48	558515	4160499	WRKR_583	WORKER	1.40E-02	2.44E-05	1.28E-02	3.83E-05	1.28E-02	5.42E-05
558515.44160509.48	558515	4160509	WRKR_584	WORKER	1.52E-02	2.57E-05	1.39E-02	4.04E-05	1.39E-02	5.72E-05
558515.44160519.48	558515	4160519	WRKR_585	WORKER	1.64E-02	2.72E-05	1.51E-02	4.27E-05	1.51E-02	6.04E-05
558515.44160529.48	558515	4160529	WRKR_586	WORKER	1.78E-02	2.88E-05	1.64E-02	4.52E-05	1.64E-02	6.40E-05
558525.44160499.48	558525	4160499	WRKR_587	WORKER	1.38E-02	2.77E-05	1.27E-02	4.36E-05	1.27E-02	6.16E-05
558525.44160509.48	558525	4160509	WRKR_588	WORKER	1.49E-02	2.93E-05	1.37E-02	4.60E-05	1.37E-02	6.51E-05
558525.44160519.48	558525	4160519	WRKR_589	WORKER	1.62E-02	3.09E-05	1.49E-02	4.86E-05	1.49E-02	6.87E-05
558525.44160529.48	558525	4160529	WRKR_590	WORKER	1.75E-02	3.27E-05	1.61E-02	5.14E-05	1.61E-02	7.26E-05
558535.44160499.48	558535	4160499	WRKR_591	WORKER	1.36E-02	3.22E-05	1.25E-02	5.05E-05	1.25E-02	7.15E-05
558535.44160509.48	558535	4160509	WRKR_592	WORKER	1.47E-02	3.40E-05	1.35E-02	5.34E-05	1.35E-02	7.55E-05
558535.44160519.48	558535	4160519	WRKR_593	WORKER	1.59E-02	3.58E-05	1.46E-02	5.63E-05	1.46E-02	7.96E-05
558535.44160529.48	558535	4160529	WRKR_594	WORKER	1.71E-02	3.78E-05	1.58E-02	5.94E-05	1.58E-02	8.40E-05
558545.44160499.48	558545	4160499	WRKR_595	WORKER	1.34E-02	3.79E-05	1.24E-02	5.95E-05	1.24E-02	8.42E-05
558545.44160509.48	558545	4160509	WRKR_596	WORKER	1.45E-02	4.01E-05	1.33E-02	6.31E-05	1.33E-02	8.92E-05
558545.44160519.48	558545	4160519	WRKR_597	WORKER	1.56E-02	4.24E-05	1.44E-02	6.66E-05	1.44E-02	9.42E-05
558545.44160529.48	558545	4160529	WRKR_598	WORKER	1.68E-02	4.46E-05	1.54E-02	7.02E-05	1.54E-02	9.92E-05
558555.44160499.48	558555	4160499	WRKR_599	WORKER	1.33E-02	4.57E-05	1.22E-02	7.19E-05	1.22E-02	1.02E-04
558555.44160509.48	558555	4160509	WRKR_600	WORKER	1.43E-02	4.85E-05	1.31E-02	7.62E-05	1.31E-02	1.08E-04
558555.44160519.48	558555	4160519	WRKR_601	WORKER	1.53E-02	5.12E-05	1.41E-02	8.04E-05	1.41E-02	1.14E-04
558555.44160529.48	558555	4160529	WRKR_602	WORKER	1.64E-02	5.41E-05	1.51E-02	8.50E-05	1.51E-02	1.20E-04
558565.44160499.48	558565	4160499	WRKR_603	WORKER	1.31E-02	3.96E-05	1.20E-02	6.23E-05	1.20E-02	8.81E-05
558565.44160509.48	558565	4160509	WRKR_604	WORKER	1.40E-02	4.37E-05	1.29E-02	6.86E-05	1.29E-02	9.70E-05
558565.44160519.48	558565	4160519	WRKR_605	WORKER	1.50E-02	3.12E-05	1.38E-02	4.90E-05	1.38E-02	6.93E-05
558565.44160529.48	558565	4160529	WRKR_606	WORKER	1.60E-02	4.51E-05	1.47E-02	7.09E-05	1.47E-02	1.00E-04
558618.984160498.88	558619	4160499	WRKR_607	WORKER	1.18E-02	3.32E-05	1.09E-02	5.21E-05	1.09E-02	7.37E-05
558618.984160508.88	558619	4160509	WRKR_608	WORKER	1.24E-02	4.38E-05	1.15E-02	6.88E-05	1.15E-02	9.73E-05
558618.984160518.88	558619	4160519	WRKR_609	WORKER	1.31E-02	4.39E-05	1.21E-02	6.90E-05	1.21E-02	9.75E-05
558618.984160528.88	558619	4160529	WRKR_610	WORKER	1.37E-02	5.56E-05	1.26E-02	8.74E-05	1.26E-02	1.24E-04
558628.984160498.88	558629	4160499	WRKR_611	WORKER	1.15E-02	5.69E-05	1.06E-02	8.94E-05	1.06E-02	1.26E-04
558628.984160508.88	558629	4160509	WRKR_612	WORKER	1.21E-02	5.29E-05	1.12E-02	8.31E-05	1.12E-02	1.18E-04
558628.984160518.88	558629	4160519	WRKR_613	WORKER	1.27E-02	4.99E-05	1.17E-02	7.84E-05	1.17E-02	1.11E-04
558628.984160528.88	558629	4160529	WRKR_614	WORKER	1.33E-02	4.76E-05	1.23E-02	7.48E-05	1.23E-02	1.06E-04
558638.984160498.88	558639	4160499	WRKR_615	WORKER	1.13E-02	4.97E-05	1.04E-02	7.81E-05	1.04E-02	1.10E-04
558638.984160508.88	558639	4160509	WRKR_616	WORKER	1.18E-02	4.64E-05	1.09E-02	7.29E-05	1.09E-02	1.03E-04
558638.984160518.88	558639	4160519	WRKR_617	WORKER	1.24E-02	4.38E-05	1.14E-02	6.89E-05	1.14E-02	9.74E-05
558638.984160528.88	558639	4160529	WRKR_618	WORKER	1.29E-02	4.18E-05	1.19E-02	6.57E-05	1.19E-02	9.29E-05
558648.984160498.88	558649	4160499	WRKR_619	WORKER	1.10E-02	4.45E-05	1.01E-02	6.99E-05	1.01E-02	9.88E-05
558648.984160508.88	558649	4160509	WRKR_620	WORKER	1.15E-02	4.14E-05	1.06E-02	6.51E-05	1.06E-02	9.21E-05
558648.984160518.88	558649	4160519	WRKR_621	WORKER	1.20E-02	3.91E-05	1.10E-02	6.15E-05	1.10E-02	8.70E-05
558648.984160528.88	558649	4160529	WRKR_622	WORKER	1.25E-02	3.73E-05	1.15E-02	5.86E-05	1.15E-02	8.28E-05
558658.984160498.88	558659	4160499	WRKR_623	WORKER	1.07E-02	4.06E-05	9.88E-03	6.39E-05	9.88E-03	9.03E-05
558658.984160508.88	558659	4160509	WRKR_624	WORKER	1.12E-02	3.78E-05	1.03E-02	5.94E-05	1.03E-02	8.40E-05
558658.984160518.88	558659	4160519	WRKR_625	WORKER	1.16E-02	3.55E-05	1.07E-02	5.58E-05	1.07E-02	7.88E-05
558658.984160528.88	558659	4160529	WRKR_626	WORKER	1.21E-02	3.37E-05	1.11E-02	5.29E-05	1.11E-02	7.48E-05
558668.984160498.88	558669	4160499	WRKR_627	WORKER	1.05E-02	3.74E-05	9.63E-03	5.87E-05	9.63E-03	8.30E-05
558668.984160508.88	558669	4160509	WRKR_628	WORKER	1.09E-02	3.46E-05	1.00E-02	5.44E-05	1.00E-02	7.69E-05
558668.984160518.88	558669	4160519	WRKR_629	WORKER	1.13E-02	3.24E-05	1.04E-02	5.10E-05	1.04E-02	7.21E-05
558668.984160528.88	558669	4160529	WRKR_630	WORKER	1.16E-02	3.07E-05	1.07E-02	4.82E-05	1.07E-02	6.81E-05
558678.984160498.88	558679	4160499	WRKR_631	WORKER	1.02E-02	3.47E-05	9.38E-03	5.46E-05	9.38E-03	7.72E-05
558678.984160508.88	558679	4160509	WRKR_632	WORKER	1.06E-02	3.21E-05	9.72E-03	5.04E-05	9.72E-03	7.12E-05
558678.984160518.88	558679	4160519	WRKR_633	WORKER	1.09E-02	2.99E-05	1.00E-02	4.70E-05	1.00E-02	6.65E-05
558678.984160528.88	558679	4160529	WRKR_634	WORKER	1.12E-02	2.82E-05	1.03E-02	4.43E-05	1.03E-02	6.26E-05
558688.984160498.88	558689	4160499	WRKR_635	WORKER	9.91E-03	3.24E-05	9.12E-03	5.10E-05	9.12E-03	7.21E-05
558688.984160508.88	558689	4160509	WRKR_636	WORKER	1.03E-02	2.98E-05	9.43E-03	4.69E-05	9.43E-03	6.63E-05
558688.984160518.88	558689	4160519	WRKR_637	WORKER	1.06E-02	2.78E-05	9.73E-03	4.37E-05	9.73E-03	6.18E-05
558444.414160372.35	558444	4160372	WRKR_638	WORKER	4.99E-03	7.75E-06	4.59E-03	1.22E-05	4.59E-03	1.72E-05
558454.414160382.35	558454	4160382	WRKR_639	WORKER	5.25E-03	8.31E-06	4.83E-03	1.31E-05	4.83E-03	1.85E-05
558454.414160392.35	558454	4160392	WRKR_640	WORKER	5.66E-03	8.63E-06	5.21E-03	1.36E-05	5.21E-03	1.92E-05
558454.414160402.35	558454	4160402	WRKR_641	WORKER	6.13E-03	8.97E-06	5.64E-03	1.41E-05	5.64E-03	1.99E-05
558464.414160382.35	558464	4160382	WRKR_642	WORKER	5.22E-03	8.77E-06	4.81E-03	1.38E-05	4.81E-03	1.95E-05
558464.414160392.35	558464	4160392	WRKR_643	WORKER	5.64E-03	9.12E-06	5.19E-03	1.43E-05	5.19E-03	2.03E-05
558464.414160402.35	558464	4160402	WRKR_644	WORKER	6.11E-03	9.51E-06	5.63E-03	1.49E-05	5.63E-03	2.11E-05
558474.414160382.35	558474	4160382	WRKR_645	WORKER	5.21E-03	9.29E-06	4.79E-03	1.46E-05	4.79E-03	2.06E-05
558474.414160392.35	558474	4160392	WRKR_646	WORKER	5.62E-03	9.66E-06	5.17E-03	1.52E-05	5.17E-03	2.15E-05
558474.414160402.35	558474	4160402	WRKR_647	WORKER	6.08E-03	1.01E-05	5.60E-03	1.58E-05	5.60E-03	2.24E-05
558484.414160382.35	558484	4160382	WRKR_648	WORKER	5.19E-03	9.85E-06	4.78E-03	1.55E-05	4.78E-03	2.19E-05
558484.414160392.35	558484	4160392	WRKR_649	WORKER	5.59E-03	1.02E-05	5.14E-03	1.60E-05	5.14E-03	2.27E-05
558484.414160402.35	558484	4160402	WRKR_650	WORKER	6.03E-03	1.06E-05	5.55E-03	1.66E-05	5.55E-03	2.35E-05
558494.414160382.35	558494	4160382	WRKR_651	WORKER	5.20E-03	1.05E-05	4.78E-03	1.65E-05	4.78E-03	2.33E-05
558494.414160392.35	558494	4160392	WRKR_652	WORKER	5.59E-03	1.09E-05	5.14E-03	1.71E-05	5.14E-03	2.42E-05

RESIDENTIAL CONCENTRATIONS & DOSE

					s	X	s	X		
					3rd Tri		0<2		2<16	
					Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)	
XY	X	Y	Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558494.414160402.35	558494	4160402	WRKR_653	WORKER	6.03E-03	1.13E-05	5.55E-03	1.78E-05	5.55E-03	2.51E-05
558504.414160382.35	558504	4160382	WRKR_654	WORKER	5.21E-03	1.12E-05	4.79E-03	1.76E-05	4.79E-03	2.49E-05
558504.414160392.35	558504	4160392	WRKR_655	WORKER	5.64E-03	1.18E-05	5.19E-03	1.85E-05	5.19E-03	2.62E-05
558504.414160402.35	558504	4160402	WRKR_656	WORKER	6.14E-03	1.25E-05	5.65E-03	1.97E-05	5.65E-03	2.78E-05
558514.414160382.35	558514	4160382	WRKR_657	WORKER	5.23E-03	1.20E-05	4.81E-03	1.89E-05	4.81E-03	2.67E-05
558514.414160392.35	558514	4160392	WRKR_658	WORKER	5.66E-03	1.27E-05	5.20E-03	2.00E-05	5.20E-03	2.82E-05
558514.414160402.35	558514	4160402	WRKR_659	WORKER	6.17E-03	1.36E-05	5.68E-03	2.13E-05	5.68E-03	3.01E-05
558524.414160392.35	558524	4160392	WRKR_660	WORKER	5.68E-03	1.37E-05	5.23E-03	2.16E-05	5.23E-03	3.05E-05
558524.414160402.35	558524	4160402	WRKR_661	WORKER	6.18E-03	1.47E-05	5.69E-03	2.31E-05	5.69E-03	3.27E-05
558581.824160392.36	558582	4160392	WRKR_662	WORKER	5.88E-03	2.35E-05	5.41E-03	3.69E-05	5.41E-03	5.22E-05
558581.824160402.36	558582	4160402	WRKR_663	WORKER	6.33E-03	2.63E-05	5.83E-03	4.14E-05	5.83E-03	5.85E-05
558581.824160412.36	558582	4160412	WRKR_664	WORKER	6.82E-03	2.98E-05	6.28E-03	4.68E-05	6.28E-03	6.61E-05
558581.824160422.36	558582	4160422	WRKR_665	WORKER	7.35E-03	3.39E-05	6.76E-03	5.32E-05	6.76E-03	7.52E-05
558591.824160392.36	558592	4160392	WRKR_666	WORKER	5.90E-03	2.56E-05	5.43E-03	4.02E-05	5.43E-03	5.68E-05
558591.824160402.36	558592	4160402	WRKR_667	WORKER	6.34E-03	2.90E-05	5.84E-03	4.55E-05	5.84E-03	6.44E-05
558591.824160412.36	558592	4160412	WRKR_668	WORKER	6.83E-03	3.31E-05	6.28E-03	5.21E-05	6.28E-03	7.37E-05
558591.824160422.36	558592	4160422	WRKR_669	WORKER	7.34E-03	3.83E-05	6.76E-03	6.02E-05	6.76E-03	8.52E-05
558601.824160382.36	558602	4160382	WRKR_670	WORKER	5.50E-03	2.45E-05	5.07E-03	3.85E-05	5.07E-03	5.45E-05
558601.824160392.36	558602	4160392	WRKR_671	WORKER	5.91E-03	2.77E-05	5.44E-03	4.36E-05	5.44E-03	6.16E-05
558601.824160402.36	558602	4160402	WRKR_672	WORKER	6.35E-03	3.17E-05	5.85E-03	4.99E-05	5.85E-03	7.05E-05
558601.824160412.36	558602	4160412	WRKR_673	WORKER	6.83E-03	3.68E-05	6.28E-03	5.78E-05	6.28E-03	8.17E-05
558601.824160422.36	558602	4160422	WRKR_674	WORKER	7.33E-03	4.31E-05	6.74E-03	6.77E-05	6.74E-03	9.58E-05
558611.824160382.36	558612	4160382	WRKR_675	WORKER	5.53E-03	2.60E-05	5.09E-03	4.09E-05	5.09E-03	5.79E-05
558611.824160392.36	558612	4160392	WRKR_676	WORKER	5.93E-03	2.96E-05	5.46E-03	4.65E-05	5.46E-03	6.58E-05
558611.824160402.36	558612	4160402	WRKR_677	WORKER	6.36E-03	3.46E-05	5.86E-03	5.44E-05	5.86E-03	7.69E-05
558611.824160412.36	558612	4160412	WRKR_678	WORKER	6.82E-03	4.05E-05	6.28E-03	6.37E-05	6.28E-03	9.01E-05
558611.824160422.36	558612	4160422	WRKR_679	WORKER	7.31E-03	4.83E-05	6.73E-03	7.59E-05	6.73E-03	1.07E-04
558621.824160382.36	558622	4160382	WRKR_680	WORKER	5.54E-03	2.78E-05	5.10E-03	4.37E-05	5.10E-03	6.18E-05
558621.824160392.36	558622	4160392	WRKR_681	WORKER	5.94E-03	3.18E-05	5.47E-03	5.00E-05	5.47E-03	7.08E-05
558621.824160402.36	558622	4160402	WRKR_682	WORKER	6.37E-03	3.75E-05	5.86E-03	5.90E-05	5.86E-03	8.34E-05
558621.824160412.36	558622	4160412	WRKR_683	WORKER	6.81E-03	4.48E-05	6.27E-03	7.04E-05	6.27E-03	9.96E-05
558621.824160422.36	558622	4160422	WRKR_684	WORKER	7.29E-03	3.71E-05	6.71E-03	5.83E-05	6.71E-03	8.24E-05
558631.824160382.36	558632	4160382	WRKR_685	WORKER	5.56E-03	2.97E-05	5.12E-03	4.67E-05	5.12E-03	6.60E-05
558631.824160392.36	558632	4160392	WRKR_686	WORKER	5.95E-03	3.41E-05	5.48E-03	5.36E-05	5.48E-03	7.58E-05
558631.824160402.36	558632	4160402	WRKR_687	WORKER	6.36E-03	4.06E-05	5.86E-03	6.38E-05	5.86E-03	9.02E-05
558641.824160382.36	558642	4160382	WRKR_688	WORKER	5.57E-03	3.15E-05	5.12E-03	4.95E-05	5.12E-03	6.99E-05
558641.824160392.36	558642	4160392	WRKR_689	WORKER	5.95E-03	3.64E-05	5.48E-03	5.72E-05	5.48E-03	8.09E-05
558641.824160402.36	558642	4160402	WRKR_690	WORKER	6.36E-03	4.39E-05	5.85E-03	6.90E-05	5.85E-03	9.76E-05
558651.824160382.36	558652	4160382	WRKR_691	WORKER	5.58E-03	3.38E-05	5.13E-03	5.32E-05	5.13E-03	7.52E-05
558651.824160392.36	558652	4160392	WRKR_692	WORKER	5.95E-03	3.93E-05	5.48E-03	6.17E-05	5.48E-03	8.73E-05
558651.824160402.36	558652	4160402	WRKR_693	WORKER	6.34E-03	4.77E-05	5.84E-03	7.50E-05	5.84E-03	1.06E-04
558661.824160382.36	558662	4160382	WRKR_694	WORKER	5.58E-03	3.65E-05	5.13E-03	5.73E-05	5.13E-03	8.10E-05
558661.824160392.36	558662	4160392	WRKR_695	WORKER	5.94E-03	4.23E-05	5.47E-03	6.65E-05	5.47E-03	9.40E-05
558661.824160402.36	558662	4160402	WRKR_696	WORKER	6.33E-03	5.18E-05	5.82E-03	8.14E-05	5.82E-03	1.15E-04
558671.824160362.36	558672	4160362	WRKR_697	WORKER	4.91E-03	3.30E-05	4.52E-03	5.18E-05	4.52E-03	7.32E-05
558671.824160372.36	558672	4160372	WRKR_698	WORKER	5.24E-03	3.56E-05	4.82E-03	5.59E-05	4.82E-03	7.91E-05
558671.824160382.36	558672	4160382	WRKR_699	WORKER	5.58E-03	3.96E-05	5.13E-03	6.22E-05	5.13E-03	8.80E-05
558671.824160392.36	558672	4160392	WRKR_700	WORKER	5.93E-03	4.58E-05	5.46E-03	7.19E-05	5.46E-03	1.02E-04
558671.824160402.36	558672	4160402	WRKR_701	WORKER	6.30E-03	5.60E-05	5.80E-03	8.81E-05	5.80E-03	1.25E-04
558681.824160362.36	558682	4160362	WRKR_702	WORKER	4.92E-03	3.68E-05	4.53E-03	5.78E-05	4.53E-03	8.18E-05
558681.824160372.36	558682	4160372	WRKR_703	WORKER	5.22E-03	3.87E-05	4.81E-03	6.09E-05	4.81E-03	8.61E-05
558681.824160382.36	558682	4160382	WRKR_704	WORKER	5.57E-03	4.32E-05	5.13E-03	6.78E-05	5.13E-03	9.59E-05
558681.824160392.36	558682	4160392	WRKR_705	WORKER	5.92E-03	4.97E-05	5.44E-03	7.81E-05	5.44E-03	1.11E-04
558681.824160402.36	558682	4160402	WRKR_706	WORKER	6.28E-03	6.02E-05	5.78E-03	9.46E-05	5.78E-03	1.34E-04
558691.824160362.36	558692	4160362	WRKR_707	WORKER	4.93E-03	4.22E-05	4.54E-03	6.64E-05	4.54E-03	9.38E-05
558691.824160372.36	558692	4160372	WRKR_708	WORKER	5.24E-03	4.47E-05	4.82E-03	7.03E-05	4.82E-03	9.94E-05
558691.824160382.36	558692	4160382	WRKR_709	WORKER	5.56E-03	4.86E-05	5.11E-03	7.64E-05	5.11E-03	1.08E-04
558691.824160392.36	558692	4160392	WRKR_710	WORKER	5.89E-03	5.52E-05	5.42E-03	8.67E-05	5.42E-03	1.23E-04
558691.824160402.36	558692	4160402	WRKR_711	WORKER	6.24E-03	6.61E-05	5.74E-03	1.04E-04	5.74E-03	1.47E-04
558701.824160362.36	558702	4160362	WRKR_712	WORKER	4.93E-03	4.98E-05	4.54E-03	7.83E-05	4.54E-03	1.11E-04
558701.824160372.36	558702	4160372	WRKR_713	WORKER	5.23E-03	5.23E-05	4.81E-03	8.22E-05	4.81E-03	1.16E-04
558701.824160382.36	558702	4160382	WRKR_714	WORKER	5.54E-03	5.63E-05	5.10E-03	8.84E-05	5.10E-03	1.25E-04
558701.824160392.36	558702	4160392	WRKR_715	WORKER	5.87E-03	6.26E-05	5.40E-03	9.84E-05	5.40E-03	1.39E-04
558701.824160402.36	558702	4160402	WRKR_716	WORKER	6.20E-03	7.33E-05	5.71E-03	1.15E-04	5.71E-03	1.63E-04
558711.824160362.36	558712	4160362	WRKR_717	WORKER	4.93E-03	6.07E-05	4.53E-03	9.54E-05	4.53E-03	1.35E-04
558711.824160372.36	558712	4160372	WRKR_718	WORKER	5.22E-03	6.31E-05	4.80E-03	9.91E-05	4.80E-03	1.40E-04
558711.824160382.36	558712	4160382	WRKR_719	WORKER	5.52E-03	5.20E-05	5.08E-03	8.17E-05	5.08E-03	1.16E-04
558711.824160392.36	558712	4160392	WRKR_720	WORKER	5.83E-03	7.28E-05	5.37E-03	1.14E-04	5.37E-03	1.62E-04
558711.824160402.36	558712	4160402	WRKR_721	WORKER	6.15E-03	4.70E-05	5.66E-03	7.38E-05	5.66E-03	1.04E-04
558721.824160362.36	558722	4160362	WRKR_722	WORKER	4.92E-03	3.61E-05	4.53E-03	5.67E-05	4.53E-03	8.01E-05
558721.824160372.36	558722	4160372	WRKR_723	WORKER	5.20E-03	4.03E-05	4.79E-03	6.33E-05	4.79E-03	8.95E-05
558721.824160382.36	558722	4160382	WRKR_724	WORKER	5.49E-03	5.74E-05	5.06E-03	9.03E-05	5.06E-03	1.28E-04
558721.824160392.36	558722	4160392	WRKR_725	WORKER	5.80E-03	4.49E-05	5.33E-03	7.05E-05	5.33E-03	9.97E-05
558721.824160402.36	558722	4160402	WRKR_726	WORKER	6.10E-03	4.78E-05	5.62E-03	7.52E-05	5.62E-03	1.06E-04
558690.094160295.24	558690	4160295	WRKR_727	WORKER	3.21E-03	3.32E-05	2.96E-03	5.22E-05	2.96E-03	7.38E-05
558690.094160305.24	558690	4160305	WRKR_728	WORKER	3.42E-03	3.37E-05	3.14E-03	5.29E-05	3.14E-03	7.48E-05
558690.094160315.24	558690	4160315	WRKR_729	WORKER	3.64E-03	3.41E-05	3.35E-03	5.36E-05	3.35E-03	7.59E-05
558690.094160325.24	558690	4160325	WRKR_730	WORKER	3.87E-03	3.47E-05	3.56E-03	5.45E-05	3.56E-03	7.70E-05
558690.094160335.24	558690	4160335	WRKR_731	WORKER	4.12E-03	3.54E-05	3.79E-03	5.56E-05	3.79E-03	7.86E-05
558700.094160295.24	558700	4160295	WRKR_732	WORKER	3.23E-03	4.01E-05	2.97E-03	6.31E-05	2.97E-03	8.92E-05
558700.094160305.24	558700	4160305	WRKR_733	WORKER	3.44E-03	4.07E-05	3.17E-03	6.40E-05	3.17E-03	9.05E-05
558700.094160315.24	558700	4160315	WRKR_734	WORKER	3.66E-03	4.11E-05	3.37E-03	6.46E-05	3.37E-03	9.14E-05
558700.094160325.24	558700	4160325	WRKR_735	WORKER	3.89E-03	4.15E-05	3.58E-03	6.52E-05	3.58E-03	9.23E-05
558700.094160335.24	558700	4160335	WRKR_736	WORKER	4.14E-03	4.21E-05	3.81E-03	6.62E-05	3.81E-03	9.36E-05
558710.094160295.24	558710	4160295	WRKR_737	WORKER	3.26E-03	5.04E-05	3.00E-03	7.92E-05	3.00E-03	1.12E-04
558710.094160305.24	558710	4160305	WRKR_738	WORKER	3.46E-03	5.09E-05	3.19E-03	7.99E-05	3.19E-03	1.13E-04
558710.094160315.24	558710	4160315	WRKR_739	WORKER	3.68E-03	5.12E-05	3.38E-03	8.05E-05	3.38E-03	1.14E-04
558710.094160325.24	558710	4160325	WRKR_740	WORKER	3.91E-03	5.17E-05	3.60E-03	8.12E-05	3.60E-03	1.15E-04
558710.094160335.24	558710	4160335	WRKR_741	WORKER	4.15E-03	5.20E-05	3.82E-03	8.18E-05	3.82E-03	1.16E-04
558720.094160295.24	558720	4160295	WRKR_742	WORKER	3.28E-03	4.41E-05	3.02E-03	6.94E-05	3.02E-03	9.81E-05
558720.094160305.24	558720	4160305	WRKR_743	WORKER	3.48E-03	3.10E-05	3.21E-03	4.87E-05	3.21E-03	6.88E-05
558720.094160315.24	558720	4160315	WRKR_744	WORKER	3.70E-03	4.48E-05	3.40E-03	7.04E-05	3.40E-03	9.95E-05
558720.094160325.24	558720	4160325	WRKR_745	WORKER	3.93E-03	4.57E-05	3.61E-03	7.18E-05	3.61E-03	1.02E-04
558612.684160297.32	558613	4160297	WRKR_746	WORKER	3.06E-03	1.42E-05	2.81E-03	2.23E-05	2.81E-03	3.15E-05
558612.684160307.32	558613	4160307	WRKR_747	WORKER	3.26E-03	1.48E-05	3.00E-03	2.32E-05	3.00E-03	3.28E-05
558612.684160317.32	558613	4160317	WRKR_748	WORKER	3.48E-03	1.54E-05	3.20E-03	2.43E-05	3.20E-03	3.43E-05
558612.684160327.32	558613	4160327	WRKR_749	WORKER	3.72E-03	1.62E-05	3.43E-03	2.55E-05	3.43E-03	3.61E-05
558612.684160337.32	558613	4160337	WRKR_750	WORKER	3.99E-03	1.72E-05	3.67E-03	2.70E-05	3.67E-03	3.82E-05
558622.684160297.32	558623	4160297	WRKR_751	WORKER	3.08E-03	1.52E-05	2.83E-03	2.39E-05	2.83E-03	3.39E-05
558622.684160307.32	558623	4160307	WRKR_752	WORKER	3.29E-03	1.58E-05	3.02E-03	2.49E-05	3.02E-03	3.52E-05
558622.684160317.32	558623	4160317	WRKR_753	WORKER	3.51E-03	1.65E-05	3.23E-03	2.60E-05	3.23E-03	3.67E-05
558622.684160327.32	558623	4160327	WRKR_754	WORKER	3.75E-03	1.73E-05	3.45E-03	2.72E-05	3.45E-03	3.85E-05
558622.684160337.32	558623	4160337	WRKR_755	WORKER	4.02E-03	1.83E-05	3.70E-03	2.88E-05	3.70E-03	4.07E-05

RESIDENTIAL CONCENTRATIONS & DOSE

					s	X	s	X		
					3rd Tri		0<2		2<16	
					Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)	
XY	X	Y	Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558632.684160297.32	558633	4160297	WRKR_756	WORKER	3.11E-03	1.65E-05	2.86E-03	2.59E-05	2.86E-03	3.67E-05
558632.684160307.32	558633	4160307	WRKR_757	WORKER	3.31E-03	1.71E-05	3.05E-03	2.69E-05	3.05E-03	3.80E-05
558632.684160317.32	558633	4160317	WRKR_758	WORKER	3.54E-03	1.78E-05	3.25E-03	2.79E-05	3.25E-03	3.95E-05
558632.684160327.32	558633	4160327	WRKR_759	WORKER	3.78E-03	1.86E-05	3.48E-03	2.92E-05	3.48E-03	4.13E-05
558632.684160337.32	558633	4160337	WRKR_760	WORKER	4.05E-03	1.96E-05	3.72E-03	3.08E-05	3.72E-03	4.35E-05
558642.684160297.32	558643	4160297	WRKR_761	WORKER	3.14E-03	1.81E-05	2.89E-03	2.85E-05	2.89E-03	4.03E-05
558642.684160307.32	558643	4160307	WRKR_762	WORKER	3.34E-03	1.86E-05	3.07E-03	2.92E-05	3.07E-03	4.13E-05
558642.684160317.32	558643	4160317	WRKR_763	WORKER	3.57E-03	1.93E-05	3.28E-03	3.03E-05	3.28E-03	4.28E-05
558642.684160327.32	558643	4160327	WRKR_764	WORKER	3.81E-03	2.01E-05	3.51E-03	3.15E-05	3.51E-03	4.46E-05
558642.684160337.32	558643	4160337	WRKR_765	WORKER	4.08E-03	2.11E-05	3.75E-03	3.32E-05	3.75E-03	4.69E-05
558652.684160297.32	558653	4160297	WRKR_766	WORKER	3.16E-03	2.00E-05	2.91E-03	3.14E-05	2.91E-03	4.44E-05
558652.684160307.32	558653	4160307	WRKR_767	WORKER	3.37E-03	2.05E-05	3.10E-03	3.22E-05	3.10E-03	4.55E-05
558652.684160317.32	558653	4160317	WRKR_768	WORKER	3.59E-03	2.11E-05	3.31E-03	3.32E-05	3.31E-03	4.70E-05
558652.684160327.32	558653	4160327	WRKR_769	WORKER	3.84E-03	2.19E-05	3.53E-03	3.44E-05	3.53E-03	4.87E-05
558652.684160337.32	558653	4160337	WRKR_770	WORKER	4.10E-03	2.29E-05	3.77E-03	3.60E-05	3.77E-03	5.09E-05
558662.684160297.32	558663	4160297	WRKR_771	WORKER	3.19E-03	2.25E-05	2.94E-03	3.54E-05	2.94E-03	5.00E-05
558662.684160307.32	558663	4160307	WRKR_772	WORKER	3.40E-03	2.29E-05	3.13E-03	3.61E-05	3.13E-03	5.10E-05
558662.684160317.32	558663	4160317	WRKR_773	WORKER	3.62E-03	2.35E-05	3.33E-03	3.69E-05	3.33E-03	5.21E-05
558662.684160327.32	558663	4160327	WRKR_774	WORKER	3.86E-03	2.42E-05	3.55E-03	3.80E-05	3.55E-03	5.37E-05
558662.684160337.32	558663	4160337	WRKR_775	WORKER	4.12E-03	2.51E-05	3.80E-03	3.95E-05	3.80E-03	5.59E-05
558672.684160297.32	558673	4160297	WRKR_776	WORKER	3.21E-03	2.55E-05	2.96E-03	4.00E-05	2.96E-03	5.66E-05
558672.684160307.32	558673	4160307	WRKR_777	WORKER	3.42E-03	2.60E-05	3.15E-03	4.08E-05	3.15E-03	5.78E-05
558672.684160317.32	558673	4160317	WRKR_778	WORKER	3.65E-03	2.65E-05	3.36E-03	4.17E-05	3.36E-03	5.90E-05
558672.684160327.32	558673	4160327	WRKR_779	WORKER	3.89E-03	2.72E-05	3.58E-03	4.27E-05	3.58E-03	6.03E-05
558672.684160337.32	558673	4160337	WRKR_780	WORKER	4.15E-03	2.80E-05	3.82E-03	4.41E-05	3.82E-03	6.23E-05
558543.584160290.65	558544	4160291	WRKR_781	WORKER	2.87E-03	9.51E-06	2.64E-03	1.49E-05	2.64E-03	2.11E-05
558553.584160300.65	558554	4160301	WRKR_782	WORKER	3.06E-03	1.05E-05	2.81E-03	1.64E-05	2.81E-03	2.32E-05
558553.584160310.65	558554	4160311	WRKR_783	WORKER	3.25E-03	1.09E-05	2.99E-03	1.72E-05	2.99E-03	2.43E-05
558553.584160320.65	558554	4160321	WRKR_784	WORKER	3.47E-03	1.15E-05	3.19E-03	1.81E-05	3.19E-03	2.56E-05
558553.584160330.65	558554	4160331	WRKR_785	WORKER	3.71E-03	1.21E-05	3.41E-03	1.90E-05	3.41E-03	2.69E-05
558563.584160300.65	558564	4160301	WRKR_786	WORKER	3.07E-03	1.10E-05	2.82E-03	1.73E-05	2.82E-03	2.45E-05
558563.584160310.65	558564	4160311	WRKR_787	WORKER	3.26E-03	1.16E-05	3.00E-03	1.82E-05	3.00E-03	2.57E-05
558563.584160320.65	558564	4160321	WRKR_788	WORKER	3.48E-03	1.22E-05	3.21E-03	1.91E-05	3.21E-03	2.70E-05
558563.584160330.65	558564	4160331	WRKR_789	WORKER	3.73E-03	1.28E-05	3.43E-03	2.01E-05	3.43E-03	2.85E-05
558573.584160300.65	558574	4160301	WRKR_790	WORKER	3.08E-03	1.16E-05	2.83E-03	1.83E-05	2.83E-03	2.59E-05
558573.584160310.65	558574	4160311	WRKR_791	WORKER	3.28E-03	1.22E-05	3.02E-03	1.92E-05	3.02E-03	2.71E-05
558573.584160320.65	558574	4160321	WRKR_792	WORKER	3.50E-03	1.28E-05	3.22E-03	2.02E-05	3.22E-03	2.85E-05
558573.584160330.65	558574	4160331	WRKR_793	WORKER	3.75E-03	1.36E-05	3.45E-03	2.13E-05	3.45E-03	3.01E-05
558583.584160300.65	558584	4160301	WRKR_794	WORKER	3.10E-03	1.23E-05	2.85E-03	1.94E-05	2.85E-03	2.74E-05
558583.584160310.65	558584	4160311	WRKR_795	WORKER	3.30E-03	1.29E-05	3.04E-03	2.03E-05	3.04E-03	2.87E-05
558583.584160320.65	558584	4160321	WRKR_796	WORKER	3.53E-03	1.36E-05	3.24E-03	2.13E-05	3.24E-03	3.02E-05
558583.584160330.65	558584	4160331	WRKR_797	WORKER	3.77E-03	1.43E-05	3.47E-03	2.25E-05	3.47E-03	3.19E-05
558593.584160330.65	558594	4160331	WRKR_798	WORKER	3.80E-03	1.52E-05	3.50E-03	2.39E-05	3.50E-03	3.38E-05
558455.354160303.56	558455	4160304	WRKR_799	WORKER	3.25E-03	6.41E-06	3.00E-03	1.01E-05	3.00E-03	1.42E-05
558455.354160313.56	558455	4160314	WRKR_800	WORKER	3.43E-03	6.63E-06	3.16E-03	1.04E-05	3.16E-03	1.47E-05
558455.354160323.56	558455	4160324	WRKR_801	WORKER	3.63E-03	6.87E-06	3.34E-03	1.08E-05	3.34E-03	1.53E-05
558455.354160333.56	558455	4160334	WRKR_802	WORKER	3.85E-03	7.12E-06	3.54E-03	1.12E-05	3.54E-03	1.58E-05
558455.354160343.56	558455	4160344	WRKR_803	WORKER	4.09E-03	7.38E-06	3.76E-03	1.16E-05	3.76E-03	1.64E-05
558465.354160303.56	558465	4160304	WRKR_804	WORKER	3.21E-03	6.72E-06	2.96E-03	1.06E-05	2.96E-03	1.49E-05
558465.354160313.56	558465	4160314	WRKR_805	WORKER	3.39E-03	6.96E-06	3.12E-03	1.09E-05	3.12E-03	1.55E-05
558465.354160323.56	558465	4160324	WRKR_806	WORKER	3.59E-03	7.22E-06	3.31E-03	1.13E-05	3.31E-03	1.60E-05
558465.354160333.56	558465	4160334	WRKR_807	WORKER	3.81E-03	7.48E-06	3.51E-03	1.18E-05	3.51E-03	1.66E-05
558465.354160343.56	558465	4160344	WRKR_808	WORKER	4.05E-03	7.78E-06	3.73E-03	1.22E-05	3.73E-03	1.73E-05
558475.354160303.56	558475	4160304	WRKR_809	WORKER	3.18E-03	7.04E-06	2.93E-03	1.11E-05	2.93E-03	1.56E-05
558475.354160313.56	558475	4160314	WRKR_810	WORKER	3.36E-03	7.31E-06	3.09E-03	1.15E-05	3.09E-03	1.62E-05
558475.354160323.56	558475	4160324	WRKR_811	WORKER	3.56E-03	7.59E-06	3.28E-03	1.19E-05	3.28E-03	1.69E-05
558475.354160333.56	558475	4160334	WRKR_812	WORKER	3.78E-03	7.89E-06	3.48E-03	1.24E-05	3.48E-03	1.75E-05
558475.354160343.56	558475	4160344	WRKR_813	WORKER	4.03E-03	8.20E-06	3.71E-03	1.29E-05	3.71E-03	1.82E-05
558485.354160303.56	558485	4160304	WRKR_814	WORKER	3.15E-03	7.40E-06	2.90E-03	1.16E-05	2.90E-03	1.64E-05
558485.354160313.56	558485	4160314	WRKR_815	WORKER	3.33E-03	7.66E-06	3.07E-03	1.20E-05	3.07E-03	1.70E-05
558485.354160323.56	558485	4160324	WRKR_816	WORKER	3.54E-03	7.99E-06	3.26E-03	1.26E-05	3.26E-03	1.78E-05
558485.354160333.56	558485	4160334	WRKR_817	WORKER	3.76E-03	8.32E-06	3.46E-03	1.31E-05	3.46E-03	1.85E-05
558485.354160343.56	558485	4160344	WRKR_818	WORKER	4.01E-03	8.67E-06	3.69E-03	1.36E-05	3.69E-03	1.93E-05
558495.354160303.56	558495	4160304	WRKR_819	WORKER	3.13E-03	7.79E-06	2.88E-03	1.22E-05	2.88E-03	1.73E-05
558495.354160313.56	558495	4160314	WRKR_820	WORKER	3.32E-03	8.11E-06	3.05E-03	1.27E-05	3.05E-03	1.80E-05
558495.354160323.56	558495	4160324	WRKR_821	WORKER	3.52E-03	8.44E-06	3.24E-03	1.33E-05	3.24E-03	1.87E-05
558495.354160333.56	558495	4160334	WRKR_822	WORKER	3.75E-03	8.78E-06	3.45E-03	1.38E-05	3.45E-03	1.95E-05
558495.354160343.56	558495	4160344	WRKR_823	WORKER	4.00E-03	9.18E-06	3.68E-03	1.44E-05	3.68E-03	2.04E-05
558505.354160303.56	558505	4160304	WRKR_824	WORKER	3.12E-03	8.21E-06	2.87E-03	1.29E-05	2.87E-03	1.82E-05
558505.354160313.56	558505	4160314	WRKR_825	WORKER	3.30E-03	8.55E-06	3.04E-03	1.34E-05	3.04E-03	1.90E-05
558505.354160323.56	558505	4160324	WRKR_826	WORKER	3.51E-03	8.91E-06	3.23E-03	1.40E-05	3.23E-03	1.98E-05
558505.354160333.56	558505	4160334	WRKR_827	WORKER	3.74E-03	9.30E-06	3.44E-03	1.46E-05	3.44E-03	2.07E-05
558515.354160303.56	558515	4160304	WRKR_828	WORKER	3.11E-03	8.65E-06	2.86E-03	1.36E-05	2.86E-03	1.92E-05
558515.354160313.56	558515	4160314	WRKR_829	WORKER	3.30E-03	9.02E-06	3.03E-03	1.42E-05	3.03E-03	2.00E-05
558515.354160323.56	558515	4160324	WRKR_830	WORKER	3.51E-03	9.41E-06	3.23E-03	1.48E-05	3.23E-03	2.09E-05
558515.354160333.56	558515	4160334	WRKR_831	WORKER	3.74E-03	9.85E-06	3.44E-03	1.55E-05	3.44E-03	2.19E-05
558525.354160303.56	558525	4160304	WRKR_832	WORKER	3.10E-03	9.12E-06	2.85E-03	1.43E-05	2.85E-03	2.03E-05
558525.354160313.56	558525	4160314	WRKR_833	WORKER	3.29E-03	9.52E-06	3.03E-03	1.50E-05	3.03E-03	2.12E-05
558525.354160323.56	558525	4160324	WRKR_834	WORKER	3.51E-03	9.96E-06	3.23E-03	1.56E-05	3.23E-03	2.21E-05
558525.354160333.56	558525	4160334	WRKR_835	WORKER	3.74E-03	1.04E-05	3.44E-03	1.64E-05	3.44E-03	2.32E-05
558535.354160303.56	558535	4160304	WRKR_836	WORKER	3.10E-03	9.61E-06	2.85E-03	1.51E-05	2.85E-03	2.13E-05
558535.354160313.56	558535	4160314	WRKR_837	WORKER	3.30E-03	1.01E-05	3.03E-03	1.58E-05	3.03E-03	2.23E-05
558535.354160323.56	558535	4160324	WRKR_838	WORKER	3.51E-03	1.05E-05	3.23E-03	1.65E-05	3.23E-03	2.34E-05
558535.354160333.56	558535	4160334	WRKR_839	WORKER	3.75E-03	1.10E-05	3.45E-03	1.73E-05	3.45E-03	2.45E-05
558616.674160229.97	558617	4160230	WRKR_840	WORKER	2.10E-03	1.16E-05	1.93E-03	1.83E-05	1.93E-03	2.59E-05
558616.674160239.97	558617	4160240	WRKR_841	WORKER	2.21E-03	1.21E-05	2.04E-03	1.90E-05	2.04E-03	2.69E-05
558616.674160249.97	558617	4160250	WRKR_842	WORKER	2.34E-03	1.26E-05	2.15E-03	1.98E-05	2.15E-03	2.80E-05
558626.674160229.97	558627	4160230	WRKR_843	WORKER	2.11E-03	1.27E-05	1.94E-03	1.99E-05	1.94E-03	2.82E-05
558626.674160239.97	558627	4160240	WRKR_844	WORKER	2.22E-03	1.32E-05	2.05E-03	2.07E-05	2.05E-03	2.93E-05
558626.674160249.97	558627	4160250	WRKR_845	WORKER	2.35E-03	1.37E-05	2.16E-03	2.16E-05	2.16E-03	3.05E-05
558636.674160229.97	558637	4160230	WRKR_846	WORKER	2.12E-03	1.39E-05	1.95E-03	2.19E-05	1.95E-03	3.09E-05
558636.674160239.97	558637	4160240	WRKR_847	WORKER	2.24E-03	1.45E-05	2.06E-03	2.28E-05	2.06E-03	3.22E-05
558636.674160249.97	558637	4160250	WRKR_848	WORKER	2.37E-03	1.51E-05	2.18E-03	2.37E-05	2.18E-03	3.35E-05
558646.674160229.97	558647	4160230	WRKR_849	WORKER	2.13E-03	1.54E-05	1.96E-03	2.42E-05	1.96E-03	3.43E-05
558646.674160239.97	558647	4160240	WRKR_850	WORKER	2.25E-03	1.61E-05	2.07E-03	2.53E-05	2.07E-03	3.57E-05
558646.674160249.97	558647	4160250	WRKR_851	WORKER	2.38E-03	1.67E-05	2.19E-03	2.63E-05	2.19E-03	3.72E-05
558656.674160229.97	558657	4160230	WRKR_852	WORKER	2.15E-03	1.73E-05	1.98E-03	2.72E-05	1.98E-03	3.85E-05
558656.674160239.97	558657	4160240	WRKR_853	WORKER	2.27E-03	1.81E-05	2.09E-03	2.84E-05	2.09E-03	4.02E-05
558666.674160229.97	558667	4160230	WRKR_854	WORKER	2.16E-03	1.98E-05	1.99E-03	3.10E-05	1.99E-03	4.39E-05
558666.674160239.97	558667	4160240	WRKR_855	WORKER	2.29E-03	2.07E-05	2.11E-03	3.25E-05	2.11E-03	4.59E-05
558676.674160229.97	558677	4160230	WRKR_856	WORKER	2.18E-03	2.28E-05	2.01E-03	3.59E-05	2.01E-03	5.08E-05
558676.674160239.97	558677	4160240	WRKR_857	WORKER	2.31E-03	2.40E-05	2.12E-03	3.77E-05	2.12E-03	5.33E-05
558686.674160229.97	558687	4160230	WRKR_858	WORKER	2.20E-03	2.69E-05	2.03E-03	4.23E-05	2.03E-03	5.99E-05

RESIDENTIAL CONCENTRATIONS & DOSE

					s	X	s	X		
					3rd Tri		0<2		2<16	
					Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)	
XY	X	Y	Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558686.674160239.97	558687	4160240	WRKR_859	WORKER	2.33E-03	2.84E-05	2.14E-03	4.46E-05	2.14E-03	6.30E-05
558696.674160229.97	558697	4160230	WRKR_860	WORKER	2.22E-03	3.24E-05	2.04E-03	5.10E-05	2.04E-03	7.21E-05
558696.674160239.97	558697	4160240	WRKR_861	WORKER	2.35E-03	3.43E-05	2.16E-03	5.39E-05	2.16E-03	7.62E-05
558706.674160229.97	558707	4160230	WRKR_862	WORKER	2.24E-03	3.99E-05	2.06E-03	6.27E-05	2.06E-03	8.87E-05
558706.674160239.97	558707	4160240	WRKR_863	WORKER	2.37E-03	4.25E-05	2.18E-03	6.68E-05	2.18E-03	9.45E-05
558716.674160229.97	558717	4160230	WRKR_864	WORKER	2.26E-03	5.03E-05	2.08E-03	7.91E-05	2.08E-03	1.12E-04
558716.674160239.97	558717	4160240	WRKR_865	WORKER	2.39E-03	3.92E-05	2.20E-03	6.16E-05	2.20E-03	8.71E-05
558420.214160235.8	558420	4160236	WRKR_866	WORKER	2.56E-03	4.45E-06	2.35E-03	6.99E-06	2.35E-03	9.89E-06
558420.214160245.8	558420	4160246	WRKR_867	WORKER	2.66E-03	4.59E-06	2.45E-03	7.21E-06	2.45E-03	1.02E-05
558420.214160255.8	558420	4160256	WRKR_868	WORKER	2.77E-03	4.73E-06	2.55E-03	7.43E-06	2.55E-03	1.05E-05
558430.214160235.8	558430	4160236	WRKR_869	WORKER	2.50E-03	4.63E-06	2.30E-03	7.27E-06	2.30E-03	1.03E-05
558430.214160245.8	558430	4160246	WRKR_870	WORKER	2.61E-03	4.77E-06	2.40E-03	7.49E-06	2.40E-03	1.06E-05
558430.214160255.8	558430	4160256	WRKR_871	WORKER	2.72E-03	4.92E-06	2.50E-03	7.73E-06	2.50E-03	1.09E-05
558440.214160235.8	558440	4160236	WRKR_872	WORKER	2.45E-03	4.81E-06	2.26E-03	7.57E-06	2.26E-03	1.07E-05
558440.214160245.8	558440	4160246	WRKR_873	WORKER	2.55E-03	4.97E-06	2.35E-03	7.80E-06	2.35E-03	1.10E-05
558440.214160255.8	558440	4160256	WRKR_874	WORKER	2.66E-03	5.12E-06	2.45E-03	8.05E-06	2.45E-03	1.14E-05
558450.214160235.8	558450	4160236	WRKR_875	WORKER	2.41E-03	5.00E-06	2.22E-03	7.86E-06	2.22E-03	1.11E-05
558450.214160245.8	558450	4160246	WRKR_876	WORKER	2.51E-03	5.16E-06	2.31E-03	8.11E-06	2.31E-03	1.15E-05
558450.214160255.8	558450	4160256	WRKR_877	WORKER	2.62E-03	5.33E-06	2.41E-03	8.37E-06	2.41E-03	1.18E-05
558460.214160235.8	558460	4160236	WRKR_878	WORKER	2.37E-03	5.20E-06	2.18E-03	8.17E-06	2.18E-03	1.16E-05
558460.214160245.8	558460	4160246	WRKR_879	WORKER	2.47E-03	5.37E-06	2.27E-03	8.44E-06	2.27E-03	1.19E-05
558460.214160255.8	558460	4160256	WRKR_880	WORKER	2.57E-03	5.56E-06	2.37E-03	8.73E-06	2.37E-03	1.23E-05
558470.214160235.8	558470	4160236	WRKR_881	WORKER	2.33E-03	5.42E-06	2.14E-03	8.52E-06	2.14E-03	1.20E-05
558470.214160245.8	558470	4160246	WRKR_882	WORKER	2.43E-03	5.60E-06	2.23E-03	8.80E-06	2.23E-03	1.24E-05
558470.214160255.8	558470	4160256	WRKR_883	WORKER	2.54E-03	5.80E-06	2.33E-03	9.12E-06	2.33E-03	1.29E-05
558480.214160235.8	558480	4160236	WRKR_884	WORKER	2.29E-03	5.65E-06	2.11E-03	8.88E-06	2.11E-03	1.26E-05
558480.214160245.8	558480	4160246	WRKR_885	WORKER	2.39E-03	5.85E-06	2.20E-03	9.20E-06	2.20E-03	1.30E-05
558480.214160255.8	558480	4160256	WRKR_886	WORKER	2.50E-03	6.07E-06	2.30E-03	9.54E-06	2.30E-03	1.35E-05
558490.214160235.8	558490	4160236	WRKR_887	WORKER	2.26E-03	5.90E-06	2.08E-03	9.28E-06	2.08E-03	1.31E-05
558490.214160245.8	558490	4160246	WRKR_888	WORKER	2.36E-03	6.10E-06	2.17E-03	9.59E-06	2.17E-03	1.36E-05
558490.214160255.8	558490	4160256	WRKR_889	WORKER	2.47E-03	6.34E-06	2.27E-03	9.97E-06	2.27E-03	1.41E-05
558500.214160235.8	558500	4160236	WRKR_890	WORKER	2.24E-03	6.18E-06	2.06E-03	9.72E-06	2.06E-03	1.37E-05
558500.214160245.8	558500	4160246	WRKR_891	WORKER	2.34E-03	6.41E-06	2.15E-03	1.01E-05	2.15E-03	1.42E-05
558500.214160255.8	558500	4160256	WRKR_892	WORKER	2.45E-03	6.65E-06	2.25E-03	1.05E-05	2.25E-03	1.48E-05
558510.214160235.8	558510	4160236	WRKR_893	WORKER	2.21E-03	6.48E-06	2.04E-03	1.02E-05	2.04E-03	1.44E-05
558510.214160245.8	558510	4160246	WRKR_894	WORKER	2.31E-03	6.72E-06	2.13E-03	1.06E-05	2.13E-03	1.49E-05
558510.214160255.8	558510	4160256	WRKR_895	WORKER	2.42E-03	6.98E-06	2.23E-03	1.10E-05	2.23E-03	1.55E-05
558520.214160235.8	558520	4160236	WRKR_896	WORKER	2.19E-03	6.79E-06	2.02E-03	1.07E-05	2.02E-03	1.51E-05
558520.214160245.8	558520	4160246	WRKR_897	WORKER	2.30E-03	7.04E-06	2.11E-03	1.11E-05	2.11E-03	1.57E-05
558520.214160255.8	558520	4160256	WRKR_898	WORKER	2.41E-03	7.33E-06	2.21E-03	1.15E-05	2.21E-03	1.63E-05
558530.214160235.8	558530	4160236	WRKR_899	WORKER	2.18E-03	7.11E-06	2.00E-03	1.12E-05	2.00E-03	1.58E-05
558530.214160245.8	558530	4160246	WRKR_900	WORKER	2.28E-03	7.38E-06	2.10E-03	1.16E-05	2.10E-03	1.64E-05
558530.214160255.8	558530	4160256	WRKR_901	WORKER	2.39E-03	7.69E-06	2.20E-03	1.21E-05	2.20E-03	1.71E-05
558540.214160235.8	558540	4160236	WRKR_902	WORKER	2.16E-03	7.46E-06	1.99E-03	1.17E-05	1.99E-03	1.66E-05
558540.214160245.8	558540	4160246	WRKR_903	WORKER	2.27E-03	7.75E-06	2.09E-03	1.22E-05	2.09E-03	1.72E-05
558540.214160255.8	558540	4160256	WRKR_904	WORKER	2.38E-03	8.08E-06	2.19E-03	1.27E-05	2.19E-03	1.79E-05
558550.214160235.8	558550	4160236	WRKR_905	WORKER	2.15E-03	7.84E-06	1.98E-03	1.23E-05	1.98E-03	1.74E-05
558550.214160245.8	558550	4160246	WRKR_906	WORKER	2.26E-03	8.14E-06	2.08E-03	1.28E-05	2.08E-03	1.81E-05
558550.214160255.8	558550	4160256	WRKR_907	WORKER	2.38E-03	8.49E-06	2.19E-03	1.33E-05	2.19E-03	1.89E-05
558560.214160235.8	558560	4160236	WRKR_908	WORKER	2.15E-03	8.28E-06	1.98E-03	1.30E-05	1.98E-03	1.84E-05
558560.214160245.8	558560	4160246	WRKR_909	WORKER	2.26E-03	8.64E-06	2.08E-03	1.36E-05	2.08E-03	1.92E-05
558560.214160255.8	558560	4160256	WRKR_910	WORKER	2.37E-03	9.01E-06	2.18E-03	1.42E-05	2.18E-03	2.00E-05
558570.214160235.8	558570	4160236	WRKR_911	WORKER	2.14E-03	8.72E-06	1.97E-03	1.37E-05	1.97E-03	1.94E-05
558570.214160245.8	558570	4160246	WRKR_912	WORKER	2.25E-03	9.06E-06	2.07E-03	1.42E-05	2.07E-03	2.01E-05
558570.214160255.8	558570	4160256	WRKR_913	WORKER	2.37E-03	9.45E-06	2.18E-03	1.49E-05	2.18E-03	2.10E-05
558580.214160235.8	558580	4160236	WRKR_914	WORKER	2.14E-03	9.23E-06	1.97E-03	1.45E-05	1.97E-03	2.05E-05
558580.214160245.8	558580	4160246	WRKR_915	WORKER	2.26E-03	9.60E-06	2.08E-03	1.51E-05	2.08E-03	2.13E-05
558590.214160235.8	558590	4160236	WRKR_916	WORKER	2.15E-03	9.85E-06	1.97E-03	1.55E-05	1.97E-03	2.19E-05
558590.214160245.8	558590	4160246	WRKR_917	WORKER	2.26E-03	1.02E-05	2.08E-03	1.61E-05	2.08E-03	2.27E-05
558600.214160245.8	558600	4160246	WRKR_918	WORKER	2.27E-03	1.10E-05	2.09E-03	1.72E-05	2.09E-03	2.43E-05

RESIDENTIAL CONCENTRATIONS & DOSE

			AA	AF	AI	AN	AQ	AT
			3rd Tri Dose (mg/kg-day)		0<2 Dose (mg/kg-day)		2<16 Dose (mg/kg-day)	
XY	X	Y	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
557996.384160720.52	557996	4160721	6.75E-06	4.58E-10	1.87E-05	2.17E-09	9.84E-06	1.61E-09
557996.384160730.52	557996	4160731	6.64E-06	4.56E-10	1.85E-05	2.16E-09	9.68E-06	1.61E-09
557996.384160740.52	557996	4160741	6.45E-06	4.52E-10	1.79E-05	2.15E-09	9.41E-06	1.59E-09
558006.384160710.52	558006	4160711	7.71E-06	4.76E-10	2.14E-05	2.26E-09	1.12E-05	1.68E-09
558006.384160720.52	558006	4160721	7.61E-06	4.74E-10	2.11E-05	2.25E-09	1.11E-05	1.67E-09
558006.384160730.52	558006	4160731	7.44E-06	4.71E-10	2.07E-05	2.24E-09	1.09E-05	1.66E-09
558006.384160740.52	558006	4160741	7.25E-06	4.68E-10	2.02E-05	2.22E-09	1.06E-05	1.65E-09
558016.384160710.52	558016	4160711	8.78E-06	4.93E-10	2.44E-05	2.34E-09	1.28E-05	1.74E-09
558016.384160720.52	558016	4160721	8.62E-06	4.91E-10	2.40E-05	2.33E-09	1.26E-05	1.73E-09
558016.384160730.52	558016	4160731	8.41E-06	4.88E-10	2.34E-05	2.31E-09	1.23E-05	1.72E-09
558016.384160740.52	558016	4160741	8.14E-06	4.84E-10	2.26E-05	2.30E-09	1.19E-05	1.70E-09
558026.384160710.52	558026	4160711	1.00E-05	5.10E-10	2.78E-05	2.42E-09	1.46E-05	1.79E-09
558026.384160720.52	558026	4160721	9.86E-06	5.08E-10	2.74E-05	2.41E-09	1.44E-05	1.79E-09
558026.384160730.52	558026	4160731	9.56E-06	5.04E-10	2.66E-05	2.39E-09	1.39E-05	1.78E-09
558026.384160740.52	558026	4160741	9.21E-06	5.01E-10	2.56E-05	2.38E-09	1.34E-05	1.76E-09
558277.534160581.24	558278	4160581	2.65E-05	2.50E-09	7.37E-05	1.19E-08	3.87E-05	8.81E-09
558277.534160591.24	558278	4160591	3.20E-05	2.57E-09	8.88E-05	1.22E-08	4.66E-05	9.06E-09
558287.534160581.24	558288	4160581	2.58E-05	2.83E-09	7.18E-05	1.34E-08	3.77E-05	9.95E-09
558287.534160591.24	558288	4160591	3.08E-05	2.92E-09	8.55E-05	1.39E-08	4.49E-05	1.03E-08
558297.534160581.24	558298	4160581	2.49E-05	3.22E-09	6.93E-05	1.53E-08	3.64E-05	1.13E-08
558297.534160591.24	558298	4160591	2.96E-05	3.36E-09	8.23E-05	1.59E-08	4.32E-05	1.18E-08
558307.534160581.24	558308	4160581	2.39E-05	3.71E-09	6.63E-05	1.76E-08	3.48E-05	1.31E-08
558307.534160591.24	558308	4160591	2.85E-05	3.91E-09	7.91E-05	1.86E-08	4.15E-05	1.38E-08
558317.534160581.24	558318	4160581	2.29E-05	4.28E-09	6.36E-05	2.03E-08	3.34E-05	1.51E-08
558317.534160591.24	558318	4160591	2.74E-05	4.61E-09	7.60E-05	2.19E-08	3.99E-05	1.62E-08
558327.534160581.24	558328	4160581	2.19E-05	4.94E-09	6.09E-05	2.35E-08	3.19E-05	1.74E-08
558327.534160591.24	558328	4160591	2.62E-05	5.48E-09	7.29E-05	2.60E-08	3.83E-05	1.93E-08
558337.534160581.24	558338	4160581	2.08E-05	5.61E-09	5.77E-05	2.66E-08	3.03E-05	1.97E-08
558101.054160547.13	558101	4160547	1.17E-05	7.27E-10	3.26E-05	3.45E-09	1.71E-05	2.56E-09
558101.054160557.13	558101	4160557	1.28E-05	7.30E-10	3.56E-05	3.47E-09	1.87E-05	2.57E-09
558111.054160547.13	558111	4160547	1.25E-05	7.61E-10	3.47E-05	3.61E-09	1.82E-05	2.68E-09
558111.054160557.13	558111	4160557	1.37E-05	7.65E-10	3.81E-05	3.63E-09	2.00E-05	2.69E-09
558111.054160567.13	558111	4160567	1.51E-05	7.68E-10	4.18E-05	3.64E-09	2.20E-05	2.70E-09
558121.054160537.13	558121	4160537	1.21E-05	7.92E-10	3.35E-05	3.76E-09	1.76E-05	2.79E-09
558121.054160547.13	558121	4160547	1.33E-05	7.97E-10	3.68E-05	3.78E-09	1.93E-05	2.81E-09
558121.054160557.13	558121	4160557	1.46E-05	8.02E-10	4.06E-05	3.81E-09	2.13E-05	2.82E-09
558121.054160567.13	558121	4160567	1.61E-05	8.06E-10	4.48E-05	3.82E-09	2.35E-05	2.84E-09
558121.054160577.13	558121	4160577	1.79E-05	8.08E-10	4.97E-05	3.84E-09	2.61E-05	2.85E-09
558121.054160587.13	558121	4160587	1.99E-05	8.10E-10	5.53E-05	3.84E-09	2.90E-05	2.85E-09
558131.054160527.13	558131	4160527	1.15E-05	8.24E-10	3.20E-05	3.91E-09	1.68E-05	2.90E-09
558131.054160537.13	558131	4160537	1.27E-05	8.31E-10	3.52E-05	3.94E-09	1.85E-05	2.93E-09
558131.054160547.13	558131	4160547	1.40E-05	8.37E-10	3.89E-05	3.97E-09	2.04E-05	2.95E-09
558131.054160557.13	558131	4160557	1.55E-05	8.42E-10	4.30E-05	4.00E-09	2.26E-05	2.96E-09
558131.054160567.13	558131	4160567	1.72E-05	8.46E-10	4.78E-05	4.02E-09	2.51E-05	2.98E-09
558131.054160577.13	558131	4160577	1.92E-05	8.50E-10	5.34E-05	4.03E-09	2.80E-05	2.99E-09
558131.054160587.13	558131	4160587	2.15E-05	8.51E-10	5.98E-05	4.04E-09	3.14E-05	3.00E-09
558131.054160597.13	558131	4160597	2.41E-05	8.52E-10	6.70E-05	4.04E-09	3.52E-05	3.00E-09
558141.054160527.13	558141	4160527	1.20E-05	8.66E-10	3.34E-05	4.11E-09	1.75E-05	3.05E-09
558141.054160537.13	558141	4160537	1.33E-05	8.73E-10	3.69E-05	4.14E-09	1.93E-05	3.07E-09
558141.054160547.13	558141	4160547	1.47E-05	8.80E-10	4.09E-05	4.17E-09	2.15E-05	3.10E-09
558141.054160557.13	558141	4160557	1.64E-05	8.86E-10	4.55E-05	4.20E-09	2.39E-05	3.12E-09
558141.054160567.13	558141	4160567	1.83E-05	8.91E-10	5.10E-05	4.23E-09	2.67E-05	3.14E-09
558141.054160577.13	558141	4160577	2.06E-05	8.95E-10	5.72E-05	4.24E-09	3.00E-05	3.15E-09
558141.054160587.13	558141	4160587	2.32E-05	8.97E-10	6.44E-05	4.26E-09	3.38E-05	3.16E-09
558141.054160597.13	558141	4160597	2.62E-05	8.97E-10	7.27E-05	4.26E-09	3.81E-05	3.16E-09
558141.054160607.13	558141	4160607	2.95E-05	8.96E-10	8.21E-05	4.25E-09	4.31E-05	3.16E-09
558151.054160537.13	558151	4160537	1.38E-05	9.19E-10	3.84E-05	4.36E-09	2.02E-05	3.23E-09
558151.054160547.13	558151	4160547	1.54E-05	9.26E-10	4.28E-05	4.39E-09	2.25E-05	3.26E-09
558151.054160557.13	558151	4160557	1.73E-05	9.33E-10	4.80E-05	4.43E-09	2.52E-05	3.28E-09
558151.054160567.13	558151	4160567	1.95E-05	9.39E-10	5.41E-05	4.46E-09	2.84E-05	3.31E-09
558151.054160577.13	558151	4160577	2.20E-05	9.44E-10	6.12E-05	4.48E-09	3.21E-05	3.32E-09
558151.054160587.13	558151	4160587	2.49E-05	9.47E-10	6.93E-05	4.49E-09	3.64E-05	3.33E-09
558151.054160597.13	558151	4160597	2.86E-05	9.48E-10	7.95E-05	4.50E-09	4.17E-05	3.34E-09
558151.054160607.13	558151	4160607	3.28E-05	9.47E-10	9.11E-05	4.49E-09	4.78E-05	3.33E-09
558151.054160617.13	558151	4160617	3.74E-05	9.44E-10	1.04E-04	4.48E-09	5.46E-05	3.32E-09
558161.054160547.13	558161	4160547	1.62E-05	9.78E-10	4.51E-05	4.64E-09	2.37E-05	3.44E-09
558161.054160557.13	558161	4160557	1.82E-05	9.85E-10	5.05E-05	4.67E-09	2.65E-05	3.47E-09
558161.054160567.13	558161	4160567	2.06E-05	9.92E-10	5.73E-05	4.71E-09	3.01E-05	3.49E-09
558161.054160577.13	558161	4160577	2.35E-05	9.97E-10	6.52E-05	4.73E-09	3.42E-05	3.51E-09
558161.054160587.13	558161	4160587	2.68E-05	1.00E-09	7.45E-05	4.75E-09	3.91E-05	3.53E-09
558161.054160597.13	558161	4160597	3.13E-05	1.00E-09	8.71E-05	4.76E-09	4.57E-05	3.53E-09
558161.054160607.13	558161	4160607	3.58E-05	1.00E-09	9.96E-05	4.75E-09	5.23E-05	3.53E-09
558171.054160557.13	558171	4160557	1.92E-05	1.04E-09	5.33E-05	4.95E-09	2.80E-05	3.67E-09
558171.054160567.13	558171	4160567	2.17E-05	1.05E-09	6.03E-05	4.98E-09	3.16E-05	3.70E-09
558171.054160577.13	558171	4160577	2.49E-05	1.06E-09	6.91E-05	5.01E-09	3.63E-05	3.72E-09
558171.054160587.13	558171	4160587	2.86E-05	1.06E-09	7.95E-05	5.04E-09	4.17E-05	3.74E-09
558171.054160597.13	558171	4160597	3.39E-05	1.06E-09	9.41E-05	5.05E-09	4.94E-05	3.74E-09
558181.054160567.13	558181	4160567	2.29E-05	1.11E-09	6.37E-05	5.29E-09	3.34E-05	3.92E-09
558181.054160577.13	558181	4160577	2.63E-05	1.12E-09	7.31E-05	5.33E-09	3.83E-05	3.95E-09
558181.054160587.13	558181	4160587	3.06E-05	1.13E-09	8.49E-05	5.35E-09	4.46E-05	3.97E-09
558191.054160577.13	558191	4160577	2.74E-05	1.19E-09	7.62E-05	5.65E-09	4.00E-05	4.19E-09
558368.544160582.33	558369	4160582	1.83E-05	7.82E-09	5.09E-05	3.71E-08	2.67E-05	2.75E-08
558378.544160582.33	558379	4160582	1.73E-05	8.23E-09	4.82E-05	3.90E-08	2.53E-05	2.90E-08
558378.544160592.33	558379	4160592	1.96E-05	1.00E-08	5.45E-05	4.76E-08	2.86E-05	3.53E-08
558378.544160602.33	558379	4160602	2.21E-05	1.23E-08	6.15E-05	5.82E-08	3.23E-05	4.32E-08
558378.544160612.33	558379	4160612	2.58E-05	1.64E-08	7.16E-05	7.80E-08	3.76E-05	5.79E-08
558388.544160582.33	558389	4160582	1.62E-05	8.63E-09	4.50E-05	4.09E-08	2.36E-05	3.04E-08
558388.544160592.33	558389	4160592	1.82E-05	1.06E-08	5.06E-05	5.03E-08	2.66E-05	3.73E-08

RESIDENTIAL CONCENTRATIONS & DOSE

			AA	AF	AI	AN	AQ	AT
			3rd Tri Dose (mg/kg-day)		0<2 Dose (mg/kg-day)		2<16 Dose (mg/kg-day)	
XY	X	Y	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558388.544160602.33	558389	4160602	2.04E-05	1.31E-08	5.67E-05	6.20E-08	2.97E-05	4.60E-08
558388.544160612.33	558389	4160612	2.37E-05	1.16E-08	6.58E-05	5.51E-08	3.46E-05	4.09E-08
558398.544160582.33	558399	4160582	1.50E-05	9.11E-09	4.16E-05	4.32E-08	2.18E-05	3.21E-08
558398.544160592.33	558399	4160592	1.67E-05	1.10E-08	4.65E-05	5.20E-08	2.44E-05	3.86E-08
558398.544160602.33	558399	4160602	1.89E-05	1.38E-08	5.24E-05	6.55E-08	2.75E-05	4.86E-08
558398.544160612.33	558399	4160612	2.17E-05	1.29E-08	6.02E-05	6.11E-08	3.16E-05	4.53E-08
557976.094160490.12	557976	4160490	3.63E-06	4.36E-10	1.01E-05	2.07E-09	5.29E-06	1.53E-09
557976.094160500.12	557976	4160500	3.76E-06	4.39E-10	1.05E-05	2.08E-09	5.49E-06	1.54E-09
557976.094160510.12	557976	4160510	3.93E-06	4.42E-10	1.09E-05	2.10E-09	5.74E-06	1.56E-09
557976.094160520.12	557976	4160520	4.09E-06	4.44E-10	1.14E-05	2.11E-09	5.97E-06	1.56E-09
557976.094160530.12	557976	4160530	4.23E-06	4.47E-10	1.18E-05	2.12E-09	6.17E-06	1.57E-09
557986.094160480.12	557986	4160480	3.74E-06	4.48E-10	1.04E-05	2.12E-09	5.46E-06	1.58E-09
557986.094160490.12	557986	4160490	3.95E-06	4.52E-10	1.10E-05	2.14E-09	5.76E-06	1.59E-09
557986.094160500.12	557986	4160500	4.09E-06	4.55E-10	1.14E-05	2.16E-09	5.97E-06	1.60E-09
557986.094160510.12	557986	4160510	4.25E-06	4.57E-10	1.18E-05	2.17E-09	6.19E-06	1.61E-09
557986.094160520.12	557986	4160520	4.40E-06	4.60E-10	1.22E-05	2.18E-09	6.42E-06	1.62E-09
557986.094160530.12	557986	4160530	4.56E-06	4.62E-10	1.27E-05	2.19E-09	6.65E-06	1.63E-09
557996.094160480.12	557996	4160480	4.05E-06	4.65E-10	1.12E-05	2.20E-09	5.90E-06	1.64E-09
557996.094160490.12	557996	4160490	4.21E-06	4.68E-10	1.17E-05	2.22E-09	6.14E-06	1.65E-09
557996.094160500.12	557996	4160500	4.38E-06	4.71E-10	1.22E-05	2.23E-09	6.38E-06	1.66E-09
557996.094160510.12	557996	4160510	4.55E-06	4.73E-10	1.26E-05	2.25E-09	6.64E-06	1.67E-09
557996.094160520.12	557996	4160520	4.73E-06	4.76E-10	1.31E-05	2.26E-09	6.90E-06	1.68E-09
557996.094160530.12	557996	4160530	4.92E-06	4.78E-10	1.37E-05	2.27E-09	7.17E-06	1.68E-09
557996.094160540.12	557996	4160540	5.11E-06	4.80E-10	1.42E-05	2.28E-09	7.45E-06	1.69E-09
557996.094160550.12	557996	4160550	5.30E-06	4.82E-10	1.47E-05	2.28E-09	7.72E-06	1.70E-09
557996.094160560.12	557996	4160560	5.49E-06	4.83E-10	1.52E-05	2.29E-09	8.00E-06	1.70E-09
557996.094160570.12	557996	4160570	5.68E-06	4.84E-10	1.58E-05	2.30E-09	8.28E-06	1.70E-09
558006.094160480.12	558006	4160480	4.30E-06	4.81E-10	1.19E-05	2.28E-09	6.27E-06	1.69E-09
558006.094160490.12	558006	4160490	4.49E-06	4.84E-10	1.25E-05	2.30E-09	6.54E-06	1.70E-09
558006.094160500.12	558006	4160500	4.68E-06	4.87E-10	1.30E-05	2.31E-09	6.82E-06	1.71E-09
558006.094160510.12	558006	4160510	4.88E-06	4.90E-10	1.36E-05	2.32E-09	7.12E-06	1.72E-09
558006.094160520.12	558006	4160520	5.09E-06	4.92E-10	1.41E-05	2.34E-09	7.42E-06	1.73E-09
558006.094160530.12	558006	4160530	5.31E-06	4.95E-10	1.47E-05	2.35E-09	7.74E-06	1.74E-09
558006.094160540.12	558006	4160540	5.53E-06	4.97E-10	1.54E-05	2.36E-09	8.06E-06	1.75E-09
558006.094160550.12	558006	4160550	5.75E-06	4.99E-10	1.60E-05	2.37E-09	8.39E-06	1.76E-09
558006.094160560.12	558006	4160560	5.98E-06	5.00E-10	1.66E-05	2.37E-09	8.73E-06	1.76E-09
558006.094160570.12	558006	4160570	6.21E-06	5.01E-10	1.73E-05	2.38E-09	9.05E-06	1.76E-09
558016.094160480.12	558016	4160480	4.57E-06	4.97E-10	1.27E-05	2.36E-09	6.66E-06	1.75E-09
558016.094160490.12	558016	4160490	4.78E-06	5.01E-10	1.33E-05	2.38E-09	6.97E-06	1.76E-09
558016.094160500.12	558016	4160500	5.00E-06	5.04E-10	1.39E-05	2.39E-09	7.29E-06	1.77E-09
558016.094160510.12	558016	4160510	5.23E-06	5.07E-10	1.45E-05	2.41E-09	7.63E-06	1.78E-09
558016.094160520.12	558016	4160520	5.48E-06	5.10E-10	1.52E-05	2.42E-09	7.98E-06	1.79E-09
558016.094160530.12	558016	4160530	5.73E-06	5.13E-10	1.59E-05	2.43E-09	8.35E-06	1.81E-09
558016.094160540.12	558016	4160540	5.99E-06	5.15E-10	1.66E-05	2.45E-09	8.73E-06	1.81E-09
558016.094160550.12	558016	4160550	6.26E-06	5.17E-10	1.74E-05	2.45E-09	9.12E-06	1.82E-09
558016.094160560.12	558016	4160560	6.53E-06	5.19E-10	1.82E-05	2.46E-09	9.53E-06	1.83E-09
558016.094160570.12	558016	4160570	6.81E-06	5.20E-10	1.89E-05	2.47E-09	9.93E-06	1.83E-09
558026.094160480.12	558026	4160480	4.84E-06	5.15E-10	1.35E-05	2.44E-09	7.06E-06	1.81E-09
558026.094160490.12	558026	4160490	5.08E-06	5.19E-10	1.41E-05	2.46E-09	7.41E-06	1.83E-09
558026.094160500.12	558026	4160500	5.34E-06	5.22E-10	1.48E-05	2.48E-09	7.78E-06	1.84E-09
558026.094160510.12	558026	4160510	5.59E-06	5.24E-10	1.55E-05	2.49E-09	8.15E-06	1.85E-09
558026.094160520.12	558026	4160520	5.88E-06	5.28E-10	1.63E-05	2.50E-09	8.58E-06	1.86E-09
558026.094160530.12	558026	4160530	6.18E-06	5.32E-10	1.72E-05	2.52E-09	9.01E-06	1.87E-09
558026.094160540.12	558026	4160540	6.48E-06	5.34E-10	1.80E-05	2.54E-09	9.45E-06	1.88E-09
558026.094160550.12	558026	4160550	6.80E-06	5.37E-10	1.89E-05	2.55E-09	9.92E-06	1.89E-09
558026.094160560.12	558026	4160560	7.14E-06	5.38E-10	1.98E-05	2.55E-09	1.04E-05	1.89E-09
558026.094160570.12	558026	4160570	7.47E-06	5.39E-10	2.08E-05	2.56E-09	1.09E-05	1.90E-09
558036.094160480.12	558036	4160480	5.12E-06	5.32E-10	1.42E-05	2.53E-09	7.46E-06	1.87E-09
558036.094160490.12	558036	4160490	5.40E-06	5.37E-10	1.50E-05	2.55E-09	7.88E-06	1.89E-09
558036.094160500.12	558036	4160500	5.65E-06	5.40E-10	1.57E-05	2.56E-09	8.24E-06	1.90E-09
558036.094160510.12	558036	4160510	5.87E-06	5.42E-10	1.63E-05	2.57E-09	8.56E-06	1.91E-09
558036.094160520.12	558036	4160520	6.24E-06	5.47E-10	1.73E-05	2.59E-09	9.10E-06	1.92E-09
558036.094160530.12	558036	4160530	6.66E-06	5.52E-10	1.85E-05	2.62E-09	9.71E-06	1.94E-09
558036.094160540.12	558036	4160540	7.02E-06	5.55E-10	1.95E-05	2.63E-09	1.02E-05	1.95E-09
558036.094160550.12	558036	4160550	7.40E-06	5.57E-10	2.06E-05	2.64E-09	1.08E-05	1.96E-09
558036.094160560.12	558036	4160560	7.79E-06	5.59E-10	2.17E-05	2.65E-09	1.14E-05	1.97E-09
558046.094160480.12	558046	4160480	5.29E-06	5.49E-10	1.47E-05	2.61E-09	7.71E-06	1.93E-09
558046.094160490.12	558046	4160490	5.58E-06	5.53E-10	1.55E-05	2.63E-09	8.14E-06	1.95E-09
558046.094160500.12	558046	4160500	5.87E-06	5.56E-10	1.63E-05	2.64E-09	8.56E-06	1.96E-09
558046.094160510.12	558046	4160510	6.18E-06	5.60E-10	1.72E-05	2.66E-09	9.01E-06	1.97E-09
558046.094160520.12	558046	4160520	6.64E-06	5.67E-10	1.84E-05	2.69E-09	9.68E-06	1.99E-09
558046.094160530.12	558046	4160530	7.17E-06	5.73E-10	1.99E-05	2.72E-09	1.05E-05	2.02E-09
558046.094160540.12	558046	4160540	7.59E-06	5.76E-10	2.11E-05	2.73E-09	1.11E-05	2.03E-09
558046.094160550.12	558046	4160550	8.04E-06	5.79E-10	2.23E-05	2.75E-09	1.17E-05	2.04E-09
558056.094160480.12	558056	4160480	5.54E-06	5.69E-10	1.54E-05	2.70E-09	8.08E-06	2.00E-09
558056.094160490.12	558056	4160490	5.85E-06	5.72E-10	1.63E-05	2.72E-09	8.53E-06	2.02E-09
558056.094160500.12	558056	4160500	6.16E-06	5.75E-10	1.71E-05	2.73E-09	8.98E-06	2.03E-09
558056.094160510.12	558056	4160510	6.54E-06	5.80E-10	1.82E-05	2.75E-09	9.53E-06	2.04E-09
558056.094160520.12	558056	4160520	7.11E-06	5.89E-10	1.98E-05	2.80E-09	1.04E-05	2.07E-09
558056.094160530.12	558056	4160530	7.70E-06	5.96E-10	2.14E-05	2.83E-09	1.12E-05	2.10E-09
558056.094160540.12	558056	4160540	8.19E-06	5.99E-10	2.27E-05	2.84E-09	1.19E-05	2.11E-09
558066.094160480.12	558066	4160480	6.01E-06	5.97E-10	1.67E-05	2.83E-09	8.76E-06	2.10E-09
558066.094160490.12	558066	4160490	6.35E-06	6.00E-10	1.77E-05	2.85E-09	9.26E-06	2.11E-09
558066.094160500.12	558066	4160500	6.57E-06	6.00E-10	1.83E-05	2.85E-09	9.58E-06	2.11E-09
558066.094160510.12	558066	4160510	7.12E-06	6.08E-10	1.98E-05	2.89E-09	1.04E-05	2.14E-09
558066.094160520.12	558066	4160520	7.73E-06	6.16E-10	2.15E-05	2.92E-09	1.13E-05	2.17E-09
558066.094160530.12	558066	4160530	8.25E-06	6.20E-10	2.29E-05	2.94E-09	1.20E-05	2.18E-09
558076.094160480.12	558076	4160480	6.30E-06	6.21E-10	1.75E-05	2.95E-09	9.19E-06	2.19E-09
558076.094160490.12	558076	4160490	6.72E-06	6.25E-10	1.87E-05	2.97E-09	9.80E-06	2.20E-09
558076.094160500.12	558076	4160500	6.94E-06	6.25E-10	1.93E-05	2.96E-09	1.01E-05	2.20E-09
558076.094160510.12	558076	4160510	7.67E-06	6.35E-10	2.13E-05	3.01E-09	1.12E-05	2.24E-09
558076.094160520.12	558076	4160520	8.21E-06	6.42E-10	2.28E-05	3.04E-09	1.20E-05	2.26E-09
558086.094160490.12	558086	4160490	6.98E-06	6.51E-10	1.94E-05	3.09E-09	1.02E-05	2.29E-09
558086.094160500.12	558086	4160500	7.38E-06	6.54E-10	2.05E-05	3.10E-09	1.08E-05	2.30E-09
558086.094160510.12	558086	4160510	8.10E-06	6.63E-10	2.25E-05	3.15E-09	1.18E-05	2.33E-09
558096.094160490.12	558096	4160490	7.25E-06	6.78E-10	2.01E-05	3.22E-09	1.06E-05	2.39E-09
558096.094160500.12	558096	4160500	7.91E-06	6.86E-10	2.20E-05	3.25E-09	1.15E-05	2.41E-09
558186.784160496.28	558187	4160496	9.17E-06	1.06E-09	2.55E-05	5.02E-09	1.34E-05	3.73E-09
558186.784160506.28	558187	4160506	1.01E-05	1.06E-09	2.80E-05	5.05E-09	1.47E-05	3.75E-09
558196.784160496.28	558197	4160496	9.18E-06	1.12E-09	2.55E-05	5.34E-09	1.34E-05	3.96E-09
558196.784160506.28	558197	4160506	1.01E-05	1.13E-09	2.79E-05	5.38E-09	1.47E-05	3.99E-09
558196.784160516.28	558197	4160516	1.12E-05	1.14E-09	3.10E-05	5.42E-09	1.63E-05	4.02E-09
558196.784160526.28	558197	4160526	1.27E-05	1.16E-09	3.52E-05	5.50E-09	1.85E-05	4.08E-09

RESIDENTIAL CONCENTRATIONS & DOSE

			AA	AF	AI	AN	AQ	AT
			3rd Tri Dose (mg/kg-day)		0<2 Dose (mg/kg-day)		2<16 Dose (mg/kg-day)	
XY	X	Y	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558206.784160506.28	558207	4160506	1.00E-05	1.21E-09	2.79E-05	5.74E-09	1.46E-05	4.26E-09
558206.784160516.28	558207	4160516	1.12E-05	1.23E-09	3.11E-05	5.81E-09	1.63E-05	4.31E-09
558206.784160526.28	558207	4160526	1.25E-05	1.24E-09	3.48E-05	5.87E-09	1.83E-05	4.36E-09
558206.784160536.28	558207	4160536	1.43E-05	1.26E-09	3.98E-05	5.96E-09	2.09E-05	4.42E-09
558216.784160516.28	558217	4160516	1.11E-05	1.31E-09	3.08E-05	6.22E-09	1.62E-05	4.61E-09
558216.784160526.28	558217	4160526	1.24E-05	1.33E-09	3.45E-05	6.31E-09	1.81E-05	4.68E-09
558216.784160536.28	558217	4160536	1.40E-05	1.35E-09	3.90E-05	6.38E-09	2.05E-05	4.74E-09
558216.784160546.28	558217	4160546	1.61E-05	1.36E-09	4.47E-05	6.46E-09	2.35E-05	4.80E-09
558226.784160526.28	558227	4160526	1.22E-05	1.42E-09	3.40E-05	6.76E-09	1.78E-05	5.02E-09
558226.784160536.28	558227	4160536	1.39E-05	1.45E-09	3.85E-05	6.87E-09	2.02E-05	5.10E-09
558226.784160546.28	558227	4160546	1.59E-05	1.47E-09	4.42E-05	6.98E-09	2.32E-05	5.18E-09
558236.784160536.28	558237	4160536	1.35E-05	1.56E-09	3.75E-05	7.40E-09	1.97E-05	5.49E-09
558115.174160402.59	558115	4160403	4.24E-06	6.79E-10	1.18E-05	3.22E-09	6.19E-06	2.39E-09
558115.174160412.59	558115	4160413	4.53E-06	6.87E-10	1.26E-05	3.26E-09	6.60E-06	2.42E-09
558115.174160422.59	558115	4160423	4.84E-06	6.93E-10	1.35E-05	3.29E-09	7.06E-06	2.44E-09
558115.174160432.59	558115	4160433	5.18E-06	7.01E-10	1.44E-05	3.33E-09	7.56E-06	2.47E-09
558115.174160442.59	558115	4160443	5.56E-06	7.08E-10	1.54E-05	3.36E-09	8.10E-06	2.49E-09
558125.174160392.59	558125	4160393	4.02E-06	6.99E-10	1.12E-05	3.32E-09	5.86E-06	2.46E-09
558125.174160402.59	558125	4160403	4.29E-06	7.08E-10	1.19E-05	3.36E-09	6.25E-06	2.49E-09
558125.174160412.59	558125	4160413	4.59E-06	7.15E-10	1.27E-05	3.39E-09	6.69E-06	2.52E-09
558125.174160422.59	558125	4160423	4.91E-06	7.23E-10	1.36E-05	3.43E-09	7.16E-06	2.55E-09
558125.174160432.59	558125	4160433	5.27E-06	7.31E-10	1.46E-05	3.47E-09	7.68E-06	2.57E-09
558125.174160442.59	558125	4160443	5.66E-06	7.39E-10	1.57E-05	3.51E-09	8.25E-06	2.60E-09
558135.174160372.59	558135	4160373	3.55E-06	7.11E-10	9.87E-06	3.37E-09	5.18E-06	2.50E-09
558135.174160382.59	558135	4160383	3.78E-06	7.20E-10	1.05E-05	3.42E-09	5.52E-06	2.54E-09
558135.174160392.59	558135	4160393	4.04E-06	7.29E-10	1.12E-05	3.46E-09	5.89E-06	2.57E-09
558135.174160402.59	558135	4160403	4.32E-06	7.37E-10	1.20E-05	3.50E-09	6.30E-06	2.60E-09
558135.174160412.59	558135	4160413	4.62E-06	7.46E-10	1.28E-05	3.54E-09	6.74E-06	2.63E-09
558135.174160422.59	558135	4160423	4.96E-06	7.55E-10	1.38E-05	3.58E-09	7.23E-06	2.66E-09
558135.174160432.59	558135	4160433	5.33E-06	7.63E-10	1.48E-05	3.62E-09	7.77E-06	2.69E-09
558135.174160442.59	558135	4160443	5.74E-06	7.73E-10	1.59E-05	3.67E-09	8.37E-06	2.72E-09
558145.174160372.59	558145	4160373	3.55E-06	7.41E-10	9.87E-06	3.51E-09	5.18E-06	2.61E-09
558145.174160382.59	558145	4160383	3.79E-06	7.51E-10	1.05E-05	3.56E-09	5.52E-06	2.64E-09
558145.174160392.59	558145	4160393	4.05E-06	7.60E-10	1.12E-05	3.61E-09	5.90E-06	2.68E-09
558145.174160402.59	558145	4160403	4.33E-06	7.70E-10	1.20E-05	3.65E-09	6.31E-06	2.71E-09
558145.174160412.59	558145	4160413	4.64E-06	7.79E-10	1.29E-05	3.70E-09	6.77E-06	2.74E-09
558145.174160422.59	558145	4160423	4.99E-06	7.89E-10	1.39E-05	3.74E-09	7.27E-06	2.78E-09
558145.174160432.59	558145	4160433	5.37E-06	7.99E-10	1.49E-05	3.79E-09	7.83E-06	2.81E-09
558145.174160442.59	558145	4160443	5.79E-06	8.09E-10	1.61E-05	3.84E-09	8.45E-06	2.85E-09
558155.174160372.59	558155	4160373	3.54E-06	7.72E-10	9.83E-06	3.66E-09	5.16E-06	2.72E-09
558155.174160382.59	558155	4160383	3.78E-06	7.83E-10	1.05E-05	3.71E-09	5.51E-06	2.76E-09
558155.174160392.59	558155	4160393	4.04E-06	7.93E-10	1.12E-05	3.76E-09	5.89E-06	2.79E-09
558155.174160402.59	558155	4160403	4.33E-06	8.04E-10	1.20E-05	3.82E-09	6.31E-06	2.83E-09
558155.174160412.59	558155	4160413	4.65E-06	8.15E-10	1.29E-05	3.87E-09	6.77E-06	2.87E-09
558155.174160422.59	558155	4160423	5.00E-06	8.25E-10	1.39E-05	3.92E-09	7.29E-06	2.91E-09
558155.174160432.59	558155	4160433	5.39E-06	8.36E-10	1.50E-05	3.97E-09	7.86E-06	2.94E-09
558155.174160442.59	558155	4160443	5.82E-06	8.47E-10	1.62E-05	4.02E-09	8.49E-06	2.98E-09
558165.174160362.59	558165	4160363	3.29E-06	7.92E-10	9.15E-06	3.76E-09	4.80E-06	2.79E-09
558165.174160372.59	558165	4160373	3.51E-06	8.05E-10	9.75E-06	3.82E-09	5.12E-06	2.83E-09
558165.174160382.59	558165	4160383	3.75E-06	8.17E-10	1.04E-05	3.88E-09	5.47E-06	2.88E-09
558165.174160392.59	558165	4160393	4.02E-06	8.29E-10	1.12E-05	3.93E-09	5.85E-06	2.92E-09
558165.174160402.59	558165	4160403	4.31E-06	8.41E-10	1.20E-05	3.99E-09	6.28E-06	2.96E-09
558165.174160412.59	558165	4160413	4.63E-06	8.53E-10	1.29E-05	4.05E-09	6.75E-06	3.00E-09
558165.174160422.59	558165	4160423	4.98E-06	8.64E-10	1.38E-05	4.10E-09	7.27E-06	3.04E-09
558165.174160432.59	558165	4160433	5.38E-06	8.77E-10	1.49E-05	4.16E-09	7.84E-06	3.09E-09
558175.174160362.59	558175	4160363	3.26E-06	8.26E-10	9.05E-06	3.92E-09	4.75E-06	2.91E-09
558175.174160372.59	558175	4160373	3.47E-06	8.39E-10	9.65E-06	3.98E-09	5.06E-06	2.96E-09
558175.174160382.59	558175	4160383	3.71E-06	8.53E-10	1.03E-05	4.05E-09	5.41E-06	3.00E-09
558175.174160392.59	558175	4160393	3.98E-06	8.66E-10	1.10E-05	4.11E-09	5.80E-06	3.05E-09
558175.174160402.59	558175	4160403	4.27E-06	8.79E-10	1.19E-05	4.17E-09	6.23E-06	3.10E-09
558175.174160412.59	558175	4160413	4.59E-06	8.93E-10	1.28E-05	4.24E-09	6.69E-06	3.14E-09
558175.174160422.59	558175	4160423	4.95E-06	9.06E-10	1.38E-05	4.30E-09	7.22E-06	3.19E-09
558185.174160362.59	558185	4160363	3.21E-06	8.61E-10	8.92E-06	4.09E-09	4.68E-06	3.03E-09
558185.174160372.59	558185	4160373	3.43E-06	8.76E-10	9.52E-06	4.16E-09	4.99E-06	3.08E-09
558185.174160382.59	558185	4160383	3.66E-06	8.91E-10	1.02E-05	4.23E-09	5.34E-06	3.14E-09
558185.174160392.59	558185	4160393	3.92E-06	9.06E-10	1.09E-05	4.30E-09	5.72E-06	3.19E-09
558185.174160402.59	558185	4160403	4.21E-06	9.21E-10	1.17E-05	4.37E-09	6.15E-06	3.24E-09
558185.174160412.59	558185	4160413	4.53E-06	9.36E-10	1.26E-05	4.44E-09	6.61E-06	3.29E-09
558185.174160422.59	558185	4160423	4.89E-06	9.51E-10	1.36E-05	4.51E-09	7.13E-06	3.35E-09
558185.174160432.59	558185	4160433	5.29E-06	9.66E-10	1.47E-05	4.58E-09	7.71E-06	3.40E-09
558185.174160442.59	558185	4160443	5.73E-06	9.80E-10	1.59E-05	4.65E-09	8.35E-06	3.45E-09
558195.174160362.59	558195	4160363	3.16E-06	8.99E-10	8.77E-06	4.26E-09	4.60E-06	3.16E-09
558195.174160372.59	558195	4160373	3.37E-06	9.14E-10	9.36E-06	4.34E-09	4.91E-06	3.22E-09
558195.174160382.59	558195	4160383	3.60E-06	9.31E-10	1.00E-05	4.42E-09	5.25E-06	3.28E-09
558195.174160392.59	558195	4160393	3.86E-06	9.47E-10	1.07E-05	4.50E-09	5.63E-06	3.34E-09
558195.174160402.59	558195	4160403	4.15E-06	9.65E-10	1.15E-05	4.58E-09	6.05E-06	3.40E-09
558195.174160412.59	558195	4160413	4.46E-06	9.81E-10	1.24E-05	4.66E-09	6.51E-06	3.45E-09
558195.174160422.59	558195	4160423	4.82E-06	9.98E-10	1.34E-05	4.73E-09	7.02E-06	3.51E-09
558195.174160432.59	558195	4160433	5.21E-06	1.01E-09	1.45E-05	4.82E-09	7.60E-06	3.57E-09
558195.174160442.59	558195	4160443	5.64E-06	1.03E-09	1.57E-05	4.89E-09	8.22E-06	3.63E-09
558195.174160452.59	558195	4160453	6.11E-06	1.04E-09	1.70E-05	4.96E-09	8.91E-06	3.68E-09
558205.174160362.59	558205	4160363	3.10E-06	9.37E-10	8.61E-06	4.45E-09	4.52E-06	3.30E-09
558205.174160372.59	558205	4160373	3.30E-06	9.55E-10	9.18E-06	4.53E-09	4.82E-06	3.36E-09
558205.174160382.59	558205	4160383	3.53E-06	9.73E-10	9.82E-06	4.62E-09	5.15E-06	3.43E-09
558205.174160392.59	558205	4160393	3.79E-06	9.92E-10	1.05E-05	4.71E-09	5.52E-06	3.49E-09
558205.174160402.59	558205	4160403	4.07E-06	1.01E-09	1.13E-05	4.80E-09	5.94E-06	3.56E-09
558205.174160412.59	558205	4160413	4.38E-06	1.03E-09	1.22E-05	4.88E-09	6.39E-06	3.62E-09
558205.174160422.59	558205	4160423	4.73E-06	1.05E-09	1.31E-05	4.98E-09	6.90E-06	3.69E-09
558205.174160432.59	558205	4160433	5.11E-06	1.07E-09	1.42E-05	5.06E-09	7.45E-06	3.76E-09
558205.174160442.59	558205	4160443	5.54E-06	1.09E-09	1.54E-05	5.15E-09	8.08E-06	3.82E-09
558205.174160452.59	558205	4160453	6.01E-06	1.10E-09	1.67E-05	5.23E-09	8.76E-06	3.88E-09
558205.174160462.59	558205	4160463	6.54E-06	1.12E-09	1.82E-05	5.31E-09	9.54E-06	3.94E-09
558215.174160362.59	558215	4160363	3.03E-06	9.78E-10	8.42E-06	4.64E-09	4.42E-06	3.44E-09
558215.174160372.59	558215	4160373	3.24E-06	9.98E-10	8.99E-06	4.73E-09	4.72E-06	3.51E-09
558215.174160382.59	558215	4160383	3.46E-06	1.02E-09	9.62E-06	4.83E-09	5.05E-06	3.59E-09
558215.174160392.59	558215	4160393	3.71E-06	1.04E-09	1.03E-05	4.93E-09	5.41E-06	3.66E-09
558215.174160402.59	558215	4160403	3.98E-06	1.06E-09	1.11E-05	5.03E-09	5.81E-06	3.73E-09
558215.174160412.59	558215	4160413	4.29E-06	1.08E-09	1.19E-05	5.13E-09	6.25E-06	3.81E-09
558215.174160422.59	558215	4160423	4.62E-06	1.10E-09	1.28E-05	5.22E-09	6.74E-06	3.88E-09
558215.174160432.59	558215	4160433	5.00E-06	1.12E-09	1.39E-05	5.33E-09	7.29E-06	3.95E-09
558215.174160442.59	558215	4160443	5.42E-06	1.14E-09	1.51E-05	5.43E-09	7.91E-06	4.03E-09
558215.174160452.59	558215	4160453	5.90E-06	1.17E-09	1.64E-05	5.53E-09	8.61E-06	4.11E-09
558215.174160462.59	558215	4160463	6.41E-06	1.18E-09	1.78E-05	5.62E-09	9.35E-06	4.17E-09

RESIDENTIAL CONCENTRATIONS & DOSE			AA	AF	AI	AN	AQ	AT
			3rd Tri Dose (mg/kg-day)		0<2 Dose (mg/kg-day)		2<16 Dose (mg/kg-day)	
XY	X	Y	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558215.174160472.59	558215	4160473	7.01E-06	1.21E-09	1.95E-05	5.72E-09	1.02E-05	4.24E-09
558225.174160362.59	558225	4160363	2.96E-06	1.02E-09	8.23E-06	4.84E-09	4.32E-06	3.59E-09
558225.174160372.59	558225	4160373	3.16E-06	1.04E-09	8.78E-06	4.95E-09	4.61E-06	3.67E-09
558225.174160382.59	558225	4160383	3.38E-06	1.07E-09	9.40E-06	5.06E-09	4.93E-06	3.75E-09
558225.174160392.59	558225	4160393	3.62E-06	1.09E-09	1.01E-05	5.16E-09	5.28E-06	3.83E-09
558225.174160402.59	558225	4160403	3.89E-06	1.11E-09	1.08E-05	5.27E-09	5.67E-06	3.91E-09
558225.174160412.59	558225	4160413	4.18E-06	1.13E-09	1.16E-05	5.38E-09	6.10E-06	3.99E-09
558225.174160422.59	558225	4160423	4.51E-06	1.16E-09	1.25E-05	5.49E-09	6.58E-06	4.08E-09
558225.174160432.59	558225	4160433	4.88E-06	1.18E-09	1.35E-05	5.61E-09	7.11E-06	4.16E-09
558225.174160442.59	558225	4160443	5.29E-06	1.21E-09	1.47E-05	5.73E-09	7.71E-06	4.25E-09
558225.174160452.59	558225	4160453	5.75E-06	1.23E-09	1.60E-05	5.84E-09	8.39E-06	4.34E-09
558225.174160462.59	558225	4160463	6.28E-06	1.26E-09	1.74E-05	5.96E-09	9.15E-06	4.42E-09
558225.174160472.59	558225	4160473	6.86E-06	1.28E-09	1.91E-05	6.07E-09	1.00E-05	4.50E-09
558225.174160482.59	558225	4160483	7.52E-06	1.30E-09	2.09E-05	6.18E-09	1.10E-05	4.59E-09
558235.174160362.59	558235	4160363	2.89E-06	1.07E-09	8.03E-06	5.06E-09	4.21E-06	3.75E-09
558235.174160372.59	558235	4160373	3.08E-06	1.09E-09	8.56E-06	5.17E-09	4.49E-06	3.84E-09
558235.174160382.59	558235	4160383	3.30E-06	1.11E-09	9.16E-06	5.29E-09	4.81E-06	3.92E-09
558235.174160392.59	558235	4160393	3.53E-06	1.14E-09	9.81E-06	5.41E-09	5.15E-06	4.01E-09
558235.174160402.59	558235	4160403	3.79E-06	1.17E-09	1.05E-05	5.53E-09	5.53E-06	4.10E-09
558235.174160412.59	558235	4160413	4.07E-06	1.19E-09	1.13E-05	5.65E-09	5.94E-06	4.19E-09
558235.174160422.59	558235	4160423	4.39E-06	1.22E-09	1.22E-05	5.78E-09	6.41E-06	4.29E-09
558235.174160432.59	558235	4160433	4.75E-06	1.25E-09	1.32E-05	5.91E-09	6.92E-06	4.38E-09
558235.174160442.59	558235	4160443	5.15E-06	1.27E-09	1.43E-05	6.04E-09	7.50E-06	4.48E-09
558235.174160452.59	558235	4160453	5.60E-06	1.30E-09	1.56E-05	6.17E-09	8.16E-06	4.58E-09
558235.174160462.59	558235	4160463	6.11E-06	1.33E-09	1.70E-05	6.31E-09	8.91E-06	4.68E-09
558235.174160472.59	558235	4160473	6.70E-06	1.36E-09	1.86E-05	6.45E-09	9.76E-06	4.79E-09
558235.174160482.59	558235	4160483	7.34E-06	1.39E-09	2.04E-05	6.58E-09	1.07E-05	4.88E-09
558235.174160492.59	558235	4160493	8.07E-06	1.41E-09	2.24E-05	6.70E-09	1.18E-05	4.97E-09
558245.174160362.59	558245	4160363	2.81E-06	1.11E-09	7.82E-06	5.28E-09	4.10E-06	3.92E-09
558245.174160372.59	558245	4160373	3.00E-06	1.14E-09	8.34E-06	5.40E-09	4.38E-06	4.01E-09
558245.174160382.59	558245	4160383	3.21E-06	1.17E-09	8.91E-06	5.53E-09	4.68E-06	4.11E-09
558245.174160392.59	558245	4160393	3.44E-06	1.19E-09	9.55E-06	5.67E-09	5.01E-06	4.20E-09
558245.174160402.59	558245	4160403	3.69E-06	1.22E-09	1.02E-05	5.80E-09	5.38E-06	4.31E-09
558245.174160412.59	558245	4160413	3.96E-06	1.25E-09	1.10E-05	5.94E-09	5.78E-06	4.41E-09
558245.174160422.59	558245	4160423	4.27E-06	1.28E-09	1.19E-05	6.08E-09	6.23E-06	4.51E-09
558245.174160432.59	558245	4160433	4.61E-06	1.31E-09	1.28E-05	6.22E-09	6.73E-06	4.62E-09
558245.174160442.59	558245	4160443	5.00E-06	1.34E-09	1.39E-05	6.37E-09	7.29E-06	4.73E-09
558245.174160452.59	558245	4160453	5.44E-06	1.38E-09	1.51E-05	6.53E-09	7.93E-06	4.85E-09
558245.174160462.59	558245	4160463	5.94E-06	1.41E-09	1.65E-05	6.69E-09	8.66E-06	4.96E-09
558245.174160472.59	558245	4160473	6.50E-06	1.44E-09	1.81E-05	6.85E-09	9.48E-06	5.08E-09
558245.174160482.59	558245	4160483	7.14E-06	1.48E-09	1.98E-05	7.01E-09	1.04E-05	5.20E-09
558245.174160492.59	558245	4160493	7.87E-06	1.51E-09	2.19E-05	7.16E-09	1.15E-05	5.31E-09
558245.174160502.59	558245	4160503	8.69E-06	1.54E-09	2.42E-05	7.31E-09	1.27E-05	5.42E-09
558255.174160362.59	558255	4160363	2.73E-06	1.16E-09	7.60E-06	5.51E-09	3.99E-06	4.09E-09
558255.174160372.59	558255	4160373	2.92E-06	1.19E-09	8.10E-06	5.65E-09	4.25E-06	4.19E-09
558255.174160382.59	558255	4160383	3.12E-06	1.22E-09	8.66E-06	5.79E-09	4.54E-06	4.30E-09
558255.174160392.59	558255	4160393	3.34E-06	1.25E-09	9.27E-06	5.94E-09	4.87E-06	4.40E-09
558255.174160402.59	558255	4160403	3.58E-06	1.28E-09	9.95E-06	6.09E-09	5.22E-06	4.52E-09
558255.174160412.59	558255	4160413	3.85E-06	1.32E-09	1.07E-05	6.24E-09	5.62E-06	4.63E-09
558255.174160422.59	558255	4160423	4.15E-06	1.35E-09	1.15E-05	6.40E-09	6.05E-06	4.75E-09
558255.174160432.59	558255	4160433	4.48E-06	1.38E-09	1.24E-05	6.56E-09	6.53E-06	4.87E-09
558255.174160442.59	558255	4160443	4.86E-06	1.42E-09	1.35E-05	6.73E-09	7.08E-06	5.00E-09
558255.174160452.59	558255	4160453	5.28E-06	1.46E-09	1.47E-05	6.91E-09	7.70E-06	5.13E-09
558255.174160462.59	558255	4160463	5.76E-06	1.49E-09	1.60E-05	7.09E-09	8.39E-06	5.26E-09
558255.174160472.59	558255	4160473	6.30E-06	1.53E-09	1.75E-05	7.27E-09	9.19E-06	5.40E-09
558255.174160482.59	558255	4160483	6.93E-06	1.57E-09	1.93E-05	7.46E-09	1.01E-05	5.54E-09
558255.174160492.59	558255	4160493	7.66E-06	1.61E-09	2.13E-05	7.66E-09	1.12E-05	5.68E-09
558255.174160502.59	558255	4160503	8.47E-06	1.65E-09	2.35E-05	7.84E-09	1.24E-05	5.81E-09
558255.174160512.59	558255	4160513	9.41E-06	1.69E-09	2.62E-05	8.01E-09	1.37E-05	5.95E-09
558265.174160362.59	558265	4160363	2.66E-06	1.21E-09	7.38E-06	5.75E-09	3.87E-06	4.26E-09
558265.174160372.59	558265	4160373	2.83E-06	1.24E-09	7.87E-06	5.90E-09	4.13E-06	4.38E-09
558265.174160382.59	558265	4160383	3.02E-06	1.28E-09	8.40E-06	6.05E-09	4.41E-06	4.49E-09
558265.174160392.59	558265	4160393	3.24E-06	1.31E-09	9.00E-06	6.22E-09	4.72E-06	4.61E-09
558265.174160402.59	558265	4160403	3.47E-06	1.35E-09	9.65E-06	6.38E-09	5.06E-06	4.74E-09
558265.174160412.59	558265	4160413	3.73E-06	1.38E-09	1.04E-05	6.56E-09	5.44E-06	4.86E-09
558265.174160422.59	558265	4160423	4.02E-06	1.42E-09	1.12E-05	6.73E-09	5.86E-06	5.00E-09
558265.174160432.59	558265	4160433	4.35E-06	1.46E-09	1.21E-05	6.92E-09	6.34E-06	5.13E-09
558265.174160442.59	558265	4160443	4.71E-06	1.50E-09	1.31E-05	7.11E-09	6.87E-06	5.28E-09
558265.174160452.59	558265	4160453	5.12E-06	1.54E-09	1.42E-05	7.31E-09	7.46E-06	5.42E-09
558265.174160462.59	558265	4160463	5.58E-06	1.58E-09	1.55E-05	7.51E-09	8.14E-06	5.57E-09
558265.174160472.59	558265	4160473	6.11E-06	1.63E-09	1.70E-05	7.73E-09	8.91E-06	5.73E-09
558265.174160482.59	558265	4160483	6.73E-06	1.68E-09	1.87E-05	7.95E-09	9.82E-06	5.90E-09
558265.174160492.59	558265	4160493	7.44E-06	1.72E-09	2.07E-05	8.18E-09	1.09E-05	6.07E-09
558265.174160502.59	558265	4160503	8.28E-06	1.77E-09	2.30E-05	8.42E-09	1.21E-05	6.25E-09
558265.174160512.59	558265	4160513	9.21E-06	1.82E-09	2.56E-05	8.64E-09	1.34E-05	6.41E-09
558265.174160522.59	558265	4160523	1.03E-05	1.87E-09	2.87E-05	8.86E-09	1.51E-05	6.57E-09
558275.174160362.59	558275	4160363	2.57E-06	1.26E-09	7.15E-06	6.00E-09	3.75E-06	4.45E-09
558275.174160372.59	558275	4160373	2.74E-06	1.30E-09	7.62E-06	6.16E-09	4.00E-06	4.57E-09
558275.174160382.59	558275	4160383	2.93E-06	1.33E-09	8.14E-06	6.33E-09	4.27E-06	4.70E-09
558275.174160392.59	558275	4160393	3.14E-06	1.37E-09	8.72E-06	6.51E-09	4.57E-06	4.83E-09
558275.174160402.59	558275	4160403	3.36E-06	1.41E-09	9.35E-06	6.69E-09	4.91E-06	4.97E-09
558275.174160412.59	558275	4160413	3.62E-06	1.45E-09	1.00E-05	6.89E-09	5.27E-06	5.11E-09
558275.174160422.59	558275	4160423	3.90E-06	1.49E-09	1.08E-05	7.08E-09	5.68E-06	5.26E-09
558275.174160432.59	558275	4160433	4.21E-06	1.54E-09	1.17E-05	7.29E-09	6.14E-06	5.41E-09
558275.174160442.59	558275	4160443	4.56E-06	1.58E-09	1.27E-05	7.51E-09	6.66E-06	5.57E-09
558275.174160452.59	558275	4160453	4.96E-06	1.63E-09	1.38E-05	7.73E-09	7.23E-06	5.74E-09
558275.174160462.59	558275	4160463	5.41E-06	1.68E-09	1.50E-05	7.97E-09	7.89E-06	5.91E-09
558275.174160472.59	558275	4160473	5.94E-06	1.73E-09	1.65E-05	8.22E-09	8.66E-06	6.10E-09
558275.174160482.59	558275	4160483	6.54E-06	1.79E-09	1.82E-05	8.48E-09	9.53E-06	6.29E-09
558275.174160492.59	558275	4160493	7.23E-06	1.84E-09	2.01E-05	8.74E-09	1.05E-05	6.49E-09
558275.174160502.59	558275	4160503	8.05E-06	1.90E-09	2.24E-05	9.03E-09	1.17E-05	6.70E-09
558275.174160512.59	558275	4160513	9.04E-06	1.97E-09	2.51E-05	9.33E-09	1.32E-05	6.92E-09
558275.174160522.59	558275	4160523	1.02E-05	2.03E-09	2.83E-05	9.61E-09	1.49E-05	7.13E-09
558275.174160532.59	558275	4160533	1.15E-05	2.08E-09	3.21E-05	9.89E-09	1.68E-05	7.34E-09
558285.174160362.59	558285	4160363	2.49E-06	1.32E-09	6.93E-06	6.26E-09	3.64E-06	4.64E-09
558285.174160372.59	558285	4160373	2.66E-06	1.36E-09	7.38E-06	6.43E-09	3.87E-06	4.77E-09
558285.174160382.59	558285	4160383	2.84E-06	1.39E-09	7.88E-06	6.61E-09	4.14E-06	4.91E-09
558285.174160392.59	558285	4160393	3.04E-06	1.44E-09	8.44E-06	6.81E-09	4.43E-06	5.05E-09
558285.174160402.59	558285	4160403	3.26E-06	1.48E-09	9.05E-06	7.01E-09	4.75E-06	5.21E-09
558285.174160412.59	558285	4160413	3.50E-06	1.52E-09	9.73E-06	7.23E-09	5.10E-06	5.36E-09
558285.174160422.59	558285	4160423	3.77E-06	1.57E-09	1.05E-05	7.45E-09	5.50E-06	5.53E-09
558285.174160432.59	558285	4160433	4.08E-06	1.62E-09	1.13E-05	7.68E-09	5.95E-06	5.70E-09
558285.174160442.59	558285	4160443	4.42E-06	1.67E-09	1.23E-05	7.92E-09	6.45E-06	5.88E-09

RESIDENTIAL CONCENTRATIONS & DOSE

			AA	AF	AI	AN	AQ	AT
			3rd Tri Dose (mg/kg-day)		0<2 Dose (mg/kg-day)		2<16 Dose (mg/kg-day)	
XY	X	Y	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558285.174160452.59	558285	4160453	4.81E-06	1.72E-09	1.34E-05	8.17E-09	7.01E-06	6.07E-09
558285.174160462.59	558285	4160463	5.26E-06	1.78E-09	1.46E-05	8.45E-09	7.66E-06	6.27E-09
558285.174160472.59	558285	4160473	5.76E-06	1.84E-09	1.60E-05	8.74E-09	8.41E-06	6.48E-09
558285.174160482.59	558285	4160483	6.35E-06	1.90E-09	1.76E-05	9.03E-09	9.25E-06	6.70E-09
558285.174160492.59	558285	4160493	7.03E-06	1.97E-09	1.95E-05	9.34E-09	1.02E-05	6.93E-09
558285.174160502.59	558285	4160503	7.85E-06	2.04E-09	2.18E-05	9.69E-09	1.14E-05	7.19E-09
558285.174160512.59	558285	4160513	8.84E-06	2.12E-09	2.45E-05	1.01E-08	1.29E-05	7.46E-09
558285.174160522.59	558285	4160523	1.00E-05	2.20E-09	2.78E-05	1.04E-08	1.46E-05	7.73E-09
558285.174160532.59	558285	4160533	1.14E-05	2.27E-09	3.16E-05	1.08E-08	1.66E-05	8.00E-09
558295.174160362.59	558295	4160363	2.41E-06	1.37E-09	6.70E-06	6.52E-09	3.52E-06	4.84E-09
558295.174160372.59	558295	4160373	2.57E-06	1.41E-09	7.14E-06	6.71E-09	3.75E-06	4.98E-09
558295.174160382.59	558295	4160383	2.74E-06	1.46E-09	7.62E-06	6.91E-09	4.00E-06	5.13E-09
558295.174160392.59	558295	4160393	2.94E-06	1.50E-09	8.16E-06	7.12E-09	4.28E-06	5.29E-09
558295.174160402.59	558295	4160403	3.15E-06	1.55E-09	8.75E-06	7.34E-09	4.59E-06	5.44E-09
558295.174160412.59	558295	4160413	3.39E-06	1.60E-09	9.41E-06	7.58E-09	4.94E-06	5.62E-09
558295.174160422.59	558295	4160423	3.65E-06	1.65E-09	1.01E-05	7.82E-09	5.32E-06	5.81E-09
558295.174160432.59	558295	4160433	3.95E-06	1.70E-09	1.10E-05	8.08E-09	5.76E-06	6.00E-09
558295.174160442.59	558295	4160443	4.28E-06	1.76E-09	1.19E-05	8.35E-09	6.24E-06	6.20E-09
558295.174160452.59	558295	4160453	4.66E-06	1.82E-09	1.30E-05	8.65E-09	6.80E-06	6.42E-09
558295.174160462.59	558295	4160463	5.10E-06	1.89E-09	1.42E-05	8.95E-09	7.44E-06	6.64E-09
558295.174160472.59	558295	4160473	5.60E-06	1.95E-09	1.56E-05	9.28E-09	8.16E-06	6.88E-09
558295.174160482.59	558295	4160483	6.18E-06	2.03E-09	1.72E-05	9.62E-09	9.01E-06	7.14E-09
558295.174160492.59	558295	4160493	6.85E-06	2.10E-09	1.90E-05	9.99E-09	9.99E-06	7.41E-09
558295.174160502.59	558295	4160503	7.66E-06	2.19E-09	2.13E-05	1.04E-08	1.12E-05	7.71E-09
558295.174160512.59	558295	4160513	8.64E-06	2.28E-09	2.40E-05	1.08E-08	1.26E-05	8.04E-09
558295.174160522.59	558295	4160523	9.82E-06	2.38E-09	2.73E-05	1.13E-08	1.43E-05	8.38E-09
558295.174160532.59	558295	4160533	1.12E-05	2.48E-09	3.12E-05	1.18E-08	1.64E-05	8.72E-09
558305.174160362.59	558305	4160363	2.33E-06	1.43E-09	6.48E-06	6.80E-09	3.40E-06	5.04E-09
558305.174160372.59	558305	4160373	2.48E-06	1.48E-09	6.90E-06	7.00E-09	3.62E-06	5.20E-09
558305.174160382.59	558305	4160383	2.65E-06	1.52E-09	7.37E-06	7.21E-09	3.87E-06	5.35E-09
558305.174160392.59	558305	4160393	2.84E-06	1.57E-09	7.88E-06	7.44E-09	4.14E-06	5.52E-09
558305.174160402.59	558305	4160403	3.04E-06	1.61E-09	8.45E-06	7.66E-09	4.44E-06	5.68E-09
558305.174160412.59	558305	4160413	3.27E-06	1.67E-09	9.09E-06	7.91E-09	4.77E-06	5.87E-09
558305.174160422.59	558305	4160423	3.53E-06	1.73E-09	9.81E-06	8.20E-09	5.15E-06	6.09E-09
558305.174160432.59	558305	4160433	3.82E-06	1.79E-09	1.06E-05	8.49E-09	5.57E-06	6.30E-09
558305.174160442.59	558305	4160443	4.15E-06	1.85E-09	1.15E-05	8.80E-09	6.05E-06	6.53E-09
558305.174160452.59	558305	4160453	4.52E-06	1.92E-09	1.26E-05	9.12E-09	6.59E-06	6.77E-09
558305.174160462.59	558305	4160463	4.95E-06	2.00E-09	1.37E-05	9.47E-09	7.21E-06	7.02E-09
558305.174160472.59	558305	4160473	5.44E-06	2.07E-09	1.51E-05	9.84E-09	7.93E-06	7.30E-09
558305.174160482.59	558305	4160483	6.01E-06	2.16E-09	1.67E-05	1.02E-08	8.77E-06	7.59E-09
558305.174160492.59	558305	4160493	6.69E-06	2.25E-09	1.86E-05	1.07E-08	9.75E-06	7.91E-09
558305.174160502.59	558305	4160503	7.49E-06	2.35E-09	2.08E-05	1.11E-08	1.09E-05	8.26E-09
558305.174160512.59	558305	4160513	8.47E-06	2.46E-09	2.35E-05	1.17E-08	1.23E-05	8.65E-09
558305.174160522.59	558305	4160523	9.65E-06	2.58E-09	2.68E-05	1.22E-08	1.41E-05	9.07E-09
558305.174160532.59	558305	4160533	1.10E-05	2.70E-09	3.07E-05	1.28E-08	1.61E-05	9.51E-09
558315.174160362.59	558315	4160363	2.25E-06	1.49E-09	6.26E-06	7.08E-09	3.29E-06	5.25E-09
558315.174160372.59	558315	4160373	2.40E-06	1.54E-09	6.67E-06	7.30E-09	3.50E-06	5.41E-09
558315.174160382.59	558315	4160383	2.56E-06	1.58E-09	7.12E-06	7.52E-09	3.73E-06	5.58E-09
558315.174160392.59	558315	4160393	2.74E-06	1.63E-09	7.61E-06	7.76E-09	3.99E-06	5.76E-09
558315.174160402.59	558315	4160403	2.94E-06	1.69E-09	8.17E-06	8.01E-09	4.28E-06	5.95E-09
558315.174160412.59	558315	4160413	3.16E-06	1.75E-09	8.78E-06	8.28E-09	4.61E-06	6.14E-09
558315.174160422.59	558315	4160423	3.41E-06	1.81E-09	9.48E-06	8.58E-09	4.97E-06	6.37E-09
558315.174160432.59	558315	4160433	3.69E-06	1.88E-09	1.03E-05	8.91E-09	5.38E-06	6.61E-09
558315.174160442.59	558315	4160443	4.01E-06	1.95E-09	1.11E-05	9.24E-09	5.85E-06	6.86E-09
558315.174160452.59	558315	4160453	4.38E-06	2.02E-09	1.22E-05	9.60E-09	6.38E-06	7.13E-09
558315.174160462.59	558315	4160463	4.80E-06	2.11E-09	1.33E-05	9.99E-09	7.00E-06	7.41E-09
558315.174160472.59	558315	4160473	5.29E-06	2.19E-09	1.47E-05	1.04E-08	7.71E-06	7.72E-09
558315.174160482.59	558315	4160483	5.86E-06	2.29E-09	1.63E-05	1.09E-08	8.54E-06	8.06E-09
558315.174160492.59	558315	4160493	6.53E-06	2.40E-09	1.82E-05	1.14E-08	9.53E-06	8.43E-09
558315.174160502.59	558315	4160503	7.34E-06	2.51E-09	2.04E-05	1.19E-08	1.07E-05	8.85E-09
558315.174160512.59	558315	4160513	8.31E-06	2.64E-09	2.31E-05	1.25E-08	1.21E-05	9.30E-09
558315.174160522.59	558315	4160523	9.48E-06	2.79E-09	2.63E-05	1.32E-08	1.38E-05	9.81E-09
558315.174160532.59	558315	4160533	1.09E-05	2.94E-09	3.02E-05	1.39E-08	1.58E-05	1.03E-08
558325.174160362.59	558325	4160363	2.18E-06	1.55E-09	6.05E-06	7.36E-09	3.17E-06	5.46E-09
558325.174160372.59	558325	4160373	2.32E-06	1.60E-09	6.44E-06	7.59E-09	3.38E-06	5.64E-09
558325.174160382.59	558325	4160383	2.47E-06	1.65E-09	6.87E-06	7.83E-09	3.61E-06	5.81E-09
558325.174160392.59	558325	4160393	2.65E-06	1.71E-09	7.35E-06	8.09E-09	3.86E-06	6.01E-09
558325.174160402.59	558325	4160403	2.84E-06	1.76E-09	7.88E-06	8.37E-09	4.14E-06	6.21E-09
558325.174160412.59	558325	4160413	3.05E-06	1.83E-09	8.48E-06	8.67E-09	4.45E-06	6.43E-09
558325.174160422.59	558325	4160423	3.30E-06	1.89E-09	9.16E-06	8.98E-09	4.81E-06	6.67E-09
558325.174160432.59	558325	4160433	3.57E-06	1.97E-09	9.92E-06	9.33E-09	5.21E-06	6.92E-09
558325.174160442.59	558325	4160443	3.88E-06	2.04E-09	1.08E-05	9.70E-09	5.66E-06	7.20E-09
558325.174160452.59	558325	4160453	4.24E-06	2.13E-09	1.18E-05	1.01E-08	6.19E-06	7.49E-09
558325.174160462.59	558325	4160463	4.66E-06	2.22E-09	1.29E-05	1.05E-08	6.79E-06	7.81E-09
558325.174160472.59	558325	4160473	5.14E-06	2.32E-09	1.43E-05	1.10E-08	7.50E-06	8.15E-09
558325.174160482.59	558325	4160483	5.71E-06	2.42E-09	1.59E-05	1.15E-08	8.33E-06	8.54E-09
558325.174160492.59	558325	4160493	6.38E-06	2.55E-09	1.77E-05	1.21E-08	9.31E-06	8.96E-09
558325.174160502.59	558325	4160503	7.19E-06	2.68E-09	2.00E-05	1.27E-08	1.05E-05	9.44E-09
558325.174160512.59	558325	4160513	8.15E-06	2.83E-09	2.26E-05	1.34E-08	1.19E-05	9.98E-09
558325.174160522.59	558325	4160523	9.30E-06	3.00E-09	2.58E-05	1.43E-08	1.36E-05	1.06E-08
558325.174160532.59	558325	4160533	1.06E-05	3.19E-09	2.96E-05	1.51E-08	1.55E-05	1.12E-08
558335.174160362.59	558335	4160363	2.10E-06	1.61E-09	5.84E-06	7.65E-09	3.07E-06	5.68E-09
558335.174160372.59	558335	4160373	2.24E-06	1.67E-09	6.22E-06	7.91E-09	3.26E-06	5.87E-09
558335.174160382.59	558335	4160383	2.39E-06	1.72E-09	6.63E-06	8.16E-09	3.48E-06	6.06E-09
558335.174160392.59	558335	4160393	2.55E-06	1.78E-09	7.10E-06	8.44E-09	3.73E-06	6.26E-09
558335.174160402.59	558335	4160403	2.74E-06	1.84E-09	7.62E-06	8.74E-09	4.00E-06	6.48E-09
558335.174160412.59	558335	4160413	2.95E-06	1.91E-09	8.20E-06	9.05E-09	4.30E-06	6.72E-09
558335.174160422.59	558335	4160423	3.19E-06	1.98E-09	8.86E-06	9.39E-09	4.65E-06	6.97E-09
558335.174160432.59	558335	4160433	3.46E-06	2.05E-09	9.60E-06	9.74E-09	5.04E-06	7.23E-09
558335.174160442.59	558335	4160443	3.76E-06	2.14E-09	1.05E-05	1.01E-08	5.49E-06	7.53E-09
558335.174160452.59	558335	4160453	4.11E-06	2.23E-09	1.14E-05	1.06E-08	6.00E-06	7.86E-09
558335.174160462.59	558335	4160463	4.52E-06	2.33E-09	1.26E-05	1.11E-08	6.59E-06	8.20E-09
558335.174160472.59	558335	4160473	5.00E-06	2.44E-09	1.39E-05	1.16E-08	7.29E-06	8.58E-09
558335.174160482.59	558335	4160483	5.57E-06	2.56E-09	1.55E-05	1.21E-08	8.11E-06	9.01E-09
558335.174160492.59	558335	4160493	6.23E-06	2.69E-09	1.73E-05	1.28E-08	9.09E-06	9.49E-09
558335.174160502.59	558335	4160503	7.03E-06	2.85E-09	1.95E-05	1.35E-08	1.03E-05	1.00E-08
558335.174160512.59	558335	4160513	7.98E-06	3.02E-09	2.22E-05	1.43E-08	1.16E-05	1.06E-08
558335.174160522.59	558335	4160523	9.10E-06	3.22E-09	2.53E-05	1.53E-08	1.33E-05	1.13E-08
558335.174160532.59	558335	4160533	1.04E-05	3.44E-09	2.89E-05	1.63E-08	1.52E-05	1.21E-08
558345.174160362.59	558345	4160363	2.03E-06	1.68E-09	5.64E-06	7.95E-09	2.96E-06	5.90E-09
558345.174160372.59	558345	4160373	2.16E-06	1.73E-09	6.01E-06	8.22E-09	3.15E-06	6.10E-09
558345.174160382.59	558345	4160383	2.31E-06	1.79E-09	6.41E-06	8.51E-09	3.36E-06	6.32E-09
558345.174160392.59	558345	4160393	2.47E-06	1.85E-09	6.86E-06	8.80E-09	3.60E-06	6.53E-09

RESIDENTIAL CONCENTRATIONS & DOSE

			AA	AF	AI	AN	AQ	AT
			3rd Tri Dose (mg/kg-day)		0<2 Dose (mg/kg-day)		2<16 Dose (mg/kg-day)	
XY	X	Y	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558345.174160402.59	558345	4160403	2.65E-06	1.92E-09	7.36E-06	9.11E-09	3.86E-06	6.76E-09
558345.174160412.59	558345	4160413	2.85E-06	1.99E-09	7.93E-06	9.44E-09	4.16E-06	7.01E-09
558345.174160422.59	558345	4160423	3.08E-06	2.07E-09	8.57E-06	9.81E-09	4.50E-06	7.28E-09
558345.174160432.59	558345	4160433	3.35E-06	2.15E-09	9.30E-06	1.02E-08	4.88E-06	7.56E-09
558345.174160442.59	558345	4160443	3.65E-06	2.23E-09	1.01E-05	1.06E-08	5.32E-06	7.85E-09
558345.174160452.59	558345	4160453	4.00E-06	2.33E-09	1.11E-05	1.11E-08	5.83E-06	8.20E-09
558345.174160462.59	558345	4160463	4.40E-06	2.44E-09	1.22E-05	1.16E-08	6.41E-06	8.59E-09
558345.174160472.59	558345	4160473	4.86E-06	2.56E-09	1.35E-05	1.21E-08	7.09E-06	9.00E-09
558345.174160482.59	558345	4160483	5.42E-06	2.69E-09	1.51E-05	1.28E-08	7.90E-06	9.46E-09
558345.174160492.59	558345	4160493	6.08E-06	2.84E-09	1.69E-05	1.35E-08	8.86E-06	9.99E-09
558345.174160502.59	558345	4160503	6.86E-06	3.01E-09	1.91E-05	1.43E-08	1.00E-05	1.06E-08
558345.174160512.59	558345	4160513	7.79E-06	3.21E-09	2.16E-05	1.52E-08	1.14E-05	1.13E-08
558345.174160522.59	558345	4160523	8.87E-06	3.43E-09	2.47E-05	1.63E-08	1.29E-05	1.21E-08
558345.174160532.59	558345	4160533	1.01E-05	3.68E-09	2.82E-05	1.75E-08	1.48E-05	1.30E-08
558355.174160362.59	558355	4160363	1.97E-06	1.74E-09	5.46E-06	8.27E-09	2.87E-06	6.13E-09
558355.174160372.59	558355	4160373	2.09E-06	1.80E-09	5.81E-06	8.55E-09	3.05E-06	6.34E-09
558355.174160382.59	558355	4160383	2.23E-06	1.87E-09	6.20E-06	8.85E-09	3.26E-06	6.57E-09
558355.174160392.59	558355	4160393	2.39E-06	1.93E-09	6.64E-06	9.18E-09	3.48E-06	6.81E-09
558355.174160402.59	558355	4160403	2.57E-06	2.00E-09	7.13E-06	9.50E-09	3.74E-06	7.05E-09
558355.174160412.59	558355	4160413	2.76E-06	2.08E-09	7.68E-06	9.85E-09	4.03E-06	7.31E-09
558355.174160422.59	558355	4160423	2.99E-06	2.16E-09	8.31E-06	1.02E-08	4.36E-06	7.60E-09
558355.174160432.59	558355	4160433	3.25E-06	2.24E-09	9.02E-06	1.06E-08	4.73E-06	7.89E-09
558355.174160442.59	558355	4160443	3.54E-06	2.33E-09	9.85E-06	1.11E-08	5.17E-06	8.21E-09
558355.174160452.59	558355	4160453	3.89E-06	2.44E-09	1.08E-05	1.16E-08	5.67E-06	8.58E-09
558355.174160462.59	558355	4160463	4.28E-06	2.55E-09	1.19E-05	1.21E-08	6.24E-06	8.99E-09
558355.174160472.59	558355	4160473	4.74E-06	2.68E-09	1.32E-05	1.27E-08	6.91E-06	9.43E-09
558355.174160482.59	558355	4160483	5.28E-06	2.82E-09	1.47E-05	1.34E-08	7.70E-06	9.91E-09
558355.174160492.59	558355	4160493	5.92E-06	2.97E-09	1.65E-05	1.41E-08	8.63E-06	1.05E-08
558355.174160502.59	558355	4160503	6.68E-06	3.16E-09	1.86E-05	1.50E-08	9.74E-06	1.11E-08
558355.174160512.59	558355	4160513	7.57E-06	3.37E-09	2.10E-05	1.60E-08	1.10E-05	1.19E-08
558355.174160522.59	558355	4160523	8.61E-06	3.62E-09	2.39E-05	1.72E-08	1.26E-05	1.27E-08
558355.174160532.59	558355	4160533	9.83E-06	3.91E-09	2.73E-05	1.86E-08	1.43E-05	1.38E-08
558365.174160362.59	558365	4160363	1.90E-06	1.81E-09	5.29E-06	8.61E-09	2.78E-06	6.39E-09
558365.174160372.59	558365	4160373	2.03E-06	1.88E-09	5.63E-06	8.91E-09	2.96E-06	6.61E-09
558365.174160382.59	558365	4160383	2.16E-06	1.94E-09	6.01E-06	9.22E-09	3.16E-06	6.84E-09
558365.174160392.59	558365	4160393	2.32E-06	2.01E-09	6.44E-06	9.56E-09	3.38E-06	7.09E-09
558365.174160402.59	558365	4160403	2.49E-06	2.09E-09	6.92E-06	9.90E-09	3.63E-06	7.35E-09
558365.174160412.59	558365	4160413	2.68E-06	2.17E-09	7.45E-06	1.03E-08	3.91E-06	7.63E-09
558365.174160422.59	558365	4160423	2.90E-06	2.25E-09	8.07E-06	1.07E-08	4.23E-06	7.92E-09
558365.174160432.59	558365	4160433	3.16E-06	2.34E-09	8.77E-06	1.11E-08	4.60E-06	8.23E-09
558365.174160442.59	558365	4160443	3.45E-06	2.43E-09	9.58E-06	1.16E-08	5.03E-06	8.57E-09
558365.174160452.59	558365	4160453	3.78E-06	2.55E-09	1.05E-05	1.21E-08	5.52E-06	8.96E-09
558365.174160462.59	558365	4160463	4.17E-06	2.67E-09	1.16E-05	1.27E-08	6.08E-06	9.39E-09
558365.174160472.59	558365	4160473	4.63E-06	2.80E-09	1.29E-05	1.33E-08	6.75E-06	9.86E-09
558365.174160482.59	558365	4160483	5.15E-06	2.95E-09	1.43E-05	1.40E-08	7.51E-06	1.04E-08
558365.174160492.59	558365	4160493	5.78E-06	3.12E-09	1.60E-05	1.48E-08	8.42E-06	1.10E-08
558365.174160502.59	558365	4160503	6.51E-06	3.31E-09	1.81E-05	1.57E-08	9.49E-06	1.17E-08
558365.174160512.59	558365	4160513	7.36E-06	3.54E-09	2.04E-05	1.68E-08	1.07E-05	1.25E-08
558365.174160522.59	558365	4160523	8.35E-06	3.80E-09	2.32E-05	1.80E-08	1.22E-05	1.34E-08
558365.174160532.59	558365	4160533	9.50E-06	4.12E-09	2.64E-05	1.96E-08	1.39E-05	1.45E-08
558375.174160362.59	558375	4160363	1.85E-06	1.89E-09	5.14E-06	8.97E-09	2.70E-06	6.66E-09
558375.174160372.59	558375	4160373	1.97E-06	1.96E-09	5.47E-06	9.30E-09	2.87E-06	6.90E-09
558375.174160382.59	558375	4160383	2.10E-06	2.03E-09	5.84E-06	9.63E-09	3.06E-06	7.15E-09
558375.174160392.59	558375	4160393	2.25E-06	2.10E-09	6.26E-06	9.95E-09	3.28E-06	7.38E-09
558375.174160402.59	558375	4160403	2.42E-06	2.18E-09	6.72E-06	1.03E-08	3.53E-06	7.67E-09
558375.174160412.59	558375	4160413	2.61E-06	2.26E-09	7.25E-06	1.07E-08	3.81E-06	7.96E-09
558375.174160422.59	558375	4160423	2.83E-06	2.35E-09	7.86E-06	1.11E-08	4.12E-06	8.26E-09
558375.174160432.59	558375	4160433	3.08E-06	2.44E-09	8.55E-06	1.16E-08	4.49E-06	8.59E-09
558375.174160442.59	558375	4160443	3.36E-06	2.54E-09	9.34E-06	1.21E-08	4.90E-06	8.95E-09
558375.174160452.59	558375	4160453	3.69E-06	2.66E-09	1.03E-05	1.26E-08	5.38E-06	9.36E-09
558375.174160462.59	558375	4160463	4.07E-06	2.78E-09	1.13E-05	1.32E-08	5.94E-06	9.80E-09
558375.174160472.59	558375	4160473	4.52E-06	2.92E-09	1.26E-05	1.39E-08	6.59E-06	1.03E-08
558375.174160482.59	558375	4160483	5.04E-06	3.08E-09	1.40E-05	1.46E-08	7.34E-06	1.08E-08
558375.174160492.59	558375	4160493	5.64E-06	3.26E-09	1.57E-05	1.55E-08	8.22E-06	1.15E-08
558375.174160502.59	558375	4160503	6.34E-06	3.46E-09	1.76E-05	1.64E-08	9.25E-06	1.22E-08
558375.174160512.59	558375	4160513	7.15E-06	3.70E-09	1.99E-05	1.76E-08	1.04E-05	1.30E-08
558375.174160522.59	558375	4160523	8.09E-06	3.99E-09	2.25E-05	1.89E-08	1.18E-05	1.40E-08
558375.174160532.59	558375	4160533	9.18E-06	4.33E-09	2.55E-05	2.06E-08	1.34E-05	1.53E-08
558385.174160362.59	558385	4160363	1.80E-06	1.97E-09	5.00E-06	9.36E-09	2.62E-06	6.95E-09
558385.174160372.59	558385	4160373	1.92E-06	2.05E-09	5.32E-06	9.72E-09	2.79E-06	7.21E-09
558385.174160382.59	558385	4160383	2.05E-06	2.12E-09	5.69E-06	1.01E-08	2.98E-06	7.47E-09
558385.174160392.59	558385	4160393	2.19E-06	2.19E-09	6.10E-06	1.04E-08	3.20E-06	7.70E-09
558385.174160402.59	558385	4160403	2.36E-06	2.27E-09	6.56E-06	1.08E-08	3.44E-06	7.99E-09
558385.174160412.59	558385	4160413	2.55E-06	2.36E-09	7.08E-06	1.12E-08	3.72E-06	8.29E-09
558385.174160422.59	558385	4160423	2.76E-06	2.45E-09	7.68E-06	1.16E-08	4.03E-06	8.62E-09
558385.174160432.59	558385	4160433	3.01E-06	2.55E-09	8.36E-06	1.21E-08	4.39E-06	8.96E-09
558385.174160442.59	558385	4160443	3.29E-06	2.66E-09	9.14E-06	1.26E-08	4.80E-06	9.35E-09
558385.174160452.59	558385	4160453	3.61E-06	2.77E-09	1.00E-05	1.32E-08	5.27E-06	9.77E-09
558385.174160462.59	558385	4160463	3.99E-06	2.90E-09	1.11E-05	1.38E-08	5.81E-06	1.02E-08
558385.174160472.59	558385	4160473	4.42E-06	3.05E-09	1.23E-05	1.45E-08	6.45E-06	1.07E-08
558385.174160482.59	558385	4160483	4.93E-06	3.21E-09	1.37E-05	1.52E-08	7.19E-06	1.13E-08
558385.174160492.59	558385	4160493	5.51E-06	3.40E-09	1.53E-05	1.61E-08	8.04E-06	1.20E-08
558385.174160502.59	558385	4160503	6.19E-06	3.62E-09	1.72E-05	1.72E-08	9.02E-06	1.27E-08
558385.174160512.59	558385	4160513	6.96E-06	3.87E-09	1.93E-05	1.84E-08	1.01E-05	1.36E-08
558385.174160522.59	558385	4160523	7.84E-06	4.17E-09	2.18E-05	1.98E-08	1.14E-05	1.47E-08
558385.174160532.59	558385	4160533	8.86E-06	4.54E-09	2.46E-05	2.15E-08	1.29E-05	1.60E-08
558395.174160362.59	558395	4160363	1.75E-06	2.06E-09	4.88E-06	9.76E-09	2.56E-06	7.24E-09
558395.174160372.59	558395	4160373	1.87E-06	2.13E-09	5.20E-06	1.01E-08	2.73E-06	7.50E-09
558395.174160382.59	558395	4160383	2.00E-06	2.20E-09	5.56E-06	1.05E-08	2.92E-06	7.76E-09
558395.174160392.59	558395	4160393	2.15E-06	2.28E-09	5.96E-06	1.08E-08	3.13E-06	8.04E-09
558395.174160402.59	558395	4160403	2.31E-06	2.37E-09	6.42E-06	1.12E-08	3.37E-06	8.33E-09
558395.174160412.59	558395	4160413	2.50E-06	2.46E-09	6.93E-06	1.16E-08	3.64E-06	8.64E-09
558395.174160422.59	558395	4160423	2.71E-06	2.55E-09	7.52E-06	1.21E-08	3.95E-06	8.98E-09
558395.174160432.59	558395	4160433	2.95E-06	2.66E-09	8.20E-06	1.26E-08	4.30E-06	9.35E-09
558395.174160442.59	558395	4160443	3.23E-06	2.77E-09	8.97E-06	1.31E-08	4.71E-06	9.75E-09
558395.174160452.59	558395	4160453	3.55E-06	2.90E-09	9.86E-06	1.37E-08	5.17E-06	1.02E-08
558395.174160462.59	558395	4160463	3.92E-06	3.03E-09	1.09E-05	1.44E-08	5.71E-06	1.07E-08
558395.174160472.59	558395	4160473	4.34E-06	3.18E-09	1.21E-05	1.51E-08	6.33E-06	1.12E-08
558395.174160482.59	558395	4160483	4.83E-06	3.35E-09	1.34E-05	1.59E-08	7.05E-06	1.18E-08
558395.174160492.59	558395	4160493	5.40E-06	3.55E-09	1.50E-05	1.68E-08	7.87E-06	1.25E-08
558395.174160502.59	558395	4160503	6.05E-06	3.78E-09	1.68E-05	1.79E-08	8.82E-06	1.33E-08
558395.174160512.59	558395	4160513	6.78E-06	4.04E-09	1.88E-05	1.92E-08	9.88E-06	1.42E-08
557513.484160678.78	557513	4160679	5.27E-07	1.56E-10	1.46E-06	7.38E-10	7.68E-07	5.48E-10

RESIDENTIAL CONCENTRATIONS & DOSE

			AA	AF	AI	AN	AQ	AT
			3rd Tri Dose (mg/kg-day)		0<2 Dose (mg/kg-day)		2<16 Dose (mg/kg-day)	
XY	X	Y	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
557513.484160688.78	557513	4160689	5.25E-07	1.56E-10	1.46E-06	7.38E-10	7.66E-07	5.48E-10
557513.484160698.78	557513	4160699	5.24E-07	1.56E-10	1.46E-06	7.39E-10	7.64E-07	5.48E-10
557513.484160708.78	557513	4160709	5.23E-07	1.56E-10	1.45E-06	7.39E-10	7.62E-07	5.49E-10
557513.484160718.78	557513	4160719	5.22E-07	1.56E-10	1.45E-06	7.40E-10	7.61E-07	5.49E-10
557513.484160728.78	557513	4160729	5.22E-07	1.56E-10	1.45E-06	7.41E-10	7.61E-07	5.50E-10
557523.484160678.78	557523	4160679	5.41E-07	1.58E-10	1.50E-06	7.49E-10	7.89E-07	5.56E-10
557523.484160688.78	557523	4160689	5.39E-07	1.58E-10	1.50E-06	7.50E-10	7.86E-07	5.56E-10
557523.484160698.78	557523	4160699	5.38E-07	1.58E-10	1.49E-06	7.50E-10	7.84E-07	5.57E-10
557523.484160708.78	557523	4160709	5.36E-07	1.58E-10	1.49E-06	7.51E-10	7.82E-07	5.57E-10
557523.484160718.78	557523	4160719	5.36E-07	1.58E-10	1.49E-06	7.51E-10	7.82E-07	5.58E-10
557523.484160728.78	557523	4160729	5.36E-07	1.59E-10	1.49E-06	7.52E-10	7.81E-07	5.58E-10
557533.484160678.78	557533	4160679	5.56E-07	1.60E-10	1.55E-06	7.61E-10	8.11E-07	5.65E-10
557533.484160688.78	557533	4160689	5.55E-07	1.61E-10	1.54E-06	7.62E-10	8.09E-07	5.65E-10
557533.484160698.78	557533	4160699	5.53E-07	1.61E-10	1.54E-06	7.62E-10	8.07E-07	5.66E-10
557533.484160708.78	557533	4160709	5.52E-07	1.61E-10	1.53E-06	7.63E-10	8.05E-07	5.66E-10
557533.484160718.78	557533	4160719	5.51E-07	1.61E-10	1.53E-06	7.64E-10	8.04E-07	5.67E-10
557533.484160728.78	557533	4160729	5.51E-07	1.61E-10	1.53E-06	7.64E-10	8.04E-07	5.67E-10
557543.484160678.78	557543	4160679	5.72E-07	1.63E-10	1.59E-06	7.74E-10	8.34E-07	5.74E-10
557543.484160688.78	557543	4160689	5.70E-07	1.63E-10	1.59E-06	7.74E-10	8.32E-07	5.74E-10
557543.484160698.78	557543	4160699	5.69E-07	1.63E-10	1.58E-06	7.74E-10	8.29E-07	5.75E-10
557543.484160708.78	557543	4160709	5.68E-07	1.63E-10	1.58E-06	7.75E-10	8.28E-07	5.75E-10
557543.484160718.78	557543	4160719	5.67E-07	1.64E-10	1.58E-06	7.76E-10	8.27E-07	5.76E-10
557543.484160728.78	557543	4160729	5.67E-07	1.64E-10	1.58E-06	7.77E-10	8.27E-07	5.76E-10
557553.484160678.78	557553	4160679	5.91E-07	1.66E-10	1.64E-06	7.88E-10	8.62E-07	5.84E-10
557553.484160688.78	557553	4160689	5.89E-07	1.66E-10	1.64E-06	7.88E-10	8.59E-07	5.85E-10
557553.484160698.78	557553	4160699	5.88E-07	1.66E-10	1.63E-06	7.88E-10	8.57E-07	5.85E-10
557553.484160708.78	557553	4160709	5.87E-07	1.66E-10	1.63E-06	7.89E-10	8.56E-07	5.86E-10
557553.484160718.78	557553	4160719	5.85E-07	1.66E-10	1.63E-06	7.90E-10	8.54E-07	5.86E-10
557553.484160728.78	557553	4160729	5.85E-07	1.67E-10	1.63E-06	7.90E-10	8.53E-07	5.86E-10
557563.484160678.78	557563	4160679	6.11E-07	1.69E-10	1.70E-06	8.02E-10	8.91E-07	5.95E-10
557563.484160688.78	557563	4160689	6.08E-07	1.69E-10	1.69E-06	8.02E-10	8.87E-07	5.95E-10
557563.484160698.78	557563	4160699	6.06E-07	1.69E-10	1.68E-06	8.02E-10	8.84E-07	5.95E-10
557563.484160708.78	557563	4160709	6.05E-07	1.69E-10	1.68E-06	8.02E-10	8.82E-07	5.95E-10
557563.484160718.78	557563	4160719	6.03E-07	1.69E-10	1.68E-06	8.03E-10	8.80E-07	5.96E-10
557563.484160728.78	557563	4160729	6.03E-07	1.69E-10	1.68E-06	8.04E-10	8.80E-07	5.96E-10
557573.484160678.78	557573	4160679	6.28E-07	1.72E-10	1.75E-06	8.15E-10	9.16E-07	6.05E-10
557573.484160688.78	557573	4160689	6.27E-07	1.72E-10	1.74E-06	8.15E-10	9.14E-07	6.05E-10
557573.484160698.78	557573	4160699	6.25E-07	1.72E-10	1.74E-06	8.16E-10	9.11E-07	6.05E-10
557573.484160708.78	557573	4160709	6.24E-07	1.72E-10	1.73E-06	8.16E-10	9.09E-07	6.06E-10
557573.484160718.78	557573	4160719	6.22E-07	1.72E-10	1.73E-06	8.17E-10	9.07E-07	6.06E-10
557573.484160728.78	557573	4160729	6.22E-07	1.72E-10	1.73E-06	8.17E-10	9.07E-07	6.07E-10
557583.484160678.78	557583	4160679	6.47E-07	1.75E-10	1.80E-06	8.28E-10	9.44E-07	6.15E-10
557583.484160688.78	557583	4160689	6.45E-07	1.75E-10	1.79E-06	8.29E-10	9.41E-07	6.15E-10
557583.484160698.78	557583	4160699	6.44E-07	1.75E-10	1.79E-06	8.29E-10	9.39E-07	6.15E-10
557583.484160708.78	557583	4160709	6.44E-07	1.75E-10	1.79E-06	8.30E-10	9.39E-07	6.16E-10
557583.484160718.78	557583	4160719	6.42E-07	1.75E-10	1.78E-06	8.31E-10	9.36E-07	6.16E-10
557583.484160728.78	557583	4160729	6.41E-07	1.75E-10	1.78E-06	8.31E-10	9.35E-07	6.17E-10
557593.484160678.78	557593	4160679	6.68E-07	1.78E-10	1.86E-06	8.43E-10	9.74E-07	6.25E-10
557593.484160688.78	557593	4160689	6.67E-07	1.78E-10	1.85E-06	8.43E-10	9.72E-07	6.26E-10
557593.484160698.78	557593	4160699	6.65E-07	1.78E-10	1.85E-06	8.44E-10	9.70E-07	6.26E-10
557593.484160708.78	557593	4160709	6.64E-07	1.78E-10	1.84E-06	8.44E-10	9.68E-07	6.27E-10
557593.484160718.78	557593	4160719	6.63E-07	1.78E-10	1.84E-06	8.45E-10	9.66E-07	6.27E-10
557593.484160728.78	557593	4160729	6.62E-07	1.78E-10	1.84E-06	8.46E-10	9.65E-07	6.28E-10
557603.484160678.78	557603	4160679	6.90E-07	1.81E-10	1.92E-06	8.58E-10	1.01E-06	6.37E-10
557603.484160688.78	557603	4160689	6.89E-07	1.81E-10	1.91E-06	8.59E-10	1.00E-06	6.37E-10
557603.484160698.78	557603	4160699	6.87E-07	1.81E-10	1.91E-06	8.59E-10	1.00E-06	6.37E-10
557603.484160708.78	557603	4160709	6.86E-07	1.81E-10	1.90E-06	8.59E-10	1.00E-06	6.38E-10
557603.484160718.78	557603	4160719	6.85E-07	1.81E-10	1.90E-06	8.60E-10	9.99E-07	6.38E-10
557613.484160678.78	557613	4160679	7.16E-07	1.84E-10	1.99E-06	8.74E-10	1.04E-06	6.49E-10
557613.484160688.78	557613	4160689	7.13E-07	1.84E-10	1.98E-06	8.75E-10	1.04E-06	6.49E-10
557613.484160698.78	557613	4160699	7.11E-07	1.84E-10	1.97E-06	8.75E-10	1.04E-06	6.49E-10
557613.484160708.78	557613	4160709	7.10E-07	1.84E-10	1.97E-06	8.75E-10	1.03E-06	6.49E-10
557623.484160688.78	557623	4160689	7.38E-07	1.88E-10	2.05E-06	8.90E-10	1.08E-06	6.61E-10
557623.484160698.78	557623	4160699	7.35E-07	1.88E-10	2.04E-06	8.90E-10	1.07E-06	6.61E-10
557623.484160708.78	557623	4160709	7.35E-07	1.88E-10	2.04E-06	8.91E-10	1.07E-06	6.61E-10
558477.664160568.94	558478	4160569	9.52E-06	1.05E-08	2.65E-05	4.99E-08	1.39E-05	3.70E-08
558477.664160578.94	558478	4160579	1.05E-05	1.22E-08	2.90E-05	5.77E-08	1.52E-05	4.28E-08
558477.664160588.94	558478	4160589	1.15E-05	1.44E-08	3.19E-05	6.82E-08	1.67E-05	5.06E-08
558477.664160598.94	558478	4160599	1.26E-05	1.75E-08	3.49E-05	8.28E-08	1.83E-05	6.15E-08
558487.664160568.94	558488	4160569	9.06E-06	1.09E-08	2.52E-05	5.19E-08	1.32E-05	3.85E-08
558487.664160578.94	558488	4160579	9.88E-06	1.25E-08	2.74E-05	5.91E-08	1.44E-05	4.39E-08
558487.664160588.94	558488	4160589	1.07E-05	1.44E-08	2.99E-05	6.84E-08	1.57E-05	5.08E-08
558487.664160598.94	558488	4160599	1.17E-05	1.72E-08	3.24E-05	8.14E-08	1.70E-05	6.04E-08
558497.664160568.94	558498	4160569	8.75E-06	1.16E-08	2.43E-05	5.49E-08	1.28E-05	4.08E-08
558497.664160578.94	558498	4160579	9.48E-06	1.30E-08	2.63E-05	6.19E-08	1.38E-05	4.59E-08
558497.664160588.94	558498	4160589	1.03E-05	1.50E-08	2.85E-05	7.12E-08	1.50E-05	5.28E-08
558497.664160598.94	558498	4160599	1.11E-05	1.77E-08	3.07E-05	8.40E-08	1.61E-05	6.23E-08
558507.664160568.94	558508	4160569	8.50E-06	1.26E-08	2.36E-05	6.00E-08	1.24E-05	4.45E-08
558507.664160578.94	558508	4160579	9.15E-06	1.41E-08	2.54E-05	6.68E-08	1.33E-05	4.95E-08
558507.664160588.94	558508	4160589	9.86E-06	1.62E-08	2.74E-05	7.69E-08	1.44E-05	5.71E-08
558507.664160598.94	558508	4160599	1.06E-05	1.91E-08	2.94E-05	9.08E-08	1.54E-05	6.74E-08
558517.664160568.94	558518	4160569	8.22E-06	1.39E-08	2.28E-05	6.58E-08	1.20E-05	4.89E-08
558517.664160578.94	558518	4160579	8.81E-06	1.54E-08	2.45E-05	7.32E-08	1.28E-05	5.43E-08
558517.664160588.94	558518	4160589	9.43E-06	1.76E-08	2.62E-05	8.35E-08	1.37E-05	6.20E-08
558517.664160598.94	558518	4160599	1.01E-05	2.09E-08	2.79E-05	9.90E-08	1.47E-05	7.35E-08
558527.664160568.94	558528	4160569	7.92E-06	1.54E-08	2.20E-05	7.31E-08	1.16E-05	5.43E-08
558527.664160578.94	558528	4160579	8.46E-06	1.72E-08	2.35E-05	8.14E-08	1.23E-05	6.04E-08
558527.664160588.94	558528	4160589	9.00E-06	1.96E-08	2.50E-05	9.28E-08	1.31E-05	6.89E-08
558527.664160598.94	558528	4160599	9.54E-06	1.81E-08	2.65E-05	8.60E-08	1.39E-05	6.38E-08
558537.664160568.94	558538	4160569	7.64E-06	1.76E-08	2.12E-05	8.35E-08	1.11E-05	6.19E-08
558537.664160578.94	558538	4160579	8.12E-06	1.96E-08	2.26E-05	9.28E-08	1.18E-05	6.89E-08
558537.664160588.94	558538	4160589	8.59E-06	1.65E-08	2.39E-05	7.82E-08	1.25E-05	5.81E-08
558537.664160598.94	558538	4160599	9.03E-06	1.84E-08	2.51E-05	8.73E-08	1.32E-05	6.47E-08
558547.664160568.94	558548	4160569	7.36E-06	2.07E-08	2.04E-05	9.80E-08	1.07E-05	7.27E-08
558547.664160578.94	558548	4160579	7.78E-06	1.63E-08	2.16E-05	7.73E-08	1.13E-05	5.74E-08
558547.664160588.94	558548	4160589	8.18E-06	1.22E-08	2.27E-05	5.81E-08	1.19E-05	4.31E-08
558557.664160568.94	558558	4160569	7.09E-06	1.16E-08	1.97E-05	5.51E-08	1.03E-05	4.09E-08
558600.644160569.24	558601	4160569	5.99E-06	1.50E-08	1.66E-05	7.11E-08	8.73E-06	5.27E-08
558600.644160579.24	558601	4160579	6.18E-06	1.53E-08	1.72E-05	7.26E-08	9.00E-06	5.38E-08
558600.644160589.24	558601	4160589	6.35E-06	1.84E-08	1.76E-05	8.72E-08	9.25E-06	6.47E-08
558600.644160599.24	558601	4160599	6.49E-06	1.67E-08	1.80E-05	7.91E-08	9.46E-06	5.87E-08
558610.644160569.24	558611	4160569	5.72E-06	1.80E-08	1.59E-05	8.55E-08	8.35E-06	6.35E-08
558610.644160579.24	558611	4160579	5.89E-06	1.67E-08	1.64E-05	7.90E-08	8.58E-06	5.87E-08

RESIDENTIAL CONCENTRATIONS & DOSE

			AA	AF	AI	AN	AQ	AT
			3rd Tri Dose (mg/kg-day)		0<2 Dose (mg/kg-day)		2<16 Dose (mg/kg-day)	
XY	X	Y	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558610.644160589.24	558611	4160589	6.03E-06	1.53E-08	1.67E-05	7.28E-08	8.79E-06	5.40E-08
558610.644160599.24	558611	4160599	6.14E-06	1.39E-08	1.71E-05	6.61E-08	8.96E-06	4.90E-08
558620.644160569.24	558621	4160569	5.48E-06	1.54E-08	1.52E-05	7.29E-08	7.98E-06	5.41E-08
558620.644160579.24	558621	4160579	5.61E-06	1.42E-08	1.56E-05	6.73E-08	8.18E-06	5.00E-08
558620.644160589.24	558621	4160589	5.73E-06	1.31E-08	1.59E-05	6.22E-08	8.36E-06	4.62E-08
558620.644160599.24	558621	4160599	5.83E-06	1.19E-08	1.62E-05	5.67E-08	8.50E-06	4.21E-08
558630.644160569.24	558631	4160569	5.24E-06	1.32E-08	1.45E-05	6.28E-08	7.63E-06	4.66E-08
558630.644160579.24	558631	4160579	5.35E-06	1.23E-08	1.49E-05	5.84E-08	7.81E-06	4.33E-08
558630.644160589.24	558631	4160589	5.45E-06	1.13E-08	1.51E-05	5.38E-08	7.94E-06	3.99E-08
558630.644160599.24	558631	4160599	5.52E-06	1.03E-08	1.53E-05	4.89E-08	8.05E-06	3.63E-08
558640.644160569.24	558641	4160569	5.00E-06	1.15E-08	1.39E-05	5.47E-08	7.30E-06	4.06E-08
558640.644160579.24	558641	4160579	5.10E-06	1.07E-08	1.42E-05	5.10E-08	7.44E-06	3.78E-08
558640.644160589.24	558641	4160589	5.17E-06	9.85E-09	1.44E-05	4.68E-08	7.55E-06	3.47E-08
558640.644160599.24	558641	4160599	5.23E-06	8.98E-09	1.45E-05	4.26E-08	7.62E-06	3.16E-08
558650.644160569.24	558651	4160569	4.78E-06	1.01E-08	1.33E-05	4.81E-08	6.97E-06	3.57E-08
558650.644160579.24	558651	4160579	4.86E-06	9.45E-09	1.35E-05	4.48E-08	7.08E-06	3.33E-08
558650.644160589.24	558651	4160589	4.92E-06	8.69E-09	1.37E-05	4.12E-08	7.17E-06	3.06E-08
558650.644160599.24	558651	4160599	4.96E-06	7.98E-09	1.38E-05	3.78E-08	7.23E-06	2.81E-08
558660.644160569.24	558661	4160569	4.57E-06	9.11E-09	1.27E-05	4.32E-08	6.66E-06	3.21E-08
558660.644160579.24	558661	4160579	4.64E-06	8.48E-09	1.29E-05	4.02E-08	6.76E-06	2.99E-08
558660.644160589.24	558661	4160589	4.68E-06	7.81E-09	1.30E-05	3.71E-08	6.82E-06	2.75E-08
558660.644160599.24	558661	4160599	4.71E-06	7.21E-09	1.31E-05	3.42E-08	6.87E-06	2.54E-08
558670.644160569.24	558671	4160569	4.37E-06	8.24E-09	1.21E-05	3.91E-08	6.37E-06	2.90E-08
558670.644160579.24	558671	4160579	4.42E-06	7.65E-09	1.23E-05	3.63E-08	6.45E-06	2.69E-08
558670.644160589.24	558671	4160589	4.46E-06	7.07E-09	1.24E-05	3.36E-08	6.50E-06	2.49E-08
558495.44160499.48	558495	4160499	4.96E-06	6.77E-09	1.38E-05	3.21E-08	7.23E-06	2.38E-08
558495.44160509.48	558495	4160509	5.40E-06	7.17E-09	1.50E-05	3.40E-08	7.88E-06	2.52E-08
558495.44160519.48	558495	4160519	5.89E-06	7.62E-09	1.64E-05	3.61E-08	8.58E-06	2.68E-08
558495.44160529.48	558495	4160529	6.42E-06	8.13E-09	1.78E-05	3.86E-08	9.36E-06	2.86E-08
558505.44160499.48	558505	4160499	4.89E-06	7.51E-09	1.36E-05	3.56E-08	7.14E-06	2.64E-08
558505.44160509.48	558505	4160509	5.33E-06	7.93E-09	1.48E-05	3.76E-08	7.77E-06	2.79E-08
558505.44160519.48	558505	4160519	5.79E-06	8.41E-09	1.61E-05	3.99E-08	8.44E-06	2.96E-08
558505.44160529.48	558505	4160529	6.29E-06	8.95E-09	1.75E-05	4.25E-08	9.18E-06	3.15E-08
558515.44160499.48	558515	4160499	4.83E-06	8.44E-09	1.34E-05	4.00E-08	7.05E-06	2.97E-08
558515.44160509.48	558515	4160509	5.25E-06	8.90E-09	1.46E-05	4.22E-08	7.65E-06	3.13E-08
558515.44160519.48	558515	4160519	5.69E-06	9.41E-09	1.58E-05	4.46E-08	8.30E-06	3.31E-08
558515.44160529.48	558515	4160529	6.17E-06	9.96E-09	1.71E-05	4.73E-08	8.99E-06	3.51E-08
558525.44160499.48	558525	4160499	4.78E-06	9.59E-09	1.33E-05	4.55E-08	6.96E-06	3.38E-08
558525.44160509.48	558525	4160509	5.17E-06	1.01E-08	1.44E-05	4.81E-08	7.54E-06	3.57E-08
558525.44160519.48	558525	4160519	5.60E-06	1.07E-08	1.56E-05	5.08E-08	8.16E-06	3.77E-08
558525.44160529.48	558525	4160529	6.05E-06	1.13E-08	1.68E-05	5.37E-08	8.82E-06	3.98E-08
558535.44160499.48	558535	4160499	4.71E-06	1.11E-08	1.31E-05	5.28E-08	6.87E-06	3.92E-08
558535.44160509.48	558535	4160509	5.09E-06	1.18E-08	1.42E-05	5.58E-08	7.43E-06	4.14E-08
558535.44160519.48	558535	4160519	5.50E-06	1.24E-08	1.53E-05	5.89E-08	8.02E-06	4.37E-08
558535.44160529.48	558535	4160529	5.93E-06	1.31E-08	1.65E-05	6.21E-08	8.65E-06	4.60E-08
558545.44160499.48	558545	4160499	4.65E-06	1.31E-08	1.29E-05	6.22E-08	6.79E-06	4.62E-08
558545.44160509.48	558545	4160509	5.02E-06	1.39E-08	1.39E-05	6.59E-08	7.31E-06	4.89E-08
558545.44160519.48	558545	4160519	5.40E-06	1.47E-08	1.50E-05	6.96E-08	7.87E-06	5.16E-08
558545.44160529.48	558545	4160529	5.81E-06	1.55E-08	1.61E-05	7.33E-08	8.47E-06	5.44E-08
558555.44160499.48	558555	4160499	4.59E-06	1.58E-08	1.27E-05	7.51E-08	6.69E-06	5.58E-08
558555.44160509.48	558555	4160509	4.93E-06	1.68E-08	1.37E-05	7.96E-08	7.19E-06	5.91E-08
558555.44160519.48	558555	4160519	5.30E-06	1.77E-08	1.47E-05	8.40E-08	7.73E-06	6.24E-08
558555.44160529.48	558555	4160529	5.68E-06	1.87E-08	1.58E-05	8.89E-08	8.28E-06	6.60E-08
558565.44160499.48	558565	4160499	4.52E-06	1.37E-08	1.26E-05	6.51E-08	6.59E-06	4.83E-08
558565.44160509.48	558565	4160509	4.85E-06	1.51E-08	1.35E-05	7.17E-08	7.07E-06	5.32E-08
558565.44160519.48	558565	4160519	5.19E-06	1.08E-08	1.44E-05	5.12E-08	7.57E-06	3.80E-08
558565.44160529.48	558565	4160529	5.54E-06	1.56E-08	1.54E-05	7.41E-08	8.08E-06	5.50E-08
558618.984160498.88	558619	4160499	4.08E-06	1.15E-08	1.13E-05	5.45E-08	5.95E-06	4.04E-08
558618.984160508.88	558619	4160509	4.31E-06	1.52E-08	1.20E-05	7.19E-08	6.28E-06	5.34E-08
558618.984160518.88	558619	4160519	4.53E-06	1.52E-08	1.26E-05	7.21E-08	6.61E-06	5.35E-08
558618.984160528.88	558619	4160529	4.76E-06	1.93E-08	1.32E-05	9.14E-08	6.93E-06	6.78E-08
558628.984160498.88	558629	4160499	4.00E-06	1.97E-08	1.11E-05	9.35E-08	5.83E-06	6.93E-08
558628.984160508.88	558629	4160509	4.20E-06	1.83E-08	1.17E-05	8.69E-08	6.13E-06	6.45E-08
558628.984160518.88	558629	4160519	4.41E-06	1.73E-08	1.23E-05	8.19E-08	6.43E-06	6.08E-08
558628.984160528.88	558629	4160529	4.61E-06	1.65E-08	1.28E-05	7.82E-08	6.72E-06	5.80E-08
558638.984160498.88	558639	4160499	3.90E-06	1.72E-08	1.08E-05	8.16E-08	5.69E-06	6.06E-08
558638.984160508.88	558639	4160509	4.10E-06	1.60E-08	1.14E-05	7.62E-08	5.97E-06	5.65E-08
558638.984160518.88	558639	4160519	4.28E-06	1.52E-08	1.19E-05	7.20E-08	6.24E-06	5.34E-08
558638.984160528.88	558639	4160529	4.46E-06	1.45E-08	1.24E-05	6.87E-08	6.51E-06	5.10E-08
558648.984160498.88	558649	4160499	3.81E-06	1.54E-08	1.06E-05	7.31E-08	5.56E-06	5.42E-08
558648.984160508.88	558649	4160509	3.99E-06	1.43E-08	1.11E-05	6.81E-08	5.81E-06	5.05E-08
558648.984160518.88	558649	4160519	4.16E-06	1.36E-08	1.15E-05	6.43E-08	6.06E-06	4.77E-08
558648.984160528.88	558649	4160529	4.32E-06	1.29E-08	1.20E-05	6.12E-08	6.29E-06	4.54E-08
558658.984160498.88	558659	4160499	3.72E-06	1.41E-08	1.03E-05	6.68E-08	5.42E-06	4.95E-08
558658.984160508.88	558659	4160509	3.88E-06	1.31E-08	1.08E-05	6.21E-08	5.65E-06	4.61E-08
558658.984160518.88	558659	4160519	4.03E-06	1.23E-08	1.12E-05	5.83E-08	5.88E-06	4.32E-08
558658.984160528.88	558659	4160529	4.17E-06	1.16E-08	1.16E-05	5.53E-08	6.08E-06	4.10E-08
558668.984160498.88	558669	4160499	3.62E-06	1.29E-08	1.01E-05	6.14E-08	5.28E-06	4.55E-08
558668.984160508.88	558669	4160509	3.77E-06	1.20E-08	1.05E-05	5.69E-08	5.49E-06	4.22E-08
558668.984160518.88	558669	4160519	3.90E-06	1.12E-08	1.08E-05	5.33E-08	5.69E-06	3.95E-08
558668.984160528.88	558669	4160529	4.03E-06	1.06E-08	1.12E-05	5.04E-08	5.88E-06	3.74E-08
558678.984160498.88	558679	4160499	3.53E-06	1.20E-08	9.80E-06	5.70E-08	5.14E-06	4.23E-08
558678.984160508.88	558679	4160509	3.66E-06	1.11E-08	1.02E-05	5.26E-08	5.33E-06	3.91E-08
558678.984160518.88	558679	4160519	3.78E-06	1.04E-08	1.05E-05	4.92E-08	5.51E-06	3.65E-08
558678.984160528.88	558679	4160529	3.89E-06	9.75E-09	1.08E-05	4.63E-08	5.68E-06	3.43E-08
558688.984160498.88	558689	4160499	3.43E-06	1.12E-08	9.53E-06	5.33E-08	5.00E-06	3.95E-08
558688.984160508.88	558689	4160509	3.55E-06	1.03E-08	9.86E-06	4.90E-08	5.17E-06	3.64E-08
558688.984160518.88	558689	4160519	3.66E-06	9.63E-09	1.02E-05	4.57E-08	5.33E-06	3.39E-08
558444.414160372.35	558444	4160372	1.73E-06	2.68E-09	4.80E-06	1.27E-08	2.52E-06	9.45E-09
558454.414160382.35	558454	4160382	1.82E-06	2.87E-09	5.05E-06	1.36E-08	2.65E-06	1.01E-08
558454.414160392.35	558454	4160392	1.96E-06	2.99E-09	5.45E-06	1.42E-08	2.86E-06	1.05E-08
558454.414160402.35	558454	4160402	2.12E-06	3.10E-09	5.89E-06	1.47E-08	3.09E-06	1.09E-08
558464.414160382.35	558464	4160382	1.81E-06	3.04E-09	5.02E-06	1.44E-08	2.64E-06	1.07E-08
558464.414160392.35	558464	4160392	1.95E-06	3.16E-09	5.42E-06	1.50E-08	2.85E-06	1.11E-08
558464.414160402.35	558464	4160402	2.12E-06	3.29E-09	5.88E-06	1.56E-08	3.09E-06	1.16E-08
558474.414160382.35	558474	4160382	1.80E-06	3.21E-09	5.01E-06	1.53E-08	2.63E-06	1.13E-08
558474.414160392.35	558474	4160392	1.94E-06	3.34E-09	5.40E-06	1.59E-08	2.84E-06	1.18E-08
558474.414160402.35	558474	4160402	2.11E-06	3.48E-09	5.85E-06	1.65E-08	3.07E-06	1.23E-08
558484.414160382.35	558484	4160382	1.80E-06	3.41E-09	5.00E-06	1.62E-08	2.62E-06	1.20E-08
558484.414160392.35	558484	4160392	1.94E-06	3.53E-09	5.38E-06	1.68E-08	2.82E-06	1.24E-08
558484.414160402.35	558484	4160402	2.09E-06	3.66E-09	5.80E-06	1.74E-08	3.04E-06	1.29E-08
558494.414160382.35	558494	4160382	1.80E-06	3.63E-09	5.00E-06	1.72E-08	2.62E-06	1.28E-08
558494.414160392.35	558494	4160392	1.93E-06	3.77E-09	5.38E-06	1.79E-08	2.82E-06	1.33E-08

RESIDENTIAL CONCENTRATIONS & DOSE

			AA	AF	AI	AN	AQ	AT
			3rd Tri Dose (mg/kg-day)		0<2 Dose (mg/kg-day)		2<16 Dose (mg/kg-day)	
XY	X	Y	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558494.414160402.35	558494	4160402	2.09E-06	3.92E-09	5.80E-06	1.86E-08	3.04E-06	1.38E-08
558504.414160382.35	558504	4160382	1.80E-06	3.88E-09	5.01E-06	1.84E-08	2.63E-06	1.37E-08
558504.414160392.35	558504	4160392	1.95E-06	4.09E-09	5.42E-06	1.94E-08	2.85E-06	1.44E-08
558504.414160402.35	558504	4160402	2.13E-06	4.33E-09	5.91E-06	2.06E-08	3.10E-06	1.53E-08
558514.414160382.35	558514	4160382	1.81E-06	4.17E-09	5.03E-06	1.98E-08	2.64E-06	1.47E-08
558514.414160392.35	558514	4160392	1.96E-06	4.40E-09	5.44E-06	2.09E-08	2.85E-06	1.55E-08
558514.414160402.35	558514	4160402	2.14E-06	4.70E-09	5.93E-06	2.23E-08	3.11E-06	1.65E-08
558524.414160392.35	558524	4160392	1.97E-06	4.75E-09	5.46E-06	2.26E-08	2.87E-06	1.67E-08
558524.414160402.35	558524	4160402	2.14E-06	5.10E-09	5.95E-06	2.42E-08	3.12E-06	1.79E-08
558581.824160392.36	558582	4160392	2.03E-06	8.14E-09	5.65E-06	3.86E-08	2.97E-06	2.87E-08
558581.824160402.36	558582	4160402	2.19E-06	9.12E-09	6.09E-06	4.33E-08	3.20E-06	3.21E-08
558581.824160412.36	558582	4160412	2.36E-06	1.03E-08	6.56E-06	4.89E-08	3.44E-06	3.63E-08
558581.824160422.36	558582	4160422	2.54E-06	1.17E-08	7.07E-06	5.56E-08	3.71E-06	4.13E-08
558591.824160392.36	558592	4160392	2.04E-06	8.85E-09	5.67E-06	4.20E-08	2.98E-06	3.12E-08
558591.824160402.36	558592	4160402	2.20E-06	1.00E-08	6.10E-06	4.76E-08	3.20E-06	3.53E-08
558591.824160412.36	558592	4160412	2.36E-06	1.15E-08	6.57E-06	5.44E-08	3.45E-06	4.04E-08
558591.824160422.36	558592	4160422	2.54E-06	1.33E-08	7.06E-06	6.30E-08	3.71E-06	4.67E-08
558601.824160382.36	558602	4160382	1.91E-06	8.49E-09	5.29E-06	4.03E-08	2.78E-06	2.99E-08
558601.824160392.36	558602	4160392	2.05E-06	9.60E-09	5.69E-06	4.55E-08	2.99E-06	3.38E-08
558601.824160402.36	558602	4160402	2.20E-06	1.10E-08	6.11E-06	5.21E-08	3.21E-06	3.87E-08
558601.824160412.36	558602	4160412	2.36E-06	1.27E-08	6.57E-06	6.04E-08	3.45E-06	4.48E-08
558601.824160422.36	558602	4160422	2.54E-06	1.49E-08	7.05E-06	7.08E-08	3.70E-06	5.25E-08
558611.824160382.36	558612	4160382	1.91E-06	9.02E-09	5.32E-06	4.28E-08	2.79E-06	3.17E-08
558611.824160392.36	558612	4160392	2.05E-06	1.03E-08	5.71E-06	4.86E-08	2.99E-06	3.61E-08
558611.824160402.36	558612	4160402	2.20E-06	1.20E-08	6.12E-06	5.68E-08	3.21E-06	4.22E-08
558611.824160412.36	558612	4160412	2.36E-06	1.40E-08	6.56E-06	6.66E-08	3.44E-06	4.94E-08
558611.824160422.36	558612	4160422	2.53E-06	1.67E-08	7.03E-06	7.94E-08	3.69E-06	5.89E-08
558621.824160382.36	558622	4160382	1.92E-06	9.63E-09	5.33E-06	4.57E-08	2.80E-06	3.39E-08
558621.824160392.36	558622	4160392	2.06E-06	1.10E-08	5.72E-06	5.23E-08	3.00E-06	3.88E-08
558621.824160402.36	558622	4160402	2.20E-06	1.30E-08	6.12E-06	6.16E-08	3.21E-06	4.57E-08
558621.824160412.36	558622	4160412	2.36E-06	1.55E-08	6.55E-06	7.36E-08	3.44E-06	5.46E-08
558621.824160422.36	558622	4160422	2.52E-06	1.28E-08	7.01E-06	6.09E-08	3.68E-06	4.52E-08
558631.824160382.36	558632	4160382	1.92E-06	1.03E-08	5.35E-06	4.88E-08	2.81E-06	3.62E-08
558631.824160392.36	558632	4160392	2.06E-06	1.18E-08	5.72E-06	5.60E-08	3.00E-06	4.16E-08
558631.824160402.36	558632	4160402	2.20E-06	1.41E-08	6.12E-06	6.67E-08	3.21E-06	4.95E-08
558641.824160382.36	558642	4160382	1.93E-06	1.09E-08	5.36E-06	5.17E-08	2.81E-06	3.84E-08
558641.824160392.36	558642	4160392	2.06E-06	1.26E-08	5.73E-06	5.98E-08	3.00E-06	4.43E-08
558641.824160402.36	558642	4160402	2.20E-06	1.52E-08	6.11E-06	7.22E-08	3.21E-06	5.35E-08
558651.824160382.36	558652	4160382	1.93E-06	1.17E-08	5.36E-06	5.56E-08	2.81E-06	4.12E-08
558651.824160392.36	558652	4160392	2.06E-06	1.36E-08	5.72E-06	6.45E-08	3.00E-06	4.79E-08
558651.824160402.36	558652	4160402	2.20E-06	1.65E-08	6.10E-06	7.84E-08	3.20E-06	5.82E-08
558661.824160382.36	558662	4160382	1.93E-06	1.26E-08	5.37E-06	5.99E-08	2.82E-06	4.44E-08
558661.824160392.36	558662	4160392	2.06E-06	1.46E-08	5.72E-06	6.95E-08	3.00E-06	5.15E-08
558661.824160402.36	558662	4160402	2.19E-06	1.79E-08	6.08E-06	8.51E-08	3.19E-06	6.31E-08
558671.824160362.36	558672	4160362	1.70E-06	1.14E-08	4.73E-06	5.41E-08	2.48E-06	4.02E-08
558671.824160372.36	558672	4160372	1.81E-06	1.23E-08	5.04E-06	5.85E-08	2.64E-06	4.34E-08
558671.824160382.36	558672	4160382	1.93E-06	1.37E-08	5.36E-06	6.50E-08	2.81E-06	4.82E-08
558671.824160392.36	558672	4160392	2.05E-06	1.58E-08	5.71E-06	7.52E-08	2.99E-06	5.58E-08
558671.824160402.36	558672	4160402	2.18E-06	1.94E-08	6.06E-06	9.21E-08	3.18E-06	6.83E-08
558681.824160362.36	558682	4160362	1.70E-06	1.27E-08	4.74E-06	6.04E-08	2.49E-06	4.48E-08
558681.824160372.36	558682	4160372	1.81E-06	1.34E-08	5.03E-06	6.36E-08	2.64E-06	4.72E-08
558681.824160382.36	558682	4160382	1.93E-06	1.49E-08	5.36E-06	7.09E-08	2.81E-06	5.26E-08
558681.824160392.36	558682	4160392	2.05E-06	1.72E-08	5.69E-06	8.17E-08	2.99E-06	6.06E-08
558681.824160402.36	558682	4160402	2.17E-06	2.08E-08	6.04E-06	9.89E-08	3.17E-06	7.34E-08
558691.824160362.36	558692	4160362	1.71E-06	1.46E-08	4.74E-06	6.94E-08	2.49E-06	5.15E-08
558691.824160372.36	558692	4160372	1.81E-06	1.55E-08	5.04E-06	7.35E-08	2.64E-06	5.45E-08
558691.824160382.36	558692	4160382	1.92E-06	1.68E-08	5.35E-06	7.99E-08	2.81E-06	5.93E-08
558691.824160392.36	558692	4160392	2.04E-06	1.91E-08	5.67E-06	9.06E-08	2.97E-06	6.73E-08
558691.824160402.36	558692	4160402	2.16E-06	2.29E-08	6.00E-06	1.09E-07	3.15E-06	8.06E-08
558701.824160362.36	558702	4160362	1.71E-06	1.72E-08	4.74E-06	8.18E-08	2.49E-06	6.07E-08
558701.824160372.36	558702	4160372	1.81E-06	1.81E-08	5.03E-06	8.60E-08	2.64E-06	6.38E-08
558701.824160382.36	558702	4160382	1.92E-06	1.95E-08	5.33E-06	9.24E-08	2.80E-06	6.86E-08
558701.824160392.36	558702	4160392	2.03E-06	2.17E-08	5.64E-06	1.03E-07	2.96E-06	7.63E-08
558701.824160402.36	558702	4160402	2.15E-06	2.54E-08	5.96E-06	1.20E-07	3.13E-06	8.93E-08
558711.824160362.36	558712	4160362	1.71E-06	2.10E-08	4.74E-06	9.97E-08	2.49E-06	7.40E-08
558711.824160372.36	558712	4160372	1.81E-06	2.18E-08	5.02E-06	1.04E-07	2.63E-06	7.69E-08
558711.824160382.36	558712	4160382	1.91E-06	1.80E-08	5.31E-06	8.54E-08	2.79E-06	6.34E-08
558711.824160392.36	558712	4160392	2.02E-06	2.52E-08	5.61E-06	1.20E-07	2.94E-06	8.87E-08
558711.824160402.36	558712	4160402	2.13E-06	1.63E-08	5.92E-06	7.71E-08	3.11E-06	5.72E-08
558721.824160362.36	558722	4160362	1.70E-06	1.25E-08	4.73E-06	5.92E-08	2.48E-06	4.39E-08
558721.824160372.36	558722	4160372	1.80E-06	1.39E-08	5.00E-06	6.62E-08	2.63E-06	4.91E-08
558721.824160382.36	558722	4160382	1.90E-06	1.99E-08	5.28E-06	9.43E-08	2.77E-06	7.00E-08
558721.824160392.36	558722	4160392	2.01E-06	1.55E-08	5.57E-06	7.37E-08	2.93E-06	5.47E-08
558721.824160402.36	558722	4160402	2.11E-06	1.66E-08	5.87E-06	7.86E-08	3.08E-06	5.83E-08
558690.094160295.24	558690	4160295	1.11E-06	1.15E-08	3.09E-06	5.46E-08	1.62E-06	4.05E-08
558690.094160305.24	558690	4160305	1.18E-06	1.17E-08	3.29E-06	5.53E-08	1.72E-06	4.10E-08
558690.094160315.24	558690	4160315	1.26E-06	1.18E-08	3.50E-06	5.61E-08	1.84E-06	4.16E-08
558690.094160325.24	558690	4160325	1.34E-06	1.20E-08	3.72E-06	5.69E-08	1.95E-06	4.22E-08
558690.094160335.24	558690	4160335	1.43E-06	1.22E-08	3.96E-06	5.81E-08	2.08E-06	4.31E-08
558700.094160295.24	558700	4160295	1.12E-06	1.39E-08	3.11E-06	6.59E-08	1.63E-06	4.89E-08
558700.094160305.24	558700	4160305	1.19E-06	1.41E-08	3.31E-06	6.69E-08	1.74E-06	4.96E-08
558700.094160315.24	558700	4160315	1.27E-06	1.42E-08	3.52E-06	6.75E-08	1.85E-06	5.01E-08
558700.094160325.24	558700	4160325	1.35E-06	1.44E-08	3.74E-06	6.82E-08	1.96E-06	5.06E-08
558700.094160335.24	558700	4160335	1.43E-06	1.46E-08	3.98E-06	6.92E-08	2.09E-06	5.14E-08
558710.094160295.24	558710	4160295	1.13E-06	1.75E-08	3.13E-06	8.28E-08	1.64E-06	6.14E-08
558710.094160305.24	558710	4160305	1.20E-06	1.76E-08	3.33E-06	8.35E-08	1.75E-06	6.20E-08
558710.094160315.24	558710	4160315	1.27E-06	1.77E-08	3.54E-06	8.41E-08	1.86E-06	6.24E-08
558710.094160325.24	558710	4160325	1.35E-06	1.79E-08	3.76E-06	8.48E-08	1.97E-06	6.30E-08
558710.094160335.24	558710	4160335	1.44E-06	1.80E-08	3.99E-06	8.55E-08	2.10E-06	6.34E-08
558720.094160295.24	558720	4160295	1.14E-06	1.53E-08	3.16E-06	7.25E-08	1.66E-06	5.38E-08
558720.094160305.24	558720	4160305	1.21E-06	1.07E-08	3.35E-06	5.09E-08	1.76E-06	3.78E-08
558720.094160315.24	558720	4160315	1.28E-06	1.55E-08	3.56E-06	7.36E-08	1.87E-06	5.46E-08
558720.094160325.24	558720	4160325	1.36E-06	1.58E-08	3.78E-06	7.51E-08	1.98E-06	5.57E-08
558612.684160297.32	558613	4160297	1.06E-06	4.91E-09	2.94E-06	2.33E-08	1.54E-06	1.73E-08
558612.684160307.32	558613	4160307	1.13E-06	5.11E-09	3.14E-06	2.43E-08	1.65E-06	1.80E-08
558612.684160317.32	558613	4160317	1.21E-06	5.35E-09	3.35E-06	2.54E-08	1.76E-06	1.88E-08
558612.684160327.32	558613	4160327	1.29E-06	5.62E-09	3.58E-06	2.67E-08	1.88E-06	1.98E-08
558612.684160337.32	558613	4160337	1.38E-06	5.95E-09	3.84E-06	2.82E-08	2.01E-06	2.10E-08
558622.684160297.32	558623	4160297	1.07E-06	5.28E-09	2.96E-06	2.50E-08	1.55E-06	1.86E-08
558622.684160307.32	558623	4160307	1.14E-06	5.48E-09	3.16E-06	2.60E-08	1.66E-06	1.93E-08
558622.684160317.32	558623	4160317	1.21E-06	5.72E-09	3.37E-06	2.71E-08	1.77E-06	2.01E-08
558622.684160327.32	558623	4160327	1.30E-06	5.99E-09	3.61E-06	2.84E-08	1.89E-06	2.11E-08
558622.684160337.32	558623	4160337	1.39E-06	6.34E-09	3.87E-06	3.01E-08	2.03E-06	2.23E-08

RESIDENTIAL CONCENTRATIONS & DOSE

			AA	AF	AI	AN	AQ	AT
			3rd Tri Dose (mg/kg-day)		0<2 Dose (mg/kg-day)		2<16 Dose (mg/kg-day)	
XY	X	Y	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558632.684160297.32	558633	4160297	1.08E-06	5.72E-09	2.99E-06	2.71E-08	1.57E-06	2.01E-08
558632.684160307.32	558633	4160307	1.15E-06	5.92E-09	3.19E-06	2.81E-08	1.67E-06	2.08E-08
558632.684160317.32	558633	4160317	1.22E-06	6.15E-09	3.40E-06	2.92E-08	1.79E-06	2.17E-08
558632.684160327.32	558633	4160327	1.31E-06	6.43E-09	3.64E-06	3.05E-08	1.91E-06	2.26E-08
558632.684160337.32	558633	4160337	1.40E-06	6.78E-09	3.89E-06	3.22E-08	2.04E-06	2.39E-08
558642.684160297.32	558643	4160297	1.09E-06	6.28E-09	3.02E-06	2.98E-08	1.58E-06	2.21E-08
558642.684160307.32	558643	4160307	1.16E-06	6.44E-09	3.21E-06	3.06E-08	1.69E-06	2.27E-08
558642.684160317.32	558643	4160317	1.23E-06	6.67E-09	3.43E-06	3.17E-08	1.80E-06	2.35E-08
558642.684160327.32	558643	4160327	1.32E-06	6.95E-09	3.66E-06	3.30E-08	1.92E-06	2.45E-08
558642.684160337.32	558643	4160337	1.41E-06	7.30E-09	3.92E-06	3.47E-08	2.06E-06	2.57E-08
558652.684160297.32	558653	4160297	1.09E-06	6.92E-09	3.04E-06	3.29E-08	1.60E-06	2.44E-08
558652.684160307.32	558653	4160307	1.17E-06	7.09E-09	3.24E-06	3.37E-08	1.70E-06	2.50E-08
558652.684160317.32	558653	4160317	1.24E-06	7.32E-09	3.46E-06	3.47E-08	1.81E-06	2.58E-08
558652.684160327.32	558653	4160327	1.33E-06	7.58E-09	3.69E-06	3.60E-08	1.94E-06	2.67E-08
558652.684160337.32	558653	4160337	1.42E-06	7.93E-09	3.95E-06	3.76E-08	2.07E-06	2.79E-08
558662.684160297.32	558663	4160297	1.11E-06	7.79E-09	3.07E-06	3.70E-08	1.61E-06	2.74E-08
558662.684160307.32	558663	4160307	1.18E-06	7.94E-09	3.27E-06	3.77E-08	1.72E-06	2.80E-08
558662.684160317.32	558663	4160317	1.25E-06	8.12E-09	3.48E-06	3.85E-08	1.83E-06	2.86E-08
558662.684160327.32	558663	4160327	1.34E-06	8.37E-09	3.71E-06	3.97E-08	1.95E-06	2.95E-08
558662.684160337.32	558663	4160337	1.43E-06	8.70E-09	3.97E-06	4.13E-08	2.08E-06	3.06E-08
558672.684160297.32	558673	4160297	1.11E-06	8.81E-09	3.09E-06	4.18E-08	1.62E-06	3.10E-08
558672.684160307.32	558673	4160307	1.19E-06	9.00E-09	3.29E-06	4.27E-08	1.73E-06	3.17E-08
558672.684160317.32	558673	4160317	1.26E-06	9.18E-09	3.51E-06	4.36E-08	1.84E-06	3.23E-08
558672.684160327.32	558673	4160327	1.35E-06	9.40E-09	3.74E-06	4.46E-08	1.96E-06	3.31E-08
558672.684160337.32	558673	4160337	1.44E-06	9.71E-09	3.99E-06	4.61E-08	2.09E-06	3.42E-08
558543.584160290.65	558544	4160291	9.95E-07	3.29E-09	2.76E-06	1.56E-08	1.45E-06	1.16E-08
558553.584160300.65	558554	4160301	1.06E-06	3.62E-09	2.94E-06	1.72E-08	1.54E-06	1.27E-08
558553.584160310.65	558554	4160311	1.13E-06	3.79E-09	3.13E-06	1.80E-08	1.64E-06	1.33E-08
558553.584160320.65	558554	4160321	1.20E-06	3.98E-09	3.34E-06	1.89E-08	1.75E-06	1.40E-08
558553.584160330.65	558554	4160331	1.28E-06	4.19E-09	3.56E-06	1.99E-08	1.87E-06	1.47E-08
558563.584160300.65	558564	4160301	1.06E-06	3.82E-09	2.95E-06	1.81E-08	1.55E-06	1.34E-08
558563.584160310.65	558564	4160311	1.13E-06	4.00E-09	3.14E-06	1.90E-08	1.65E-06	1.41E-08
558563.584160320.65	558564	4160321	1.21E-06	4.21E-09	3.35E-06	2.00E-08	1.76E-06	1.48E-08
558563.584160330.65	558564	4160331	1.29E-06	4.43E-09	3.58E-06	2.10E-08	1.88E-06	1.56E-08
558573.584160300.65	558574	4160301	1.07E-06	4.03E-09	2.96E-06	1.91E-08	1.55E-06	1.42E-08
558573.584160310.65	558574	4160311	1.14E-06	4.22E-09	3.16E-06	2.00E-08	1.66E-06	1.49E-08
558573.584160320.65	558574	4160321	1.21E-06	4.45E-09	3.37E-06	2.11E-08	1.77E-06	1.57E-08
558573.584160330.65	558574	4160331	1.30E-06	4.69E-09	3.60E-06	2.23E-08	1.89E-06	1.65E-08
558583.584160300.65	558584	4160301	1.07E-06	4.27E-09	2.98E-06	2.02E-08	1.56E-06	1.50E-08
558583.584160310.65	558584	4160311	1.14E-06	4.46E-09	3.18E-06	2.12E-08	1.67E-06	1.57E-08
558583.584160320.65	558584	4160321	1.22E-06	4.70E-09	3.39E-06	2.23E-08	1.78E-06	1.65E-08
558583.584160330.65	558584	4160331	1.31E-06	4.96E-09	3.63E-06	2.35E-08	1.90E-06	1.75E-08
558593.584160330.65	558594	4160331	1.31E-06	5.27E-09	3.65E-06	2.50E-08	1.92E-06	1.85E-08
558455.354160303.56	558455	4160304	1.13E-06	2.22E-09	3.13E-06	1.05E-08	1.64E-06	7.81E-09
558455.354160313.56	558455	4160314	1.19E-06	2.30E-09	3.30E-06	1.09E-08	1.73E-06	8.08E-09
558455.354160323.56	558455	4160324	1.26E-06	2.38E-09	3.49E-06	1.13E-08	1.83E-06	8.38E-09
558455.354160333.56	558455	4160334	1.33E-06	2.46E-09	3.70E-06	1.17E-08	1.94E-06	8.68E-09
558455.354160343.56	558455	4160344	1.42E-06	2.55E-09	3.93E-06	1.21E-08	2.06E-06	9.00E-09
558465.354160303.56	558465	4160304	1.11E-06	2.33E-09	3.09E-06	1.10E-08	1.62E-06	8.19E-09
558465.354160313.56	558465	4160314	1.17E-06	2.41E-09	3.26E-06	1.14E-08	1.71E-06	8.48E-09
558465.354160323.56	558465	4160324	1.24E-06	2.50E-09	3.45E-06	1.19E-08	1.81E-06	8.80E-09
558465.354160333.56	558465	4160334	1.32E-06	2.59E-09	3.67E-06	1.23E-08	1.92E-06	9.12E-09
558465.354160343.56	558465	4160344	1.40E-06	2.69E-09	3.90E-06	1.28E-08	2.05E-06	9.48E-09
558475.354160303.56	558475	4160304	1.10E-06	2.44E-09	3.06E-06	1.16E-08	1.61E-06	8.58E-09
558475.354160313.56	558475	4160314	1.16E-06	2.53E-09	3.23E-06	1.20E-08	1.70E-06	8.91E-09
558475.354160323.56	558475	4160324	1.23E-06	2.63E-09	3.42E-06	1.25E-08	1.80E-06	9.25E-09
558475.354160333.56	558475	4160334	1.31E-06	2.73E-09	3.64E-06	1.30E-08	1.91E-06	9.62E-09
558475.354160343.56	558475	4160344	1.39E-06	2.84E-09	3.87E-06	1.35E-08	2.03E-06	1.00E-08
558485.354160303.56	558485	4160304	1.09E-06	2.56E-09	3.03E-06	1.22E-08	1.59E-06	9.02E-09
558485.354160313.56	558485	4160314	1.15E-06	2.65E-09	3.21E-06	1.26E-08	1.68E-06	9.34E-09
558485.354160323.56	558485	4160324	1.22E-06	2.77E-09	3.40E-06	1.31E-08	1.79E-06	9.74E-09
558485.354160333.56	558485	4160334	1.30E-06	2.88E-09	3.62E-06	1.37E-08	1.90E-06	1.01E-08
558485.354160343.56	558485	4160344	1.39E-06	3.00E-09	3.86E-06	1.42E-08	2.02E-06	1.06E-08
558495.354160303.56	558495	4160304	1.08E-06	2.70E-09	3.01E-06	1.28E-08	1.58E-06	9.50E-09
558495.354160313.56	558495	4160314	1.15E-06	2.81E-09	3.19E-06	1.33E-08	1.67E-06	9.88E-09
558495.354160323.56	558495	4160324	1.22E-06	2.92E-09	3.39E-06	1.39E-08	1.78E-06	1.03E-08
558495.354160333.56	558495	4160334	1.30E-06	3.04E-09	3.60E-06	1.44E-08	1.89E-06	1.07E-08
558495.354160343.56	558495	4160344	1.38E-06	3.18E-09	3.85E-06	1.51E-08	2.02E-06	1.12E-08
558505.354160303.56	558505	4160304	1.08E-06	2.84E-09	3.00E-06	1.35E-08	1.57E-06	1.00E-08
558505.354160313.56	558505	4160314	1.14E-06	2.96E-09	3.18E-06	1.40E-08	1.67E-06	1.04E-08
558505.354160323.56	558505	4160324	1.22E-06	3.08E-09	3.38E-06	1.46E-08	1.77E-06	1.09E-08
558505.354160333.56	558505	4160334	1.29E-06	3.22E-09	3.60E-06	1.53E-08	1.89E-06	1.13E-08
558515.354160303.56	558515	4160304	1.08E-06	3.00E-09	2.99E-06	1.42E-08	1.57E-06	1.05E-08
558515.354160313.56	558515	4160314	1.14E-06	3.12E-09	3.17E-06	1.48E-08	1.66E-06	1.10E-08
558515.354160323.56	558515	4160324	1.21E-06	3.26E-09	3.37E-06	1.55E-08	1.77E-06	1.15E-08
558515.354160333.56	558515	4160334	1.29E-06	3.41E-09	3.60E-06	1.62E-08	1.89E-06	1.20E-08
558525.354160303.56	558525	4160304	1.07E-06	3.16E-09	2.98E-06	1.50E-08	1.56E-06	1.11E-08
558525.354160313.56	558525	4160314	1.14E-06	3.30E-09	3.17E-06	1.56E-08	1.66E-06	1.16E-08
558525.354160323.56	558525	4160324	1.21E-06	3.45E-09	3.37E-06	1.64E-08	1.77E-06	1.21E-08
558525.354160333.56	558525	4160334	1.30E-06	3.61E-09	3.60E-06	1.71E-08	1.89E-06	1.27E-08
558535.354160303.56	558535	4160304	1.07E-06	3.33E-09	2.98E-06	1.58E-08	1.56E-06	1.17E-08
558535.354160313.56	558535	4160314	1.14E-06	3.48E-09	3.17E-06	1.65E-08	1.66E-06	1.23E-08
558535.354160323.56	558535	4160324	1.22E-06	3.65E-09	3.38E-06	1.73E-08	1.77E-06	1.28E-08
558535.354160333.56	558535	4160334	1.30E-06	3.82E-09	3.61E-06	1.81E-08	1.89E-06	1.35E-08
558616.674160229.97	558617	4160230	7.26E-07	4.03E-09	2.02E-06	1.91E-08	1.06E-06	1.42E-08
558616.674160239.97	558617	4160240	7.66E-07	4.19E-09	2.13E-06	1.99E-08	1.12E-06	1.48E-08
558616.674160249.97	558617	4160250	8.09E-07	4.36E-09	2.25E-06	2.07E-08	1.18E-06	1.54E-08
558626.674160229.97	558627	4160230	7.30E-07	4.39E-09	2.03E-06	2.08E-08	1.06E-06	1.54E-08
558626.674160239.97	558627	4160240	7.70E-07	4.56E-09	2.14E-06	2.16E-08	1.12E-06	1.61E-08
558626.674160249.97	558627	4160250	8.14E-07	4.75E-09	2.26E-06	2.25E-08	1.19E-06	1.67E-08
558636.674160229.97	558637	4160230	7.34E-07	4.81E-09	2.04E-06	2.28E-08	1.07E-06	1.69E-08
558636.674160239.97	558637	4160240	7.75E-07	5.01E-09	2.15E-06	2.38E-08	1.13E-06	1.77E-08
558636.674160249.97	558637	4160250	8.19E-07	5.22E-09	2.28E-06	2.47E-08	1.19E-06	1.84E-08
558646.674160229.97	558647	4160230	7.38E-07	5.34E-09	2.05E-06	2.53E-08	1.08E-06	1.88E-08
558646.674160239.97	558647	4160240	7.80E-07	5.57E-09	2.17E-06	2.64E-08	1.14E-06	1.96E-08
558646.674160249.97	558647	4160250	8.25E-07	5.79E-09	2.29E-06	2.75E-08	1.20E-06	2.04E-08
558656.674160229.97	558657	4160230	7.43E-07	6.00E-09	2.07E-06	2.85E-08	1.08E-06	2.11E-08
558656.674160239.97	558657	4160240	7.86E-07	6.26E-09	2.18E-06	2.97E-08	1.15E-06	2.20E-08
558666.674160229.97	558667	4160230	7.49E-07	6.84E-09	2.08E-06	3.24E-08	1.09E-06	2.41E-08
558666.674160239.97	558667	4160240	7.92E-07	7.15E-09	2.20E-06	3.39E-08	1.16E-06	2.52E-08
558676.674160229.97	558677	4160230	7.55E-07	7.91E-09	2.10E-06	3.75E-08	1.10E-06	2.78E-08
558676.674160239.97	558677	4160240	7.99E-07	8.30E-09	2.22E-06	3.94E-08	1.17E-06	2.92E-08
558686.674160229.97	558687	4160230	7.62E-07	9.33E-09	2.12E-06	4.43E-08	1.11E-06	3.28E-08

RESIDENTIAL CONCENTRATIONS & DOSE			AA	AF	AI	AN	AQ	AT
			3rd Tri Dose (mg/kg-day)		0<2 Dose (mg/kg-day)		2<16 Dose (mg/kg-day)	
XY	X	Y	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558686.674160239.97	558687	4160240	8.06E-07	9.82E-09	2.24E-06	4.66E-08	1.18E-06	3.46E-08
558696.674160229.97	558697	4160230	7.69E-07	1.12E-08	2.14E-06	5.33E-08	1.12E-06	3.95E-08
558696.674160239.97	558697	4160240	8.13E-07	1.19E-08	2.26E-06	5.64E-08	1.19E-06	4.18E-08
558706.674160229.97	558707	4160230	7.76E-07	1.38E-08	2.16E-06	6.56E-08	1.13E-06	4.86E-08
558706.674160239.97	558707	4160240	8.21E-07	1.47E-08	2.28E-06	6.99E-08	1.20E-06	5.18E-08
558716.674160229.97	558717	4160230	7.83E-07	1.74E-08	2.18E-06	8.27E-08	1.14E-06	6.14E-08
558716.674160239.97	558717	4160240	8.28E-07	1.36E-08	2.30E-06	6.44E-08	1.21E-06	4.78E-08
558420.214160235.8	558420	4160236	8.85E-07	1.54E-09	2.46E-06	7.31E-09	1.29E-06	5.43E-09
558420.214160245.8	558420	4160246	9.21E-07	1.59E-09	2.56E-06	7.53E-09	1.34E-06	5.59E-09
558420.214160255.8	558420	4160256	9.60E-07	1.64E-09	2.67E-06	7.76E-09	1.40E-06	5.76E-09
558430.214160235.8	558430	4160236	8.66E-07	1.60E-09	2.41E-06	7.60E-09	1.26E-06	5.64E-09
558430.214160245.8	558430	4160246	9.02E-07	1.65E-09	2.51E-06	7.83E-09	1.32E-06	5.81E-09
558430.214160255.8	558430	4160256	9.40E-07	1.70E-09	2.61E-06	8.08E-09	1.37E-06	5.99E-09
558440.214160235.8	558440	4160236	8.49E-07	1.67E-09	2.36E-06	7.91E-09	1.24E-06	5.87E-09
558440.214160245.8	558440	4160246	8.84E-07	1.72E-09	2.46E-06	8.16E-09	1.29E-06	6.05E-09
558440.214160255.8	558440	4160256	9.22E-07	1.77E-09	2.56E-06	8.41E-09	1.34E-06	6.24E-09
558450.214160235.8	558450	4160236	8.33E-07	1.73E-09	2.32E-06	8.22E-09	1.22E-06	6.10E-09
558450.214160245.8	558450	4160246	8.68E-07	1.79E-09	2.41E-06	8.48E-09	1.27E-06	6.29E-09
558450.214160255.8	558450	4160256	9.06E-07	1.84E-09	2.52E-06	8.75E-09	1.32E-06	6.49E-09
558460.214160235.8	558460	4160236	8.19E-07	1.80E-09	2.28E-06	8.54E-09	1.19E-06	6.34E-09
558460.214160245.8	558460	4160246	8.54E-07	1.86E-09	2.37E-06	8.82E-09	1.24E-06	6.55E-09
558460.214160255.8	558460	4160256	8.91E-07	1.92E-09	2.48E-06	9.13E-09	1.30E-06	6.77E-09
558470.214160235.8	558470	4160236	8.06E-07	1.88E-09	2.24E-06	8.90E-09	1.18E-06	6.61E-09
558470.214160245.8	558470	4160246	8.40E-07	1.94E-09	2.34E-06	9.20E-09	1.23E-06	6.83E-09
558470.214160255.8	558470	4160256	8.78E-07	2.01E-09	2.44E-06	9.53E-09	1.28E-06	7.08E-09
558480.214160235.8	558480	4160236	7.94E-07	1.96E-09	2.21E-06	9.29E-09	1.16E-06	6.89E-09
558480.214160245.8	558480	4160246	8.29E-07	2.03E-09	2.30E-06	9.61E-09	1.21E-06	7.13E-09
558480.214160255.8	558480	4160256	8.66E-07	2.10E-09	2.41E-06	9.97E-09	1.26E-06	7.40E-09
558490.214160235.8	558490	4160236	7.83E-07	2.04E-09	2.18E-06	9.70E-09	1.14E-06	7.20E-09
558490.214160245.8	558490	4160246	8.17E-07	2.11E-09	2.27E-06	1.00E-08	1.19E-06	7.44E-09
558490.214160255.8	558490	4160256	8.55E-07	2.20E-09	2.38E-06	1.04E-08	1.25E-06	7.73E-09
558500.214160235.8	558500	4160236	7.74E-07	2.14E-09	2.15E-06	1.02E-08	1.13E-06	7.54E-09
558500.214160245.8	558500	4160246	8.09E-07	2.22E-09	2.25E-06	1.05E-08	1.18E-06	7.81E-09
558500.214160255.8	558500	4160256	8.47E-07	2.30E-09	2.35E-06	1.09E-08	1.23E-06	8.11E-09
558510.214160235.8	558510	4160236	7.66E-07	2.24E-09	2.13E-06	1.06E-08	1.12E-06	7.90E-09
558510.214160245.8	558510	4160246	8.01E-07	2.33E-09	2.23E-06	1.10E-08	1.17E-06	8.19E-09
558510.214160255.8	558510	4160256	8.39E-07	2.42E-09	2.33E-06	1.15E-08	1.22E-06	8.51E-09
558520.214160235.8	558520	4160236	7.59E-07	2.35E-09	2.11E-06	1.11E-08	1.11E-06	8.27E-09
558520.214160245.8	558520	4160246	7.95E-07	2.44E-09	2.21E-06	1.16E-08	1.16E-06	8.59E-09
558520.214160255.8	558520	4160256	8.33E-07	2.54E-09	2.31E-06	1.20E-08	1.21E-06	8.93E-09
558530.214160235.8	558530	4160236	7.54E-07	2.46E-09	2.09E-06	1.17E-08	1.10E-06	8.67E-09
558530.214160245.8	558530	4160246	7.89E-07	2.55E-09	2.19E-06	1.21E-08	1.15E-06	8.99E-09
558530.214160255.8	558530	4160256	8.28E-07	2.66E-09	2.30E-06	1.26E-08	1.21E-06	9.37E-09
558540.214160235.8	558540	4160236	7.49E-07	2.58E-09	2.08E-06	1.23E-08	1.09E-06	9.09E-09
558540.214160245.8	558540	4160246	7.85E-07	2.68E-09	2.18E-06	1.27E-08	1.15E-06	9.44E-09
558540.214160255.8	558540	4160256	8.25E-07	2.80E-09	2.29E-06	1.33E-08	1.20E-06	9.84E-09
558550.214160235.8	558550	4160236	7.46E-07	2.72E-09	2.07E-06	1.29E-08	1.09E-06	9.56E-09
558550.214160245.8	558550	4160246	7.82E-07	2.82E-09	2.17E-06	1.34E-08	1.14E-06	9.93E-09
558550.214160255.8	558550	4160256	8.23E-07	2.94E-09	2.29E-06	1.39E-08	1.20E-06	1.03E-08
558560.214160235.8	558560	4160236	7.43E-07	2.87E-09	2.07E-06	1.36E-08	1.08E-06	1.01E-08
558560.214160245.8	558560	4160246	7.81E-07	2.99E-09	2.17E-06	1.42E-08	1.14E-06	1.05E-08
558560.214160255.8	558560	4160256	8.22E-07	3.12E-09	2.28E-06	1.48E-08	1.20E-06	1.10E-08
558570.214160235.8	558570	4160236	7.42E-07	3.02E-09	2.06E-06	1.43E-08	1.08E-06	1.06E-08
558570.214160245.8	558570	4160246	7.80E-07	3.13E-09	2.17E-06	1.49E-08	1.14E-06	1.10E-08
558570.214160255.8	558570	4160256	8.22E-07	3.27E-09	2.28E-06	1.55E-08	1.20E-06	1.15E-08
558580.214160235.8	558580	4160236	7.42E-07	3.20E-09	2.06E-06	1.52E-08	1.08E-06	1.13E-08
558580.214160245.8	558580	4160246	7.81E-07	3.32E-09	2.17E-06	1.58E-08	1.14E-06	1.17E-08
558590.214160235.8	558590	4160236	7.43E-07	3.41E-09	2.06E-06	1.62E-08	1.08E-06	1.20E-08
558590.214160245.8	558590	4160246	7.82E-07	3.54E-09	2.17E-06	1.68E-08	1.14E-06	1.25E-08
558600.214160245.8	558600	4160246	7.85E-07	3.79E-09	2.18E-06	1.80E-08	1.14E-06	1.34E-08

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
557996.384160720.52	557996.4	4160720.52	WRKR_1	1.43E-02	1.95E-06
557996.384160730.52	557996.4	4160730.52	WRKR_2	1.41E-02	1.94E-06
557996.384160740.52	557996.4	4160740.52	WRKR_3	1.37E-02	1.93E-06
558006.384160710.52	558006.4	4160710.52	WRKR_4	1.63E-02	2.03E-06
558006.384160720.52	558006.4	4160720.52	WRKR_5	1.61E-02	2.02E-06
558006.384160730.52	558006.4	4160730.52	WRKR_6	1.58E-02	2.01E-06
558006.384160740.52	558006.4	4160740.52	WRKR_7	1.54E-02	2.00E-06
558016.384160710.52	558016.4	4160710.52	WRKR_8	1.86E-02	2.10E-06
558016.384160720.52	558016.4	4160720.52	WRKR_9	1.83E-02	2.09E-06
558016.384160730.52	558016.4	4160730.52	WRKR_10	1.78E-02	2.08E-06
558016.384160740.52	558016.4	4160740.52	WRKR_11	1.72E-02	2.06E-06
558026.384160710.52	558026.4	4160710.52	WRKR_12	2.12E-02	2.17E-06
558026.384160720.52	558026.4	4160720.52	WRKR_13	2.09E-02	2.16E-06
558026.384160730.52	558026.4	4160730.52	WRKR_14	2.03E-02	2.15E-06
558026.384160740.52	558026.4	4160740.52	WRKR_15	1.95E-02	2.13E-06
558277.534160581.24	558277.5	4160581.24	WRKR_16	5.61E-02	1.07E-05
558277.534160591.24	558277.5	4160591.24	WRKR_17	6.77E-02	1.10E-05
558287.534160581.24	558287.5	4160581.24	WRKR_18	5.47E-02	1.20E-05
558287.534160591.24	558287.5	4160591.24	WRKR_19	6.52E-02	1.24E-05
558297.534160581.24	558297.5	4160581.24	WRKR_20	5.28E-02	1.37E-05
558297.534160591.24	558297.5	4160591.24	WRKR_21	6.27E-02	1.43E-05
558307.534160581.24	558307.5	4160581.24	WRKR_22	5.05E-02	1.58E-05
558307.534160591.24	558307.5	4160591.24	WRKR_23	6.03E-02	1.67E-05
558317.534160581.24	558317.5	4160581.24	WRKR_24	4.85E-02	1.82E-05
558317.534160591.24	558317.5	4160591.24	WRKR_25	5.79E-02	1.96E-05
558327.534160581.24	558327.5	4160581.24	WRKR_26	4.64E-02	2.11E-05
558327.534160591.24	558327.5	4160591.24	WRKR_27	5.56E-02	2.33E-05
558337.534160581.24	558337.5	4160581.24	WRKR_28	4.40E-02	2.39E-05
558101.054160547.13	558101.1	4160547.13	WRKR_29	2.49E-02	3.10E-06
558101.054160557.13	558101.1	4160557.13	WRKR_30	2.71E-02	3.11E-06
558111.054160547.13	558111.1	4160547.13	WRKR_31	2.65E-02	3.24E-06
558111.054160557.13	558111.1	4160557.13	WRKR_32	2.90E-02	3.26E-06
558111.054160567.13	558111.1	4160567.13	WRKR_33	3.19E-02	3.27E-06
558121.054160537.13	558121.1	4160537.13	WRKR_34	2.56E-02	3.37E-06
558121.054160547.13	558121.1	4160547.13	WRKR_35	2.81E-02	3.40E-06
558121.054160557.13	558121.1	4160557.13	WRKR_36	3.09E-02	3.42E-06
558121.054160567.13	558121.1	4160567.13	WRKR_37	3.42E-02	3.43E-06
558121.054160577.13	558121.1	4160577.13	WRKR_38	3.79E-02	3.44E-06
558121.054160587.13	558121.1	4160587.13	WRKR_39	4.21E-02	3.45E-06
558131.054160527.13	558131.1	4160527.13	WRKR_40	2.44E-02	3.51E-06
558131.054160537.13	558131.1	4160537.13	WRKR_41	2.69E-02	3.54E-06
558131.054160547.13	558131.1	4160547.13	WRKR_42	2.96E-02	3.57E-06
558131.054160557.13	558131.1	4160557.13	WRKR_43	3.28E-02	3.59E-06
558131.054160567.13	558131.1	4160567.13	WRKR_44	3.65E-02	3.61E-06
558131.054160577.13	558131.1	4160577.13	WRKR_45	4.07E-02	3.62E-06
558131.054160587.13	558131.1	4160587.13	WRKR_46	4.55E-02	3.63E-06
558131.054160597.13	558131.1	4160597.13	WRKR_47	5.11E-02	3.63E-06
558141.054160527.13	558141.1	4160527.13	WRKR_48	2.54E-02	3.69E-06
558141.054160537.13	558141.1	4160537.13	WRKR_49	2.81E-02	3.72E-06
558141.054160547.13	558141.1	4160547.13	WRKR_50	3.12E-02	3.75E-06
558141.054160557.13	558141.1	4160557.13	WRKR_51	3.47E-02	3.77E-06
558141.054160567.13	558141.1	4160567.13	WRKR_52	3.88E-02	3.79E-06
558141.054160577.13	558141.1	4160577.13	WRKR_53	4.36E-02	3.81E-06
558141.054160587.13	558141.1	4160587.13	WRKR_54	4.91E-02	3.82E-06
558141.054160597.13	558141.1	4160597.13	WRKR_55	5.54E-02	3.82E-06
558141.054160607.13	558141.1	4160607.13	WRKR_56	6.26E-02	3.82E-06
558151.054160537.13	558151.1	4160537.13	WRKR_57	2.93E-02	3.91E-06
558151.054160547.13	558151.1	4160547.13	WRKR_58	3.27E-02	3.95E-06
558151.054160557.13	558151.1	4160557.13	WRKR_59	3.66E-02	3.97E-06
558151.054160567.13	558151.1	4160567.13	WRKR_60	4.13E-02	4.00E-06
558151.054160577.13	558151.1	4160577.13	WRKR_61	4.66E-02	4.02E-06
558151.054160587.13	558151.1	4160587.13	WRKR_62	5.28E-02	4.03E-06
558151.054160597.13	558151.1	4160597.13	WRKR_63	6.06E-02	4.04E-06

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
558151.054160607.13	558151.1	4160607.13	WRKR_64	6.94E-02	4.03E-06
558151.054160617.13	558151.1	4160617.13	WRKR_65	7.92E-02	4.02E-06
558161.054160547.13	558161.1	4160547.13	WRKR_66	3.44E-02	4.16E-06
558161.054160557.13	558161.1	4160557.13	WRKR_67	3.85E-02	4.20E-06
558161.054160567.13	558161.1	4160567.13	WRKR_68	4.36E-02	4.23E-06
558161.054160577.13	558161.1	4160577.13	WRKR_69	4.97E-02	4.25E-06
558161.054160587.13	558161.1	4160587.13	WRKR_70	5.68E-02	4.27E-06
558161.054160597.13	558161.1	4160597.13	WRKR_71	6.64E-02	4.27E-06
558161.054160607.13	558161.1	4160607.13	WRKR_72	7.59E-02	4.27E-06
558171.054160557.13	558171.1	4160557.13	WRKR_73	4.07E-02	4.44E-06
558171.054160567.13	558171.1	4160567.13	WRKR_74	4.59E-02	4.47E-06
558171.054160577.13	558171.1	4160577.13	WRKR_75	5.27E-02	4.50E-06
558171.054160587.13	558171.1	4160587.13	WRKR_76	6.06E-02	4.52E-06
558171.054160597.13	558171.1	4160597.13	WRKR_77	7.17E-02	4.53E-06
558181.054160567.13	558181.1	4160567.13	WRKR_78	4.86E-02	4.75E-06
558181.054160577.13	558181.1	4160577.13	WRKR_79	5.57E-02	4.78E-06
558181.054160587.13	558181.1	4160587.13	WRKR_80	6.47E-02	4.81E-06
558191.054160577.13	558191.1	4160577.13	WRKR_81	5.81E-02	5.07E-06
558368.544160582.33	558368.5	4160582.33	WRKR_82	3.88E-02	3.33E-05
558378.544160582.33	558378.5	4160582.33	WRKR_83	3.67E-02	3.51E-05
558378.544160592.33	558378.5	4160592.33	WRKR_84	4.16E-02	4.27E-05
558378.544160602.33	558378.5	4160602.33	WRKR_85	4.68E-02	5.23E-05
558378.544160612.33	558378.5	4160612.33	WRKR_86	5.46E-02	7.00E-05
558388.544160582.33	558388.5	4160582.33	WRKR_87	3.43E-02	3.68E-05
558388.544160592.33	558388.5	4160592.33	WRKR_88	3.86E-02	4.52E-05
558388.544160602.33	558388.5	4160602.33	WRKR_89	4.32E-02	5.56E-05
558388.544160612.33	558388.5	4160612.33	WRKR_90	5.02E-02	4.94E-05
558398.544160582.33	558398.5	4160582.33	WRKR_91	3.17E-02	3.88E-05
558398.544160592.33	558398.5	4160592.33	WRKR_92	3.54E-02	4.67E-05
558398.544160602.33	558398.5	4160602.33	WRKR_93	3.99E-02	5.88E-05
558398.544160612.33	558398.5	4160612.33	WRKR_94	4.59E-02	5.48E-05
558186.784160496.28	558186.8	4160496.28	WRKR_95	1.94E-02	4.51E-06
558186.784160506.28	558186.8	4160506.28	WRKR_96	2.13E-02	4.54E-06
558196.784160496.28	558196.8	4160496.28	WRKR_97	1.94E-02	4.79E-06
558196.784160506.28	558196.8	4160506.28	WRKR_98	2.13E-02	4.83E-06
558196.784160516.28	558196.8	4160516.28	WRKR_99	2.36E-02	4.87E-06
558196.784160526.28	558196.8	4160526.28	WRKR_100	2.68E-02	4.94E-06
558206.784160506.28	558206.8	4160506.28	WRKR_101	2.12E-02	5.16E-06
558206.784160516.28	558206.8	4160516.28	WRKR_102	2.37E-02	5.22E-06
558206.784160526.28	558206.8	4160526.28	WRKR_103	2.65E-02	5.27E-06
558206.784160536.28	558206.8	4160536.28	WRKR_104	3.03E-02	5.35E-06
558216.784160516.28	558216.8	4160516.28	WRKR_105	2.35E-02	5.58E-06
558216.784160526.28	558216.8	4160526.28	WRKR_106	2.63E-02	5.66E-06
558216.784160536.28	558216.8	4160536.28	WRKR_107	2.97E-02	5.73E-06
558216.784160546.28	558216.8	4160546.28	WRKR_108	3.41E-02	5.80E-06
558226.784160526.28	558226.8	4160526.28	WRKR_109	2.59E-02	6.07E-06
558226.784160536.28	558226.8	4160536.28	WRKR_110	2.94E-02	6.17E-06
558226.784160546.28	558226.8	4160546.28	WRKR_111	3.37E-02	6.26E-06
558236.784160536.28	558236.8	4160536.28	WRKR_112	2.86E-02	6.65E-06
558115.174160402.59	558115.2	4160402.59	WRKR_113	8.99E-03	2.89E-06
558115.174160412.59	558115.2	4160412.59	WRKR_114	9.59E-03	2.93E-06
558115.174160422.59	558115.2	4160422.59	WRKR_115	1.03E-02	2.95E-06
558115.174160432.59	558115.2	4160432.59	WRKR_116	1.10E-02	2.99E-06
558115.174160442.59	558115.2	4160442.59	WRKR_117	1.18E-02	3.02E-06
558125.174160392.59	558125.2	4160392.59	WRKR_118	8.51E-03	2.98E-06
558125.174160402.59	558125.2	4160402.59	WRKR_119	9.08E-03	3.02E-06
558125.174160412.59	558125.2	4160412.59	WRKR_120	9.71E-03	3.05E-06
558125.174160422.59	558125.2	4160422.59	WRKR_121	1.04E-02	3.08E-06
558125.174160432.59	558125.2	4160432.59	WRKR_122	1.12E-02	3.11E-06
558125.174160442.59	558125.2	4160442.59	WRKR_123	1.20E-02	3.15E-06
558135.174160372.59	558135.2	4160372.59	WRKR_124	7.52E-03	3.03E-06
558135.174160382.59	558135.2	4160382.59	WRKR_125	8.01E-03	3.07E-06
558135.174160392.59	558135.2	4160392.59	WRKR_126	8.55E-03	3.11E-06

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
558135.174160402.59	558135.2	4160402.59	WRKR_127	9.14E-03	3.14E-06
558135.174160412.59	558135.2	4160412.59	WRKR_128	9.79E-03	3.18E-06
558135.174160422.59	558135.2	4160422.59	WRKR_129	1.05E-02	3.22E-06
558135.174160432.59	558135.2	4160432.59	WRKR_130	1.13E-02	3.25E-06
558135.174160442.59	558135.2	4160442.59	WRKR_131	1.21E-02	3.29E-06
558145.174160372.59	558145.2	4160372.59	WRKR_132	7.52E-03	3.16E-06
558145.174160382.59	558145.2	4160382.59	WRKR_133	8.02E-03	3.20E-06
558145.174160392.59	558145.2	4160392.59	WRKR_134	8.57E-03	3.24E-06
558145.174160402.59	558145.2	4160402.59	WRKR_135	9.17E-03	3.28E-06
558145.174160412.59	558145.2	4160412.59	WRKR_136	9.83E-03	3.32E-06
558145.174160422.59	558145.2	4160422.59	WRKR_137	1.06E-02	3.36E-06
558145.174160432.59	558145.2	4160432.59	WRKR_138	1.14E-02	3.40E-06
558145.174160442.59	558145.2	4160442.59	WRKR_139	1.23E-02	3.44E-06
558155.174160372.59	558155.2	4160372.59	WRKR_140	7.49E-03	3.29E-06
558155.174160382.59	558155.2	4160382.59	WRKR_141	8.00E-03	3.34E-06
558155.174160392.59	558155.2	4160392.59	WRKR_142	8.55E-03	3.38E-06
558155.174160402.59	558155.2	4160402.59	WRKR_143	9.16E-03	3.43E-06
558155.174160412.59	558155.2	4160412.59	WRKR_144	9.84E-03	3.47E-06
558155.174160422.59	558155.2	4160422.59	WRKR_145	1.06E-02	3.52E-06
558155.174160432.59	558155.2	4160432.59	WRKR_146	1.14E-02	3.56E-06
558155.174160442.59	558155.2	4160442.59	WRKR_147	1.23E-02	3.61E-06
558165.174160362.59	558165.2	4160362.59	WRKR_148	6.97E-03	3.37E-06
558165.174160372.59	558165.2	4160372.59	WRKR_149	7.43E-03	3.43E-06
558165.174160382.59	558165.2	4160382.59	WRKR_150	7.94E-03	3.48E-06
558165.174160392.59	558165.2	4160392.59	WRKR_151	8.50E-03	3.53E-06
558165.174160402.59	558165.2	4160402.59	WRKR_152	9.12E-03	3.58E-06
558165.174160412.59	558165.2	4160412.59	WRKR_153	9.80E-03	3.63E-06
558165.174160422.59	558165.2	4160422.59	WRKR_154	1.06E-02	3.68E-06
558165.174160432.59	558165.2	4160432.59	WRKR_155	1.14E-02	3.74E-06
558175.174160362.59	558175.2	4160362.59	WRKR_156	6.90E-03	3.52E-06
558175.174160372.59	558175.2	4160372.59	WRKR_157	7.35E-03	3.58E-06
558175.174160382.59	558175.2	4160382.59	WRKR_158	7.86E-03	3.63E-06
558175.174160392.59	558175.2	4160392.59	WRKR_159	8.42E-03	3.69E-06
558175.174160402.59	558175.2	4160402.59	WRKR_160	9.04E-03	3.75E-06
558175.174160412.59	558175.2	4160412.59	WRKR_161	9.72E-03	3.80E-06
558175.174160422.59	558175.2	4160422.59	WRKR_162	1.05E-02	3.86E-06
558185.174160362.59	558185.2	4160362.59	WRKR_163	6.80E-03	3.67E-06
558185.174160372.59	558185.2	4160372.59	WRKR_164	7.25E-03	3.73E-06
558185.174160382.59	558185.2	4160382.59	WRKR_165	7.76E-03	3.79E-06
558185.174160392.59	558185.2	4160392.59	WRKR_166	8.31E-03	3.86E-06
558185.174160402.59	558185.2	4160402.59	WRKR_167	8.93E-03	3.92E-06
558185.174160412.59	558185.2	4160412.59	WRKR_168	9.60E-03	3.99E-06
558185.174160422.59	558185.2	4160422.59	WRKR_169	1.04E-02	4.05E-06
558185.174160432.59	558185.2	4160432.59	WRKR_170	1.12E-02	4.11E-06
558185.174160442.59	558185.2	4160442.59	WRKR_171	1.21E-02	4.18E-06
558195.174160362.59	558195.2	4160362.59	WRKR_172	6.69E-03	3.83E-06
558195.174160372.59	558195.2	4160372.59	WRKR_173	7.13E-03	3.90E-06
558195.174160382.59	558195.2	4160382.59	WRKR_174	7.63E-03	3.97E-06
558195.174160392.59	558195.2	4160392.59	WRKR_175	8.18E-03	4.04E-06
558195.174160402.59	558195.2	4160402.59	WRKR_176	8.79E-03	4.11E-06
558195.174160412.59	558195.2	4160412.59	WRKR_177	9.45E-03	4.18E-06
558195.174160422.59	558195.2	4160422.59	WRKR_178	1.02E-02	4.25E-06
558195.174160432.59	558195.2	4160432.59	WRKR_179	1.10E-02	4.32E-06
558195.174160442.59	558195.2	4160442.59	WRKR_180	1.19E-02	4.39E-06
558195.174160452.59	558195.2	4160452.59	WRKR_181	1.29E-02	4.45E-06
558205.174160362.59	558205.2	4160362.59	WRKR_182	6.56E-03	3.99E-06
558205.174160372.59	558205.2	4160372.59	WRKR_183	7.00E-03	4.07E-06
558205.174160382.59	558205.2	4160382.59	WRKR_184	7.49E-03	4.15E-06
558205.174160392.59	558205.2	4160392.59	WRKR_185	8.02E-03	4.23E-06
558205.174160402.59	558205.2	4160402.59	WRKR_186	8.62E-03	4.31E-06
558205.174160412.59	558205.2	4160412.59	WRKR_187	9.28E-03	4.39E-06
558205.174160422.59	558205.2	4160422.59	WRKR_188	1.00E-02	4.47E-06
558205.174160432.59	558205.2	4160432.59	WRKR_189	1.08E-02	4.55E-06

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
558205.174160442.59	558205.2	4160442.59	WRKR_190	1.17E-02	4.63E-06
558205.174160452.59	558205.2	4160452.59	WRKR_191	1.27E-02	4.70E-06
558205.174160462.59	558205.2	4160462.59	WRKR_192	1.39E-02	4.77E-06
558215.174160362.59	558215.2	4160362.59	WRKR_193	6.42E-03	4.17E-06
558215.174160372.59	558215.2	4160372.59	WRKR_194	6.85E-03	4.25E-06
558215.174160382.59	558215.2	4160382.59	WRKR_195	7.33E-03	4.34E-06
558215.174160392.59	558215.2	4160392.59	WRKR_196	7.85E-03	4.42E-06
558215.174160402.59	558215.2	4160402.59	WRKR_197	8.44E-03	4.51E-06
558215.174160412.59	558215.2	4160412.59	WRKR_198	9.08E-03	4.60E-06
558215.174160422.59	558215.2	4160422.59	WRKR_199	9.79E-03	4.69E-06
558215.174160432.59	558215.2	4160432.59	WRKR_200	1.06E-02	4.78E-06
558215.174160442.59	558215.2	4160442.59	WRKR_201	1.15E-02	4.88E-06
558215.174160452.59	558215.2	4160452.59	WRKR_202	1.25E-02	4.97E-06
558215.174160462.59	558215.2	4160462.59	WRKR_203	1.36E-02	5.05E-06
558215.174160472.59	558215.2	4160472.59	WRKR_204	1.48E-02	5.13E-06
558225.174160362.59	558225.2	4160362.59	WRKR_205	6.27E-03	4.35E-06
558225.174160372.59	558225.2	4160372.59	WRKR_206	6.69E-03	4.44E-06
558225.174160382.59	558225.2	4160382.59	WRKR_207	7.16E-03	4.54E-06
558225.174160392.59	558225.2	4160392.59	WRKR_208	7.67E-03	4.64E-06
558225.174160402.59	558225.2	4160402.59	WRKR_209	8.24E-03	4.73E-06
558225.174160412.59	558225.2	4160412.59	WRKR_210	8.86E-03	4.83E-06
558225.174160422.59	558225.2	4160422.59	WRKR_211	9.55E-03	4.93E-06
558225.174160432.59	558225.2	4160432.59	WRKR_212	1.03E-02	5.04E-06
558225.174160442.59	558225.2	4160442.59	WRKR_213	1.12E-02	5.14E-06
558225.174160452.59	558225.2	4160452.59	WRKR_214	1.22E-02	5.25E-06
558225.174160462.59	558225.2	4160462.59	WRKR_215	1.33E-02	5.35E-06
558225.174160472.59	558225.2	4160472.59	WRKR_216	1.45E-02	5.45E-06
558225.174160482.59	558225.2	4160482.59	WRKR_217	1.59E-02	5.55E-06
558235.174160362.59	558235.2	4160362.59	WRKR_218	6.12E-03	4.54E-06
558235.174160372.59	558235.2	4160372.59	WRKR_219	6.53E-03	4.64E-06
558235.174160382.59	558235.2	4160382.59	WRKR_220	6.98E-03	4.75E-06
558235.174160392.59	558235.2	4160392.59	WRKR_221	7.48E-03	4.86E-06
558235.174160402.59	558235.2	4160402.59	WRKR_222	8.03E-03	4.97E-06
558235.174160412.59	558235.2	4160412.59	WRKR_223	8.63E-03	5.07E-06
558235.174160422.59	558235.2	4160422.59	WRKR_224	9.31E-03	5.19E-06
558235.174160432.59	558235.2	4160432.59	WRKR_225	1.01E-02	5.30E-06
558235.174160442.59	558235.2	4160442.59	WRKR_226	1.09E-02	5.42E-06
558235.174160452.59	558235.2	4160452.59	WRKR_227	1.19E-02	5.54E-06
558235.174160462.59	558235.2	4160462.59	WRKR_228	1.29E-02	5.67E-06
558235.174160472.59	558235.2	4160472.59	WRKR_229	1.42E-02	5.79E-06
558235.174160482.59	558235.2	4160482.59	WRKR_230	1.55E-02	5.91E-06
558235.174160492.59	558235.2	4160492.59	WRKR_231	1.71E-02	6.02E-06
558245.174160362.59	558245.2	4160362.59	WRKR_232	5.96E-03	4.74E-06
558245.174160372.59	558245.2	4160372.59	WRKR_233	6.35E-03	4.85E-06
558245.174160382.59	558245.2	4160382.59	WRKR_234	6.79E-03	4.97E-06
558245.174160392.59	558245.2	4160392.59	WRKR_235	7.28E-03	5.09E-06
558245.174160402.59	558245.2	4160402.59	WRKR_236	7.81E-03	5.21E-06
558245.174160412.59	558245.2	4160412.59	WRKR_237	8.39E-03	5.33E-06
558245.174160422.59	558245.2	4160422.59	WRKR_238	9.05E-03	5.46E-06
558245.174160432.59	558245.2	4160432.59	WRKR_239	9.77E-03	5.59E-06
558245.174160442.59	558245.2	4160442.59	WRKR_240	1.06E-02	5.72E-06
558245.174160452.59	558245.2	4160452.59	WRKR_241	1.15E-02	5.86E-06
558245.174160462.59	558245.2	4160462.59	WRKR_242	1.26E-02	6.01E-06
558245.174160472.59	558245.2	4160472.59	WRKR_243	1.38E-02	6.15E-06
558245.174160482.59	558245.2	4160482.59	WRKR_244	1.51E-02	6.29E-06
558245.174160492.59	558245.2	4160492.59	WRKR_245	1.67E-02	6.43E-06
558245.174160502.59	558245.2	4160502.59	WRKR_246	1.84E-02	6.56E-06
558255.174160362.59	558255.2	4160362.59	WRKR_247	5.79E-03	4.94E-06
558255.174160372.59	558255.2	4160372.59	WRKR_248	6.18E-03	5.07E-06
558255.174160382.59	558255.2	4160382.59	WRKR_249	6.60E-03	5.20E-06
558255.174160392.59	558255.2	4160392.59	WRKR_250	7.07E-03	5.33E-06
558255.174160402.59	558255.2	4160402.59	WRKR_251	7.58E-03	5.46E-06
558255.174160412.59	558255.2	4160412.59	WRKR_252	8.16E-03	5.61E-06

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
558255.174160422.59	558255.2	4160422.59	WRKR_253	8.78E-03	5.75E-06
558255.174160432.59	558255.2	4160432.59	WRKR_254	9.49E-03	5.89E-06
558255.174160442.59	558255.2	4160442.59	WRKR_255	1.03E-02	6.05E-06
558255.174160452.59	558255.2	4160452.59	WRKR_256	1.12E-02	6.20E-06
558255.174160462.59	558255.2	4160462.59	WRKR_257	1.22E-02	6.36E-06
558255.174160472.59	558255.2	4160472.59	WRKR_258	1.33E-02	6.53E-06
558255.174160482.59	558255.2	4160482.59	WRKR_259	1.47E-02	6.70E-06
558255.174160492.59	558255.2	4160492.59	WRKR_260	1.62E-02	6.88E-06
558255.174160502.59	558255.2	4160502.59	WRKR_261	1.79E-02	7.04E-06
558255.174160512.59	558255.2	4160512.59	WRKR_262	1.99E-02	7.19E-06
558265.174160362.59	558265.2	4160362.59	WRKR_263	5.62E-03	5.16E-06
558265.174160372.59	558265.2	4160372.59	WRKR_264	5.99E-03	5.30E-06
558265.174160382.59	558265.2	4160382.59	WRKR_265	6.40E-03	5.44E-06
558265.174160392.59	558265.2	4160392.59	WRKR_266	6.86E-03	5.58E-06
558265.174160402.59	558265.2	4160402.59	WRKR_267	7.35E-03	5.73E-06
558265.174160412.59	558265.2	4160412.59	WRKR_268	7.91E-03	5.89E-06
558265.174160422.59	558265.2	4160422.59	WRKR_269	8.52E-03	6.05E-06
558265.174160432.59	558265.2	4160432.59	WRKR_270	9.20E-03	6.21E-06
558265.174160442.59	558265.2	4160442.59	WRKR_271	9.98E-03	6.39E-06
558265.174160452.59	558265.2	4160452.59	WRKR_272	1.08E-02	6.56E-06
558265.174160462.59	558265.2	4160462.59	WRKR_273	1.18E-02	6.74E-06
558265.174160472.59	558265.2	4160472.59	WRKR_274	1.29E-02	6.94E-06
558265.174160482.59	558265.2	4160482.59	WRKR_275	1.43E-02	7.14E-06
558265.174160492.59	558265.2	4160492.59	WRKR_276	1.58E-02	7.35E-06
558265.174160502.59	558265.2	4160502.59	WRKR_277	1.75E-02	7.56E-06
558265.174160512.59	558265.2	4160512.59	WRKR_278	1.95E-02	7.75E-06
558265.174160522.59	558265.2	4160522.59	WRKR_279	2.19E-02	7.95E-06
558275.174160362.59	558275.2	4160362.59	WRKR_280	5.45E-03	5.38E-06
558275.174160372.59	558275.2	4160372.59	WRKR_281	5.81E-03	5.53E-06
558275.174160382.59	558275.2	4160382.59	WRKR_282	6.21E-03	5.68E-06
558275.174160392.59	558275.2	4160392.59	WRKR_283	6.64E-03	5.84E-06
558275.174160402.59	558275.2	4160402.59	WRKR_284	7.12E-03	6.01E-06
558275.174160412.59	558275.2	4160412.59	WRKR_285	7.66E-03	6.18E-06
558275.174160422.59	558275.2	4160422.59	WRKR_286	8.25E-03	6.36E-06
558275.174160432.59	558275.2	4160432.59	WRKR_287	8.92E-03	6.55E-06
558275.174160442.59	558275.2	4160442.59	WRKR_288	9.67E-03	6.74E-06
558275.174160452.59	558275.2	4160452.59	WRKR_289	1.05E-02	6.94E-06
558275.174160462.59	558275.2	4160462.59	WRKR_290	1.15E-02	7.15E-06
558275.174160472.59	558275.2	4160472.59	WRKR_291	1.26E-02	7.38E-06
558275.174160482.59	558275.2	4160482.59	WRKR_292	1.38E-02	7.61E-06
558275.174160492.59	558275.2	4160492.59	WRKR_293	1.53E-02	7.85E-06
558275.174160502.59	558275.2	4160502.59	WRKR_294	1.71E-02	8.11E-06
558275.174160512.59	558275.2	4160512.59	WRKR_295	1.92E-02	8.38E-06
558275.174160522.59	558275.2	4160522.59	WRKR_296	2.16E-02	8.63E-06
558275.174160532.59	558275.2	4160532.59	WRKR_297	2.44E-02	8.88E-06
558285.174160362.59	558285.2	4160362.59	WRKR_298	5.28E-03	5.62E-06
558285.174160372.59	558285.2	4160372.59	WRKR_299	5.63E-03	5.78E-06
558285.174160382.59	558285.2	4160382.59	WRKR_300	6.01E-03	5.94E-06
558285.174160392.59	558285.2	4160392.59	WRKR_301	6.43E-03	6.12E-06
558285.174160402.59	558285.2	4160402.59	WRKR_302	6.90E-03	6.30E-06
558285.174160412.59	558285.2	4160412.59	WRKR_303	7.41E-03	6.49E-06
558285.174160422.59	558285.2	4160422.59	WRKR_304	7.99E-03	6.69E-06
558285.174160432.59	558285.2	4160432.59	WRKR_305	8.64E-03	6.90E-06
558285.174160442.59	558285.2	4160442.59	WRKR_306	9.36E-03	7.11E-06
558285.174160452.59	558285.2	4160452.59	WRKR_307	1.02E-02	7.34E-06
558285.174160462.59	558285.2	4160462.59	WRKR_308	1.11E-02	7.59E-06
558285.174160472.59	558285.2	4160472.59	WRKR_309	1.22E-02	7.84E-06
558285.174160482.59	558285.2	4160482.59	WRKR_310	1.34E-02	8.11E-06
558285.174160492.59	558285.2	4160492.59	WRKR_311	1.49E-02	8.39E-06
558285.174160502.59	558285.2	4160502.59	WRKR_312	1.66E-02	8.70E-06
558285.174160512.59	558285.2	4160512.59	WRKR_313	1.87E-02	9.03E-06
558285.174160522.59	558285.2	4160522.59	WRKR_314	2.12E-02	9.36E-06
558285.174160532.59	558285.2	4160532.59	WRKR_315	2.41E-02	9.68E-06

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
558295.174160362.59	558295.2	4160362.59	WRKR_316	5.11E-03	5.86E-06
558295.174160372.59	558295.2	4160372.59	WRKR_317	5.44E-03	6.03E-06
558295.174160382.59	558295.2	4160382.59	WRKR_318	5.81E-03	6.21E-06
558295.174160392.59	558295.2	4160392.59	WRKR_319	6.22E-03	6.40E-06
558295.174160402.59	558295.2	4160402.59	WRKR_320	6.67E-03	6.59E-06
558295.174160412.59	558295.2	4160412.59	WRKR_321	7.17E-03	6.80E-06
558295.174160422.59	558295.2	4160422.59	WRKR_322	7.73E-03	7.03E-06
558295.174160432.59	558295.2	4160432.59	WRKR_323	8.36E-03	7.26E-06
558295.174160442.59	558295.2	4160442.59	WRKR_324	9.07E-03	7.50E-06
558295.174160452.59	558295.2	4160452.59	WRKR_325	9.88E-03	7.76E-06
558295.174160462.59	558295.2	4160462.59	WRKR_326	1.08E-02	8.04E-06
558295.174160472.59	558295.2	4160472.59	WRKR_327	1.19E-02	8.33E-06
558295.174160482.59	558295.2	4160482.59	WRKR_328	1.31E-02	8.64E-06
558295.174160492.59	558295.2	4160492.59	WRKR_329	1.45E-02	8.97E-06
558295.174160502.59	558295.2	4160502.59	WRKR_330	1.62E-02	9.32E-06
558295.174160512.59	558295.2	4160512.59	WRKR_331	1.83E-02	9.72E-06
558295.174160522.59	558295.2	4160522.59	WRKR_332	2.08E-02	1.01E-05
558295.174160532.59	558295.2	4160532.59	WRKR_333	2.37E-02	1.06E-05
558305.174160362.59	558305.2	4160362.59	WRKR_334	4.94E-03	6.10E-06
558305.174160372.59	558305.2	4160372.59	WRKR_335	5.26E-03	6.29E-06
558305.174160382.59	558305.2	4160382.59	WRKR_336	5.61E-03	6.48E-06
558305.174160392.59	558305.2	4160392.59	WRKR_337	6.01E-03	6.68E-06
558305.174160402.59	558305.2	4160402.59	WRKR_338	6.44E-03	6.88E-06
558305.174160412.59	558305.2	4160412.59	WRKR_339	6.93E-03	7.11E-06
558305.174160422.59	558305.2	4160422.59	WRKR_340	7.47E-03	7.37E-06
558305.174160432.59	558305.2	4160432.59	WRKR_341	8.08E-03	7.63E-06
558305.174160442.59	558305.2	4160442.59	WRKR_342	8.78E-03	7.90E-06
558305.174160452.59	558305.2	4160452.59	WRKR_343	9.57E-03	8.19E-06
558305.174160462.59	558305.2	4160462.59	WRKR_344	1.05E-02	8.50E-06
558305.174160472.59	558305.2	4160472.59	WRKR_345	1.15E-02	8.83E-06
558305.174160482.59	558305.2	4160482.59	WRKR_346	1.27E-02	9.19E-06
558305.174160492.59	558305.2	4160492.59	WRKR_347	1.42E-02	9.58E-06
558305.174160502.59	558305.2	4160502.59	WRKR_348	1.59E-02	1.00E-05
558305.174160512.59	558305.2	4160512.59	WRKR_349	1.79E-02	1.05E-05
558305.174160522.59	558305.2	4160522.59	WRKR_350	2.04E-02	1.10E-05
558305.174160532.59	558305.2	4160532.59	WRKR_351	2.34E-02	1.15E-05
558315.174160362.59	558315.2	4160362.59	WRKR_352	4.77E-03	6.35E-06
558315.174160372.59	558315.2	4160372.59	WRKR_353	5.08E-03	6.55E-06
558315.174160382.59	558315.2	4160382.59	WRKR_354	5.42E-03	6.75E-06
558315.174160392.59	558315.2	4160392.59	WRKR_355	5.80E-03	6.96E-06
558315.174160402.59	558315.2	4160402.59	WRKR_356	6.22E-03	7.20E-06
558315.174160412.59	558315.2	4160412.59	WRKR_357	6.69E-03	7.43E-06
558315.174160422.59	558315.2	4160422.59	WRKR_358	7.22E-03	7.70E-06
558315.174160432.59	558315.2	4160432.59	WRKR_359	7.82E-03	8.00E-06
558315.174160442.59	558315.2	4160442.59	WRKR_360	8.50E-03	8.30E-06
558315.174160452.59	558315.2	4160452.59	WRKR_361	9.27E-03	8.62E-06
558315.174160462.59	558315.2	4160462.59	WRKR_362	1.02E-02	8.97E-06
558315.174160472.59	558315.2	4160472.59	WRKR_363	1.12E-02	9.35E-06
558315.174160482.59	558315.2	4160482.59	WRKR_364	1.24E-02	9.75E-06
558315.174160492.59	558315.2	4160492.59	WRKR_365	1.38E-02	1.02E-05
558315.174160502.59	558315.2	4160502.59	WRKR_366	1.55E-02	1.07E-05
558315.174160512.59	558315.2	4160512.59	WRKR_367	1.76E-02	1.13E-05
558315.174160522.59	558315.2	4160522.59	WRKR_368	2.01E-02	1.19E-05
558315.174160532.59	558315.2	4160532.59	WRKR_369	2.30E-02	1.25E-05
558325.174160362.59	558325.2	4160362.59	WRKR_370	4.61E-03	6.61E-06
558325.174160372.59	558325.2	4160372.59	WRKR_371	4.91E-03	6.82E-06
558325.174160382.59	558325.2	4160382.59	WRKR_372	5.24E-03	7.03E-06
558325.174160392.59	558325.2	4160392.59	WRKR_373	5.60E-03	7.27E-06
558325.174160402.59	558325.2	4160402.59	WRKR_374	6.01E-03	7.52E-06
558325.174160412.59	558325.2	4160412.59	WRKR_375	6.47E-03	7.78E-06
558325.174160422.59	558325.2	4160422.59	WRKR_376	6.98E-03	8.07E-06
558325.174160432.59	558325.2	4160432.59	WRKR_377	7.56E-03	8.37E-06
558325.174160442.59	558325.2	4160442.59	WRKR_378	8.23E-03	8.71E-06

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
558325.174160452.59	558325.2	4160452.59	WRKR_379	8.98E-03	9.06E-06
558325.174160462.59	558325.2	4160462.59	WRKR_380	9.87E-03	9.45E-06
558325.174160472.59	558325.2	4160472.59	WRKR_381	1.09E-02	9.87E-06
558325.174160482.59	558325.2	4160482.59	WRKR_382	1.21E-02	1.03E-05
558325.174160492.59	558325.2	4160492.59	WRKR_383	1.35E-02	1.08E-05
558325.174160502.59	558325.2	4160502.59	WRKR_384	1.52E-02	1.14E-05
558325.174160512.59	558325.2	4160512.59	WRKR_385	1.73E-02	1.21E-05
558325.174160522.59	558325.2	4160522.59	WRKR_386	1.97E-02	1.28E-05
558325.174160532.59	558325.2	4160532.59	WRKR_387	2.25E-02	1.36E-05
558335.174160362.59	558335.2	4160362.59	WRKR_388	4.45E-03	6.87E-06
558335.174160372.59	558335.2	4160372.59	WRKR_389	4.74E-03	7.10E-06
558335.174160382.59	558335.2	4160382.59	WRKR_390	5.06E-03	7.33E-06
558335.174160392.59	558335.2	4160392.59	WRKR_391	5.41E-03	7.58E-06
558335.174160402.59	558335.2	4160402.59	WRKR_392	5.80E-03	7.85E-06
558335.174160412.59	558335.2	4160412.59	WRKR_393	6.25E-03	8.13E-06
558335.174160422.59	558335.2	4160422.59	WRKR_394	6.75E-03	8.43E-06
558335.174160432.59	558335.2	4160432.59	WRKR_395	7.32E-03	8.75E-06
558335.174160442.59	558335.2	4160442.59	WRKR_396	7.97E-03	9.11E-06
558335.174160452.59	558335.2	4160452.59	WRKR_397	8.71E-03	9.50E-06
558335.174160462.59	558335.2	4160462.59	WRKR_398	9.58E-03	9.92E-06
558335.174160472.59	558335.2	4160472.59	WRKR_399	1.06E-02	1.04E-05
558335.174160482.59	558335.2	4160482.59	WRKR_400	1.18E-02	1.09E-05
558335.174160492.59	558335.2	4160492.59	WRKR_401	1.32E-02	1.15E-05
558335.174160502.59	558335.2	4160502.59	WRKR_402	1.49E-02	1.21E-05
558335.174160512.59	558335.2	4160512.59	WRKR_403	1.69E-02	1.29E-05
558335.174160522.59	558335.2	4160522.59	WRKR_404	1.93E-02	1.37E-05
558335.174160532.59	558335.2	4160532.59	WRKR_405	2.20E-02	1.47E-05
558345.174160362.59	558345.2	4160362.59	WRKR_406	4.30E-03	7.14E-06
558345.174160372.59	558345.2	4160372.59	WRKR_407	4.58E-03	7.39E-06
558345.174160382.59	558345.2	4160382.59	WRKR_408	4.89E-03	7.65E-06
558345.174160392.59	558345.2	4160392.59	WRKR_409	5.23E-03	7.90E-06
558345.174160402.59	558345.2	4160402.59	WRKR_410	5.61E-03	8.18E-06
558345.174160412.59	558345.2	4160412.59	WRKR_411	6.04E-03	8.48E-06
558345.174160422.59	558345.2	4160422.59	WRKR_412	6.53E-03	8.81E-06
558345.174160432.59	558345.2	4160432.59	WRKR_413	7.09E-03	9.15E-06
558345.174160442.59	558345.2	4160442.59	WRKR_414	7.73E-03	9.49E-06
558345.174160452.59	558345.2	4160452.59	WRKR_415	8.47E-03	9.93E-06
558345.174160462.59	558345.2	4160462.59	WRKR_416	9.31E-03	1.04E-05
558345.174160472.59	558345.2	4160472.59	WRKR_417	1.03E-02	1.09E-05
558345.174160482.59	558345.2	4160482.59	WRKR_418	1.15E-02	1.15E-05
558345.174160492.59	558345.2	4160492.59	WRKR_419	1.29E-02	1.21E-05
558345.174160502.59	558345.2	4160502.59	WRKR_420	1.45E-02	1.28E-05
558345.174160512.59	558345.2	4160512.59	WRKR_421	1.65E-02	1.37E-05
558345.174160522.59	558345.2	4160522.59	WRKR_422	1.88E-02	1.46E-05
558345.174160532.59	558345.2	4160532.59	WRKR_423	2.15E-02	1.57E-05
558355.174160362.59	558355.2	4160362.59	WRKR_424	4.16E-03	7.42E-06
558355.174160372.59	558355.2	4160372.59	WRKR_425	4.43E-03	7.68E-06
558355.174160382.59	558355.2	4160382.59	WRKR_426	4.73E-03	7.95E-06
558355.174160392.59	558355.2	4160392.59	WRKR_427	5.06E-03	8.24E-06
558355.174160402.59	558355.2	4160402.59	WRKR_428	5.43E-03	8.53E-06
558355.174160412.59	558355.2	4160412.59	WRKR_429	5.85E-03	8.85E-06
558355.174160422.59	558355.2	4160422.59	WRKR_430	6.33E-03	9.19E-06
558355.174160432.59	558355.2	4160432.59	WRKR_431	6.88E-03	9.55E-06
558355.174160442.59	558355.2	4160442.59	WRKR_432	7.50E-03	9.94E-06
558355.174160452.59	558355.2	4160452.59	WRKR_433	8.23E-03	1.04E-05
558355.174160462.59	558355.2	4160462.59	WRKR_434	9.07E-03	1.09E-05
558355.174160472.59	558355.2	4160472.59	WRKR_435	1.00E-02	1.14E-05
558355.174160482.59	558355.2	4160482.59	WRKR_436	1.12E-02	1.20E-05
558355.174160492.59	558355.2	4160492.59	WRKR_437	1.25E-02	1.27E-05
558355.174160502.59	558355.2	4160502.59	WRKR_438	1.41E-02	1.35E-05
558355.174160512.59	558355.2	4160512.59	WRKR_439	1.60E-02	1.44E-05
558355.174160522.59	558355.2	4160522.59	WRKR_440	1.82E-02	1.54E-05
558355.174160532.59	558355.2	4160532.59	WRKR_441	2.08E-02	1.67E-05

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
558365.174160362.59	558365.2	4160362.59	WRKR_442	4.03E-03	7.73E-06
558365.174160372.59	558365.2	4160372.59	WRKR_443	4.29E-03	8.00E-06
558365.174160382.59	558365.2	4160382.59	WRKR_444	4.58E-03	8.28E-06
558365.174160392.59	558365.2	4160392.59	WRKR_445	4.91E-03	8.58E-06
558365.174160402.59	558365.2	4160402.59	WRKR_446	5.27E-03	8.89E-06
558365.174160412.59	558365.2	4160412.59	WRKR_447	5.68E-03	9.23E-06
558365.174160422.59	558365.2	4160422.59	WRKR_448	6.15E-03	9.58E-06
558365.174160432.59	558365.2	4160432.59	WRKR_449	6.69E-03	9.96E-06
558365.174160442.59	558365.2	4160442.59	WRKR_450	7.30E-03	1.04E-05
558365.174160452.59	558365.2	4160452.59	WRKR_451	8.01E-03	1.08E-05
558365.174160462.59	558365.2	4160462.59	WRKR_452	8.83E-03	1.14E-05
558365.174160472.59	558365.2	4160472.59	WRKR_453	9.80E-03	1.19E-05
558365.174160482.59	558365.2	4160482.59	WRKR_454	1.09E-02	1.26E-05
558365.174160492.59	558365.2	4160492.59	WRKR_455	1.22E-02	1.33E-05
558365.174160502.59	558365.2	4160502.59	WRKR_456	1.38E-02	1.41E-05
558365.174160512.59	558365.2	4160512.59	WRKR_457	1.56E-02	1.51E-05
558365.174160522.59	558365.2	4160522.59	WRKR_458	1.77E-02	1.62E-05
558365.174160532.59	558365.2	4160532.59	WRKR_459	2.01E-02	1.76E-05
558375.174160362.59	558375.2	4160362.59	WRKR_460	3.91E-03	8.06E-06
558375.174160372.59	558375.2	4160372.59	WRKR_461	4.17E-03	8.35E-06
558375.174160382.59	558375.2	4160382.59	WRKR_462	4.45E-03	8.65E-06
558375.174160392.59	558375.2	4160392.59	WRKR_463	4.77E-03	8.93E-06
558375.174160402.59	558375.2	4160402.59	WRKR_464	5.12E-03	9.28E-06
558375.174160412.59	558375.2	4160412.59	WRKR_465	5.53E-03	9.63E-06
558375.174160422.59	558375.2	4160422.59	WRKR_466	5.99E-03	9.99E-06
558375.174160432.59	558375.2	4160432.59	WRKR_467	6.52E-03	1.04E-05
558375.174160442.59	558375.2	4160442.59	WRKR_468	7.12E-03	1.08E-05
558375.174160452.59	558375.2	4160452.59	WRKR_469	7.82E-03	1.13E-05
558375.174160462.59	558375.2	4160462.59	WRKR_470	8.63E-03	1.19E-05
558375.174160472.59	558375.2	4160472.59	WRKR_471	9.57E-03	1.24E-05
558375.174160482.59	558375.2	4160482.59	WRKR_472	1.07E-02	1.31E-05
558375.174160492.59	558375.2	4160492.59	WRKR_473	1.19E-02	1.39E-05
558375.174160502.59	558375.2	4160502.59	WRKR_474	1.34E-02	1.48E-05
558375.174160512.59	558375.2	4160512.59	WRKR_475	1.52E-02	1.58E-05
558375.174160522.59	558375.2	4160522.59	WRKR_476	1.71E-02	1.70E-05
558375.174160532.59	558375.2	4160532.59	WRKR_477	1.94E-02	1.85E-05
558385.174160362.59	558385.2	4160362.59	WRKR_478	3.81E-03	8.40E-06
558385.174160372.59	558385.2	4160372.59	WRKR_479	4.06E-03	8.73E-06
558385.174160382.59	558385.2	4160382.59	WRKR_480	4.33E-03	9.04E-06
558385.174160392.59	558385.2	4160392.59	WRKR_481	4.65E-03	9.31E-06
558385.174160402.59	558385.2	4160402.59	WRKR_482	5.00E-03	9.66E-06
558385.174160412.59	558385.2	4160412.59	WRKR_483	5.40E-03	1.00E-05
558385.174160422.59	558385.2	4160422.59	WRKR_484	5.85E-03	1.04E-05
558385.174160432.59	558385.2	4160432.59	WRKR_485	6.37E-03	1.08E-05
558385.174160442.59	558385.2	4160442.59	WRKR_486	6.96E-03	1.13E-05
558385.174160452.59	558385.2	4160452.59	WRKR_487	7.65E-03	1.18E-05
558385.174160462.59	558385.2	4160462.59	WRKR_488	8.45E-03	1.24E-05
558385.174160472.59	558385.2	4160472.59	WRKR_489	9.37E-03	1.30E-05
558385.174160482.59	558385.2	4160482.59	WRKR_490	1.04E-02	1.37E-05
558385.174160492.59	558385.2	4160492.59	WRKR_491	1.17E-02	1.45E-05
558385.174160502.59	558385.2	4160502.59	WRKR_492	1.31E-02	1.54E-05
558385.174160512.59	558385.2	4160512.59	WRKR_493	1.47E-02	1.65E-05
558385.174160522.59	558385.2	4160522.59	WRKR_494	1.66E-02	1.78E-05
558385.174160532.59	558385.2	4160532.59	WRKR_495	1.88E-02	1.93E-05
558395.174160362.59	558395.2	4160362.59	WRKR_496	3.72E-03	8.76E-06
558395.174160372.59	558395.2	4160372.59	WRKR_497	3.96E-03	9.07E-06
558395.174160382.59	558395.2	4160382.59	WRKR_498	4.23E-03	9.39E-06
558395.174160392.59	558395.2	4160392.59	WRKR_499	4.54E-03	9.72E-06
558395.174160402.59	558395.2	4160402.59	WRKR_500	4.89E-03	1.01E-05
558395.174160412.59	558395.2	4160412.59	WRKR_501	5.28E-03	1.05E-05
558395.174160422.59	558395.2	4160422.59	WRKR_502	5.73E-03	1.09E-05
558395.174160432.59	558395.2	4160432.59	WRKR_503	6.25E-03	1.13E-05
558395.174160442.59	558395.2	4160442.59	WRKR_504	6.84E-03	1.18E-05

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
558395.174160452.59	558395.2	4160452.59	WRKR_505	7.51E-03	1.23E-05
558395.174160462.59	558395.2	4160462.59	WRKR_506	8.30E-03	1.29E-05
558395.174160472.59	558395.2	4160472.59	WRKR_507	9.20E-03	1.36E-05
558395.174160482.59	558395.2	4160482.59	WRKR_508	1.02E-02	1.43E-05
558395.174160492.59	558395.2	4160492.59	WRKR_509	1.14E-02	1.51E-05
558395.174160502.59	558395.2	4160502.59	WRKR_510	1.28E-02	1.61E-05
558395.174160512.59	558395.2	4160512.59	WRKR_511	1.44E-02	1.72E-05
558477.664160568.94	558477.7	4160568.94	WRKR_512	2.02E-02	4.48E-05
558477.664160578.94	558477.7	4160578.94	WRKR_513	2.21E-02	5.18E-05
558477.664160588.94	558477.7	4160588.94	WRKR_514	2.43E-02	6.13E-05
558477.664160598.94	558477.7	4160598.94	WRKR_515	2.66E-02	7.44E-05
558487.664160568.94	558487.7	4160568.94	WRKR_516	1.92E-02	4.66E-05
558487.664160578.94	558487.7	4160578.94	WRKR_517	2.09E-02	5.31E-05
558487.664160588.94	558487.7	4160588.94	WRKR_518	2.28E-02	6.14E-05
558487.664160598.94	558487.7	4160598.94	WRKR_519	2.47E-02	7.31E-05
558497.664160568.94	558497.7	4160568.94	WRKR_520	1.85E-02	4.93E-05
558497.664160578.94	558497.7	4160578.94	WRKR_521	2.01E-02	5.56E-05
558497.664160588.94	558497.7	4160588.94	WRKR_522	2.17E-02	6.39E-05
558497.664160598.94	558497.7	4160598.94	WRKR_523	2.34E-02	7.54E-05
558507.664160568.94	558507.7	4160568.94	WRKR_524	1.80E-02	5.38E-05
558507.664160578.94	558507.7	4160578.94	WRKR_525	1.94E-02	5.99E-05
558507.664160588.94	558507.7	4160588.94	WRKR_526	2.09E-02	6.91E-05
558507.664160598.94	558507.7	4160598.94	WRKR_527	2.24E-02	8.16E-05
558517.664160568.94	558517.7	4160568.94	WRKR_528	1.74E-02	5.91E-05
558517.664160578.94	558517.7	4160578.94	WRKR_529	1.87E-02	6.57E-05
558517.664160588.94	558517.7	4160588.94	WRKR_530	2.00E-02	7.50E-05
558517.664160598.94	558517.7	4160598.94	WRKR_531	2.13E-02	8.89E-05
558527.664160568.94	558527.7	4160568.94	WRKR_532	1.68E-02	6.57E-05
558527.664160578.94	558527.7	4160578.94	WRKR_533	1.79E-02	7.31E-05
558527.664160588.94	558527.7	4160588.94	WRKR_534	1.91E-02	8.33E-05
558527.664160598.94	558527.7	4160598.94	WRKR_535	2.02E-02	7.72E-05
558537.664160568.94	558537.7	4160568.94	WRKR_536	1.62E-02	7.49E-05
558537.664160578.94	558537.7	4160578.94	WRKR_537	1.72E-02	8.33E-05
558537.664160588.94	558537.7	4160588.94	WRKR_538	1.82E-02	7.03E-05
558537.664160598.94	558537.7	4160598.94	WRKR_539	1.91E-02	7.83E-05
558547.664160568.94	558547.7	4160568.94	WRKR_540	1.56E-02	8.80E-05
558547.664160578.94	558547.7	4160578.94	WRKR_541	1.65E-02	6.94E-05
558547.664160588.94	558547.7	4160588.94	WRKR_542	1.73E-02	5.21E-05
558557.664160568.94	558557.7	4160568.94	WRKR_543	1.50E-02	4.94E-05
558600.644160569.24	558600.6	4160569.24	WRKR_544	1.27E-02	6.38E-05
558600.644160579.24	558600.6	4160579.24	WRKR_545	1.31E-02	6.52E-05
558600.644160589.24	558600.6	4160589.24	WRKR_546	1.34E-02	7.83E-05
558600.644160599.24	558600.6	4160599.24	WRKR_547	1.37E-02	7.10E-05
558610.644160569.24	558610.6	4160569.24	WRKR_548	1.21E-02	7.68E-05
558610.644160579.24	558610.6	4160579.24	WRKR_549	1.25E-02	7.10E-05
558610.644160589.24	558610.6	4160589.24	WRKR_550	1.28E-02	6.53E-05
558610.644160599.24	558610.6	4160599.24	WRKR_551	1.30E-02	5.93E-05
558620.644160569.24	558620.6	4160569.24	WRKR_552	1.16E-02	6.54E-05
558620.644160579.24	558620.6	4160579.24	WRKR_553	1.19E-02	6.04E-05
558620.644160589.24	558620.6	4160589.24	WRKR_554	1.21E-02	5.59E-05
558620.644160599.24	558620.6	4160599.24	WRKR_555	1.23E-02	5.09E-05
558630.644160569.24	558630.6	4160569.24	WRKR_556	1.11E-02	5.64E-05
558630.644160579.24	558630.6	4160579.24	WRKR_557	1.13E-02	5.24E-05
558630.644160589.24	558630.6	4160589.24	WRKR_558	1.15E-02	4.83E-05
558630.644160599.24	558630.6	4160599.24	WRKR_559	1.17E-02	4.39E-05
558640.644160569.24	558640.6	4160569.24	WRKR_560	1.06E-02	4.91E-05
558640.644160579.24	558640.6	4160579.24	WRKR_561	1.08E-02	4.58E-05
558640.644160589.24	558640.6	4160589.24	WRKR_562	1.10E-02	4.20E-05
558640.644160599.24	558640.6	4160599.24	WRKR_563	1.11E-02	3.83E-05
558650.644160569.24	558650.6	4160569.24	WRKR_564	1.01E-02	4.32E-05
558650.644160579.24	558650.6	4160579.24	WRKR_565	1.03E-02	4.03E-05
558650.644160589.24	558650.6	4160589.24	WRKR_566	1.04E-02	3.70E-05
558650.644160599.24	558650.6	4160599.24	WRKR_567	1.05E-02	3.40E-05

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
558660.644160569.24	558660.6	4160569.24	WRKR_568	9.68E-03	3.88E-05
558660.644160579.24	558660.6	4160579.24	WRKR_569	9.82E-03	3.61E-05
558660.644160589.24	558660.6	4160589.24	WRKR_570	9.91E-03	3.33E-05
558660.644160599.24	558660.6	4160599.24	WRKR_571	9.98E-03	3.07E-05
558670.644160569.24	558670.6	4160569.24	WRKR_572	9.25E-03	3.51E-05
558670.644160579.24	558670.6	4160579.24	WRKR_573	9.36E-03	3.26E-05
558670.644160589.24	558670.6	4160589.24	WRKR_574	9.44E-03	3.01E-05
558495.44160499.48	558495.4	4160499.48	WRKR_575	1.05E-02	2.89E-05
558495.44160509.48	558495.4	4160509.48	WRKR_576	1.14E-02	3.05E-05
558495.44160519.48	558495.4	4160519.48	WRKR_577	1.25E-02	3.25E-05
558495.44160529.48	558495.4	4160529.48	WRKR_578	1.36E-02	3.47E-05
558505.44160499.48	558505.4	4160499.48	WRKR_579	1.04E-02	3.20E-05
558505.44160509.48	558505.4	4160509.48	WRKR_580	1.13E-02	3.38E-05
558505.44160519.48	558505.4	4160519.48	WRKR_581	1.23E-02	3.58E-05
558505.44160529.48	558505.4	4160529.48	WRKR_582	1.33E-02	3.81E-05
558515.44160499.48	558515.4	4160499.48	WRKR_583	1.02E-02	3.60E-05
558515.44160509.48	558515.4	4160509.48	WRKR_584	1.11E-02	3.79E-05
558515.44160519.48	558515.4	4160519.48	WRKR_585	1.21E-02	4.01E-05
558515.44160529.48	558515.4	4160529.48	WRKR_586	1.31E-02	4.25E-05
558525.44160499.48	558525.4	4160499.48	WRKR_587	1.01E-02	4.09E-05
558525.44160509.48	558525.4	4160509.48	WRKR_588	1.10E-02	4.32E-05
558525.44160519.48	558525.4	4160519.48	WRKR_589	1.19E-02	4.56E-05
558525.44160529.48	558525.4	4160529.48	WRKR_590	1.28E-02	4.82E-05
558535.44160499.48	558535.4	4160499.48	WRKR_591	9.98E-03	4.74E-05
558535.44160509.48	558535.4	4160509.48	WRKR_592	1.08E-02	5.01E-05
558535.44160519.48	558535.4	4160519.48	WRKR_593	1.16E-02	5.29E-05
558535.44160529.48	558535.4	4160529.48	WRKR_594	1.26E-02	5.57E-05
558545.44160499.48	558545.4	4160499.48	WRKR_595	9.85E-03	5.59E-05
558545.44160509.48	558545.4	4160509.48	WRKR_596	1.06E-02	5.92E-05
558545.44160519.48	558545.4	4160519.48	WRKR_597	1.14E-02	6.25E-05
558545.44160529.48	558545.4	4160529.48	WRKR_598	1.23E-02	6.58E-05
558555.44160499.48	558555.4	4160499.48	WRKR_599	9.72E-03	6.75E-05
558555.44160509.48	558555.4	4160509.48	WRKR_600	1.04E-02	7.15E-05
558555.44160519.48	558555.4	4160519.48	WRKR_601	1.12E-02	7.55E-05
558555.44160529.48	558555.4	4160529.48	WRKR_602	1.20E-02	7.98E-05
558565.44160499.48	558565.4	4160499.48	WRKR_603	9.58E-03	5.85E-05
558565.44160509.48	558565.4	4160509.48	WRKR_604	1.03E-02	6.44E-05
558565.44160519.48	558565.4	4160519.48	WRKR_605	1.10E-02	4.60E-05
558565.44160529.48	558565.4	4160529.48	WRKR_606	1.17E-02	6.65E-05
558618.984160498.88	558619	4160498.88	WRKR_607	8.65E-03	4.89E-05
558618.984160508.88	558619	4160508.88	WRKR_608	9.13E-03	6.46E-05
558618.984160518.88	558619	4160518.88	WRKR_609	9.60E-03	6.47E-05
558618.984160528.88	558619	4160528.88	WRKR_610	1.01E-02	8.21E-05
558628.984160498.88	558629	4160498.88	WRKR_611	8.46E-03	8.39E-05
558628.984160508.88	558629	4160508.88	WRKR_612	8.90E-03	7.80E-05
558628.984160518.88	558629	4160518.88	WRKR_613	9.34E-03	7.36E-05
558628.984160528.88	558629	4160528.88	WRKR_614	9.76E-03	7.02E-05
558638.984160498.88	558639	4160498.88	WRKR_615	8.27E-03	7.33E-05
558638.984160508.88	558639	4160508.88	WRKR_616	8.67E-03	6.84E-05
558638.984160518.88	558639	4160518.88	WRKR_617	9.07E-03	6.47E-05
558638.984160528.88	558639	4160528.88	WRKR_618	9.45E-03	6.17E-05
558648.984160498.88	558649	4160498.88	WRKR_619	8.07E-03	6.56E-05
558648.984160508.88	558649	4160508.88	WRKR_620	8.44E-03	6.11E-05
558648.984160518.88	558649	4160518.88	WRKR_621	8.80E-03	5.77E-05
558648.984160528.88	558649	4160528.88	WRKR_622	9.14E-03	5.50E-05
558658.984160498.88	558659	4160498.88	WRKR_623	7.87E-03	5.99E-05
558658.984160508.88	558659	4160508.88	WRKR_624	8.21E-03	5.57E-05
558658.984160518.88	558659	4160518.88	WRKR_625	8.53E-03	5.23E-05
558658.984160528.88	558659	4160528.88	WRKR_626	8.84E-03	4.96E-05
558668.984160498.88	558669	4160498.88	WRKR_627	7.67E-03	5.51E-05
558668.984160508.88	558669	4160508.88	WRKR_628	7.98E-03	5.11E-05
558668.984160518.88	558669	4160518.88	WRKR_629	8.27E-03	4.78E-05
558668.984160528.88	558669	4160528.88	WRKR_630	8.54E-03	4.52E-05

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
558678.984160498.88	558679	4160498.88	WRKR_631	7.47E-03	5.12E-05
558678.984160508.88	558679	4160508.88	WRKR_632	7.75E-03	4.73E-05
558678.984160518.88	558679	4160518.88	WRKR_633	8.01E-03	4.41E-05
558678.984160528.88	558679	4160528.88	WRKR_634	8.24E-03	4.15E-05
558688.984160498.88	558689	4160498.88	WRKR_635	7.27E-03	4.78E-05
558688.984160508.88	558689	4160508.88	WRKR_636	7.52E-03	4.40E-05
558688.984160518.88	558689	4160518.88	WRKR_637	7.75E-03	4.10E-05
558444.414160372.35	558444.4	4160372.35	WRKR_638	3.66E-03	1.14E-05
558454.414160382.35	558454.4	4160382.35	WRKR_639	3.85E-03	1.22E-05
558454.414160392.35	558454.4	4160392.35	WRKR_640	4.15E-03	1.27E-05
558454.414160402.35	558454.4	4160402.35	WRKR_641	4.49E-03	1.32E-05
558464.414160382.35	558464.4	4160382.35	WRKR_642	3.83E-03	1.29E-05
558464.414160392.35	558464.4	4160392.35	WRKR_643	4.13E-03	1.35E-05
558464.414160402.35	558464.4	4160402.35	WRKR_644	4.48E-03	1.40E-05
558474.414160382.35	558474.4	4160382.35	WRKR_645	3.82E-03	1.37E-05
558474.414160392.35	558474.4	4160392.35	WRKR_646	4.12E-03	1.42E-05
558474.414160402.35	558474.4	4160402.35	WRKR_647	4.46E-03	1.48E-05
558484.414160382.35	558484.4	4160382.35	WRKR_648	3.81E-03	1.45E-05
558484.414160392.35	558484.4	4160392.35	WRKR_649	4.10E-03	1.51E-05
558484.414160402.35	558484.4	4160402.35	WRKR_650	4.42E-03	1.56E-05
558494.414160382.35	558494.4	4160382.35	WRKR_651	3.81E-03	1.55E-05
558494.414160392.35	558494.4	4160392.35	WRKR_652	4.10E-03	1.61E-05
558494.414160402.35	558494.4	4160402.35	WRKR_653	4.42E-03	1.67E-05
558504.414160382.35	558504.4	4160382.35	WRKR_654	3.82E-03	1.65E-05
558504.414160392.35	558504.4	4160392.35	WRKR_655	4.13E-03	1.74E-05
558504.414160402.35	558504.4	4160402.35	WRKR_656	4.50E-03	1.85E-05
558514.414160382.35	558514.4	4160382.35	WRKR_657	3.83E-03	1.78E-05
558514.414160392.35	558514.4	4160392.35	WRKR_658	4.15E-03	1.87E-05
558514.414160402.35	558514.4	4160402.35	WRKR_659	4.52E-03	2.00E-05
558524.414160392.35	558524.4	4160392.35	WRKR_660	4.16E-03	2.03E-05
558524.414160402.35	558524.4	4160402.35	WRKR_661	4.53E-03	2.17E-05
558581.824160392.36	558581.8	4160392.36	WRKR_662	4.31E-03	3.47E-05
558581.824160402.36	558581.8	4160402.36	WRKR_663	4.64E-03	3.89E-05
558581.824160412.36	558581.8	4160412.36	WRKR_664	5.00E-03	4.39E-05
558581.824160422.36	558581.8	4160422.36	WRKR_665	5.39E-03	4.99E-05
558591.824160392.36	558591.8	4160392.36	WRKR_666	4.32E-03	3.77E-05
558591.824160402.36	558591.8	4160402.36	WRKR_667	4.65E-03	4.27E-05
558591.824160412.36	558591.8	4160412.36	WRKR_668	5.00E-03	4.89E-05
558591.824160422.36	558591.8	4160422.36	WRKR_669	5.38E-03	5.65E-05
558601.824160382.36	558601.8	4160382.36	WRKR_670	4.03E-03	3.62E-05
558601.824160392.36	558601.8	4160392.36	WRKR_671	4.34E-03	4.09E-05
558601.824160402.36	558601.8	4160402.36	WRKR_672	4.66E-03	4.68E-05
558601.824160412.36	558601.8	4160412.36	WRKR_673	5.00E-03	5.42E-05
558601.824160422.36	558601.8	4160422.36	WRKR_674	5.37E-03	6.36E-05
558611.824160382.36	558611.8	4160382.36	WRKR_675	4.05E-03	3.84E-05
558611.824160392.36	558611.8	4160392.36	WRKR_676	4.35E-03	4.37E-05
558611.824160402.36	558611.8	4160402.36	WRKR_677	4.66E-03	5.10E-05
558611.824160412.36	558611.8	4160412.36	WRKR_678	5.00E-03	5.98E-05
558611.824160422.36	558611.8	4160422.36	WRKR_679	5.36E-03	7.13E-05
558621.824160382.36	558621.8	4160382.36	WRKR_680	4.06E-03	4.10E-05
558621.824160392.36	558621.8	4160392.36	WRKR_681	4.36E-03	4.70E-05
558621.824160402.36	558621.8	4160402.36	WRKR_682	4.67E-03	5.53E-05
558621.824160412.36	558621.8	4160412.36	WRKR_683	4.99E-03	6.61E-05
558621.824160422.36	558621.8	4160422.36	WRKR_684	5.34E-03	5.47E-05
558631.824160382.36	558631.8	4160382.36	WRKR_685	4.07E-03	4.38E-05
558631.824160392.36	558631.8	4160392.36	WRKR_686	4.36E-03	5.03E-05
558631.824160402.36	558631.8	4160402.36	WRKR_687	4.67E-03	5.99E-05
558641.824160382.36	558641.8	4160382.36	WRKR_688	4.08E-03	4.64E-05
558641.824160392.36	558641.8	4160392.36	WRKR_689	4.36E-03	5.37E-05
558641.824160402.36	558641.8	4160402.36	WRKR_690	4.66E-03	6.48E-05
558651.824160382.36	558651.8	4160382.36	WRKR_691	4.09E-03	4.99E-05
558651.824160392.36	558651.8	4160392.36	WRKR_692	4.36E-03	5.79E-05
558651.824160402.36	558651.8	4160402.36	WRKR_693	4.65E-03	7.04E-05

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
558661.824160382.36	558661.8	4160382.36	WRKR_694	4.09E-03	5.38E-05
558661.824160392.36	558661.8	4160392.36	WRKR_695	4.36E-03	6.24E-05
558661.824160402.36	558661.8	4160402.36	WRKR_696	4.64E-03	7.64E-05
558671.824160362.36	558671.8	4160362.36	WRKR_697	3.60E-03	4.86E-05
558671.824160372.36	558671.8	4160372.36	WRKR_698	3.84E-03	5.25E-05
558671.824160382.36	558671.8	4160382.36	WRKR_699	4.09E-03	5.84E-05
558671.824160392.36	558671.8	4160392.36	WRKR_700	4.35E-03	6.75E-05
558671.824160402.36	558671.8	4160402.36	WRKR_701	4.62E-03	8.27E-05
558681.824160362.36	558681.8	4160362.36	WRKR_702	3.61E-03	5.43E-05
558681.824160372.36	558681.8	4160372.36	WRKR_703	3.83E-03	5.71E-05
558681.824160382.36	558681.8	4160382.36	WRKR_704	4.08E-03	6.37E-05
558681.824160392.36	558681.8	4160392.36	WRKR_705	4.34E-03	7.33E-05
558681.824160402.36	558681.8	4160402.36	WRKR_706	4.60E-03	8.88E-05
558691.824160362.36	558691.8	4160362.36	WRKR_707	3.61E-03	6.23E-05
558691.824160372.36	558691.8	4160372.36	WRKR_708	3.84E-03	6.60E-05
558691.824160382.36	558691.8	4160382.36	WRKR_709	4.07E-03	7.17E-05
558691.824160392.36	558691.8	4160392.36	WRKR_710	4.32E-03	8.14E-05
558691.824160402.36	558691.8	4160402.36	WRKR_711	4.58E-03	9.75E-05
558701.824160362.36	558701.8	4160362.36	WRKR_712	3.61E-03	7.35E-05
558701.824160372.36	558701.8	4160372.36	WRKR_713	3.83E-03	7.72E-05
558701.824160382.36	558701.8	4160382.36	WRKR_714	4.06E-03	8.30E-05
558701.824160392.36	558701.8	4160392.36	WRKR_715	4.30E-03	9.23E-05
558701.824160402.36	558701.8	4160402.36	WRKR_716	4.55E-03	1.08E-04
558711.824160362.36	558711.8	4160362.36	WRKR_717	3.61E-03	8.95E-05
558711.824160372.36	558711.8	4160372.36	WRKR_718	3.83E-03	9.30E-05
558711.824160382.36	558711.8	4160382.36	WRKR_719	4.05E-03	7.67E-05
558711.824160392.36	558711.8	4160392.36	WRKR_720	4.28E-03	1.07E-04
558711.824160402.36	558711.8	4160402.36	WRKR_721	4.51E-03	6.93E-05
558721.824160362.36	558721.8	4160362.36	WRKR_722	3.61E-03	5.32E-05
558721.824160372.36	558721.8	4160372.36	WRKR_723	3.81E-03	5.94E-05
558721.824160382.36	558721.8	4160382.36	WRKR_724	4.03E-03	8.47E-05
558721.824160392.36	558721.8	4160392.36	WRKR_725	4.25E-03	6.62E-05
558721.824160402.36	558721.8	4160402.36	WRKR_726	4.47E-03	7.06E-05
558690.094160295.24	558690.1	4160295.24	WRKR_727	2.35E-03	4.90E-05
558690.094160305.24	558690.1	4160305.24	WRKR_728	2.50E-03	4.96E-05
558690.094160315.24	558690.1	4160315.24	WRKR_729	2.67E-03	5.03E-05
558690.094160325.24	558690.1	4160325.24	WRKR_730	2.84E-03	5.11E-05
558690.094160335.24	558690.1	4160335.24	WRKR_731	3.02E-03	5.22E-05
558700.094160295.24	558700.1	4160295.24	WRKR_732	2.37E-03	5.92E-05
558700.094160305.24	558700.1	4160305.24	WRKR_733	2.52E-03	6.01E-05
558700.094160315.24	558700.1	4160315.24	WRKR_734	2.68E-03	6.06E-05
558700.094160325.24	558700.1	4160325.24	WRKR_735	2.85E-03	6.12E-05
558700.094160335.24	558700.1	4160335.24	WRKR_736	3.03E-03	6.21E-05
558710.094160295.24	558710.1	4160295.24	WRKR_737	2.39E-03	7.44E-05
558710.094160305.24	558710.1	4160305.24	WRKR_738	2.54E-03	7.50E-05
558710.094160315.24	558710.1	4160315.24	WRKR_739	2.70E-03	7.55E-05
558710.094160325.24	558710.1	4160325.24	WRKR_740	2.86E-03	7.62E-05
558710.094160335.24	558710.1	4160335.24	WRKR_741	3.04E-03	7.68E-05
558720.094160295.24	558720.1	4160295.24	WRKR_742	2.41E-03	6.51E-05
558720.094160305.24	558720.1	4160305.24	WRKR_743	2.55E-03	4.57E-05
558720.094160315.24	558720.1	4160315.24	WRKR_744	2.71E-03	6.60E-05
558720.094160325.24	558720.1	4160325.24	WRKR_745	2.88E-03	6.74E-05
558612.684160297.32	558612.7	4160297.32	WRKR_746	2.24E-03	2.09E-05
558612.684160307.32	558612.7	4160307.32	WRKR_747	2.39E-03	2.18E-05
558612.684160317.32	558612.7	4160317.32	WRKR_748	2.55E-03	2.28E-05
558612.684160327.32	558612.7	4160327.32	WRKR_749	2.73E-03	2.39E-05
558612.684160337.32	558612.7	4160337.32	WRKR_750	2.92E-03	2.54E-05
558622.684160297.32	558622.7	4160297.32	WRKR_751	2.26E-03	2.25E-05
558622.684160307.32	558622.7	4160307.32	WRKR_752	2.41E-03	2.34E-05
558622.684160317.32	558622.7	4160317.32	WRKR_753	2.57E-03	2.44E-05
558622.684160327.32	558622.7	4160327.32	WRKR_754	2.75E-03	2.55E-05
558622.684160337.32	558622.7	4160337.32	WRKR_755	2.95E-03	2.70E-05
558632.684160297.32	558632.7	4160297.32	WRKR_756	2.28E-03	2.43E-05

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
558632.684160307.32	558632.7	4160307.32	WRKR_757	2.43E-03	2.52E-05
558632.684160317.32	558632.7	4160317.32	WRKR_758	2.59E-03	2.62E-05
558632.684160327.32	558632.7	4160327.32	WRKR_759	2.77E-03	2.74E-05
558632.684160337.32	558632.7	4160337.32	WRKR_760	2.97E-03	2.89E-05
558642.684160297.32	558642.7	4160297.32	WRKR_761	2.30E-03	2.68E-05
558642.684160307.32	558642.7	4160307.32	WRKR_762	2.45E-03	2.74E-05
558642.684160317.32	558642.7	4160317.32	WRKR_763	2.61E-03	2.84E-05
558642.684160327.32	558642.7	4160327.32	WRKR_764	2.79E-03	2.96E-05
558642.684160337.32	558642.7	4160337.32	WRKR_765	2.99E-03	3.11E-05
558652.684160297.32	558652.7	4160297.32	WRKR_766	2.32E-03	2.95E-05
558652.684160307.32	558652.7	4160307.32	WRKR_767	2.47E-03	3.02E-05
558652.684160317.32	558652.7	4160317.32	WRKR_768	2.63E-03	3.12E-05
558652.684160327.32	558652.7	4160327.32	WRKR_769	2.81E-03	3.23E-05
558652.684160337.32	558652.7	4160337.32	WRKR_770	3.01E-03	3.38E-05
558662.684160297.32	558662.7	4160297.32	WRKR_771	2.34E-03	3.32E-05
558662.684160307.32	558662.7	4160307.32	WRKR_772	2.49E-03	3.38E-05
558662.684160317.32	558662.7	4160317.32	WRKR_773	2.65E-03	3.46E-05
558662.684160327.32	558662.7	4160327.32	WRKR_774	2.83E-03	3.57E-05
558662.684160337.32	558662.7	4160337.32	WRKR_775	3.02E-03	3.71E-05
558672.684160297.32	558672.7	4160297.32	WRKR_776	2.36E-03	3.76E-05
558672.684160307.32	558672.7	4160307.32	WRKR_777	2.51E-03	3.83E-05
558672.684160317.32	558672.7	4160317.32	WRKR_778	2.67E-03	3.91E-05
558672.684160327.32	558672.7	4160327.32	WRKR_779	2.85E-03	4.00E-05
558672.684160337.32	558672.7	4160337.32	WRKR_780	3.04E-03	4.14E-05
558543.584160290.65	558543.6	4160290.65	WRKR_781	2.11E-03	1.40E-05
558553.584160300.65	558553.6	4160300.65	WRKR_782	2.24E-03	1.54E-05
558553.584160310.65	558553.6	4160310.65	WRKR_783	2.38E-03	1.61E-05
558553.584160320.65	558553.6	4160320.65	WRKR_784	2.54E-03	1.70E-05
558553.584160330.65	558553.6	4160330.65	WRKR_785	2.72E-03	1.78E-05
558563.584160300.65	558563.6	4160300.65	WRKR_786	2.25E-03	1.63E-05
558563.584160310.65	558563.6	4160310.65	WRKR_787	2.39E-03	1.71E-05
558563.584160320.65	558563.6	4160320.65	WRKR_788	2.55E-03	1.79E-05
558563.584160330.65	558563.6	4160330.65	WRKR_789	2.73E-03	1.89E-05
558573.584160300.65	558573.6	4160300.65	WRKR_790	2.26E-03	1.72E-05
558573.584160310.65	558573.6	4160310.65	WRKR_791	2.41E-03	1.80E-05
558573.584160320.65	558573.6	4160320.65	WRKR_792	2.57E-03	1.89E-05
558573.584160330.65	558573.6	4160330.65	WRKR_793	2.75E-03	2.00E-05
558583.584160300.65	558583.6	4160300.65	WRKR_794	2.27E-03	1.82E-05
558583.584160310.65	558583.6	4160310.65	WRKR_795	2.42E-03	1.90E-05
558583.584160320.65	558583.6	4160320.65	WRKR_796	2.58E-03	2.00E-05
558583.584160330.65	558583.6	4160330.65	WRKR_797	2.77E-03	2.11E-05
558593.584160330.65	558593.6	4160330.65	WRKR_798	2.78E-03	2.24E-05
558455.354160303.56	558455.4	4160303.56	WRKR_799	2.39E-03	9.45E-06
558455.354160313.56	558455.4	4160313.56	WRKR_800	2.52E-03	9.78E-06
558455.354160323.56	558455.4	4160323.56	WRKR_801	2.66E-03	1.01E-05
558455.354160333.56	558455.4	4160333.56	WRKR_802	2.82E-03	1.05E-05
558455.354160343.56	558455.4	4160343.56	WRKR_803	3.00E-03	1.09E-05
558465.354160303.56	558465.4	4160303.56	WRKR_804	2.36E-03	9.91E-06
558465.354160313.56	558465.4	4160313.56	WRKR_805	2.49E-03	1.03E-05
558465.354160323.56	558465.4	4160323.56	WRKR_806	2.63E-03	1.06E-05
558465.354160333.56	558465.4	4160333.56	WRKR_807	2.79E-03	1.10E-05
558465.354160343.56	558465.4	4160343.56	WRKR_808	2.97E-03	1.15E-05
558475.354160303.56	558475.4	4160303.56	WRKR_809	2.33E-03	1.04E-05
558475.354160313.56	558475.4	4160313.56	WRKR_810	2.46E-03	1.08E-05
558475.354160323.56	558475.4	4160323.56	WRKR_811	2.61E-03	1.12E-05
558475.354160333.56	558475.4	4160333.56	WRKR_812	2.77E-03	1.16E-05
558475.354160343.56	558475.4	4160343.56	WRKR_813	2.95E-03	1.21E-05
558485.354160303.56	558485.4	4160303.56	WRKR_814	2.31E-03	1.09E-05
558485.354160313.56	558485.4	4160313.56	WRKR_815	2.44E-03	1.13E-05
558485.354160323.56	558485.4	4160323.56	WRKR_816	2.59E-03	1.18E-05
558485.354160333.56	558485.4	4160333.56	WRKR_817	2.76E-03	1.23E-05
558485.354160343.56	558485.4	4160343.56	WRKR_818	2.94E-03	1.28E-05
558495.354160303.56	558495.4	4160303.56	WRKR_819	2.30E-03	1.15E-05

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
558495.354160313.56	558495.4	4160313.56	WRKR_820	2.43E-03	1.20E-05
558495.354160323.56	558495.4	4160323.56	WRKR_821	2.58E-03	1.24E-05
558495.354160333.56	558495.4	4160333.56	WRKR_822	2.75E-03	1.30E-05
558495.354160343.56	558495.4	4160343.56	WRKR_823	2.93E-03	1.35E-05
558505.354160303.56	558505.4	4160303.56	WRKR_824	2.28E-03	1.21E-05
558505.354160313.56	558505.4	4160313.56	WRKR_825	2.42E-03	1.26E-05
558505.354160323.56	558505.4	4160323.56	WRKR_826	2.57E-03	1.31E-05
558505.354160333.56	558505.4	4160333.56	WRKR_827	2.74E-03	1.37E-05
558515.354160303.56	558515.4	4160303.56	WRKR_828	2.28E-03	1.28E-05
558515.354160313.56	558515.4	4160313.56	WRKR_829	2.42E-03	1.33E-05
558515.354160323.56	558515.4	4160323.56	WRKR_830	2.57E-03	1.39E-05
558515.354160333.56	558515.4	4160333.56	WRKR_831	2.74E-03	1.45E-05
558525.354160303.56	558525.4	4160303.56	WRKR_832	2.27E-03	1.34E-05
558525.354160313.56	558525.4	4160313.56	WRKR_833	2.41E-03	1.40E-05
558525.354160323.56	558525.4	4160323.56	WRKR_834	2.57E-03	1.47E-05
558525.354160333.56	558525.4	4160333.56	WRKR_835	2.74E-03	1.54E-05
558535.354160303.56	558535.4	4160303.56	WRKR_836	2.27E-03	1.42E-05
558535.354160313.56	558535.4	4160313.56	WRKR_837	2.42E-03	1.48E-05
558535.354160323.56	558535.4	4160323.56	WRKR_838	2.57E-03	1.55E-05
558535.354160333.56	558535.4	4160333.56	WRKR_839	2.75E-03	1.63E-05
558616.674160229.97	558616.7	4160229.97	WRKR_840	1.54E-03	1.72E-05
558616.674160239.97	558616.7	4160239.97	WRKR_841	1.62E-03	1.79E-05
558616.674160249.97	558616.7	4160249.97	WRKR_842	1.71E-03	1.86E-05
558626.674160229.97	558626.7	4160229.97	WRKR_843	1.54E-03	1.87E-05
558626.674160239.97	558626.7	4160239.97	WRKR_844	1.63E-03	1.94E-05
558626.674160249.97	558626.7	4160249.97	WRKR_845	1.72E-03	2.02E-05
558636.674160229.97	558636.7	4160229.97	WRKR_846	1.55E-03	2.05E-05
558636.674160239.97	558636.7	4160239.97	WRKR_847	1.64E-03	2.14E-05
558636.674160249.97	558636.7	4160249.97	WRKR_848	1.74E-03	2.22E-05
558646.674160229.97	558646.7	4160229.97	WRKR_849	1.56E-03	2.27E-05
558646.674160239.97	558646.7	4160239.97	WRKR_850	1.65E-03	2.37E-05
558646.674160249.97	558646.7	4160249.97	WRKR_851	1.75E-03	2.47E-05
558656.674160229.97	558656.7	4160229.97	WRKR_852	1.57E-03	2.56E-05
558656.674160239.97	558656.7	4160239.97	WRKR_853	1.66E-03	2.67E-05
558666.674160229.97	558666.7	4160229.97	WRKR_854	1.59E-03	2.91E-05
558666.674160239.97	558666.7	4160239.97	WRKR_855	1.68E-03	3.05E-05
558676.674160229.97	558676.7	4160229.97	WRKR_856	1.60E-03	3.37E-05
558676.674160239.97	558676.7	4160239.97	WRKR_857	1.69E-03	3.54E-05
558686.674160229.97	558686.7	4160229.97	WRKR_858	1.61E-03	3.97E-05
558686.674160239.97	558686.7	4160239.97	WRKR_859	1.71E-03	4.18E-05
558696.674160229.97	558696.7	4160229.97	WRKR_860	1.63E-03	4.78E-05
558696.674160239.97	558696.7	4160239.97	WRKR_861	1.72E-03	5.06E-05
558706.674160229.97	558706.7	4160229.97	WRKR_862	1.64E-03	5.89E-05
558706.674160239.97	558706.7	4160239.97	WRKR_863	1.74E-03	6.27E-05
558716.674160229.97	558716.7	4160229.97	WRKR_864	1.66E-03	7.42E-05
558716.674160239.97	558716.7	4160239.97	WRKR_865	1.75E-03	5.78E-05
558420.214160235.8	558420.2	4160235.8	WRKR_866	1.87E-03	6.56E-06
558420.214160245.8	558420.2	4160245.8	WRKR_867	1.95E-03	6.76E-06
558420.214160255.8	558420.2	4160255.8	WRKR_868	2.03E-03	6.97E-06
558430.214160235.8	558430.2	4160235.8	WRKR_869	1.83E-03	6.82E-06
558430.214160245.8	558430.2	4160245.8	WRKR_870	1.91E-03	7.03E-06
558430.214160255.8	558430.2	4160255.8	WRKR_871	1.99E-03	7.25E-06
558440.214160235.8	558440.2	4160235.8	WRKR_872	1.80E-03	7.10E-06
558440.214160245.8	558440.2	4160245.8	WRKR_873	1.87E-03	7.32E-06
558440.214160255.8	558440.2	4160255.8	WRKR_874	1.95E-03	7.55E-06
558450.214160235.8	558450.2	4160235.8	WRKR_875	1.76E-03	7.38E-06
558450.214160245.8	558450.2	4160245.8	WRKR_876	1.84E-03	7.61E-06
558450.214160255.8	558450.2	4160255.8	WRKR_877	1.92E-03	7.86E-06
558460.214160235.8	558460.2	4160235.8	WRKR_878	1.73E-03	7.67E-06
558460.214160245.8	558460.2	4160245.8	WRKR_879	1.81E-03	7.92E-06
558460.214160255.8	558460.2	4160255.8	WRKR_880	1.89E-03	8.20E-06
558470.214160235.8	558470.2	4160235.8	WRKR_881	1.71E-03	7.99E-06
558470.214160245.8	558470.2	4160245.8	WRKR_882	1.78E-03	8.26E-06

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
558470.214160255.8	558470.2	4160255.8	WRKR_883	1.86E-03	8.56E-06
558480.214160235.8	558480.2	4160235.8	WRKR_884	1.68E-03	8.34E-06
558480.214160245.8	558480.2	4160245.8	WRKR_885	1.75E-03	8.63E-06
558480.214160255.8	558480.2	4160255.8	WRKR_886	1.83E-03	8.95E-06
558490.214160235.8	558490.2	4160235.8	WRKR_887	1.66E-03	8.71E-06
558490.214160245.8	558490.2	4160245.8	WRKR_888	1.73E-03	9.00E-06
558490.214160255.8	558490.2	4160255.8	WRKR_889	1.81E-03	9.35E-06
558500.214160235.8	558500.2	4160235.8	WRKR_890	1.64E-03	9.12E-06
558500.214160245.8	558500.2	4160245.8	WRKR_891	1.71E-03	9.45E-06
558500.214160255.8	558500.2	4160255.8	WRKR_892	1.79E-03	9.81E-06
558510.214160235.8	558510.2	4160235.8	WRKR_893	1.62E-03	9.55E-06
558510.214160245.8	558510.2	4160245.8	WRKR_894	1.70E-03	9.92E-06
558510.214160255.8	558510.2	4160255.8	WRKR_895	1.78E-03	1.03E-05
558520.214160235.8	558520.2	4160235.8	WRKR_896	1.61E-03	1.00E-05
558520.214160245.8	558520.2	4160245.8	WRKR_897	1.68E-03	1.04E-05
558520.214160255.8	558520.2	4160255.8	WRKR_898	1.76E-03	1.08E-05
558530.214160235.8	558530.2	4160235.8	WRKR_899	1.60E-03	1.05E-05
558530.214160245.8	558530.2	4160245.8	WRKR_900	1.67E-03	1.09E-05
558530.214160255.8	558530.2	4160255.8	WRKR_901	1.75E-03	1.13E-05
558540.214160235.8	558540.2	4160235.8	WRKR_902	1.59E-03	1.10E-05
558540.214160245.8	558540.2	4160245.8	WRKR_903	1.66E-03	1.14E-05
558540.214160255.8	558540.2	4160255.8	WRKR_904	1.75E-03	1.19E-05
558550.214160235.8	558550.2	4160235.8	WRKR_905	1.58E-03	1.16E-05
558550.214160245.8	558550.2	4160245.8	WRKR_906	1.66E-03	1.20E-05
558550.214160255.8	558550.2	4160255.8	WRKR_907	1.74E-03	1.25E-05
558560.214160235.8	558560.2	4160235.8	WRKR_908	1.57E-03	1.22E-05
558560.214160245.8	558560.2	4160245.8	WRKR_909	1.65E-03	1.27E-05
558560.214160255.8	558560.2	4160255.8	WRKR_910	1.74E-03	1.33E-05
558570.214160235.8	558570.2	4160235.8	WRKR_911	1.57E-03	1.29E-05
558570.214160245.8	558570.2	4160245.8	WRKR_912	1.65E-03	1.34E-05
558570.214160255.8	558570.2	4160255.8	WRKR_913	1.74E-03	1.39E-05
558580.214160235.8	558580.2	4160235.8	WRKR_914	1.57E-03	1.36E-05
558580.214160245.8	558580.2	4160245.8	WRKR_915	1.65E-03	1.42E-05
558590.214160235.8	558590.2	4160235.8	WRKR_916	1.57E-03	1.45E-05
558590.214160245.8	558590.2	4160245.8	WRKR_917	1.66E-03	1.51E-05
558600.214160245.8	558600.2	4160245.8	WRKR_918	1.66E-03	1.62E-05

Worker CONCENTRATIONS & DOSE

XY	X	Y
557996.384160720.52	557996.4	4160720.52
557996.384160730.52	557996.4	4160730.52
557996.384160740.52	557996.4	4160740.52
558006.384160710.52	558006.4	4160710.52
558006.384160720.52	558006.4	4160720.52
558006.384160730.52	558006.4	4160730.52
558006.384160740.52	558006.4	4160740.52
558016.384160710.52	558016.4	4160710.52
558016.384160720.52	558016.4	4160720.52
558016.384160730.52	558016.4	4160730.52
558016.384160740.52	558016.4	4160740.52
558026.384160710.52	558026.4	4160710.52
558026.384160720.52	558026.4	4160720.52
558026.384160730.52	558026.4	4160730.52
558026.384160740.52	558026.4	4160740.52
558277.534160581.24	558277.5	4160581.24
558277.534160591.24	558277.5	4160591.24
558287.534160581.24	558287.5	4160581.24
558287.534160591.24	558287.5	4160591.24
558297.534160581.24	558297.5	4160581.24
558297.534160591.24	558297.5	4160591.24
558307.534160581.24	558307.5	4160581.24
558307.534160591.24	558307.5	4160591.24
558317.534160581.24	558317.5	4160581.24
558317.534160591.24	558317.5	4160591.24
558327.534160581.24	558327.5	4160581.24
558327.534160591.24	558327.5	4160591.24
558337.534160581.24	558337.5	4160581.24
558101.054160547.13	558101.1	4160547.13
558101.054160557.13	558101.1	4160557.13
558101.054160547.13	558101.1	4160547.13
558101.054160557.13	558101.1	4160557.13
558111.054160547.13	558111.1	4160547.13
558111.054160557.13	558111.1	4160557.13
558111.054160567.13	558111.1	4160567.13
558121.054160537.13	558121.1	4160537.13
558121.054160547.13	558121.1	4160547.13
558121.054160557.13	558121.1	4160557.13
558121.054160567.13	558121.1	4160567.13
558121.054160577.13	558121.1	4160577.13
558121.054160587.13	558121.1	4160587.13
558131.054160527.13	558131.1	4160527.13
558131.054160537.13	558131.1	4160537.13
558131.054160547.13	558131.1	4160547.13
558131.054160557.13	558131.1	4160557.13
558131.054160567.13	558131.1	4160567.13
558131.054160577.13	558131.1	4160577.13
558131.054160587.13	558131.1	4160587.13
558131.054160597.13	558131.1	4160597.13
558141.054160527.13	558141.1	4160527.13
558141.054160537.13	558141.1	4160537.13
558141.054160547.13	558141.1	4160547.13
558141.054160557.13	558141.1	4160557.13
558141.054160567.13	558141.1	4160567.13
558141.054160577.13	558141.1	4160577.13
558141.054160587.13	558141.1	4160587.13
558141.054160597.13	558141.1	4160597.13
558141.054160607.13	558141.1	4160607.13
558151.054160537.13	558151.1	4160537.13
558151.054160547.13	558151.1	4160547.13
558151.054160557.13	558151.1	4160557.13
558151.054160567.13	558151.1	4160567.13
558151.054160577.13	558151.1	4160577.13
558151.054160587.13	558151.1	4160587.13
558151.054160597.13	558151.1	4160597.13

Worker CONCENTRATIONS & DOSE

XY	X	Y
558151.054160607.13	558151.1	4160607.13
558151.054160617.13	558151.1	4160617.13
558161.054160547.13	558161.1	4160547.13
558161.054160557.13	558161.1	4160557.13
558161.054160567.13	558161.1	4160567.13
558161.054160577.13	558161.1	4160577.13
558161.054160587.13	558161.1	4160587.13
558161.054160597.13	558161.1	4160597.13
558161.054160607.13	558161.1	4160607.13
558171.054160557.13	558171.1	4160557.13
558171.054160567.13	558171.1	4160567.13
558171.054160577.13	558171.1	4160577.13
558171.054160587.13	558171.1	4160587.13
558171.054160597.13	558171.1	4160597.13
558181.054160567.13	558181.1	4160567.13
558181.054160577.13	558181.1	4160577.13
558181.054160587.13	558181.1	4160587.13
558191.054160577.13	558191.1	4160577.13
558368.544160582.33	558368.5	4160582.33
558378.544160582.33	558378.5	4160582.33
558378.544160592.33	558378.5	4160592.33
558378.544160602.33	558378.5	4160602.33
558378.544160612.33	558378.5	4160612.33
558388.544160582.33	558388.5	4160582.33
558388.544160592.33	558388.5	4160592.33
558388.544160602.33	558388.5	4160602.33
558388.544160612.33	558388.5	4160612.33
558398.544160582.33	558398.5	4160582.33
558398.544160592.33	558398.5	4160592.33
558398.544160602.33	558398.5	4160602.33
558398.544160612.33	558398.5	4160612.33
558186.784160496.28	558186.8	4160496.28
558186.784160506.28	558186.8	4160506.28
558196.784160496.28	558196.8	4160496.28
558196.784160506.28	558196.8	4160506.28
558196.784160516.28	558196.8	4160516.28
558196.784160526.28	558196.8	4160526.28
558206.784160506.28	558206.8	4160506.28
558206.784160516.28	558206.8	4160516.28
558206.784160526.28	558206.8	4160526.28
558206.784160536.28	558206.8	4160536.28
558216.784160516.28	558216.8	4160516.28
558216.784160526.28	558216.8	4160526.28
558216.784160536.28	558216.8	4160536.28
558216.784160546.28	558216.8	4160546.28
558226.784160526.28	558226.8	4160526.28
558226.784160536.28	558226.8	4160536.28
558226.784160546.28	558226.8	4160546.28
558236.784160536.28	558236.8	4160536.28
558115.174160402.59	558115.2	4160402.59
558115.174160412.59	558115.2	4160412.59
558115.174160422.59	558115.2	4160422.59
558115.174160432.59	558115.2	4160432.59
558115.174160442.59	558115.2	4160442.59
558125.174160392.59	558125.2	4160392.59
558125.174160402.59	558125.2	4160402.59
558125.174160412.59	558125.2	4160412.59
558125.174160422.59	558125.2	4160422.59
558125.174160432.59	558125.2	4160432.59
558125.174160442.59	558125.2	4160442.59
558135.174160372.59	558135.2	4160372.59
558135.174160382.59	558135.2	4160382.59
558135.174160392.59	558135.2	4160392.59

Worker CONCENTRATIONS & DOSE

XY	X	Y
558135.174160402.59	558135.2	4160402.59
558135.174160412.59	558135.2	4160412.59
558135.174160422.59	558135.2	4160422.59
558135.174160432.59	558135.2	4160432.59
558135.174160442.59	558135.2	4160442.59
558145.174160372.59	558145.2	4160372.59
558145.174160382.59	558145.2	4160382.59
558145.174160392.59	558145.2	4160392.59
558145.174160402.59	558145.2	4160402.59
558145.174160412.59	558145.2	4160412.59
558145.174160422.59	558145.2	4160422.59
558145.174160432.59	558145.2	4160432.59
558145.174160442.59	558145.2	4160442.59
558155.174160372.59	558155.2	4160372.59
558155.174160382.59	558155.2	4160382.59
558155.174160392.59	558155.2	4160392.59
558155.174160402.59	558155.2	4160402.59
558155.174160412.59	558155.2	4160412.59
558155.174160422.59	558155.2	4160422.59
558155.174160432.59	558155.2	4160432.59
558155.174160442.59	558155.2	4160442.59
558165.174160362.59	558165.2	4160362.59
558165.174160372.59	558165.2	4160372.59
558165.174160382.59	558165.2	4160382.59
558165.174160392.59	558165.2	4160392.59
558165.174160402.59	558165.2	4160402.59
558165.174160412.59	558165.2	4160412.59
558165.174160422.59	558165.2	4160422.59
558165.174160432.59	558165.2	4160432.59
558175.174160362.59	558175.2	4160362.59
558175.174160372.59	558175.2	4160372.59
558175.174160382.59	558175.2	4160382.59
558175.174160392.59	558175.2	4160392.59
558175.174160402.59	558175.2	4160402.59
558175.174160412.59	558175.2	4160412.59
558175.174160422.59	558175.2	4160422.59
558185.174160362.59	558185.2	4160362.59
558185.174160372.59	558185.2	4160372.59
558185.174160382.59	558185.2	4160382.59
558185.174160392.59	558185.2	4160392.59
558185.174160402.59	558185.2	4160402.59
558185.174160412.59	558185.2	4160412.59
558185.174160422.59	558185.2	4160422.59
558185.174160432.59	558185.2	4160432.59
558185.174160442.59	558185.2	4160442.59
558195.174160362.59	558195.2	4160362.59
558195.174160372.59	558195.2	4160372.59
558195.174160382.59	558195.2	4160382.59
558195.174160392.59	558195.2	4160392.59
558195.174160402.59	558195.2	4160402.59
558195.174160412.59	558195.2	4160412.59
558195.174160422.59	558195.2	4160422.59
558195.174160432.59	558195.2	4160432.59
558195.174160442.59	558195.2	4160442.59
558195.174160452.59	558195.2	4160452.59
558205.174160362.59	558205.2	4160362.59
558205.174160372.59	558205.2	4160372.59
558205.174160382.59	558205.2	4160382.59
558205.174160392.59	558205.2	4160392.59
558205.174160402.59	558205.2	4160402.59
558205.174160412.59	558205.2	4160412.59
558205.174160422.59	558205.2	4160422.59
558205.174160432.59	558205.2	4160432.59

Worker CONCENTRATIONS & DOSE

XY	X	Y
558205.174160442.59	558205.2	4160442.59
558205.174160452.59	558205.2	4160452.59
558205.174160462.59	558205.2	4160462.59
558215.174160362.59	558215.2	4160362.59
558215.174160372.59	558215.2	4160372.59
558215.174160382.59	558215.2	4160382.59
558215.174160392.59	558215.2	4160392.59
558215.174160402.59	558215.2	4160402.59
558215.174160412.59	558215.2	4160412.59
558215.174160422.59	558215.2	4160422.59
558215.174160432.59	558215.2	4160432.59
558215.174160442.59	558215.2	4160442.59
558215.174160452.59	558215.2	4160452.59
558215.174160462.59	558215.2	4160462.59
558215.174160472.59	558215.2	4160472.59
558225.174160362.59	558225.2	4160362.59
558225.174160372.59	558225.2	4160372.59
558225.174160382.59	558225.2	4160382.59
558225.174160392.59	558225.2	4160392.59
558225.174160402.59	558225.2	4160402.59
558225.174160412.59	558225.2	4160412.59
558225.174160422.59	558225.2	4160422.59
558225.174160432.59	558225.2	4160432.59
558225.174160442.59	558225.2	4160442.59
558225.174160452.59	558225.2	4160452.59
558225.174160462.59	558225.2	4160462.59
558225.174160472.59	558225.2	4160472.59
558225.174160482.59	558225.2	4160482.59
558235.174160362.59	558235.2	4160362.59
558235.174160372.59	558235.2	4160372.59
558235.174160382.59	558235.2	4160382.59
558235.174160392.59	558235.2	4160392.59
558235.174160402.59	558235.2	4160402.59
558235.174160412.59	558235.2	4160412.59
558235.174160422.59	558235.2	4160422.59
558235.174160432.59	558235.2	4160432.59
558235.174160442.59	558235.2	4160442.59
558235.174160452.59	558235.2	4160452.59
558235.174160462.59	558235.2	4160462.59
558235.174160472.59	558235.2	4160472.59
558235.174160482.59	558235.2	4160482.59
558235.174160492.59	558235.2	4160492.59
558245.174160362.59	558245.2	4160362.59
558245.174160372.59	558245.2	4160372.59
558245.174160382.59	558245.2	4160382.59
558245.174160392.59	558245.2	4160392.59
558245.174160402.59	558245.2	4160402.59
558245.174160412.59	558245.2	4160412.59
558245.174160422.59	558245.2	4160422.59
558245.174160432.59	558245.2	4160432.59
558245.174160442.59	558245.2	4160442.59
558245.174160452.59	558245.2	4160452.59
558245.174160462.59	558245.2	4160462.59
558245.174160472.59	558245.2	4160472.59
558245.174160482.59	558245.2	4160482.59
558245.174160492.59	558245.2	4160492.59
558245.174160502.59	558245.2	4160502.59
558255.174160362.59	558255.2	4160362.59
558255.174160372.59	558255.2	4160372.59
558255.174160382.59	558255.2	4160382.59
558255.174160392.59	558255.2	4160392.59
558255.174160402.59	558255.2	4160402.59
558255.174160412.59	558255.2	4160412.59

Worker CONCENTRATIONS & DOSE

XY	X	Y
558255.174160422.59	558255.2	4160422.59
558255.174160432.59	558255.2	4160432.59
558255.174160442.59	558255.2	4160442.59
558255.174160452.59	558255.2	4160452.59
558255.174160462.59	558255.2	4160462.59
558255.174160472.59	558255.2	4160472.59
558255.174160482.59	558255.2	4160482.59
558255.174160492.59	558255.2	4160492.59
558255.174160502.59	558255.2	4160502.59
558255.174160512.59	558255.2	4160512.59
558265.174160362.59	558265.2	4160362.59
558265.174160372.59	558265.2	4160372.59
558265.174160382.59	558265.2	4160382.59
558265.174160392.59	558265.2	4160392.59
558265.174160402.59	558265.2	4160402.59
558265.174160412.59	558265.2	4160412.59
558265.174160422.59	558265.2	4160422.59
558265.174160432.59	558265.2	4160432.59
558265.174160442.59	558265.2	4160442.59
558265.174160452.59	558265.2	4160452.59
558265.174160462.59	558265.2	4160462.59
558265.174160472.59	558265.2	4160472.59
558265.174160482.59	558265.2	4160482.59
558265.174160492.59	558265.2	4160492.59
558265.174160502.59	558265.2	4160502.59
558265.174160512.59	558265.2	4160512.59
558265.174160522.59	558265.2	4160522.59
558275.174160362.59	558275.2	4160362.59
558275.174160372.59	558275.2	4160372.59
558275.174160382.59	558275.2	4160382.59
558275.174160372.59	558275.2	4160372.59
558275.174160382.59	558275.2	4160382.59
558275.174160392.59	558275.2	4160392.59
558275.174160402.59	558275.2	4160402.59
558275.174160412.59	558275.2	4160412.59
558275.174160422.59	558275.2	4160422.59
558275.174160432.59	558275.2	4160432.59
558275.174160442.59	558275.2	4160442.59
558275.174160452.59	558275.2	4160452.59
558275.174160462.59	558275.2	4160462.59
558275.174160472.59	558275.2	4160472.59
558275.174160482.59	558275.2	4160482.59
558275.174160492.59	558275.2	4160492.59
558275.174160502.59	558275.2	4160502.59
558275.174160512.59	558275.2	4160512.59
558275.174160522.59	558275.2	4160522.59
558275.174160532.59	558275.2	4160532.59
558285.174160362.59	558285.2	4160362.59
558285.174160372.59	558285.2	4160372.59
558285.174160382.59	558285.2	4160382.59
558285.174160392.59	558285.2	4160392.59
558285.174160402.59	558285.2	4160402.59
558285.174160412.59	558285.2	4160412.59
558285.174160422.59	558285.2	4160422.59
558285.174160432.59	558285.2	4160432.59
558285.174160442.59	558285.2	4160442.59
558285.174160452.59	558285.2	4160452.59
558285.174160462.59	558285.2	4160462.59
558285.174160472.59	558285.2	4160472.59
558285.174160482.59	558285.2	4160482.59
558285.174160492.59	558285.2	4160492.59
558285.174160502.59	558285.2	4160502.59
558285.174160512.59	558285.2	4160512.59
558285.174160522.59	558285.2	4160522.59
558285.174160532.59	558285.2	4160532.59

Worker CONCENTRATIONS & DOSE

XY	X	Y
558295.174160362.59	558295.2	4160362.59
558295.174160372.59	558295.2	4160372.59
558295.174160382.59	558295.2	4160382.59
558295.174160392.59	558295.2	4160392.59
558295.174160402.59	558295.2	4160402.59
558295.174160412.59	558295.2	4160412.59
558295.174160422.59	558295.2	4160422.59
558295.174160432.59	558295.2	4160432.59
558295.174160442.59	558295.2	4160442.59
558295.174160452.59	558295.2	4160452.59
558295.174160462.59	558295.2	4160462.59
558295.174160472.59	558295.2	4160472.59
558295.174160482.59	558295.2	4160482.59
558295.174160492.59	558295.2	4160492.59
558295.174160502.59	558295.2	4160502.59
558295.174160512.59	558295.2	4160512.59
558295.174160522.59	558295.2	4160522.59
558295.174160532.59	558295.2	4160532.59
558305.174160362.59	558305.2	4160362.59
558305.174160372.59	558305.2	4160372.59
558305.174160382.59	558305.2	4160382.59
558305.174160392.59	558305.2	4160392.59
558305.174160402.59	558305.2	4160402.59
558305.174160412.59	558305.2	4160412.59
558305.174160422.59	558305.2	4160422.59
558305.174160432.59	558305.2	4160432.59
558305.174160442.59	558305.2	4160442.59
558305.174160452.59	558305.2	4160452.59
558305.174160462.59	558305.2	4160462.59
558305.174160472.59	558305.2	4160472.59
558305.174160482.59	558305.2	4160482.59
558305.174160492.59	558305.2	4160492.59
558305.174160502.59	558305.2	4160502.59
558305.174160512.59	558305.2	4160512.59
558305.174160522.59	558305.2	4160522.59
558305.174160532.59	558305.2	4160532.59
558315.174160362.59	558315.2	4160362.59
558315.174160372.59	558315.2	4160372.59
558315.174160382.59	558315.2	4160382.59
558315.174160392.59	558315.2	4160392.59
558315.174160402.59	558315.2	4160402.59
558315.174160412.59	558315.2	4160412.59
558315.174160422.59	558315.2	4160422.59
558315.174160432.59	558315.2	4160432.59
558315.174160442.59	558315.2	4160442.59
558315.174160452.59	558315.2	4160452.59
558315.174160462.59	558315.2	4160462.59
558315.174160472.59	558315.2	4160472.59
558315.174160482.59	558315.2	4160482.59
558315.174160492.59	558315.2	4160492.59
558315.174160502.59	558315.2	4160502.59
558315.174160512.59	558315.2	4160512.59
558315.174160522.59	558315.2	4160522.59
558315.174160532.59	558315.2	4160532.59
558325.174160362.59	558325.2	4160362.59
558325.174160372.59	558325.2	4160372.59
558325.174160382.59	558325.2	4160382.59
558325.174160392.59	558325.2	4160392.59
558325.174160402.59	558325.2	4160402.59
558325.174160412.59	558325.2	4160412.59
558325.174160422.59	558325.2	4160422.59
558325.174160432.59	558325.2	4160432.59
558325.174160442.59	558325.2	4160442.59

Worker CONCENTRATIONS & DOSE

XY	X	Y
558325.174160452.59	558325.2	4160452.59
558325.174160462.59	558325.2	4160462.59
558325.174160472.59	558325.2	4160472.59
558325.174160482.59	558325.2	4160482.59
558325.174160492.59	558325.2	4160492.59
558325.174160502.59	558325.2	4160502.59
558325.174160512.59	558325.2	4160512.59
558325.174160522.59	558325.2	4160522.59
558325.174160532.59	558325.2	4160532.59
558335.174160362.59	558335.2	4160362.59
558335.174160372.59	558335.2	4160372.59
558335.174160382.59	558335.2	4160382.59
558335.174160392.59	558335.2	4160392.59
558335.174160402.59	558335.2	4160402.59
558335.174160412.59	558335.2	4160412.59
558335.174160422.59	558335.2	4160422.59
558335.174160432.59	558335.2	4160432.59
558335.174160442.59	558335.2	4160442.59
558335.174160452.59	558335.2	4160452.59
558335.174160462.59	558335.2	4160462.59
558335.174160472.59	558335.2	4160472.59
558335.174160482.59	558335.2	4160482.59
558335.174160492.59	558335.2	4160492.59
558335.174160502.59	558335.2	4160502.59
558335.174160512.59	558335.2	4160512.59
558335.174160522.59	558335.2	4160522.59
558335.174160532.59	558335.2	4160532.59
558345.174160362.59	558345.2	4160362.59
558345.174160372.59	558345.2	4160372.59
558345.174160382.59	558345.2	4160382.59
558345.174160372.59	558345.2	4160372.59
558345.174160382.59	558345.2	4160382.59
558345.174160392.59	558345.2	4160392.59
558345.174160402.59	558345.2	4160402.59
558345.174160412.59	558345.2	4160412.59
558345.174160422.59	558345.2	4160422.59
558345.174160432.59	558345.2	4160432.59
558345.174160442.59	558345.2	4160442.59
558345.174160452.59	558345.2	4160452.59
558345.174160462.59	558345.2	4160462.59
558345.174160472.59	558345.2	4160472.59
558345.174160482.59	558345.2	4160482.59
558345.174160492.59	558345.2	4160492.59
558345.174160502.59	558345.2	4160502.59
558345.174160512.59	558345.2	4160512.59
558345.174160522.59	558345.2	4160522.59
558345.174160532.59	558345.2	4160532.59
558355.174160362.59	558355.2	4160362.59
558355.174160372.59	558355.2	4160372.59
558355.174160382.59	558355.2	4160382.59
558355.174160392.59	558355.2	4160392.59
558355.174160402.59	558355.2	4160402.59
558355.174160412.59	558355.2	4160412.59
558355.174160422.59	558355.2	4160422.59
558355.174160432.59	558355.2	4160432.59
558355.174160442.59	558355.2	4160442.59
558355.174160452.59	558355.2	4160452.59
558355.174160462.59	558355.2	4160462.59
558355.174160472.59	558355.2	4160472.59
558355.174160482.59	558355.2	4160482.59
558355.174160492.59	558355.2	4160492.59
558355.174160502.59	558355.2	4160502.59
558355.174160512.59	558355.2	4160512.59
558355.174160522.59	558355.2	4160522.59
558355.174160532.59	558355.2	4160532.59

Worker CONCENTRATIONS & DOSE

XY	X	Y
558365.174160362.59	558365.2	4160362.59
558365.174160372.59	558365.2	4160372.59
558365.174160382.59	558365.2	4160382.59
558365.174160392.59	558365.2	4160392.59
558365.174160402.59	558365.2	4160402.59
558365.174160412.59	558365.2	4160412.59
558365.174160422.59	558365.2	4160422.59
558365.174160432.59	558365.2	4160432.59
558365.174160442.59	558365.2	4160442.59
558365.174160452.59	558365.2	4160452.59
558365.174160462.59	558365.2	4160462.59
558365.174160472.59	558365.2	4160472.59
558365.174160482.59	558365.2	4160482.59
558365.174160492.59	558365.2	4160492.59
558365.174160502.59	558365.2	4160502.59
558365.174160512.59	558365.2	4160512.59
558365.174160522.59	558365.2	4160522.59
558365.174160532.59	558365.2	4160532.59
558375.174160362.59	558375.2	4160362.59
558375.174160372.59	558375.2	4160372.59
558375.174160382.59	558375.2	4160382.59
558375.174160392.59	558375.2	4160392.59
558375.174160402.59	558375.2	4160402.59
558375.174160412.59	558375.2	4160412.59
558375.174160422.59	558375.2	4160422.59
558375.174160432.59	558375.2	4160432.59
558375.174160442.59	558375.2	4160442.59
558375.174160452.59	558375.2	4160452.59
558375.174160462.59	558375.2	4160462.59
558375.174160472.59	558375.2	4160472.59
558375.174160482.59	558375.2	4160482.59
558375.174160492.59	558375.2	4160492.59
558375.174160502.59	558375.2	4160502.59
558375.174160512.59	558375.2	4160512.59
558375.174160522.59	558375.2	4160522.59
558375.174160532.59	558375.2	4160532.59
558385.174160362.59	558385.2	4160362.59
558385.174160372.59	558385.2	4160372.59
558385.174160382.59	558385.2	4160382.59
558385.174160392.59	558385.2	4160392.59
558385.174160402.59	558385.2	4160402.59
558385.174160412.59	558385.2	4160412.59
558385.174160422.59	558385.2	4160422.59
558385.174160432.59	558385.2	4160432.59
558385.174160442.59	558385.2	4160442.59
558385.174160452.59	558385.2	4160452.59
558385.174160462.59	558385.2	4160462.59
558385.174160472.59	558385.2	4160472.59
558385.174160482.59	558385.2	4160482.59
558385.174160492.59	558385.2	4160492.59
558385.174160502.59	558385.2	4160502.59
558385.174160512.59	558385.2	4160512.59
558385.174160522.59	558385.2	4160522.59
558385.174160532.59	558385.2	4160532.59
558395.174160362.59	558395.2	4160362.59
558395.174160372.59	558395.2	4160372.59
558395.174160382.59	558395.2	4160382.59
558395.174160392.59	558395.2	4160392.59
558395.174160402.59	558395.2	4160402.59
558395.174160412.59	558395.2	4160412.59
558395.174160422.59	558395.2	4160422.59
558395.174160432.59	558395.2	4160432.59
558395.174160442.59	558395.2	4160442.59

Worker CONCENTRATIONS & DOSE

XY	X	Y
558395.174160452.59	558395.2	4160452.59
558395.174160462.59	558395.2	4160462.59
558395.174160472.59	558395.2	4160472.59
558395.174160482.59	558395.2	4160482.59
558395.174160492.59	558395.2	4160492.59
558395.174160502.59	558395.2	4160502.59
558395.174160512.59	558395.2	4160512.59
558477.664160568.94	558477.7	4160568.94
558477.664160578.94	558477.7	4160578.94
558477.664160588.94	558477.7	4160588.94
558477.664160598.94	558477.7	4160598.94
558487.664160568.94	558487.7	4160568.94
558487.664160578.94	558487.7	4160578.94
558487.664160588.94	558487.7	4160588.94
558487.664160598.94	558487.7	4160598.94
558497.664160568.94	558497.7	4160568.94
558497.664160578.94	558497.7	4160578.94
558497.664160588.94	558497.7	4160588.94
558497.664160598.94	558497.7	4160598.94
558507.664160568.94	558507.7	4160568.94
558507.664160578.94	558507.7	4160578.94
558507.664160588.94	558507.7	4160588.94
558507.664160598.94	558507.7	4160598.94
558517.664160568.94	558517.7	4160568.94
558517.664160578.94	558517.7	4160578.94
558517.664160588.94	558517.7	4160588.94
558517.664160598.94	558517.7	4160598.94
558527.664160568.94	558527.7	4160568.94
558527.664160578.94	558527.7	4160578.94
558527.664160588.94	558527.7	4160588.94
558527.664160598.94	558527.7	4160598.94
558537.664160568.94	558537.7	4160568.94
558537.664160578.94	558537.7	4160578.94
558537.664160588.94	558537.7	4160588.94
558537.664160598.94	558537.7	4160598.94
558547.664160568.94	558547.7	4160568.94
558547.664160578.94	558547.7	4160578.94
558547.664160588.94	558547.7	4160588.94
558557.664160568.94	558557.7	4160568.94
558600.644160569.24	558600.6	4160569.24
558600.644160579.24	558600.6	4160579.24
558600.644160589.24	558600.6	4160589.24
558600.644160599.24	558600.6	4160599.24
558610.644160569.24	558610.6	4160569.24
558610.644160579.24	558610.6	4160579.24
558610.644160589.24	558610.6	4160589.24
558610.644160599.24	558610.6	4160599.24
558620.644160569.24	558620.6	4160569.24
558620.644160579.24	558620.6	4160579.24
558620.644160589.24	558620.6	4160589.24
558620.644160599.24	558620.6	4160599.24
558630.644160569.24	558630.6	4160569.24
558630.644160579.24	558630.6	4160579.24
558630.644160589.24	558630.6	4160589.24
558630.644160599.24	558630.6	4160599.24
558640.644160569.24	558640.6	4160569.24
558640.644160579.24	558640.6	4160579.24
558640.644160589.24	558640.6	4160589.24
558640.644160599.24	558640.6	4160599.24
558650.644160569.24	558650.6	4160569.24
558650.644160579.24	558650.6	4160579.24
558650.644160589.24	558650.6	4160589.24
558650.644160599.24	558650.6	4160599.24

Worker CONCENTRATIONS & DOSE

XY	X	Y
558660.644160569.24	558660.6	4160569.24
558660.644160579.24	558660.6	4160579.24
558660.644160589.24	558660.6	4160589.24
558660.644160599.24	558660.6	4160599.24
558670.644160569.24	558670.6	4160569.24
558670.644160579.24	558670.6	4160579.24
558670.644160589.24	558670.6	4160589.24
558495.44160499.48	558495.4	4160499.48
558495.44160509.48	558495.4	4160509.48
558495.44160519.48	558495.4	4160519.48
558495.44160529.48	558495.4	4160529.48
558505.44160499.48	558505.4	4160499.48
558505.44160509.48	558505.4	4160509.48
558505.44160519.48	558505.4	4160519.48
558505.44160529.48	558505.4	4160529.48
558515.44160499.48	558515.4	4160499.48
558515.44160509.48	558515.4	4160509.48
558515.44160519.48	558515.4	4160519.48
558515.44160529.48	558515.4	4160529.48
558525.44160499.48	558525.4	4160499.48
558525.44160509.48	558525.4	4160509.48
558525.44160519.48	558525.4	4160519.48
558525.44160529.48	558525.4	4160529.48
558535.44160499.48	558535.4	4160499.48
558535.44160509.48	558535.4	4160509.48
558535.44160519.48	558535.4	4160519.48
558535.44160529.48	558535.4	4160529.48
558545.44160499.48	558545.4	4160499.48
558545.44160509.48	558545.4	4160509.48
558545.44160519.48	558545.4	4160519.48
558545.44160529.48	558545.4	4160529.48
558555.44160499.48	558555.4	4160499.48
558555.44160509.48	558555.4	4160509.48
558555.44160519.48	558555.4	4160519.48
558555.44160529.48	558555.4	4160529.48
558565.44160499.48	558565.4	4160499.48
558565.44160509.48	558565.4	4160509.48
558565.44160519.48	558565.4	4160519.48
558565.44160529.48	558565.4	4160529.48
558618.984160498.88	558619	4160498.88
558618.984160508.88	558619	4160508.88
558618.984160518.88	558619	4160518.88
558618.984160528.88	558619	4160528.88
558628.984160498.88	558629	4160498.88
558628.984160508.88	558629	4160508.88
558628.984160518.88	558629	4160518.88
558628.984160528.88	558629	4160528.88
558638.984160498.88	558639	4160498.88
558638.984160508.88	558639	4160508.88
558638.984160518.88	558639	4160518.88
558638.984160528.88	558639	4160528.88
558648.984160498.88	558649	4160498.88
558648.984160508.88	558649	4160508.88
558648.984160518.88	558649	4160518.88
558648.984160528.88	558649	4160528.88
558658.984160498.88	558659	4160498.88
558658.984160508.88	558659	4160508.88
558658.984160518.88	558659	4160518.88
558658.984160528.88	558659	4160528.88
558668.984160498.88	558669	4160498.88
558668.984160508.88	558669	4160508.88
558668.984160518.88	558669	4160518.88
558668.984160528.88	558669	4160528.88

Worker CONCENTRATIONS & DOSE

XY	X	Y
558678.984160498.88	558679	4160498.88
558678.984160508.88	558679	4160508.88
558678.984160518.88	558679	4160518.88
558678.984160528.88	558679	4160528.88
558688.984160498.88	558689	4160498.88
558688.984160508.88	558689	4160508.88
558688.984160518.88	558689	4160518.88
558444.414160372.35	558444.4	4160372.35
558454.414160382.35	558454.4	4160382.35
558454.414160392.35	558454.4	4160392.35
558454.414160402.35	558454.4	4160402.35
558464.414160382.35	558464.4	4160382.35
558464.414160392.35	558464.4	4160392.35
558464.414160402.35	558464.4	4160402.35
558474.414160382.35	558474.4	4160382.35
558474.414160392.35	558474.4	4160392.35
558474.414160402.35	558474.4	4160402.35
558484.414160382.35	558484.4	4160382.35
558484.414160392.35	558484.4	4160392.35
558484.414160402.35	558484.4	4160402.35
558494.414160382.35	558494.4	4160382.35
558494.414160392.35	558494.4	4160392.35
558494.414160402.35	558494.4	4160402.35
558504.414160382.35	558504.4	4160382.35
558504.414160392.35	558504.4	4160392.35
558504.414160402.35	558504.4	4160402.35
558514.414160382.35	558514.4	4160382.35
558514.414160392.35	558514.4	4160392.35
558514.414160402.35	558514.4	4160402.35
558524.414160392.35	558524.4	4160392.35
558524.414160402.35	558524.4	4160402.35
558581.824160392.36	558581.8	4160392.36
558581.824160402.36	558581.8	4160402.36
558581.824160412.36	558581.8	4160412.36
558581.824160422.36	558581.8	4160422.36
558591.824160392.36	558591.8	4160392.36
558591.824160402.36	558591.8	4160402.36
558591.824160412.36	558591.8	4160412.36
558591.824160422.36	558591.8	4160422.36
558601.824160382.36	558601.8	4160382.36
558601.824160392.36	558601.8	4160392.36
558601.824160402.36	558601.8	4160402.36
558601.824160412.36	558601.8	4160412.36
558601.824160422.36	558601.8	4160422.36
558611.824160382.36	558611.8	4160382.36
558611.824160392.36	558611.8	4160392.36
558611.824160402.36	558611.8	4160402.36
558611.824160412.36	558611.8	4160412.36
558611.824160422.36	558611.8	4160422.36
558621.824160382.36	558621.8	4160382.36
558621.824160392.36	558621.8	4160392.36
558621.824160402.36	558621.8	4160402.36
558621.824160412.36	558621.8	4160412.36
558621.824160422.36	558621.8	4160422.36
558631.824160382.36	558631.8	4160382.36
558631.824160392.36	558631.8	4160392.36
558631.824160402.36	558631.8	4160402.36
558641.824160382.36	558641.8	4160382.36
558641.824160392.36	558641.8	4160392.36
558641.824160402.36	558641.8	4160402.36
558651.824160382.36	558651.8	4160382.36
558651.824160392.36	558651.8	4160392.36
558651.824160402.36	558651.8	4160402.36

Worker CONCENTRATIONS & DOSE

XY	X	Y
558661.824160382.36	558661.8	4160382.36
558661.824160392.36	558661.8	4160392.36
558661.824160402.36	558661.8	4160402.36
558671.824160362.36	558671.8	4160362.36
558671.824160372.36	558671.8	4160372.36
558671.824160382.36	558671.8	4160382.36
558671.824160392.36	558671.8	4160392.36
558671.824160402.36	558671.8	4160402.36
558681.824160362.36	558681.8	4160362.36
558681.824160372.36	558681.8	4160372.36
558681.824160382.36	558681.8	4160382.36
558681.824160392.36	558681.8	4160392.36
558681.824160402.36	558681.8	4160402.36
558691.824160362.36	558691.8	4160362.36
558691.824160372.36	558691.8	4160372.36
558691.824160382.36	558691.8	4160382.36
558691.824160392.36	558691.8	4160392.36
558691.824160402.36	558691.8	4160402.36
558701.824160362.36	558701.8	4160362.36
558701.824160372.36	558701.8	4160372.36
558701.824160382.36	558701.8	4160382.36
558701.824160392.36	558701.8	4160392.36
558701.824160402.36	558701.8	4160402.36
558711.824160362.36	558711.8	4160362.36
558711.824160372.36	558711.8	4160372.36
558711.824160382.36	558711.8	4160382.36
558711.824160392.36	558711.8	4160392.36
558711.824160402.36	558711.8	4160402.36
558721.824160362.36	558721.8	4160362.36
558721.824160372.36	558721.8	4160372.36
558721.824160382.36	558721.8	4160382.36
558721.824160392.36	558721.8	4160392.36
558721.824160402.36	558721.8	4160402.36
558690.094160295.24	558690.1	4160295.24
558690.094160305.24	558690.1	4160305.24
558690.094160315.24	558690.1	4160315.24
558690.094160325.24	558690.1	4160325.24
558690.094160335.24	558690.1	4160335.24
558700.094160295.24	558700.1	4160295.24
558700.094160305.24	558700.1	4160305.24
558700.094160315.24	558700.1	4160315.24
558700.094160325.24	558700.1	4160325.24
558700.094160335.24	558700.1	4160335.24
558710.094160295.24	558710.1	4160295.24
558710.094160305.24	558710.1	4160305.24
558710.094160315.24	558710.1	4160315.24
558710.094160325.24	558710.1	4160325.24
558710.094160335.24	558710.1	4160335.24
558720.094160295.24	558720.1	4160295.24
558720.094160305.24	558720.1	4160305.24
558720.094160315.24	558720.1	4160315.24
558720.094160325.24	558720.1	4160325.24
558612.684160297.32	558612.7	4160297.32
558612.684160307.32	558612.7	4160307.32
558612.684160317.32	558612.7	4160317.32
558612.684160327.32	558612.7	4160327.32
558612.684160337.32	558612.7	4160337.32
558622.684160297.32	558622.7	4160297.32
558622.684160307.32	558622.7	4160307.32
558622.684160317.32	558622.7	4160317.32
558622.684160327.32	558622.7	4160327.32
558622.684160337.32	558622.7	4160337.32
558632.684160297.32	558632.7	4160297.32

Worker CONCENTRATIONS & DOSE

XY	X	Y
558632.684160307.32	558632.7	4160307.32
558632.684160317.32	558632.7	4160317.32
558632.684160327.32	558632.7	4160327.32
558632.684160337.32	558632.7	4160337.32
558642.684160297.32	558642.7	4160297.32
558642.684160307.32	558642.7	4160307.32
558642.684160317.32	558642.7	4160317.32
558642.684160327.32	558642.7	4160327.32
558642.684160337.32	558642.7	4160337.32
558652.684160297.32	558652.7	4160297.32
558652.684160307.32	558652.7	4160307.32
558652.684160317.32	558652.7	4160317.32
558652.684160327.32	558652.7	4160327.32
558652.684160337.32	558652.7	4160337.32
558662.684160297.32	558662.7	4160297.32
558662.684160307.32	558662.7	4160307.32
558662.684160317.32	558662.7	4160317.32
558662.684160327.32	558662.7	4160327.32
558662.684160337.32	558662.7	4160337.32
558672.684160297.32	558672.7	4160297.32
558672.684160307.32	558672.7	4160307.32
558672.684160317.32	558672.7	4160317.32
558672.684160327.32	558672.7	4160327.32
558672.684160337.32	558672.7	4160337.32
558543.584160290.65	558543.6	4160290.65
558553.584160300.65	558553.6	4160300.65
558553.584160310.65	558553.6	4160310.65
558553.584160320.65	558553.6	4160320.65
558553.584160330.65	558553.6	4160330.65
558563.584160300.65	558563.6	4160300.65
558563.584160310.65	558563.6	4160310.65
558563.584160320.65	558563.6	4160320.65
558563.584160330.65	558563.6	4160330.65
558573.584160300.65	558573.6	4160300.65
558573.584160310.65	558573.6	4160310.65
558573.584160320.65	558573.6	4160320.65
558573.584160330.65	558573.6	4160330.65
558583.584160300.65	558583.6	4160300.65
558583.584160310.65	558583.6	4160310.65
558583.584160320.65	558583.6	4160320.65
558583.584160330.65	558583.6	4160330.65
558593.584160330.65	558593.6	4160330.65
558455.354160303.56	558455.4	4160303.56
558455.354160313.56	558455.4	4160313.56
558455.354160323.56	558455.4	4160323.56
558455.354160333.56	558455.4	4160333.56
558455.354160343.56	558455.4	4160343.56
558465.354160303.56	558465.4	4160303.56
558465.354160313.56	558465.4	4160313.56
558465.354160323.56	558465.4	4160323.56
558465.354160333.56	558465.4	4160333.56
558465.354160343.56	558465.4	4160343.56
558475.354160303.56	558475.4	4160303.56
558475.354160313.56	558475.4	4160313.56
558475.354160323.56	558475.4	4160323.56
558475.354160333.56	558475.4	4160333.56
558475.354160343.56	558475.4	4160343.56
558485.354160303.56	558485.4	4160303.56
558485.354160313.56	558485.4	4160313.56
558485.354160323.56	558485.4	4160323.56
558485.354160333.56	558485.4	4160333.56
558485.354160343.56	558485.4	4160343.56
558495.354160303.56	558495.4	4160303.56

Worker CONCENTRATIONS & DOSE

XY	X	Y
558495.354160313.56	558495.4	4160313.56
558495.354160323.56	558495.4	4160323.56
558495.354160333.56	558495.4	4160333.56
558495.354160343.56	558495.4	4160343.56
558505.354160303.56	558505.4	4160303.56
558505.354160313.56	558505.4	4160313.56
558505.354160323.56	558505.4	4160323.56
558505.354160333.56	558505.4	4160333.56
558515.354160303.56	558515.4	4160303.56
558515.354160313.56	558515.4	4160313.56
558515.354160323.56	558515.4	4160323.56
558515.354160333.56	558515.4	4160333.56
558525.354160303.56	558525.4	4160303.56
558525.354160313.56	558525.4	4160313.56
558525.354160323.56	558525.4	4160323.56
558525.354160333.56	558525.4	4160333.56
558535.354160303.56	558535.4	4160303.56
558535.354160313.56	558535.4	4160313.56
558535.354160323.56	558535.4	4160323.56
558535.354160333.56	558535.4	4160333.56
558616.674160229.97	558616.7	4160229.97
558616.674160239.97	558616.7	4160239.97
558616.674160249.97	558616.7	4160249.97
558626.674160229.97	558626.7	4160229.97
558626.674160239.97	558626.7	4160239.97
558626.674160249.97	558626.7	4160249.97
558636.674160229.97	558636.7	4160229.97
558636.674160239.97	558636.7	4160239.97
558636.674160249.97	558636.7	4160249.97
558646.674160229.97	558646.7	4160229.97
558646.674160239.97	558646.7	4160239.97
558646.674160249.97	558646.7	4160249.97
558656.674160229.97	558656.7	4160229.97
558656.674160239.97	558656.7	4160239.97
558666.674160229.97	558666.7	4160229.97
558666.674160239.97	558666.7	4160239.97
558676.674160229.97	558676.7	4160229.97
558676.674160239.97	558676.7	4160239.97
558686.674160229.97	558686.7	4160229.97
558686.674160239.97	558686.7	4160239.97
558696.674160229.97	558696.7	4160229.97
558696.674160239.97	558696.7	4160239.97
558706.674160229.97	558706.7	4160229.97
558706.674160239.97	558706.7	4160239.97
558716.674160229.97	558716.7	4160229.97
558716.674160239.97	558716.7	4160239.97
558420.214160235.8	558420.2	4160235.8
558420.214160245.8	558420.2	4160245.8
558420.214160255.8	558420.2	4160255.8
558430.214160235.8	558430.2	4160235.8
558430.214160245.8	558430.2	4160245.8
558430.214160255.8	558430.2	4160255.8
558440.214160235.8	558440.2	4160235.8
558440.214160245.8	558440.2	4160245.8
558440.214160255.8	558440.2	4160255.8
558450.214160235.8	558450.2	4160235.8
558450.214160245.8	558450.2	4160245.8
558450.214160255.8	558450.2	4160255.8
558460.214160235.8	558460.2	4160235.8
558460.214160245.8	558460.2	4160245.8
558460.214160255.8	558460.2	4160255.8
558470.214160235.8	558470.2	4160235.8
558470.214160245.8	558470.2	4160245.8

Worker CONCENTRATIONS & DOSE

XY	X	Y
558470.214160255.8	558470.2	4160255.8
558480.214160235.8	558480.2	4160235.8
558480.214160245.8	558480.2	4160245.8
558480.214160255.8	558480.2	4160255.8
558490.214160235.8	558490.2	4160235.8
558490.214160245.8	558490.2	4160245.8
558490.214160255.8	558490.2	4160255.8
558500.214160235.8	558500.2	4160235.8
558500.214160245.8	558500.2	4160245.8
558500.214160255.8	558500.2	4160255.8
558510.214160235.8	558510.2	4160235.8
558510.214160245.8	558510.2	4160245.8
558510.214160255.8	558510.2	4160255.8
558520.214160235.8	558520.2	4160235.8
558520.214160245.8	558520.2	4160245.8
558520.214160255.8	558520.2	4160255.8
558530.214160235.8	558530.2	4160235.8
558530.214160245.8	558530.2	4160245.8
558530.214160255.8	558530.2	4160255.8
558540.214160235.8	558540.2	4160235.8
558540.214160245.8	558540.2	4160245.8
558540.214160255.8	558540.2	4160255.8
558550.214160235.8	558550.2	4160235.8
558550.214160245.8	558550.2	4160245.8
558550.214160255.8	558550.2	4160255.8
558560.214160235.8	558560.2	4160235.8
558560.214160245.8	558560.2	4160245.8
558560.214160255.8	558560.2	4160255.8
558570.214160235.8	558570.2	4160235.8
558570.214160245.8	558570.2	4160245.8
558570.214160255.8	558570.2	4160255.8
558580.214160235.8	558580.2	4160235.8
558580.214160245.8	558580.2	4160245.8
558590.214160235.8	558590.2	4160235.8
558590.214160245.8	558590.2	4160245.8
558600.214160245.8	558600.2	4160245.8

			Q	V
Worker CONCENTRATIONS & DOSE			**16<30**	
			Dose (mg/kg-day)	
XY	**X**	**Y**	**OFFROAD**	**ONROAD**
557996.384160720.52	557996.4	4160720.52	9.45E-06	1.29E-09
557996.384160730.52	557996.4	4160730.52	9.31E-06	1.29E-09
557996.384160740.52	557996.4	4160740.52	9.04E-06	1.28E-09
558006.384160710.52	558006.4	4160710.52	1.08E-05	1.34E-09
558006.384160720.52	558006.4	4160720.52	1.07E-05	1.34E-09
558006.384160730.52	558006.4	4160730.52	1.04E-05	1.33E-09
558006.384160740.52	558006.4	4160740.52	1.02E-05	1.32E-09
558016.384160710.52	558016.4	4160710.52	1.23E-05	1.39E-09
558016.384160720.52	558016.4	4160720.52	1.21E-05	1.38E-09
558016.384160730.52	558016.4	4160730.52	1.18E-05	1.37E-09
558016.384160740.52	558016.4	4160740.52	1.14E-05	1.36E-09
558026.384160710.52	558026.4	4160710.52	1.40E-05	1.44E-09
558026.384160720.52	558026.4	4160720.52	1.38E-05	1.43E-09
558026.384160730.52	558026.4	4160730.52	1.34E-05	1.42E-09
558026.384160740.52	558026.4	4160740.52	1.29E-05	1.41E-09
558277.534160581.24	558277.5	4160581.24	3.71E-05	7.06E-09
558277.534160591.24	558277.5	4160591.24	4.48E-05	7.25E-09
558287.534160581.24	558287.5	4160581.24	3.62E-05	7.97E-09
558287.534160591.24	558287.5	4160591.24	4.31E-05	8.23E-09
558297.534160581.24	558297.5	4160581.24	3.50E-05	9.08E-09
558297.534160591.24	558297.5	4160591.24	4.15E-05	9.46E-09
558307.534160581.24	558307.5	4160581.24	3.34E-05	1.04E-08
558307.534160591.24	558307.5	4160591.24	3.99E-05	1.10E-08
558317.534160581.24	558317.5	4160581.24	3.21E-05	1.21E-08
558317.534160591.24	558317.5	4160591.24	3.83E-05	1.30E-08
558327.534160581.24	558327.5	4160581.24	3.07E-05	1.39E-08
558327.534160591.24	558327.5	4160591.24	3.68E-05	1.54E-08
558337.534160581.24	558337.5	4160581.24	2.91E-05	1.58E-08
558101.054160547.13	558101.1	4160547.13	1.65E-05	2.05E-09
558101.054160557.13	558101.1	4160557.13	1.80E-05	2.06E-09
558111.054160547.13	558111.1	4160547.13	1.75E-05	2.14E-09
558111.054160557.13	558111.1	4160557.13	1.92E-05	2.16E-09
558111.054160567.13	558111.1	4160567.13	2.11E-05	2.17E-09
558121.054160537.13	558121.1	4160537.13	1.69E-05	2.23E-09
558121.054160547.13	558121.1	4160547.13	1.86E-05	2.25E-09
558121.054160557.13	558121.1	4160557.13	2.05E-05	2.26E-09
558121.054160567.13	558121.1	4160567.13	2.26E-05	2.27E-09
558121.054160577.13	558121.1	4160577.13	2.51E-05	2.28E-09
558121.054160587.13	558121.1	4160587.13	2.79E-05	2.28E-09
558131.054160527.13	558131.1	4160527.13	1.61E-05	2.32E-09
558131.054160537.13	558131.1	4160537.13	1.78E-05	2.34E-09
558131.054160547.13	558131.1	4160547.13	1.96E-05	2.36E-09
558131.054160557.13	558131.1	4160557.13	2.17E-05	2.37E-09
558131.054160567.13	558131.1	4160567.13	2.41E-05	2.39E-09
558131.054160577.13	558131.1	4160577.13	2.69E-05	2.40E-09
558131.054160587.13	558131.1	4160587.13	3.01E-05	2.40E-09
558131.054160597.13	558131.1	4160597.13	3.38E-05	2.40E-09
558141.054160527.13	558141.1	4160527.13	1.68E-05	2.44E-09
558141.054160537.13	558141.1	4160537.13	1.86E-05	2.46E-09
558141.054160547.13	558141.1	4160547.13	2.06E-05	2.48E-09
558141.054160557.13	558141.1	4160557.13	2.30E-05	2.50E-09
558141.054160567.13	558141.1	4160567.13	2.57E-05	2.51E-09
558141.054160577.13	558141.1	4160577.13	2.89E-05	2.52E-09
558141.054160587.13	558141.1	4160587.13	3.25E-05	2.53E-09
558141.054160597.13	558141.1	4160597.13	3.66E-05	2.53E-09
558141.054160607.13	558141.1	4160607.13	4.14E-05	2.53E-09
558151.054160537.13	558151.1	4160537.13	1.94E-05	2.59E-09
558151.054160547.13	558151.1	4160547.13	2.16E-05	2.61E-09
558151.054160557.13	558151.1	4160557.13	2.42E-05	2.63E-09
558151.054160567.13	558151.1	4160567.13	2.73E-05	2.65E-09
558151.054160577.13	558151.1	4160577.13	3.09E-05	2.66E-09
558151.054160587.13	558151.1	4160587.13	3.49E-05	2.67E-09
558151.054160597.13	558151.1	4160597.13	4.01E-05	2.67E-09

			Q	V
Worker CONCENTRATIONS & DOSE			**16<30**	
			Dose (mg/kg-day)	
XY	**X**	**Y**	**OFFROAD**	**ONROAD**
558151.054160607.13	558151.1	4160607.13	4.59E-05	2.67E-09
558151.054160617.13	558151.1	4160617.13	5.24E-05	2.66E-09
558161.054160547.13	558161.1	4160547.13	2.27E-05	2.76E-09
558161.054160557.13	558161.1	4160557.13	2.55E-05	2.78E-09
558161.054160567.13	558161.1	4160567.13	2.89E-05	2.80E-09
558161.054160577.13	558161.1	4160577.13	3.29E-05	2.81E-09
558161.054160587.13	558161.1	4160587.13	3.75E-05	2.82E-09
558161.054160597.13	558161.1	4160597.13	4.39E-05	2.83E-09
558161.054160607.13	558161.1	4160607.13	5.02E-05	2.82E-09
558171.054160557.13	558171.1	4160557.13	2.69E-05	2.94E-09
558171.054160567.13	558171.1	4160567.13	3.04E-05	2.96E-09
558171.054160577.13	558171.1	4160577.13	3.49E-05	2.98E-09
558171.054160587.13	558171.1	4160587.13	4.01E-05	2.99E-09
558171.054160597.13	558171.1	4160597.13	4.75E-05	3.00E-09
558181.054160567.13	558181.1	4160567.13	3.21E-05	3.14E-09
558181.054160577.13	558181.1	4160577.13	3.68E-05	3.16E-09
558181.054160587.13	558181.1	4160587.13	4.28E-05	3.18E-09
558191.054160577.13	558191.1	4160577.13	3.84E-05	3.36E-09
558368.544160582.33	558368.5	4160582.33	2.56E-05	2.20E-08
558378.544160582.33	558378.5	4160582.33	2.43E-05	2.32E-08
558378.544160592.33	558378.5	4160592.33	2.75E-05	2.83E-08
558378.544160602.33	558378.5	4160602.33	3.10E-05	3.46E-08
558378.544160612.33	558378.5	4160612.33	3.61E-05	4.63E-08
558388.544160582.33	558388.5	4160582.33	2.27E-05	2.43E-08
558388.544160592.33	558388.5	4160592.33	2.55E-05	2.99E-08
558388.544160602.33	558388.5	4160602.33	2.86E-05	3.68E-08
558388.544160612.33	558388.5	4160612.33	3.32E-05	3.27E-08
558398.544160582.33	558398.5	4160582.33	2.10E-05	2.57E-08
558398.544160592.33	558398.5	4160592.33	2.35E-05	3.09E-08
558398.544160602.33	558398.5	4160602.33	2.64E-05	3.89E-08
558398.544160612.33	558398.5	4160612.33	3.04E-05	3.63E-08
558186.784160496.28	558186.8	4160496.28	1.28E-05	2.98E-09
558186.784160506.28	558186.8	4160506.28	1.41E-05	3.00E-09
558196.784160496.28	558196.8	4160496.28	1.29E-05	3.17E-09
558196.784160506.28	558196.8	4160506.28	1.41E-05	3.19E-09
558196.784160516.28	558196.8	4160516.28	1.56E-05	3.22E-09
558196.784160526.28	558196.8	4160526.28	1.77E-05	3.27E-09
558206.784160506.28	558206.8	4160506.28	1.41E-05	3.41E-09
558206.784160516.28	558206.8	4160516.28	1.57E-05	3.45E-09
558206.784160526.28	558206.8	4160526.28	1.76E-05	3.49E-09
558206.784160536.28	558206.8	4160536.28	2.01E-05	3.54E-09
558216.784160516.28	558216.8	4160516.28	1.55E-05	3.69E-09
558216.784160526.28	558216.8	4160526.28	1.74E-05	3.75E-09
558216.784160536.28	558216.8	4160536.28	1.97E-05	3.79E-09
558216.784160546.28	558216.8	4160546.28	2.25E-05	3.84E-09
558226.784160526.28	558226.8	4160526.28	1.71E-05	4.02E-09
558226.784160536.28	558226.8	4160536.28	1.94E-05	4.08E-09
558226.784160546.28	558226.8	4160546.28	2.23E-05	4.14E-09
558236.784160536.28	558236.8	4160536.28	1.89E-05	4.40E-09
558115.174160402.59	558115.2	4160402.59	5.95E-06	1.91E-09
558115.174160412.59	558115.2	4160412.59	6.35E-06	1.94E-09
558115.174160422.59	558115.2	4160422.59	6.78E-06	1.95E-09
558115.174160432.59	558115.2	4160432.59	7.26E-06	1.98E-09
558115.174160442.59	558115.2	4160442.59	7.78E-06	2.00E-09
558125.174160392.59	558125.2	4160392.59	5.63E-06	1.97E-09
558125.174160402.59	558125.2	4160402.59	6.01E-06	2.00E-09
558125.174160412.59	558125.2	4160412.59	6.43E-06	2.02E-09
558125.174160422.59	558125.2	4160422.59	6.88E-06	2.04E-09
558125.174160432.59	558125.2	4160432.59	7.38E-06	2.06E-09
558125.174160442.59	558125.2	4160442.59	7.93E-06	2.08E-09
558135.174160372.59	558135.2	4160372.59	4.98E-06	2.00E-09
558135.174160382.59	558135.2	4160382.59	5.30E-06	2.03E-09
558135.174160392.59	558135.2	4160392.59	5.66E-06	2.06E-09

			Q	V
Worker CONCENTRATIONS & DOSE			**16<30**	
			Dose (mg/kg-day)	
XY	**X**	**Y**	**OFFROAD**	**ONROAD**
558135.174160402.59	558135.2	4160402.59	6.05E-06	2.08E-09
558135.174160412.59	558135.2	4160412.59	6.48E-06	2.10E-09
558135.174160422.59	558135.2	4160422.59	6.95E-06	2.13E-09
558135.174160432.59	558135.2	4160432.59	7.47E-06	2.15E-09
558135.174160442.59	558135.2	4160442.59	8.04E-06	2.18E-09
558145.174160372.59	558145.2	4160372.59	4.98E-06	2.09E-09
558145.174160382.59	558145.2	4160382.59	5.31E-06	2.12E-09
558145.174160392.59	558145.2	4160392.59	5.67E-06	2.14E-09
558145.174160402.59	558145.2	4160402.59	6.07E-06	2.17E-09
558145.174160412.59	558145.2	4160412.59	6.51E-06	2.20E-09
558145.174160422.59	558145.2	4160422.59	6.99E-06	2.22E-09
558145.174160432.59	558145.2	4160432.59	7.52E-06	2.25E-09
558145.174160442.59	558145.2	4160442.59	8.12E-06	2.28E-09
558155.174160372.59	558155.2	4160372.59	4.95E-06	2.18E-09
558155.174160382.59	558155.2	4160382.59	5.29E-06	2.21E-09
558155.174160392.59	558155.2	4160392.59	5.66E-06	2.24E-09
558155.174160402.59	558155.2	4160402.59	6.06E-06	2.27E-09
558155.174160412.59	558155.2	4160412.59	6.51E-06	2.30E-09
558155.174160422.59	558155.2	4160422.59	7.00E-06	2.33E-09
558155.174160432.59	558155.2	4160432.59	7.55E-06	2.36E-09
558155.174160442.59	558155.2	4160442.59	8.16E-06	2.39E-09
558165.174160362.59	558165.2	4160362.59	4.61E-06	2.23E-09
558165.174160372.59	558165.2	4160372.59	4.92E-06	2.27E-09
558165.174160382.59	558165.2	4160382.59	5.25E-06	2.30E-09
558165.174160392.59	558165.2	4160392.59	5.63E-06	2.34E-09
558165.174160402.59	558165.2	4160402.59	6.03E-06	2.37E-09
558165.174160412.59	558165.2	4160412.59	6.48E-06	2.40E-09
558165.174160422.59	558165.2	4160422.59	6.98E-06	2.44E-09
558165.174160432.59	558165.2	4160432.59	7.54E-06	2.47E-09
558175.174160362.59	558175.2	4160362.59	4.56E-06	2.33E-09
558175.174160372.59	558175.2	4160372.59	4.87E-06	2.37E-09
558175.174160382.59	558175.2	4160382.59	5.20E-06	2.40E-09
558175.174160392.59	558175.2	4160392.59	5.57E-06	2.44E-09
558175.174160402.59	558175.2	4160402.59	5.98E-06	2.48E-09
558175.174160412.59	558175.2	4160412.59	6.43E-06	2.52E-09
558175.174160422.59	558175.2	4160422.59	6.93E-06	2.56E-09
558185.174160362.59	558185.2	4160362.59	4.50E-06	2.43E-09
558185.174160372.59	558185.2	4160372.59	4.80E-06	2.47E-09
558185.174160382.59	558185.2	4160382.59	5.13E-06	2.51E-09
558185.174160392.59	558185.2	4160392.59	5.50E-06	2.55E-09
558185.174160402.59	558185.2	4160402.59	5.91E-06	2.60E-09
558185.174160412.59	558185.2	4160412.59	6.35E-06	2.64E-09
558185.174160422.59	558185.2	4160422.59	6.85E-06	2.68E-09
558185.174160432.59	558185.2	4160432.59	7.41E-06	2.72E-09
558185.174160442.59	558185.2	4160442.59	8.03E-06	2.76E-09
558195.174160362.59	558195.2	4160362.59	4.42E-06	2.53E-09
558195.174160372.59	558195.2	4160372.59	4.72E-06	2.58E-09
558195.174160382.59	558195.2	4160382.59	5.05E-06	2.62E-09
558195.174160392.59	558195.2	4160392.59	5.41E-06	2.67E-09
558195.174160402.59	558195.2	4160402.59	5.81E-06	2.72E-09
558195.174160412.59	558195.2	4160412.59	6.26E-06	2.77E-09
558195.174160422.59	558195.2	4160422.59	6.75E-06	2.81E-09
558195.174160432.59	558195.2	4160432.59	7.30E-06	2.86E-09
558195.174160442.59	558195.2	4160442.59	7.90E-06	2.90E-09
558195.174160452.59	558195.2	4160452.59	8.56E-06	2.94E-09
558205.174160362.59	558205.2	4160362.59	4.34E-06	2.64E-09
558205.174160372.59	558205.2	4160372.59	4.63E-06	2.69E-09
558205.174160382.59	558205.2	4160382.59	4.95E-06	2.74E-09
558205.174160392.59	558205.2	4160392.59	5.31E-06	2.80E-09
558205.174160402.59	558205.2	4160402.59	5.70E-06	2.85E-09
558205.174160412.59	558205.2	4160412.59	6.14E-06	2.90E-09
558205.174160422.59	558205.2	4160422.59	6.63E-06	2.96E-09
558205.174160432.59	558205.2	4160432.59	7.16E-06	3.01E-09

Worker CONCENTRATIONS & DOSE			Q	V
			16<30	
			Dose (mg/kg-day)	
XY	X	Y	OFFROAD	ONROAD
558205.174160442.59	558205.2	4160442.59	7.77E-06	3.06E-09
558205.174160452.59	558205.2	4160452.59	8.42E-06	3.11E-09
558205.174160462.59	558205.2	4160462.59	9.17E-06	3.16E-09
558215.174160362.59	558215.2	4160362.59	4.25E-06	2.76E-09
558215.174160372.59	558215.2	4160372.59	4.53E-06	2.81E-09
558215.174160382.59	558215.2	4160382.59	4.85E-06	2.87E-09
558215.174160392.59	558215.2	4160392.59	5.20E-06	2.93E-09
558215.174160402.59	558215.2	4160402.59	5.58E-06	2.99E-09
558215.174160412.59	558215.2	4160412.59	6.01E-06	3.05E-09
558215.174160422.59	558215.2	4160422.59	6.48E-06	3.10E-09
558215.174160432.59	558215.2	4160432.59	7.00E-06	3.16E-09
558215.174160442.59	558215.2	4160442.59	7.60E-06	3.23E-09
558215.174160452.59	558215.2	4160452.59	8.27E-06	3.29E-09
558215.174160462.59	558215.2	4160462.59	8.98E-06	3.34E-09
558215.174160472.59	558215.2	4160472.59	9.82E-06	3.40E-09
558225.174160362.59	558225.2	4160362.59	4.15E-06	2.88E-09
558225.174160372.59	558225.2	4160372.59	4.43E-06	2.94E-09
558225.174160382.59	558225.2	4160382.59	4.74E-06	3.00E-09
558225.174160392.59	558225.2	4160392.59	5.08E-06	3.07E-09
558225.174160402.59	558225.2	4160402.59	5.45E-06	3.13E-09
558225.174160412.59	558225.2	4160412.59	5.86E-06	3.20E-09
558225.174160422.59	558225.2	4160422.59	6.32E-06	3.26E-09
558225.174160432.59	558225.2	4160432.59	6.83E-06	3.33E-09
558225.174160442.59	558225.2	4160442.59	7.41E-06	3.40E-09
558225.174160452.59	558225.2	4160452.59	8.06E-06	3.47E-09
558225.174160462.59	558225.2	4160462.59	8.80E-06	3.54E-09
558225.174160472.59	558225.2	4160472.59	9.61E-06	3.61E-09
558225.174160482.59	558225.2	4160482.59	1.05E-05	3.67E-09
558235.174160362.59	558235.2	4160362.59	4.05E-06	3.00E-09
558235.174160372.59	558235.2	4160372.59	4.32E-06	3.07E-09
558235.174160382.59	558235.2	4160382.59	4.62E-06	3.14E-09
558235.174160392.59	558235.2	4160392.59	4.95E-06	3.21E-09
558235.174160402.59	558235.2	4160402.59	5.31E-06	3.29E-09
558235.174160412.59	558235.2	4160412.59	5.71E-06	3.36E-09
558235.174160422.59	558235.2	4160422.59	6.16E-06	3.43E-09
558235.174160432.59	558235.2	4160432.59	6.65E-06	3.51E-09
558235.174160442.59	558235.2	4160442.59	7.21E-06	3.59E-09
558235.174160452.59	558235.2	4160452.59	7.84E-06	3.67E-09
558235.174160462.59	558235.2	4160462.59	8.56E-06	3.75E-09
558235.174160472.59	558235.2	4160472.59	9.38E-06	3.83E-09
558235.174160482.59	558235.2	4160482.59	1.03E-05	3.91E-09
558235.174160492.59	558235.2	4160492.59	1.13E-05	3.98E-09
558245.174160362.59	558245.2	4160362.59	3.94E-06	3.14E-09
558245.174160372.59	558245.2	4160372.59	4.20E-06	3.21E-09
558245.174160382.59	558245.2	4160382.59	4.49E-06	3.29E-09
558245.174160392.59	558245.2	4160392.59	4.81E-06	3.37E-09
558245.174160402.59	558245.2	4160402.59	5.17E-06	3.45E-09
558245.174160412.59	558245.2	4160412.59	5.55E-06	3.53E-09
558245.174160422.59	558245.2	4160422.59	5.98E-06	3.61E-09
558245.174160432.59	558245.2	4160432.59	6.46E-06	3.70E-09
558245.174160442.59	558245.2	4160442.59	7.01E-06	3.79E-09
558245.174160452.59	558245.2	4160452.59	7.62E-06	3.88E-09
558245.174160462.59	558245.2	4160462.59	8.32E-06	3.97E-09
558245.174160472.59	558245.2	4160472.59	9.11E-06	4.07E-09
558245.174160482.59	558245.2	4160482.59	1.00E-05	4.16E-09
558245.174160492.59	558245.2	4160492.59	1.10E-05	4.26E-09
558245.174160502.59	558245.2	4160502.59	1.22E-05	4.34E-09
558255.174160362.59	558255.2	4160362.59	3.83E-06	3.27E-09
558255.174160372.59	558255.2	4160372.59	4.09E-06	3.35E-09
558255.174160382.59	558255.2	4160382.59	4.37E-06	3.44E-09
558255.174160392.59	558255.2	4160392.59	4.68E-06	3.53E-09
558255.174160402.59	558255.2	4160402.59	5.02E-06	3.62E-09
558255.174160412.59	558255.2	4160412.59	5.40E-06	3.71E-09

			Q	V
Worker CONCENTRATIONS & DOSE			**16<30**	
			Dose (mg/kg-day)	
XY	**X**	**Y**	**OFFROAD**	**ONROAD**
558255.174160422.59	558255.2	4160422.59	5.81E-06	3.80E-09
558255.174160432.59	558255.2	4160432.59	6.28E-06	3.90E-09
558255.174160442.59	558255.2	4160442.59	6.80E-06	4.00E-09
558255.174160452.59	558255.2	4160452.59	7.40E-06	4.10E-09
558255.174160462.59	558255.2	4160462.59	8.07E-06	4.21E-09
558255.174160472.59	558255.2	4160472.59	8.83E-06	4.32E-09
558255.174160482.59	558255.2	4160482.59	9.71E-06	4.43E-09
558255.174160492.59	558255.2	4160492.59	1.07E-05	4.55E-09
558255.174160502.59	558255.2	4160502.59	1.19E-05	4.66E-09
558255.174160512.59	558255.2	4160512.59	1.32E-05	4.76E-09
558265.174160362.59	558265.2	4160362.59	3.72E-06	3.41E-09
558265.174160372.59	558265.2	4160372.59	3.97E-06	3.50E-09
558265.174160382.59	558265.2	4160382.59	4.24E-06	3.60E-09
558265.174160392.59	558265.2	4160392.59	4.54E-06	3.69E-09
558265.174160402.59	558265.2	4160402.59	4.87E-06	3.79E-09
558265.174160412.59	558265.2	4160412.59	5.23E-06	3.89E-09
558265.174160422.59	558265.2	4160422.59	5.64E-06	4.00E-09
558265.174160432.59	558265.2	4160432.59	6.09E-06	4.11E-09
558265.174160442.59	558265.2	4160442.59	6.60E-06	4.23E-09
558265.174160452.59	558265.2	4160452.59	7.17E-06	4.34E-09
558265.174160462.59	558265.2	4160462.59	7.82E-06	4.46E-09
558265.174160472.59	558265.2	4160472.59	8.56E-06	4.59E-09
558265.174160482.59	558265.2	4160482.59	9.43E-06	4.73E-09
558265.174160492.59	558265.2	4160492.59	1.04E-05	4.86E-09
558265.174160502.59	558265.2	4160502.59	1.16E-05	5.00E-09
558265.174160512.59	558265.2	4160512.59	1.29E-05	5.13E-09
558265.174160522.59	558265.2	4160522.59	1.45E-05	5.26E-09
558275.174160362.59	558275.2	4160362.59	3.61E-06	3.56E-09
558275.174160372.59	558275.2	4160372.59	3.84E-06	3.66E-09
558275.174160382.59	558275.2	4160382.59	4.11E-06	3.76E-09
558275.174160392.59	558275.2	4160392.59	4.40E-06	3.87E-09
558275.174160402.59	558275.2	4160402.59	4.71E-06	3.98E-09
558275.174160412.59	558275.2	4160412.59	5.07E-06	4.09E-09
558275.174160422.59	558275.2	4160422.59	5.46E-06	4.21E-09
558275.174160432.59	558275.2	4160432.59	5.90E-06	4.33E-09
558275.174160442.59	558275.2	4160442.59	6.40E-06	4.46E-09
558275.174160452.59	558275.2	4160452.59	6.95E-06	4.59E-09
558275.174160462.59	558275.2	4160462.59	7.58E-06	4.73E-09
558275.174160472.59	558275.2	4160472.59	8.32E-06	4.88E-09
558275.174160482.59	558275.2	4160482.59	9.16E-06	5.04E-09
558275.174160492.59	558275.2	4160492.59	1.01E-05	5.19E-09
558275.174160502.59	558275.2	4160502.59	1.13E-05	5.36E-09
558275.174160512.59	558275.2	4160512.59	1.27E-05	5.54E-09
558275.174160522.59	558275.2	4160522.59	1.43E-05	5.71E-09
558275.174160532.59	558275.2	4160532.59	1.62E-05	5.88E-09
558285.174160362.59	558285.2	4160362.59	3.49E-06	3.72E-09
558285.174160372.59	558285.2	4160372.59	3.72E-06	3.82E-09
558285.174160382.59	558285.2	4160382.59	3.98E-06	3.93E-09
558285.174160392.59	558285.2	4160392.59	4.25E-06	4.05E-09
558285.174160402.59	558285.2	4160402.59	4.56E-06	4.17E-09
558285.174160412.59	558285.2	4160412.59	4.91E-06	4.29E-09
558285.174160422.59	558285.2	4160422.59	5.29E-06	4.43E-09
558285.174160432.59	558285.2	4160432.59	5.71E-06	4.56E-09
558285.174160442.59	558285.2	4160442.59	6.19E-06	4.71E-09
558285.174160452.59	558285.2	4160452.59	6.74E-06	4.86E-09
558285.174160462.59	558285.2	4160462.59	7.36E-06	5.02E-09
558285.174160472.59	558285.2	4160472.59	8.08E-06	5.19E-09
558285.174160482.59	558285.2	4160482.59	8.89E-06	5.36E-09
558285.174160492.59	558285.2	4160492.59	9.85E-06	5.55E-09
558285.174160502.59	558285.2	4160502.59	1.10E-05	5.75E-09
558285.174160512.59	558285.2	4160512.59	1.24E-05	5.97E-09
558285.174160522.59	558285.2	4160522.59	1.40E-05	6.19E-09
558285.174160532.59	558285.2	4160532.59	1.60E-05	6.40E-09

			Q	V
Worker CONCENTRATIONS & DOSE			**16<30**	
			Dose (mg/kg-day)	
XY	**X**	**Y**	**OFFROAD**	**ONROAD**
558295.174160362.59	558295.2	4160362.59	3.38E-06	3.87E-09
558295.174160372.59	558295.2	4160372.59	3.60E-06	3.99E-09
558295.174160382.59	558295.2	4160382.59	3.84E-06	4.11E-09
558295.174160392.59	558295.2	4160392.59	4.11E-06	4.23E-09
558295.174160402.59	558295.2	4160402.59	4.41E-06	4.36E-09
558295.174160412.59	558295.2	4160412.59	4.74E-06	4.50E-09
558295.174160422.59	558295.2	4160422.59	5.11E-06	4.65E-09
558295.174160432.59	558295.2	4160432.59	5.53E-06	4.80E-09
558295.174160442.59	558295.2	4160442.59	6.00E-06	4.96E-09
558295.174160452.59	558295.2	4160452.59	6.53E-06	5.14E-09
558295.174160462.59	558295.2	4160462.59	7.15E-06	5.32E-09
558295.174160472.59	558295.2	4160472.59	7.84E-06	5.51E-09
558295.174160482.59	558295.2	4160482.59	8.65E-06	5.72E-09
558295.174160492.59	558295.2	4160492.59	9.60E-06	5.93E-09
558295.174160502.59	558295.2	4160502.59	1.07E-05	6.17E-09
558295.174160512.59	558295.2	4160512.59	1.21E-05	6.43E-09
558295.174160522.59	558295.2	4160522.59	1.38E-05	6.71E-09
558295.174160532.59	558295.2	4160532.59	1.57E-05	6.98E-09
558305.174160362.59	558305.2	4160362.59	3.27E-06	4.04E-09
558305.174160372.59	558305.2	4160372.59	3.48E-06	4.16E-09
558305.174160382.59	558305.2	4160382.59	3.71E-06	4.29E-09
558305.174160392.59	558305.2	4160392.59	3.97E-06	4.42E-09
558305.174160402.59	558305.2	4160402.59	4.26E-06	4.55E-09
558305.174160412.59	558305.2	4160412.59	4.59E-06	4.70E-09
558305.174160422.59	558305.2	4160422.59	4.94E-06	4.87E-09
558305.174160432.59	558305.2	4160432.59	5.35E-06	5.05E-09
558305.174160442.59	558305.2	4160442.59	5.81E-06	5.23E-09
558305.174160452.59	558305.2	4160452.59	6.33E-06	5.42E-09
558305.174160462.59	558305.2	4160462.59	6.93E-06	5.62E-09
558305.174160472.59	558305.2	4160472.59	7.62E-06	5.84E-09
558305.174160482.59	558305.2	4160482.59	8.42E-06	6.08E-09
558305.174160492.59	558305.2	4160492.59	9.37E-06	6.34E-09
558305.174160502.59	558305.2	4160502.59	1.05E-05	6.61E-09
558305.174160512.59	558305.2	4160512.59	1.19E-05	6.93E-09
558305.174160522.59	558305.2	4160522.59	1.35E-05	7.26E-09
558305.174160532.59	558305.2	4160532.59	1.55E-05	7.61E-09
558315.174160362.59	558315.2	4160362.59	3.16E-06	4.20E-09
558315.174160372.59	558315.2	4160372.59	3.36E-06	4.34E-09
558315.174160382.59	558315.2	4160382.59	3.59E-06	4.47E-09
558315.174160392.59	558315.2	4160392.59	3.84E-06	4.61E-09
558315.174160402.59	558315.2	4160402.59	4.12E-06	4.76E-09
558315.174160412.59	558315.2	4160412.59	4.43E-06	4.92E-09
558315.174160422.59	558315.2	4160422.59	4.78E-06	5.10E-09
558315.174160432.59	558315.2	4160432.59	5.17E-06	5.29E-09
558315.174160442.59	558315.2	4160442.59	5.62E-06	5.49E-09
558315.174160452.59	558315.2	4160452.59	6.13E-06	5.71E-09
558315.174160462.59	558315.2	4160462.59	6.72E-06	5.94E-09
558315.174160472.59	558315.2	4160472.59	7.41E-06	6.18E-09
558315.174160482.59	558315.2	4160482.59	8.21E-06	6.45E-09
558315.174160492.59	558315.2	4160492.59	9.15E-06	6.75E-09
558315.174160502.59	558315.2	4160502.59	1.03E-05	7.08E-09
558315.174160512.59	558315.2	4160512.59	1.16E-05	7.45E-09
558315.174160522.59	558315.2	4160522.59	1.33E-05	7.86E-09
558315.174160532.59	558315.2	4160532.59	1.52E-05	8.29E-09
558325.174160362.59	558325.2	4160362.59	3.05E-06	4.37E-09
558325.174160372.59	558325.2	4160372.59	3.25E-06	4.51E-09
558325.174160382.59	558325.2	4160382.59	3.46E-06	4.65E-09
558325.174160392.59	558325.2	4160392.59	3.71E-06	4.81E-09
558325.174160402.59	558325.2	4160402.59	3.98E-06	4.97E-09
558325.174160412.59	558325.2	4160412.59	4.28E-06	5.15E-09
558325.174160422.59	558325.2	4160422.59	4.62E-06	5.34E-09
558325.174160432.59	558325.2	4160432.59	5.00E-06	5.54E-09
558325.174160442.59	558325.2	4160442.59	5.44E-06	5.76E-09

			Q	V
Worker CONCENTRATIONS & DOSE			**16<30**	
			Dose (mg/kg-day)	
XY	**X**	**Y**	**OFFROAD**	**ONROAD**
558325.174160452.59	558325.2	4160452.59	5.94E-06	6.00E-09
558325.174160462.59	558325.2	4160462.59	6.53E-06	6.25E-09
558325.174160472.59	558325.2	4160472.59	7.20E-06	6.53E-09
558325.174160482.59	558325.2	4160482.59	8.00E-06	6.83E-09
558325.174160492.59	558325.2	4160492.59	8.94E-06	7.17E-09
558325.174160502.59	558325.2	4160502.59	1.01E-05	7.56E-09
558325.174160512.59	558325.2	4160512.59	1.14E-05	7.99E-09
558325.174160522.59	558325.2	4160522.59	1.30E-05	8.47E-09
558325.174160532.59	558325.2	4160532.59	1.49E-05	8.99E-09
558335.174160362.59	558335.2	4160362.59	2.95E-06	4.55E-09
558335.174160372.59	558335.2	4160372.59	3.14E-06	4.70E-09
558335.174160382.59	558335.2	4160382.59	3.35E-06	4.85E-09
558335.174160392.59	558335.2	4160392.59	3.58E-06	5.01E-09
558335.174160402.59	558335.2	4160402.59	3.84E-06	5.19E-09
558335.174160412.59	558335.2	4160412.59	4.13E-06	5.38E-09
558335.174160422.59	558335.2	4160422.59	4.47E-06	5.58E-09
558335.174160432.59	558335.2	4160432.59	4.84E-06	5.79E-09
558335.174160442.59	558335.2	4160442.59	5.27E-06	6.03E-09
558335.174160452.59	558335.2	4160452.59	5.77E-06	6.29E-09
558335.174160462.59	558335.2	4160462.59	6.34E-06	6.56E-09
558335.174160472.59	558335.2	4160472.59	7.01E-06	6.87E-09
558335.174160482.59	558335.2	4160482.59	7.80E-06	7.21E-09
558335.174160492.59	558335.2	4160492.59	8.74E-06	7.59E-09
558335.174160502.59	558335.2	4160502.59	9.85E-06	8.03E-09
558335.174160512.59	558335.2	4160512.59	1.12E-05	8.52E-09
558335.174160522.59	558335.2	4160522.59	1.28E-05	9.08E-09
558335.174160532.59	558335.2	4160532.59	1.46E-05	9.70E-09
558345.174160362.59	558345.2	4160362.59	2.85E-06	4.72E-09
558345.174160372.59	558345.2	4160372.59	3.03E-06	4.89E-09
558345.174160382.59	558345.2	4160382.59	3.23E-06	5.06E-09
558345.174160392.59	558345.2	4160392.59	3.46E-06	5.23E-09
558345.174160402.59	558345.2	4160402.59	3.71E-06	5.41E-09
558345.174160412.59	558345.2	4160412.59	4.00E-06	5.61E-09
558345.174160422.59	558345.2	4160422.59	4.32E-06	5.83E-09
558345.174160432.59	558345.2	4160432.59	4.69E-06	6.06E-09
558345.174160442.59	558345.2	4160442.59	5.11E-06	6.28E-09
558345.174160452.59	558345.2	4160452.59	5.60E-06	6.57E-09
558345.174160462.59	558345.2	4160462.59	6.16E-06	6.88E-09
558345.174160472.59	558345.2	4160472.59	6.82E-06	7.21E-09
558345.174160482.59	558345.2	4160482.59	7.59E-06	7.58E-09
558345.174160492.59	558345.2	4160492.59	8.52E-06	8.00E-09
558345.174160502.59	558345.2	4160502.59	9.62E-06	8.48E-09
558345.174160512.59	558345.2	4160512.59	1.09E-05	9.04E-09
558345.174160522.59	558345.2	4160522.59	1.24E-05	9.67E-09
558345.174160532.59	558345.2	4160532.59	1.42E-05	1.04E-08
558355.174160362.59	558355.2	4160362.59	2.75E-06	4.91E-09
558355.174160372.59	558355.2	4160372.59	2.93E-06	5.08E-09
558355.174160382.59	558355.2	4160382.59	3.13E-06	5.26E-09
558355.174160392.59	558355.2	4160392.59	3.35E-06	5.45E-09
558355.174160402.59	558355.2	4160402.59	3.59E-06	5.64E-09
558355.174160412.59	558355.2	4160412.59	3.87E-06	5.85E-09
558355.174160422.59	558355.2	4160422.59	4.19E-06	6.08E-09
558355.174160432.59	558355.2	4160432.59	4.55E-06	6.32E-09
558355.174160442.59	558355.2	4160442.59	4.97E-06	6.58E-09
558355.174160452.59	558355.2	4160452.59	5.44E-06	6.87E-09
558355.174160462.59	558355.2	4160462.59	6.00E-06	7.19E-09
558355.174160472.59	558355.2	4160472.59	6.64E-06	7.55E-09
558355.174160482.59	558355.2	4160482.59	7.40E-06	7.94E-09
558355.174160492.59	558355.2	4160492.59	8.30E-06	8.39E-09
558355.174160502.59	558355.2	4160502.59	9.36E-06	8.91E-09
558355.174160512.59	558355.2	4160512.59	1.06E-05	9.51E-09
558355.174160522.59	558355.2	4160522.59	1.21E-05	1.02E-08
558355.174160532.59	558355.2	4160532.59	1.38E-05	1.10E-08

			Q	V
Worker CONCENTRATIONS & DOSE			**16<30**	
			Dose (mg/kg-day)	
XY	**X**	**Y**	**OFFROAD**	**ONROAD**
558365.174160362.59	558365.2	4160362.59	2.67E-06	5.11E-09
558365.174160372.59	558365.2	4160372.59	2.84E-06	5.29E-09
558365.174160382.59	558365.2	4160382.59	3.03E-06	5.48E-09
558365.174160392.59	558365.2	4160392.59	3.25E-06	5.68E-09
558365.174160402.59	558365.2	4160402.59	3.49E-06	5.88E-09
558365.174160412.59	558365.2	4160412.59	3.76E-06	6.11E-09
558365.174160422.59	558365.2	4160422.59	4.07E-06	6.34E-09
558365.174160432.59	558365.2	4160432.59	4.42E-06	6.59E-09
558365.174160442.59	558365.2	4160442.59	4.83E-06	6.86E-09
558365.174160452.59	558365.2	4160452.59	5.30E-06	7.18E-09
558365.174160462.59	558365.2	4160462.59	5.84E-06	7.52E-09
558365.174160472.59	558365.2	4160472.59	6.48E-06	7.89E-09
558365.174160482.59	558365.2	4160482.59	7.22E-06	8.31E-09
558365.174160492.59	558365.2	4160492.59	8.09E-06	8.78E-09
558365.174160502.59	558365.2	4160502.59	9.12E-06	9.33E-09
558365.174160512.59	558365.2	4160512.59	1.03E-05	9.97E-09
558365.174160522.59	558365.2	4160522.59	1.17E-05	1.07E-08
558365.174160532.59	558365.2	4160532.59	1.33E-05	1.16E-08
558375.174160362.59	558375.2	4160362.59	2.59E-06	5.33E-09
558375.174160372.59	558375.2	4160372.59	2.76E-06	5.52E-09
558375.174160382.59	558375.2	4160382.59	2.94E-06	5.72E-09
558375.174160392.59	558375.2	4160392.59	3.15E-06	5.91E-09
558375.174160402.59	558375.2	4160402.59	3.39E-06	6.14E-09
558375.174160412.59	558375.2	4160412.59	3.66E-06	6.37E-09
558375.174160422.59	558375.2	4160422.59	3.96E-06	6.61E-09
558375.174160432.59	558375.2	4160432.59	4.31E-06	6.88E-09
558375.174160442.59	558375.2	4160442.59	4.71E-06	7.17E-09
558375.174160452.59	558375.2	4160452.59	5.17E-06	7.49E-09
558375.174160462.59	558375.2	4160462.59	5.71E-06	7.84E-09
558375.174160472.59	558375.2	4160472.59	6.33E-06	8.24E-09
558375.174160482.59	558375.2	4160482.59	7.06E-06	8.68E-09
558375.174160492.59	558375.2	4160492.59	7.90E-06	9.18E-09
558375.174160502.59	558375.2	4160502.59	8.88E-06	9.76E-09
558375.174160512.59	558375.2	4160512.59	1.00E-05	1.04E-08
558375.174160522.59	558375.2	4160522.59	1.13E-05	1.12E-08
558375.174160532.59	558375.2	4160532.59	1.29E-05	1.22E-08
558385.174160362.59	558385.2	4160362.59	2.52E-06	5.56E-09
558385.174160372.59	558385.2	4160372.59	2.68E-06	5.77E-09
558385.174160382.59	558385.2	4160382.59	2.87E-06	5.98E-09
558385.174160392.59	558385.2	4160392.59	3.07E-06	6.16E-09
558385.174160402.59	558385.2	4160402.59	3.31E-06	6.39E-09
558385.174160412.59	558385.2	4160412.59	3.57E-06	6.64E-09
558385.174160422.59	558385.2	4160422.59	3.87E-06	6.90E-09
558385.174160432.59	558385.2	4160432.59	4.21E-06	7.18E-09
558385.174160442.59	558385.2	4160442.59	4.61E-06	7.49E-09
558385.174160452.59	558385.2	4160452.59	5.06E-06	7.82E-09
558385.174160462.59	558385.2	4160462.59	5.59E-06	8.19E-09
558385.174160472.59	558385.2	4160472.59	6.20E-06	8.60E-09
558385.174160482.59	558385.2	4160482.59	6.91E-06	9.06E-09
558385.174160492.59	558385.2	4160492.59	7.72E-06	9.59E-09
558385.174160502.59	558385.2	4160502.59	8.67E-06	1.02E-08
558385.174160512.59	558385.2	4160512.59	9.75E-06	1.09E-08
558385.174160522.59	558385.2	4160522.59	1.10E-05	1.18E-08
558385.174160532.59	558385.2	4160532.59	1.24E-05	1.28E-08
558395.174160362.59	558395.2	4160362.59	2.46E-06	5.80E-09
558395.174160372.59	558395.2	4160372.59	2.62E-06	6.00E-09
558395.174160382.59	558395.2	4160382.59	2.80E-06	6.21E-09
558395.174160392.59	558395.2	4160392.59	3.01E-06	6.43E-09
558395.174160402.59	558395.2	4160402.59	3.24E-06	6.67E-09
558395.174160412.59	558395.2	4160412.59	3.50E-06	6.92E-09
558395.174160422.59	558395.2	4160422.59	3.79E-06	7.19E-09
558395.174160432.59	558395.2	4160432.59	4.13E-06	7.49E-09
558395.174160442.59	558395.2	4160442.59	4.52E-06	7.81E-09

			Q	V
Worker CONCENTRATIONS & DOSE			**16<30**	
			Dose (mg/kg-day)	
XY	**X**	**Y**	**OFFROAD**	**ONROAD**
558395.174160452.59	558395.2	4160452.59	4.97E-06	8.16E-09
558395.174160462.59	558395.2	4160462.59	5.49E-06	8.55E-09
558395.174160472.59	558395.2	4160472.59	6.09E-06	8.97E-09
558395.174160482.59	558395.2	4160482.59	6.77E-06	9.45E-09
558395.174160492.59	558395.2	4160492.59	7.57E-06	1.00E-08
558395.174160502.59	558395.2	4160502.59	8.47E-06	1.06E-08
558395.174160512.59	558395.2	4160512.59	9.50E-06	1.14E-08
558477.664160568.94	558477.7	4160568.94	1.33E-05	2.96E-08
558477.664160578.94	558477.7	4160578.94	1.46E-05	3.43E-08
558477.664160588.94	558477.7	4160588.94	1.61E-05	4.05E-08
558477.664160598.94	558477.7	4160598.94	1.76E-05	4.92E-08
558487.664160568.94	558487.7	4160568.94	1.27E-05	3.08E-08
558487.664160578.94	558487.7	4160578.94	1.38E-05	3.51E-08
558487.664160588.94	558487.7	4160588.94	1.51E-05	4.07E-08
558487.664160598.94	558487.7	4160598.94	1.64E-05	4.84E-08
558497.664160568.94	558497.7	4160568.94	1.23E-05	3.26E-08
558497.664160578.94	558497.7	4160578.94	1.33E-05	3.68E-08
558497.664160588.94	558497.7	4160588.94	1.44E-05	4.23E-08
558497.664160598.94	558497.7	4160598.94	1.55E-05	4.99E-08
558507.664160568.94	558507.7	4160568.94	1.19E-05	3.56E-08
558507.664160578.94	558507.7	4160578.94	1.28E-05	3.97E-08
558507.664160588.94	558507.7	4160588.94	1.38E-05	4.57E-08
558507.664160598.94	558507.7	4160598.94	1.48E-05	5.40E-08
558517.664160568.94	558517.7	4160568.94	1.15E-05	3.91E-08
558517.664160578.94	558517.7	4160578.94	1.23E-05	4.35E-08
558517.664160588.94	558517.7	4160588.94	1.32E-05	4.96E-08
558517.664160598.94	558517.7	4160598.94	1.41E-05	5.88E-08
558527.664160568.94	558527.7	4160568.94	1.11E-05	4.34E-08
558527.664160578.94	558527.7	4160578.94	1.19E-05	4.84E-08
558527.664160588.94	558527.7	4160588.94	1.26E-05	5.51E-08
558527.664160598.94	558527.7	4160598.94	1.34E-05	5.11E-08
558537.664160568.94	558537.7	4160568.94	1.07E-05	4.96E-08
558537.664160578.94	558537.7	4160578.94	1.14E-05	5.51E-08
558537.664160588.94	558537.7	4160588.94	1.20E-05	4.65E-08
558537.664160598.94	558537.7	4160598.94	1.27E-05	5.18E-08
558547.664160568.94	558547.7	4160568.94	1.03E-05	5.82E-08
558547.664160578.94	558547.7	4160578.94	1.09E-05	4.59E-08
558547.664160588.94	558547.7	4160588.94	1.15E-05	3.45E-08
558557.664160568.94	558557.7	4160568.94	9.93E-06	3.27E-08
558600.644160569.24	558600.6	4160569.24	8.39E-06	4.22E-08
558600.644160579.24	558600.6	4160579.24	8.65E-06	4.31E-08
558600.644160589.24	558600.6	4160589.24	8.89E-06	5.18E-08
558600.644160599.24	558600.6	4160599.24	9.09E-06	4.70E-08
558610.644160569.24	558610.6	4160569.24	8.02E-06	5.08E-08
558610.644160579.24	558610.6	4160579.24	8.25E-06	4.70E-08
558610.644160589.24	558610.6	4160589.24	8.45E-06	4.32E-08
558610.644160599.24	558610.6	4160599.24	8.61E-06	3.92E-08
558620.644160569.24	558620.6	4160569.24	7.67E-06	4.33E-08
558620.644160579.24	558620.6	4160579.24	7.86E-06	4.00E-08
558620.644160589.24	558620.6	4160589.24	8.03E-06	3.70E-08
558620.644160599.24	558620.6	4160599.24	8.16E-06	3.37E-08
558630.644160569.24	558630.6	4160569.24	7.34E-06	3.73E-08
558630.644160579.24	558630.6	4160579.24	7.50E-06	3.47E-08
558630.644160589.24	558630.6	4160589.24	7.63E-06	3.19E-08
558630.644160599.24	558630.6	4160599.24	7.73E-06	2.91E-08
558640.644160569.24	558640.6	4160569.24	7.01E-06	3.25E-08
558640.644160579.24	558640.6	4160579.24	7.15E-06	3.03E-08
558640.644160589.24	558640.6	4160589.24	7.25E-06	2.78E-08
558640.644160599.24	558640.6	4160599.24	7.33E-06	2.53E-08
558650.644160569.24	558650.6	4160569.24	6.69E-06	2.86E-08
558650.644160579.24	558650.6	4160579.24	6.81E-06	2.66E-08
558650.644160589.24	558650.6	4160589.24	6.89E-06	2.45E-08
558650.644160599.24	558650.6	4160599.24	6.95E-06	2.25E-08

			Q	V
Worker CONCENTRATIONS & DOSE			**16<30**	
			Dose (mg/kg-day)	
XY	**X**	**Y**	**OFFROAD**	**ONROAD**
558660.644160569.24	558660.6	4160569.24	6.40E-06	2.57E-08
558660.644160579.24	558660.6	4160579.24	6.50E-06	2.39E-08
558660.644160589.24	558660.6	4160589.24	6.56E-06	2.20E-08
558660.644160599.24	558660.6	4160599.24	6.61E-06	2.03E-08
558670.644160569.24	558670.6	4160569.24	6.12E-06	2.32E-08
558670.644160579.24	558670.6	4160579.24	6.19E-06	2.16E-08
558670.644160589.24	558670.6	4160589.24	6.24E-06	1.99E-08
558495.44160499.48	558495.4	4160499.48	6.94E-06	1.91E-08
558495.44160509.48	558495.4	4160509.48	7.57E-06	2.02E-08
558495.44160519.48	558495.4	4160519.48	8.25E-06	2.15E-08
558495.44160529.48	558495.4	4160529.48	8.99E-06	2.29E-08
558505.44160499.48	558505.4	4160499.48	6.86E-06	2.12E-08
558505.44160509.48	558505.4	4160509.48	7.46E-06	2.24E-08
558505.44160519.48	558505.4	4160519.48	8.11E-06	2.37E-08
558505.44160529.48	558505.4	4160529.48	8.82E-06	2.52E-08
558515.44160499.48	558515.4	4160499.48	6.77E-06	2.38E-08
558515.44160509.48	558515.4	4160509.48	7.35E-06	2.51E-08
558515.44160519.48	558515.4	4160519.48	7.97E-06	2.65E-08
558515.44160529.48	558515.4	4160529.48	8.64E-06	2.81E-08
558525.44160499.48	558525.4	4160499.48	6.69E-06	2.70E-08
558525.44160509.48	558525.4	4160509.48	7.25E-06	2.86E-08
558525.44160519.48	558525.4	4160519.48	7.84E-06	3.02E-08
558525.44160529.48	558525.4	4160529.48	8.48E-06	3.19E-08
558535.44160499.48	558535.4	4160499.48	6.61E-06	3.14E-08
558535.44160509.48	558535.4	4160509.48	7.14E-06	3.31E-08
558535.44160519.48	558535.4	4160519.48	7.70E-06	3.50E-08
558535.44160529.48	558535.4	4160529.48	8.31E-06	3.69E-08
558545.44160499.48	558545.4	4160499.48	6.52E-06	3.70E-08
558545.44160509.48	558545.4	4160509.48	7.03E-06	3.92E-08
558545.44160519.48	558545.4	4160519.48	7.57E-06	4.14E-08
558545.44160529.48	558545.4	4160529.48	8.14E-06	4.36E-08
558555.44160499.48	558555.4	4160499.48	6.43E-06	4.46E-08
558555.44160509.48	558555.4	4160509.48	6.91E-06	4.73E-08
558555.44160519.48	558555.4	4160519.48	7.43E-06	4.99E-08
558555.44160529.48	558555.4	4160529.48	7.96E-06	5.28E-08
558565.44160499.48	558565.4	4160499.48	6.34E-06	3.87E-08
558565.44160509.48	558565.4	4160509.48	6.79E-06	4.26E-08
558565.44160519.48	558565.4	4160519.48	7.27E-06	3.04E-08
558565.44160529.48	558565.4	4160529.48	7.77E-06	4.40E-08
558618.984160498.88	558619	4160498.88	5.72E-06	3.24E-08
558618.984160508.88	558619	4160508.88	6.04E-06	4.27E-08
558618.984160518.88	558619	4160518.88	6.35E-06	4.28E-08
558618.984160528.88	558619	4160528.88	6.66E-06	5.43E-08
558628.984160498.88	558629	4160498.88	5.60E-06	5.55E-08
558628.984160508.88	558629	4160508.88	5.89E-06	5.16E-08
558628.984160518.88	558629	4160518.88	6.18E-06	4.87E-08
558628.984160528.88	558629	4160528.88	6.46E-06	4.65E-08
558638.984160498.88	558639	4160498.88	5.47E-06	4.85E-08
558638.984160508.88	558639	4160508.88	5.74E-06	4.52E-08
558638.984160518.88	558639	4160518.88	6.00E-06	4.28E-08
558638.984160528.88	558639	4160528.88	6.25E-06	4.08E-08
558648.984160498.88	558649	4160498.88	5.34E-06	4.34E-08
558648.984160508.88	558649	4160508.88	5.59E-06	4.04E-08
558648.984160518.88	558649	4160518.88	5.82E-06	3.82E-08
558648.984160528.88	558649	4160528.88	6.05E-06	3.64E-08
558658.984160498.88	558659	4160498.88	5.21E-06	3.97E-08
558658.984160508.88	558659	4160508.88	5.43E-06	3.69E-08
558658.984160518.88	558659	4160518.88	5.65E-06	3.46E-08
558658.984160528.88	558659	4160528.88	5.85E-06	3.28E-08
558668.984160498.88	558669	4160498.88	5.08E-06	3.65E-08
558668.984160508.88	558669	4160508.88	5.28E-06	3.38E-08
558668.984160518.88	558669	4160518.88	5.47E-06	3.17E-08
558668.984160528.88	558669	4160528.88	5.65E-06	2.99E-08

			Q	V
Worker CONCENTRATIONS & DOSE			**16<30**	
			Dose (mg/kg-day)	
XY	**X**	**Y**	**OFFROAD**	**ONROAD**
558678.984160498.88	558679	4160498.88	4.94E-06	3.39E-08
558678.984160508.88	558679	4160508.88	5.13E-06	3.13E-08
558678.984160518.88	558679	4160518.88	5.30E-06	2.92E-08
558678.984160528.88	558679	4160528.88	5.46E-06	2.75E-08
558688.984160498.88	558689	4160498.88	4.81E-06	3.16E-08
558688.984160508.88	558689	4160508.88	4.97E-06	2.91E-08
558688.984160518.88	558689	4160518.88	5.13E-06	2.71E-08
558444.414160372.35	558444.4	4160372.35	2.42E-06	7.57E-09
558454.414160382.35	558454.4	4160382.35	2.55E-06	8.10E-09
558454.414160392.35	558454.4	4160392.35	2.75E-06	8.42E-09
558454.414160402.35	558454.4	4160402.35	2.97E-06	8.75E-09
558464.414160382.35	558464.4	4160382.35	2.53E-06	8.56E-09
558464.414160392.35	558464.4	4160392.35	2.73E-06	8.90E-09
558464.414160402.35	558464.4	4160402.35	2.97E-06	9.28E-09
558474.414160382.35	558474.4	4160382.35	2.53E-06	9.06E-09
558474.414160392.35	558474.4	4160392.35	2.73E-06	9.42E-09
558474.414160402.35	558474.4	4160402.35	2.95E-06	9.82E-09
558484.414160382.35	558484.4	4160382.35	2.52E-06	9.61E-09
558484.414160392.35	558484.4	4160392.35	2.71E-06	9.96E-09
558484.414160402.35	558484.4	4160402.35	2.93E-06	1.03E-08
558494.414160382.35	558494.4	4160382.35	2.52E-06	1.02E-08
558494.414160392.35	558494.4	4160392.35	2.71E-06	1.06E-08
558494.414160402.35	558494.4	4160402.35	2.93E-06	1.10E-08
558504.414160382.35	558504.4	4160382.35	2.52E-06	1.09E-08
558504.414160392.35	558504.4	4160392.35	2.74E-06	1.15E-08
558504.414160402.35	558504.4	4160402.35	2.98E-06	1.22E-08
558514.414160382.35	558514.4	4160382.35	2.53E-06	1.17E-08
558514.414160392.35	558514.4	4160392.35	2.74E-06	1.24E-08
558514.414160402.35	558514.4	4160402.35	2.99E-06	1.32E-08
558524.414160392.35	558524.4	4160392.35	2.75E-06	1.34E-08
558524.414160402.35	558524.4	4160402.35	3.00E-06	1.44E-08
558581.824160392.36	558581.8	4160392.36	2.85E-06	2.29E-08
558581.824160402.36	558581.8	4160402.36	3.07E-06	2.57E-08
558581.824160412.36	558581.8	4160412.36	3.31E-06	2.90E-08
558581.824160422.36	558581.8	4160422.36	3.56E-06	3.30E-08
558591.824160392.36	558591.8	4160392.36	2.86E-06	2.49E-08
558591.824160402.36	558591.8	4160402.36	3.08E-06	2.83E-08
558591.824160412.36	558591.8	4160412.36	3.31E-06	3.23E-08
558591.824160422.36	558591.8	4160422.36	3.56E-06	3.74E-08
558601.824160382.36	558601.8	4160382.36	2.67E-06	2.39E-08
558601.824160392.36	558601.8	4160392.36	2.87E-06	2.71E-08
558601.824160402.36	558601.8	4160402.36	3.08E-06	3.10E-08
558601.824160412.36	558601.8	4160412.36	3.31E-06	3.59E-08
558601.824160422.36	558601.8	4160422.36	3.55E-06	4.21E-08
558611.824160382.36	558611.8	4160382.36	2.68E-06	2.54E-08
558611.824160392.36	558611.8	4160392.36	2.88E-06	2.89E-08
558611.824160402.36	558611.8	4160402.36	3.09E-06	3.38E-08
558611.824160412.36	558611.8	4160412.36	3.31E-06	3.96E-08
558611.824160422.36	558611.8	4160422.36	3.55E-06	4.71E-08
558621.824160382.36	558621.8	4160382.36	2.69E-06	2.72E-08
558621.824160392.36	558621.8	4160392.36	2.88E-06	3.11E-08
558621.824160402.36	558621.8	4160402.36	3.09E-06	3.66E-08
558621.824160412.36	558621.8	4160412.36	3.30E-06	4.37E-08
558621.824160422.36	558621.8	4160422.36	3.54E-06	3.62E-08
558631.824160382.36	558631.8	4160382.36	2.70E-06	2.90E-08
558631.824160392.36	558631.8	4160392.36	2.89E-06	3.33E-08
558631.824160402.36	558631.8	4160402.36	3.09E-06	3.96E-08
558641.824160382.36	558641.8	4160382.36	2.70E-06	3.07E-08
558641.824160392.36	558641.8	4160392.36	2.89E-06	3.55E-08
558641.824160402.36	558641.8	4160402.36	3.08E-06	4.29E-08
558651.824160382.36	558651.8	4160382.36	2.70E-06	3.30E-08
558651.824160392.36	558651.8	4160392.36	2.89E-06	3.83E-08
558651.824160402.36	558651.8	4160402.36	3.08E-06	4.66E-08

			Q	V
Worker CONCENTRATIONS & DOSE			**16<30**	
			Dose (mg/kg-day)	
XY	**X**	**Y**	**OFFROAD**	**ONROAD**
558661.824160382.36	558661.8	4160382.36	2.71E-06	3.56E-08
558661.824160392.36	558661.8	4160392.36	2.88E-06	4.13E-08
558661.824160402.36	558661.8	4160402.36	3.07E-06	5.05E-08
558671.824160362.36	558671.8	4160362.36	2.38E-06	3.22E-08
558671.824160372.36	558671.8	4160372.36	2.54E-06	3.47E-08
558671.824160382.36	558671.8	4160382.36	2.70E-06	3.86E-08
558671.824160392.36	558671.8	4160392.36	2.88E-06	4.47E-08
558671.824160402.36	558671.8	4160402.36	3.06E-06	5.47E-08
558681.824160362.36	558681.8	4160362.36	2.39E-06	3.59E-08
558681.824160372.36	558681.8	4160372.36	2.53E-06	3.78E-08
558681.824160382.36	558681.8	4160382.36	2.70E-06	4.21E-08
558681.824160392.36	558681.8	4160392.36	2.87E-06	4.85E-08
558681.824160402.36	558681.8	4160402.36	3.04E-06	5.87E-08
558691.824160362.36	558691.8	4160362.36	2.39E-06	4.12E-08
558691.824160372.36	558691.8	4160372.36	2.54E-06	4.36E-08
558691.824160382.36	558691.8	4160382.36	2.70E-06	4.74E-08
558691.824160392.36	558691.8	4160392.36	2.86E-06	5.39E-08
558691.824160402.36	558691.8	4160402.36	3.03E-06	6.45E-08
558701.824160362.36	558701.8	4160362.36	2.39E-06	4.86E-08
558701.824160372.36	558701.8	4160372.36	2.54E-06	5.11E-08
558701.824160382.36	558701.8	4160382.36	2.69E-06	5.49E-08
558701.824160392.36	558701.8	4160392.36	2.85E-06	6.11E-08
558701.824160402.36	558701.8	4160402.36	3.01E-06	7.15E-08
558711.824160362.36	558711.8	4160362.36	2.39E-06	5.92E-08
558711.824160372.36	558711.8	4160372.36	2.53E-06	6.15E-08
558711.824160382.36	558711.8	4160382.36	2.68E-06	5.07E-08
558711.824160392.36	558711.8	4160392.36	2.83E-06	7.10E-08
558711.824160402.36	558711.8	4160402.36	2.98E-06	4.58E-08
558721.824160362.36	558721.8	4160362.36	2.39E-06	3.52E-08
558721.824160372.36	558721.8	4160372.36	2.52E-06	3.93E-08
558721.824160382.36	558721.8	4160382.36	2.66E-06	5.60E-08
558721.824160392.36	558721.8	4160392.36	2.81E-06	4.38E-08
558721.824160402.36	558721.8	4160402.36	2.96E-06	4.67E-08
558690.094160295.24	558690.1	4160295.24	1.56E-06	3.24E-08
558690.094160305.24	558690.1	4160305.24	1.66E-06	3.28E-08
558690.094160315.24	558690.1	4160315.24	1.76E-06	3.33E-08
558690.094160325.24	558690.1	4160325.24	1.88E-06	3.38E-08
558690.094160335.24	558690.1	4160335.24	2.00E-06	3.45E-08
558700.094160295.24	558700.1	4160295.24	1.57E-06	3.92E-08
558700.094160305.24	558700.1	4160305.24	1.67E-06	3.97E-08
558700.094160315.24	558700.1	4160315.24	1.77E-06	4.01E-08
558700.094160325.24	558700.1	4160325.24	1.89E-06	4.05E-08
558700.094160335.24	558700.1	4160335.24	2.01E-06	4.11E-08
558710.094160295.24	558710.1	4160295.24	1.58E-06	4.92E-08
558710.094160305.24	558710.1	4160305.24	1.68E-06	4.96E-08
558710.094160315.24	558710.1	4160315.24	1.78E-06	5.00E-08
558710.094160325.24	558710.1	4160325.24	1.90E-06	5.04E-08
558710.094160335.24	558710.1	4160335.24	2.01E-06	5.08E-08
558720.094160295.24	558720.1	4160295.24	1.59E-06	4.31E-08
558720.094160305.24	558720.1	4160305.24	1.69E-06	3.02E-08
558720.094160315.24	558720.1	4160315.24	1.79E-06	4.37E-08
558720.094160325.24	558720.1	4160325.24	1.90E-06	4.46E-08
558612.684160297.32	558612.7	4160297.32	1.48E-06	1.38E-08
558612.684160307.32	558612.7	4160307.32	1.58E-06	1.44E-08
558612.684160317.32	558612.7	4160317.32	1.69E-06	1.51E-08
558612.684160327.32	558612.7	4160327.32	1.81E-06	1.58E-08
558612.684160337.32	558612.7	4160337.32	1.93E-06	1.68E-08
558622.684160297.32	558622.7	4160297.32	1.49E-06	1.49E-08
558622.684160307.32	558622.7	4160307.32	1.59E-06	1.55E-08
558622.684160317.32	558622.7	4160317.32	1.70E-06	1.61E-08
558622.684160327.32	558622.7	4160327.32	1.82E-06	1.69E-08
558622.684160337.32	558622.7	4160337.32	1.95E-06	1.79E-08
558632.684160297.32	558632.7	4160297.32	1.51E-06	1.61E-08

			Q	V
Worker CONCENTRATIONS & DOSE			**16<30**	
			Dose (mg/kg-day)	
XY	**X**	**Y**	**OFFROAD**	**ONROAD**
558632.684160307.32	558632.7	4160307.32	1.61E-06	1.67E-08
558632.684160317.32	558632.7	4160317.32	1.72E-06	1.73E-08
558632.684160327.32	558632.7	4160327.32	1.83E-06	1.81E-08
558632.684160337.32	558632.7	4160337.32	1.96E-06	1.91E-08
558642.684160297.32	558642.7	4160297.32	1.52E-06	1.77E-08
558642.684160307.32	558642.7	4160307.32	1.62E-06	1.82E-08
558642.684160317.32	558642.7	4160317.32	1.73E-06	1.88E-08
558642.684160327.32	558642.7	4160327.32	1.85E-06	1.96E-08
558642.684160337.32	558642.7	4160337.32	1.98E-06	2.06E-08
558652.684160297.32	558652.7	4160297.32	1.53E-06	1.95E-08
558652.684160307.32	558652.7	4160307.32	1.63E-06	2.00E-08
558652.684160317.32	558652.7	4160317.32	1.74E-06	2.06E-08
558652.684160327.32	558652.7	4160327.32	1.86E-06	2.14E-08
558652.684160337.32	558652.7	4160337.32	1.99E-06	2.24E-08
558662.684160297.32	558662.7	4160297.32	1.55E-06	2.20E-08
558662.684160307.32	558662.7	4160307.32	1.65E-06	2.24E-08
558662.684160317.32	558662.7	4160317.32	1.76E-06	2.29E-08
558662.684160327.32	558662.7	4160327.32	1.87E-06	2.36E-08
558662.684160337.32	558662.7	4160337.32	2.00E-06	2.45E-08
558672.684160297.32	558672.7	4160297.32	1.56E-06	2.48E-08
558672.684160307.32	558672.7	4160307.32	1.66E-06	2.54E-08
558672.684160317.32	558672.7	4160317.32	1.77E-06	2.59E-08
558672.684160327.32	558672.7	4160327.32	1.88E-06	2.65E-08
558672.684160337.32	558672.7	4160337.32	2.01E-06	2.74E-08
558543.584160290.65	558543.6	4160290.65	1.39E-06	9.28E-09
558553.584160300.65	558553.6	4160300.65	1.48E-06	1.02E-08
558553.584160310.65	558553.6	4160310.65	1.58E-06	1.07E-08
558553.584160320.65	558553.6	4160320.65	1.68E-06	1.12E-08
558553.584160330.65	558553.6	4160330.65	1.80E-06	1.18E-08
558563.584160300.65	558563.6	4160300.65	1.49E-06	1.08E-08
558563.584160310.65	558563.6	4160310.65	1.58E-06	1.13E-08
558563.584160320.65	558563.6	4160320.65	1.69E-06	1.19E-08
558563.584160330.65	558563.6	4160330.65	1.81E-06	1.25E-08
558573.584160300.65	558573.6	4160300.65	1.49E-06	1.14E-08
558573.584160310.65	558573.6	4160310.65	1.59E-06	1.19E-08
558573.584160320.65	558573.6	4160320.65	1.70E-06	1.25E-08
558573.584160330.65	558573.6	4160330.65	1.82E-06	1.32E-08
558583.584160300.65	558583.6	4160300.65	1.50E-06	1.20E-08
558583.584160310.65	558583.6	4160310.65	1.60E-06	1.26E-08
558583.584160320.65	558583.6	4160320.65	1.71E-06	1.33E-08
558583.584160330.65	558583.6	4160330.65	1.83E-06	1.40E-08
558593.584160330.65	558593.6	4160330.65	1.84E-06	1.48E-08
558455.354160303.56	558455.4	4160303.56	1.58E-06	6.25E-09
558455.354160313.56	558455.4	4160313.56	1.67E-06	6.47E-09
558455.354160323.56	558455.4	4160323.56	1.76E-06	6.71E-09
558455.354160333.56	558455.4	4160333.56	1.87E-06	6.95E-09
558455.354160343.56	558455.4	4160343.56	1.98E-06	7.20E-09
558465.354160303.56	558465.4	4160303.56	1.56E-06	6.56E-09
558465.354160313.56	558465.4	4160313.56	1.65E-06	6.79E-09
558465.354160323.56	558465.4	4160323.56	1.74E-06	7.04E-09
558465.354160333.56	558465.4	4160333.56	1.85E-06	7.30E-09
558465.354160343.56	558465.4	4160343.56	1.97E-06	7.59E-09
558475.354160303.56	558475.4	4160303.56	1.54E-06	6.87E-09
558475.354160313.56	558475.4	4160313.56	1.63E-06	7.13E-09
558475.354160323.56	558475.4	4160323.56	1.73E-06	7.41E-09
558475.354160333.56	558475.4	4160333.56	1.83E-06	7.70E-09
558475.354160343.56	558475.4	4160343.56	1.95E-06	8.01E-09
558485.354160303.56	558485.4	4160303.56	1.53E-06	7.22E-09
558485.354160313.56	558485.4	4160313.56	1.62E-06	7.48E-09
558485.354160323.56	558485.4	4160323.56	1.72E-06	7.80E-09
558485.354160333.56	558485.4	4160333.56	1.82E-06	8.12E-09
558485.354160343.56	558485.4	4160343.56	1.94E-06	8.46E-09
558495.354160303.56	558495.4	4160303.56	1.52E-06	7.60E-09

			Q	V
Worker CONCENTRATIONS & DOSE			**16<30**	
			Dose (mg/kg-day)	
XY	**X**	**Y**	**OFFROAD**	**ONROAD**
558495.354160313.56	558495.4	4160313.56	1.61E-06	7.91E-09
558495.354160323.56	558495.4	4160323.56	1.71E-06	8.23E-09
558495.354160333.56	558495.4	4160333.56	1.82E-06	8.57E-09
558495.354160343.56	558495.4	4160343.56	1.94E-06	8.96E-09
558505.354160303.56	558505.4	4160303.56	1.51E-06	8.01E-09
558505.354160313.56	558505.4	4160313.56	1.60E-06	8.34E-09
558505.354160323.56	558505.4	4160323.56	1.70E-06	8.69E-09
558505.354160333.56	558505.4	4160333.56	1.81E-06	9.07E-09
558515.354160303.56	558515.4	4160303.56	1.51E-06	8.44E-09
558515.354160313.56	558515.4	4160313.56	1.60E-06	8.80E-09
558515.354160323.56	558515.4	4160323.56	1.70E-06	9.18E-09
558515.354160333.56	558515.4	4160333.56	1.81E-06	9.61E-09
558525.354160303.56	558525.4	4160303.56	1.50E-06	8.89E-09
558525.354160313.56	558525.4	4160313.56	1.60E-06	9.29E-09
558525.354160323.56	558525.4	4160323.56	1.70E-06	9.71E-09
558525.354160333.56	558525.4	4160333.56	1.82E-06	1.02E-08
558535.354160303.56	558535.4	4160303.56	1.50E-06	9.37E-09
558535.354160313.56	558535.4	4160313.56	1.60E-06	9.81E-09
558535.354160323.56	558535.4	4160323.56	1.70E-06	1.03E-08
558535.354160333.56	558535.4	4160333.56	1.82E-06	1.08E-08
558616.674160229.97	558616.7	4160229.97	1.02E-06	1.14E-08
558616.674160239.97	558616.7	4160239.97	1.07E-06	1.18E-08
558616.674160249.97	558616.7	4160249.97	1.13E-06	1.23E-08
558626.674160229.97	558626.7	4160229.97	1.02E-06	1.24E-08
558626.674160239.97	558626.7	4160239.97	1.08E-06	1.29E-08
558626.674160249.97	558626.7	4160249.97	1.14E-06	1.34E-08
558636.674160229.97	558636.7	4160229.97	1.03E-06	1.36E-08
558636.674160239.97	558636.7	4160239.97	1.09E-06	1.41E-08
558636.674160249.97	558636.7	4160249.97	1.15E-06	1.47E-08
558646.674160229.97	558646.7	4160229.97	1.03E-06	1.50E-08
558646.674160239.97	558646.7	4160239.97	1.09E-06	1.57E-08
558646.674160249.97	558646.7	4160249.97	1.16E-06	1.63E-08
558656.674160229.97	558656.7	4160229.97	1.04E-06	1.69E-08
558656.674160239.97	558656.7	4160239.97	1.10E-06	1.76E-08
558666.674160229.97	558666.7	4160229.97	1.05E-06	1.93E-08
558666.674160239.97	558666.7	4160239.97	1.11E-06	2.02E-08
558676.674160229.97	558676.7	4160229.97	1.06E-06	2.23E-08
558676.674160239.97	558676.7	4160239.97	1.12E-06	2.34E-08
558686.674160229.97	558686.7	4160229.97	1.07E-06	2.63E-08
558686.674160239.97	558686.7	4160239.97	1.13E-06	2.77E-08
558696.674160229.97	558696.7	4160229.97	1.08E-06	3.16E-08
558696.674160239.97	558696.7	4160239.97	1.14E-06	3.35E-08
558706.674160229.97	558706.7	4160229.97	1.09E-06	3.89E-08
558706.674160239.97	558706.7	4160239.97	1.15E-06	4.15E-08
558716.674160229.97	558716.7	4160229.97	1.10E-06	4.91E-08
558716.674160239.97	558716.7	4160239.97	1.16E-06	3.82E-08
558420.214160235.8	558420.2	4160235.8	1.24E-06	4.34E-09
558420.214160245.8	558420.2	4160245.8	1.29E-06	4.47E-09
558420.214160255.8	558420.2	4160255.8	1.35E-06	4.61E-09
558430.214160235.8	558430.2	4160235.8	1.21E-06	4.51E-09
558430.214160245.8	558430.2	4160245.8	1.26E-06	4.65E-09
558430.214160255.8	558430.2	4160255.8	1.32E-06	4.80E-09
558440.214160235.8	558440.2	4160235.8	1.19E-06	4.70E-09
558440.214160245.8	558440.2	4160245.8	1.24E-06	4.85E-09
558440.214160255.8	558440.2	4160255.8	1.29E-06	5.00E-09
558450.214160235.8	558450.2	4160235.8	1.17E-06	4.88E-09
558450.214160245.8	558450.2	4160245.8	1.22E-06	5.04E-09
558450.214160255.8	558450.2	4160255.8	1.27E-06	5.20E-09
558460.214160235.8	558460.2	4160235.8	1.15E-06	5.07E-09
558460.214160245.8	558460.2	4160245.8	1.20E-06	5.24E-09
558460.214160255.8	558460.2	4160255.8	1.25E-06	5.42E-09
558470.214160235.8	558470.2	4160235.8	1.13E-06	5.29E-09
558470.214160245.8	558470.2	4160245.8	1.18E-06	5.47E-09

			Q	V
Worker CONCENTRATIONS & DOSE			**16<30**	
			Dose (mg/kg-day)	
XY	**X**	**Y**	**OFFROAD**	**ONROAD**
558470.214160255.8	558470.2	4160255.8	1.23E-06	5.66E-09
558480.214160235.8	558480.2	4160235.8	1.11E-06	5.52E-09
558480.214160245.8	558480.2	4160245.8	1.16E-06	5.71E-09
558480.214160255.8	558480.2	4160255.8	1.21E-06	5.92E-09
558490.214160235.8	558490.2	4160235.8	1.10E-06	5.76E-09
558490.214160245.8	558490.2	4160245.8	1.14E-06	5.96E-09
558490.214160255.8	558490.2	4160255.8	1.20E-06	6.19E-09
558500.214160235.8	558500.2	4160235.8	1.09E-06	6.03E-09
558500.214160245.8	558500.2	4160245.8	1.13E-06	6.25E-09
558500.214160255.8	558500.2	4160255.8	1.19E-06	6.49E-09
558510.214160235.8	558510.2	4160235.8	1.07E-06	6.32E-09
558510.214160245.8	558510.2	4160245.8	1.12E-06	6.56E-09
558510.214160255.8	558510.2	4160255.8	1.18E-06	6.82E-09
558520.214160235.8	558520.2	4160235.8	1.06E-06	6.62E-09
558520.214160245.8	558520.2	4160245.8	1.11E-06	6.87E-09
558520.214160255.8	558520.2	4160255.8	1.17E-06	7.15E-09
558530.214160235.8	558530.2	4160235.8	1.06E-06	6.94E-09
558530.214160245.8	558530.2	4160245.8	1.11E-06	7.20E-09
558530.214160255.8	558530.2	4160255.8	1.16E-06	7.50E-09
558540.214160235.8	558540.2	4160235.8	1.05E-06	7.28E-09
558540.214160245.8	558540.2	4160245.8	1.10E-06	7.56E-09
558540.214160255.8	558540.2	4160255.8	1.16E-06	7.88E-09
558550.214160235.8	558550.2	4160235.8	1.04E-06	7.65E-09
558550.214160245.8	558550.2	4160245.8	1.10E-06	7.95E-09
558550.214160255.8	558550.2	4160255.8	1.15E-06	8.28E-09
558560.214160235.8	558560.2	4160235.8	1.04E-06	8.08E-09
558560.214160245.8	558560.2	4160245.8	1.09E-06	8.43E-09
558560.214160255.8	558560.2	4160255.8	1.15E-06	8.79E-09
558570.214160235.8	558570.2	4160235.8	1.04E-06	8.51E-09
558570.214160245.8	558570.2	4160245.8	1.09E-06	8.84E-09
558570.214160255.8	558570.2	4160255.8	1.15E-06	9.22E-09
558580.214160235.8	558580.2	4160235.8	1.04E-06	9.01E-09
558580.214160245.8	558580.2	4160245.8	1.09E-06	9.37E-09
558590.214160235.8	558590.2	4160235.8	1.04E-06	9.61E-09
558590.214160245.8	558590.2	4160245.8	1.10E-06	9.98E-09
558600.214160245.8	558600.2	4160245.8	1.10E-06	1.07E-08

Cancer Risk

					AE		AH			
					3rd Tri		0<2		2<16		Total Cancer Risk (cases per million)
					Cancer Risk (cases per million)		Cancer Risk (cases per million)		Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD	
557996.384160720.52	557996.38	4160720.52	WRKR_1	WORKER	2.65E-01	1.80E-05	5.89E+00	6.83E-04	5.21E-01	8.54E-05	6.68E+00
557996.384160730.52	557996.38	4160730.52	WRKR_2	WORKER	2.61E-01	1.79E-05	5.80E+00	6.80E-04	5.13E-01	8.50E-05	6.57E+00
557996.384160740.52	557996.38	4160740.52	WRKR_3	WORKER	2.54E-01	1.78E-05	5.64E+00	6.75E-04	4.98E-01	8.43E-05	6.39E+00
558006.384160710.52	558006.38	4160710.52	WRKR_4	WORKER	3.03E-01	1.87E-05	6.74E+00	7.10E-04	5.96E-01	8.88E-05	7.64E+00
558006.384160720.52	558006.38	4160720.52	WRKR_5	WORKER	2.99E-01	1.86E-05	6.65E+00	7.07E-04	5.88E-01	8.84E-05	7.53E+00
558006.384160730.52	558006.38	4160730.52	WRKR_6	WORKER	2.92E-01	1.85E-05	6.50E+00	7.03E-04	5.75E-01	8.79E-05	7.37E+00
558006.384160740.52	558006.38	4160740.52	WRKR_7	WORKER	2.85E-01	1.84E-05	6.34E+00	6.99E-04	5.60E-01	8.73E-05	7.18E+00
558016.384160710.52	558016.38	4160710.52	WRKR_8	WORKER	3.45E-01	1.94E-05	7.67E+00	7.35E-04	6.78E-01	9.19E-05	8.69E+00
558016.384160720.52	558016.38	4160720.52	WRKR_9	WORKER	3.39E-01	1.93E-05	7.53E+00	7.32E-04	6.66E-01	9.15E-05	8.54E+00
558016.384160730.52	558016.38	4160730.52	WRKR_10	WORKER	3.30E-01	1.92E-05	7.34E+00	7.27E-04	6.49E-01	9.09E-05	8.32E+00
558016.384160740.52	558016.38	4160740.52	WRKR_11	WORKER	3.20E-01	1.90E-05	7.11E+00	7.22E-04	6.28E-01	9.02E-05	8.06E+00
558026.384160710.52	558026.38	4160710.52	WRKR_12	WORKER	3.93E-01	2.00E-05	8.74E+00	7.60E-04	7.73E-01	9.50E-05	9.91E+00
558026.384160720.52	558026.38	4160720.52	WRKR_13	WORKER	3.87E-01	1.99E-05	8.61E+00	7.57E-04	7.61E-01	9.47E-05	9.76E+00
558026.384160730.52	558026.38	4160730.52	WRKR_14	WORKER	3.76E-01	1.98E-05	8.35E+00	7.52E-04	7.38E-01	9.41E-05	9.47E+00
558026.384160740.52	558026.38	4160740.52	WRKR_15	WORKER	3.62E-01	1.97E-05	8.04E+00	7.46E-04	7.11E-01	9.33E-05	9.12E+00
558277.534160581.24	558277.53	4160581.24	WRKR_16	WORKER	1.04E+00	9.83E-05	2.31E+01	3.73E-03	2.05E+00	4.67E-04	2.62E+01
558277.534160591.24	558277.53	4160591.24	WRKR_17	WORKER	1.26E+00	1.01E-04	2.79E+01	3.84E-03	2.47E+00	4.80E-04	3.17E+01
558287.534160581.24	558287.53	4160581.24	WRKR_18	WORKER	1.02E+00	1.11E-04	2.26E+01	4.21E-03	2.00E+00	5.27E-04	2.56E+01
558287.534160591.24	558287.53	4160591.24	WRKR_19	WORKER	1.21E+00	1.15E-04	2.69E+01	4.35E-03	2.38E+00	5.45E-04	3.05E+01
558297.534160581.24	558297.53	4160581.24	WRKR_20	WORKER	9.80E-01	1.27E-04	2.18E+01	4.81E-03	1.93E+00	6.01E-04	2.47E+01
558297.534160591.24	558297.53	4160591.24	WRKR_21	WORKER	1.16E+00	1.32E-04	2.59E+01	5.01E-03	2.29E+00	6.26E-04	2.93E+01
558307.534160581.24	558307.53	4160581.24	WRKR_22	WORKER	9.38E-01	1.46E-04	2.08E+01	5.53E-03	1.84E+00	6.91E-04	2.36E+01
558307.534160591.24	558307.53	4160591.24	WRKR_23	WORKER	1.12E+00	1.54E-04	2.49E+01	5.83E-03	2.20E+00	7.29E-04	2.82E+01
558317.534160581.24	558317.53	4160581.24	WRKR_24	WORKER	8.99E-01	1.68E-04	2.00E+01	6.39E-03	1.77E+00	7.98E-04	2.27E+01
558317.534160591.24	558317.53	4160591.24	WRKR_25	WORKER	1.07E+00	1.81E-04	2.39E+01	6.87E-03	2.11E+00	8.59E-04	2.71E+01
558327.534160581.24	558327.53	4160581.24	WRKR_26	WORKER	8.60E-01	1.94E-04	1.91E+01	7.37E-03	1.69E+00	9.22E-04	2.17E+01
558327.534160591.24	558327.53	4160591.24	WRKR_27	WORKER	1.03E+00	2.15E-04	2.29E+01	8.17E-03	2.03E+00	1.02E-03	2.60E+01
558337.534160581.24	558337.53	4160581.24	WRKR_28	WORKER	8.16E-01	2.20E-04	1.81E+01	8.36E-03	1.60E+00	1.05E-03	2.06E+01
558101.054160547.13	558101.05	4160547.13	WRKR_29	WORKER	4.62E-01	2.85E-05	1.03E+01	1.08E-03	9.07E-01	1.35E-04	1.16E+01
558101.054160557.13	558101.05	4160557.13	WRKR_30	WORKER	5.03E-01	2.87E-05	1.12E+01	1.09E-03	9.89E-01	1.36E-04	1.27E+01
558111.054160547.13	558111.05	4160547.13	WRKR_31	WORKER	4.91E-01	2.99E-05	1.09E+01	1.13E-03	9.65E-01	1.42E-04	1.24E+01
558111.054160557.13	558111.05	4160557.13	WRKR_32	WORKER	5.38E-01	3.01E-05	1.20E+01	1.14E-03	1.06E+00	1.43E-04	1.36E+01
558111.054160567.13	558111.05	4160567.13	WRKR_33	WORKER	5.92E-01	3.02E-05	1.31E+01	1.15E-03	1.16E+00	1.43E-04	1.49E+01
558121.054160537.13	558121.05	4160537.13	WRKR_34	WORKER	4.74E-01	3.11E-05	1.05E+01	1.18E-03	9.32E-01	1.48E-04	1.19E+01
558121.054160547.13	558121.05	4160547.13	WRKR_35	WORKER	5.21E-01	3.13E-05	1.16E+01	1.19E-03	1.02E+00	1.49E-04	1.31E+01
558121.054160557.13	558121.05	4160557.13	WRKR_36	WORKER	5.73E-01	3.15E-05	1.27E+01	1.20E-03	1.13E+00	1.50E-04	1.44E+01
558121.054160567.13	558121.05	4160567.13	WRKR_37	WORKER	6.34E-01	3.17E-05	1.41E+01	1.20E-03	1.25E+00	1.50E-04	1.60E+01
558121.054160577.13	558121.05	4160577.13	WRKR_38	WORKER	7.03E-01	3.18E-05	1.56E+01	1.21E-03	1.38E+00	1.51E-04	1.77E+01
558121.054160587.13	558121.05	4160587.13	WRKR_39	WORKER	7.82E-01	3.18E-05	1.74E+01	1.21E-03	1.54E+00	1.51E-04	1.97E+01
558131.054160527.13	558131.05	4160527.13	WRKR_40	WORKER	4.53E-01	3.24E-05	1.01E+01	1.23E-03	8.90E-01	1.54E-04	1.14E+01
558131.054160537.13	558131.05	4160537.13	WRKR_41	WORKER	4.98E-01	3.26E-05	1.11E+01	1.24E-03	9.79E-01	1.55E-04	1.26E+01
558131.054160547.13	558131.05	4160547.13	WRKR_42	WORKER	5.50E-01	3.29E-05	1.22E+01	1.25E-03	1.08E+00	1.56E-04	1.38E+01
558131.054160557.13	558131.05	4160557.13	WRKR_43	WORKER	6.09E-01	3.31E-05	1.35E+01	1.26E-03	1.20E+00	1.57E-04	1.53E+01
558131.054160567.13	558131.05	4160567.13	WRKR_44	WORKER	6.76E-01	3.33E-05	1.50E+01	1.26E-03	1.33E+00	1.58E-04	1.70E+01
558131.054160577.13	558131.05	4160577.13	WRKR_45	WORKER	7.55E-01	3.34E-05	1.68E+01	1.27E-03	1.48E+00	1.58E-04	1.90E+01
558131.054160587.13	558131.05	4160587.13	WRKR_46	WORKER	8.45E-01	3.34E-05	1.88E+01	1.27E-03	1.66E+00	1.59E-04	2.13E+01
558131.054160597.13	558131.05	4160597.13	WRKR_47	WORKER	9.48E-01	3.35E-05	2.11E+01	1.27E-03	1.86E+00	1.59E-04	2.39E+01
558141.054160527.13	558141.05	4160527.13	WRKR_48	WORKER	4.72E-01	3.40E-05	1.05E+01	1.29E-03	9.27E-01	1.61E-04	1.19E+01
558141.054160537.13	558141.05	4160537.13	WRKR_49	WORKER	5.21E-01	3.43E-05	1.16E+01	1.30E-03	1.02E+00	1.63E-04	1.31E+01
558141.054160547.13	558141.05	4160547.13	WRKR_50	WORKER	5.78E-01	3.46E-05	1.29E+01	1.31E-03	1.14E+00	1.64E-04	1.46E+01
558141.054160557.13	558141.05	4160557.13	WRKR_51	WORKER	6.44E-01	3.48E-05	1.43E+01	1.32E-03	1.27E+00	1.65E-04	1.62E+01
558141.054160567.13	558141.05	4160567.13	WRKR_52	WORKER	7.21E-01	3.50E-05	1.60E+01	1.33E-03	1.42E+00	1.66E-04	1.82E+01
558141.054160577.13	558141.05	4160577.13	WRKR_53	WORKER	8.09E-01	3.51E-05	1.80E+01	1.33E-03	1.59E+00	1.67E-04	2.04E+01
558141.054160587.13	558141.05	4160587.13	WRKR_54	WORKER	9.11E-01	3.52E-05	2.02E+01	1.34E-03	1.79E+00	1.67E-04	2.30E+01
558141.054160597.13	558141.05	4160597.13	WRKR_55	WORKER	1.03E+00	3.53E-05	2.28E+01	1.34E-03	2.02E+00	1.67E-04	2.59E+01
558141.054160607.13	558141.05	4160607.13	WRKR_56	WORKER	1.16E+00	3.52E-05	2.58E+01	1.34E-03	2.28E+00	1.67E-04	2.92E+01
558151.054160537.13	558151.05	4160537.13	WRKR_57	WORKER	5.43E-01	3.61E-05	1.21E+01	1.37E-03	1.07E+00	1.71E-04	1.37E+01
558151.054160547.13	558151.05	4160547.13	WRKR_58	WORKER	6.06E-01	3.64E-05	1.35E+01	1.38E-03	1.19E+00	1.73E-04	1.53E+01
558151.054160557.13	558151.05	4160557.13	WRKR_59	WORKER	6.79E-01	3.67E-05	1.51E+01	1.39E-03	1.33E+00	1.74E-04	1.71E+01
558151.054160567.13	558151.05	4160567.13	WRKR_60	WORKER	7.65E-01	3.69E-05	1.70E+01	1.40E-03	1.50E+00	1.75E-04	1.93E+01
558151.054160577.13	558151.05	4160577.13	WRKR_61	WORKER	8.65E-01	3.71E-05	1.92E+01	1.41E-03	1.70E+00	1.76E-04	2.18E+01
558151.054160587.13	558151.05	4160587.13	WRKR_62	WORKER	9.80E-01	3.72E-05	2.18E+01	1.41E-03	1.93E+00	1.76E-04	2.47E+01
558151.054160597.13	558151.05	4160597.13	WRKR_63	WORKER	1.12E+00	3.72E-05	2.50E+01	1.41E-03	2.21E+00	1.77E-04	2.83E+01
558151.054160607.13	558151.05	4160607.13	WRKR_64	WORKER	1.29E+00	3.72E-05	2.86E+01	1.41E-03	2.53E+00	1.77E-04	3.24E+01
558151.054160617.13	558151.05	4160617.13	WRKR_65	WORKER	1.47E+00	3.71E-05	3.27E+01	1.41E-03	2.89E+00	1.76E-04	3.70E+01
558161.054160547.13	558161.05	4160547.13	WRKR_66	WORKER	6.37E-01	3.84E-05	1.42E+01	1.46E-03	1.25E+00	1.82E-04	1.61E+01
558161.054160557.13	558161.05	4160557.13	WRKR_67	WORKER	7.14E-01	3.87E-05	1.59E+01	1.47E-03	1.40E+00	1.84E-04	1.80E+01
558161.054160567.13	558161.05	4160567.13	WRKR_68	WORKER	8.10E-01	3.90E-05	1.80E+01	1.48E-03	1.59E+00	1.85E-04	2.04E+01
558161.054160577.13	558161.05	4160577.13	WRKR_69	WORKER	9.22E-01	3.92E-05	2.05E+01	1.49E-03	1.81E+00	1.86E-04	2.32E+01
558161.054160587.13	558161.05	4160587.13	WRKR_70	WORKER	1.05E+00	3.93E-05	2.34E+01	1.49E-03	2.07E+00	1.87E-04	2.65E+01
558161.054160597.13	558161.05	4160597.13	WRKR_71	WORKER	1.23E+00	3.94E-05	2.74E+01	1.50E-03	2.42E+00	1.87E-04	3.10E+01
558161.054160607.13	558161.05	4160607.13	WRKR_72	WORKER	1.41E+00	3.93E-05	3.13E+01	1.49E-03	2.77E+00	1.87E-04	3.55E+01
558171.054160557.13	558171.05	4160557.13	WRKR_73	WORKER	7.54E-01	4.10E-05	1.68E+01	1.55E-03	1.48E+00	1.94E-04	1.90E+01
558171.054160567.13	558171.05	4160567.13	WRKR_74	WORKER	8.52E-01	4.12E-05	1.89E+01	1.57E-03	1.67E+00	1.96E-04	2.15E+01
558171.054160577.13	558171.05	4160577.13	WRKR_75	WORKER	9.77E-01	4.15E-05	2.17E+01	1.58E-03	1.92E+00	1.97E-04	2.46E+01
558171.054160587.13	558171.05	4160587.13	WRKR_76	WORKER	1.12E+00	4.17E-05	2.50E+01	1.58E-03	2.21E+00	1.98E-04	2.83E+01
558171.054160597.13	558171.05	4160597.13	WRKR_77	WORKER	1.33E+00	4.18E-05	2.96E+01	1.59E-03	2.61E+00	1.98E-04	3.35E+01
558181.054160567.13	558181.05	4160567.13	WRKR_78	WORKER	9.01E-01	4.38E-05	2.00E+01	1.66E-03	1.77E+00	2.08E-04	2.27E+01
558181.054160577.13	558181.05	4160577.13	WRKR_79	WORKER	1.03E+00	4.41E-05	2.30E+01	1.67E-03	2.03E+00	2.09E-04	2.60E+01
558181.054160587.13	558181.05	4160587.13	WRKR_80	WORKER	1.20E+00	4.43E-05	2.67E+01	1.68E-03	2.36E+00	2.10E-04	3.02E+01
558191.054160577.13	558191.05	4160577.13	WRKR_81	WORKER	1.08E+00	4.68E-05	2.40E+01	1.78E-03	2.12E+00	2.22E-04	2.72E+01
558368.544160582.33	558368.54	4160582.33	WRKR_82	WORKER	7.19E-01	3.07E-04	1.60E+01	1.17E-02	1.41E+00	1.46E-03	1.81E+01
558378.544160582.33	558378.54	4160582.33	WRKR_83	WORKER	6.81E-01	3.23E-04	1.51E+01	1.23E-02	1.34E+00	1.53E-03	1.72E+01
558378.544160592.33	558378.54	4160592.33	WRKR_84	WORKER	7.71E-01	3.94E-04	1.71E+01	1.49E-02	1.52E+00	1.87E-03	1.94E+01
558378.544160602.33	558378.54	4160602.33	WRKR_85	WORKER	8.69E-01	4.82E-04	1.93E+01	1.83E-02	1.71E+00	2.29E-03	2.19E+01
558378.544160612.33	558378.54	4160612.33	WRKR_86	WORKER	1.01E+00	6.46E-04	2.25E+01	2.45E-02	1.99E+00	3.07E-03	2.55E+01
558388.544160582.33	558388.54	4160582.33	WRKR_87	WORKER	6.37E-01	3.39E-04	1.42E+01	1.29E-02	1.25E+00	1.61E-03	1.61E+01

Cancer Risk

					AE		AH			
					3rd Tri		0<2		2<16		Total Cancer Risk (cases per million)
					Cancer Risk (cases per million)		Cancer Risk (cases per million)		Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD	
558388.544160592.33	558388.54	4160592.33	WRKR_88	WORKER	7.16E-01	4.17E-04	1.59E+01	1.58E-02	1.41E+00	1.98E-03	1.80E+01
558388.544160602.33	558388.54	4160602.33	WRKR_89	WORKER	8.01E-01	5.13E-04	1.78E+01	1.95E-02	1.57E+00	2.43E-03	2.02E+01
558388.544160612.33	558388.54	4160612.33	WRKR_90	WORKER	9.31E-01	4.56E-04	2.07E+01	1.73E-02	1.83E+00	2.16E-03	2.35E+01
558398.544160582.33	558398.54	4160582.33	WRKR_91	WORKER	5.88E-01	3.58E-04	1.31E+01	1.36E-02	1.16E+00	1.70E-03	1.48E+01
558398.544160592.33	558398.54	4160592.33	WRKR_92	WORKER	6.58E-01	4.30E-04	1.46E+01	1.63E-02	1.29E+00	2.04E-03	1.66E+01
558398.544160602.33	558398.54	4160602.33	WRKR_93	WORKER	7.41E-01	5.42E-04	1.65E+01	2.06E-02	1.46E+00	2.57E-03	1.87E+01
558398.544160612.33	558398.54	4160612.33	WRKR_94	WORKER	8.52E-01	5.06E-04	1.89E+01	1.92E-02	1.67E+00	2.40E-03	2.15E+01
557976.094160490.12	557976.09	4160490.12	HLTN_1	RESIDENT	1.43E-01	1.71E-05	3.17E+00	6.50E-04	2.80E-01	8.12E-05	3.59E+00
557976.094160500.12	557976.09	4160500.12	HLTN_2	RESIDENT	1.48E-01	1.72E-05	3.29E+00	6.54E-04	2.91E-01	8.18E-05	3.73E+00
557976.094160510.12	557976.09	4160510.12	HLTN_3	RESIDENT	1.55E-01	1.74E-05	3.44E+00	6.59E-04	3.04E-01	8.24E-05	3.89E+00
557976.094160520.12	557976.09	4160520.12	HLTN_4	RESIDENT	1.61E-01	1.75E-05	3.58E+00	6.63E-04	3.16E-01	8.29E-05	4.05E+00
557976.094160530.12	557976.09	4160530.12	HLTN_5	RESIDENT	1.66E-01	1.76E-05	3.69E+00	6.67E-04	3.27E-01	8.33E-05	4.19E+00
557986.094160480.12	557986.09	4160480.12	HLTN_6	RESIDENT	1.47E-01	1.76E-05	3.27E+00	6.67E-04	2.89E-01	8.35E-05	3.70E+00
557986.094160490.12	557986.09	4160490.12	HLTN_7	RESIDENT	1.55E-01	1.78E-05	3.45E+00	6.74E-04	3.05E-01	8.42E-05	3.91E+00
557986.094160500.12	557986.09	4160500.12	HLTN_8	RESIDENT	1.61E-01	1.79E-05	3.58E+00	6.78E-04	3.16E-01	8.48E-05	4.05E+00
557986.094160510.12	557986.09	4160510.12	HLTN_9	RESIDENT	1.67E-01	1.80E-05	3.71E+00	6.82E-04	3.28E-01	8.53E-05	4.20E+00
557986.094160520.12	557986.09	4160520.12	HLTN_10	RESIDENT	1.73E-01	1.81E-05	3.84E+00	6.86E-04	3.40E-01	8.58E-05	4.36E+00
557986.094160530.12	557986.09	4160530.12	HLTN_11	RESIDENT	1.79E-01	1.82E-05	3.98E+00	6.89E-04	3.52E-01	8.62E-05	4.51E+00
557996.094160480.12	557996.09	4160480.12	HLTN_12	RESIDENT	1.59E-01	1.83E-05	3.53E+00	6.93E-04	3.12E-01	8.66E-05	4.01E+00
557996.094160490.12	557996.09	4160490.12	HLTN_13	RESIDENT	1.65E-01	1.84E-05	3.68E+00	6.98E-04	3.25E-01	8.72E-05	4.17E+00
557996.094160500.12	557996.09	4160500.12	HLTN_14	RESIDENT	1.72E-01	1.85E-05	3.82E+00	7.02E-04	3.38E-01	8.78E-05	4.33E+00
557996.094160510.12	557996.09	4160510.12	HLTN_15	RESIDENT	1.79E-01	1.86E-05	3.98E+00	7.06E-04	3.52E-01	8.83E-05	4.51E+00
557996.094160520.12	557996.09	4160520.12	HLTN_16	RESIDENT	1.86E-01	1.87E-05	4.13E+00	7.10E-04	3.65E-01	8.87E-05	4.68E+00
557996.094160530.12	557996.09	4160530.12	HLTN_17	RESIDENT	1.93E-01	1.88E-05	4.29E+00	7.13E-04	3.80E-01	8.92E-05	4.87E+00
557996.094160540.12	557996.09	4160540.12	HLTN_18	RESIDENT	2.01E-01	1.89E-05	4.46E+00	7.16E-04	3.94E-01	8.95E-05	5.05E+00
557996.094160550.12	557996.09	4160550.12	HLTN_19	RESIDENT	2.08E-01	1.89E-05	4.63E+00	7.18E-04	4.09E-01	8.98E-05	5.24E+00
557996.094160560.12	557996.09	4160560.12	HLTN_20	RESIDENT	2.16E-01	1.90E-05	4.79E+00	7.20E-04	4.24E-01	9.01E-05	5.43E+00
557996.094160570.12	557996.09	4160570.12	HLTN_21	RESIDENT	2.23E-01	1.90E-05	4.96E+00	7.21E-04	4.39E-01	9.02E-05	5.62E+00
558006.094160480.12	558006.09	4160480.12	HLTN_22	RESIDENT	1.69E-01	1.89E-05	3.76E+00	7.17E-04	3.32E-01	8.96E-05	4.26E+00
558006.094160490.12	558006.09	4160490.12	HLTN_23	RESIDENT	1.76E-01	1.90E-05	3.92E+00	7.21E-04	3.46E-01	9.02E-05	4.44E+00
558006.094160500.12	558006.09	4160500.12	HLTN_24	RESIDENT	1.84E-01	1.91E-05	4.09E+00	7.26E-04	3.61E-01	9.08E-05	4.63E+00
558006.094160510.12	558006.09	4160510.12	HLTN_25	RESIDENT	1.92E-01	1.92E-05	4.26E+00	7.30E-04	3.77E-01	9.13E-05	4.83E+00
558006.094160520.12	558006.09	4160520.12	HLTN_26	RESIDENT	2.00E-01	1.93E-05	4.45E+00	7.34E-04	3.93E-01	9.18E-05	5.04E+00
558006.094160530.12	558006.09	4160530.12	HLTN_27	RESIDENT	2.08E-01	1.94E-05	4.63E+00	7.38E-04	4.10E-01	9.23E-05	5.25E+00
558006.094160540.12	558006.09	4160540.12	HLTN_28	RESIDENT	2.17E-01	1.95E-05	4.83E+00	7.41E-04	4.27E-01	9.27E-05	5.47E+00
558006.094160550.12	558006.09	4160550.12	HLTN_29	RESIDENT	2.26E-01	1.96E-05	5.03E+00	7.44E-04	4.44E-01	9.30E-05	5.70E+00
558006.094160560.12	558006.09	4160560.12	HLTN_30	RESIDENT	2.35E-01	1.97E-05	5.23E+00	7.46E-04	4.62E-01	9.33E-05	5.92E+00
558006.094160570.12	558006.09	4160570.12	HLTN_31	RESIDENT	2.44E-01	1.97E-05	5.42E+00	7.47E-04	4.80E-01	9.34E-05	6.15E+00
558016.094160480.12	558016.09	4160480.12	HLTN_32	RESIDENT	1.79E-01	1.95E-05	3.99E+00	7.42E-04	3.53E-01	9.27E-05	4.52E+00
558016.094160490.12	558016.09	4160490.12	HLTN_33	RESIDENT	1.88E-01	1.97E-05	4.17E+00	7.47E-04	3.69E-01	9.33E-05	4.73E+00
558016.094160500.12	558016.09	4160500.12	HLTN_34	RESIDENT	1.96E-01	1.98E-05	4.37E+00	7.52E-04	3.86E-01	9.40E-05	4.95E+00
558016.094160510.12	558016.09	4160510.12	HLTN_35	RESIDENT	2.06E-01	1.99E-05	4.57E+00	7.56E-04	4.04E-01	9.45E-05	5.18E+00
558016.094160520.12	558016.09	4160520.12	HLTN_36	RESIDENT	2.15E-01	2.00E-05	4.78E+00	7.60E-04	4.23E-01	9.50E-05	5.42E+00
558016.094160530.12	558016.09	4160530.12	HLTN_37	RESIDENT	2.25E-01	2.01E-05	5.00E+00	7.65E-04	4.42E-01	9.56E-05	5.67E+00
558016.094160540.12	558016.09	4160540.12	HLTN_38	RESIDENT	2.35E-01	2.02E-05	5.23E+00	7.68E-04	4.62E-01	9.61E-05	5.92E+00
558016.094160550.12	558016.09	4160550.12	HLTN_39	RESIDENT	2.46E-01	2.03E-05	5.46E+00	7.71E-04	4.83E-01	9.64E-05	6.19E+00
558016.094160560.12	558016.09	4160560.12	HLTN_40	RESIDENT	2.57E-01	2.04E-05	5.71E+00	7.73E-04	5.05E-01	9.67E-05	6.47E+00
558016.094160570.12	558016.09	4160570.12	HLTN_41	RESIDENT	2.68E-01	2.04E-05	5.95E+00	7.75E-04	5.26E-01	9.69E-05	6.74E+00
558026.094160480.12	558026.09	4160480.12	HLTN_42	RESIDENT	1.90E-01	2.02E-05	4.23E+00	7.68E-04	3.74E-01	9.60E-05	4.80E+00
558026.094160490.12	558026.09	4160490.12	HLTN_43	RESIDENT	2.00E-01	2.04E-05	4.44E+00	7.74E-04	3.93E-01	9.67E-05	5.03E+00
558026.094160500.12	558026.09	4160500.12	HLTN_44	RESIDENT	2.10E-01	2.05E-05	4.66E+00	7.78E-04	4.12E-01	9.73E-05	5.28E+00
558026.094160510.12	558026.09	4160510.12	HLTN_45	RESIDENT	2.20E-01	2.06E-05	4.88E+00	7.82E-04	4.32E-01	9.78E-05	5.54E+00
558026.094160520.12	558026.09	4160520.12	HLTN_46	RESIDENT	2.31E-01	2.07E-05	5.14E+00	7.87E-04	4.54E-01	9.84E-05	5.82E+00
558026.094160530.12	558026.09	4160530.12	HLTN_47	RESIDENT	2.43E-01	2.09E-05	5.40E+00	7.93E-04	4.77E-01	9.91E-05	6.12E+00
558026.094160540.12	558026.09	4160540.12	HLTN_48	RESIDENT	2.55E-01	2.10E-05	5.66E+00	7.97E-04	5.01E-01	9.97E-05	6.42E+00
558026.094160550.12	558026.09	4160550.12	HLTN_49	RESIDENT	2.67E-01	2.11E-05	5.94E+00	8.00E-04	5.25E-01	1.00E-04	6.74E+00
558026.094160560.12	558026.09	4160560.12	HLTN_50	RESIDENT	2.80E-01	2.11E-05	6.23E+00	8.03E-04	5.51E-01	1.00E-04	7.06E+00
558026.094160570.12	558026.09	4160570.12	HLTN_51	RESIDENT	2.94E-01	2.12E-05	6.53E+00	8.04E-04	5.77E-01	1.01E-04	7.40E+00
558036.094160480.12	558036.09	4160480.12	HLTN_52	RESIDENT	2.01E-01	2.09E-05	4.47E+00	7.94E-04	3.95E-01	9.93E-05	5.07E+00
558036.094160490.12	558036.09	4160490.12	HLTN_53	RESIDENT	2.12E-01	2.11E-05	4.72E+00	8.00E-04	4.17E-01	1.00E-04	5.35E+00
558036.094160500.12	558036.09	4160500.12	HLTN_54	RESIDENT	2.22E-01	2.12E-05	4.93E+00	8.05E-04	4.36E-01	1.01E-04	5.59E+00
558036.094160510.12	558036.09	4160510.12	HLTN_55	RESIDENT	2.31E-01	2.13E-05	5.12E+00	8.08E-04	4.53E-01	1.01E-04	5.81E+00
558036.094160520.12	558036.09	4160520.12	HLTN_56	RESIDENT	2.45E-01	2.15E-05	5.45E+00	8.15E-04	4.82E-01	1.02E-04	6.18E+00
558036.094160530.12	558036.09	4160530.12	HLTN_57	RESIDENT	2.62E-01	2.17E-05	5.82E+00	8.23E-04	5.14E-01	1.03E-04	6.59E+00
558036.094160540.12	558036.09	4160540.12	HLTN_58	RESIDENT	2.76E-01	2.18E-05	6.13E+00	8.27E-04	5.42E-01	1.03E-04	6.95E+00
558036.094160550.12	558036.09	4160550.12	HLTN_59	RESIDENT	2.91E-01	2.19E-05	6.46E+00	8.31E-04	5.71E-01	1.04E-04	7.32E+00
558036.094160560.12	558036.09	4160560.12	HLTN_60	RESIDENT	3.06E-01	2.20E-05	6.81E+00	8.33E-04	6.02E-01	1.04E-04	7.72E+00
558046.094160480.12	558046.09	4160480.12	HLTN_61	RESIDENT	2.08E-01	2.16E-05	4.62E+00	8.19E-04	4.08E-01	1.02E-04	5.23E+00
558046.094160490.12	558046.09	4160490.12	HLTN_62	RESIDENT	2.19E-01	2.17E-05	4.88E+00	8.25E-04	4.31E-01	1.03E-04	5.53E+00
558046.094160500.12	558046.09	4160500.12	HLTN_63	RESIDENT	2.31E-01	2.19E-05	5.13E+00	8.30E-04	4.53E-01	1.04E-04	5.81E+00
558046.094160510.12	558046.09	4160510.12	HLTN_64	RESIDENT	2.43E-01	2.20E-05	5.40E+00	8.34E-04	4.77E-01	1.04E-04	6.12E+00
558046.094160520.12	558046.09	4160520.12	HLTN_65	RESIDENT	2.61E-01	2.23E-05	5.80E+00	8.45E-04	5.12E-01	1.06E-04	6.57E+00
558046.094160530.12	558046.09	4160530.12	HLTN_66	RESIDENT	2.82E-01	2.25E-05	6.26E+00	8.54E-04	5.54E-01	1.07E-04	7.10E+00
558046.094160540.12	558046.09	4160540.12	HLTN_67	RESIDENT	2.98E-01	2.26E-05	6.63E+00	8.59E-04	5.86E-01	1.07E-04	7.51E+00
558046.094160550.12	558046.09	4160550.12	HLTN_68	RESIDENT	3.16E-01	2.27E-05	7.02E+00	8.63E-04	6.20E-01	1.08E-04	7.95E+00
558056.094160480.12	558056.09	4160480.12	HLTN_69	RESIDENT	2.18E-01	2.24E-05	4.84E+00	8.48E-04	4.28E-01	1.06E-04	5.49E+00
558056.094160490.12	558056.09	4160490.12	HLTN_70	RESIDENT	2.30E-01	2.25E-05	5.11E+00	8.54E-04	4.52E-01	1.07E-04	5.79E+00
558056.094160500.12	558056.09	4160500.12	HLTN_71	RESIDENT	2.42E-01	2.26E-05	5.38E+00	8.58E-04	4.76E-01	1.07E-04	6.10E+00
558056.094160510.12	558056.09	4160510.12	HLTN_72	RESIDENT	2.57E-01	2.28E-05	5.71E+00	8.64E-04	5.05E-01	1.08E-04	6.47E+00
558056.094160520.12	558056.09	4160520.12	HLTN_73	RESIDENT	2.79E-01	2.31E-05	6.21E+00	8.79E-04	5.49E-01	1.10E-04	7.04E+00
558056.094160530.12	558056.09	4160530.12	HLTN_74	RESIDENT	3.03E-01	2.34E-05	6.73E+00	8.88E-04	5.95E-01	1.11E-04	7.63E+00
558056.094160540.12	558056.09	4160540.12	HLTN_75	RESIDENT	3.22E-01	2.35E-05	7.15E+00	8.94E-04	6.32E-01	1.12E-04	8.10E+00
558066.094160480.12	558066.09	4160480.12	HLTN_76	RESIDENT	2.36E-01	2.34E-05	5.25E+00	8.90E-04	4.64E-01	1.11E-04	5.95E+00
558066.094160490.12	558066.09	4160490.12	HLTN_77	RESIDENT	2.50E-01	2.36E-05	5.55E+00	8.95E-04	4.91E-01	1.12E-04	6.29E+00
558066.094160500.12	558066.09	4160500.12	HLTN_78	RESIDENT	2.58E-01	2.36E-05	5.74E+00	8.95E-04	5.07E-01	1.12E-04	6.50E+00
558066.094160510.12	558066.09	4160510.12	HLTN_79	RESIDENT	2.80E-01	2.39E-05	6.22E+00	9.07E-04	5.50E-01	1.13E-04	7.05E+00
558066.094160520.12	558066.09	4160520.12	HLTN_80	RESIDENT	3.04E-01	2.42E-05	6.75E+00	9.18E-04	5.97E-01	1.15E-04	7.65E+00

Cancer Risk

					AE		AH			
					3rd Tri		0<2		2<16		Total Cancer Risk (cases per million)
					Cancer Risk (cases per million)		Cancer Risk (cases per million)		Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD	
558066.094160530.12	558066.09	4160530.12	HLTN_81	RESIDENT	3.24E-01	2.44E-05	7.20E+00	9.25E-04	6.37E-01	1.16E-04	8.16E+00
558076.094160480.12	558076.09	4160480.12	HLTN_82	RESIDENT	2.47E-01	2.44E-05	5.50E+00	9.27E-04	4.86E-01	1.16E-04	6.24E+00
558076.094160490.12	558076.09	4160490.12	HLTN_83	RESIDENT	2.64E-01	2.46E-05	5.87E+00	9.33E-04	5.19E-01	1.17E-04	6.65E+00
558076.094160500.12	558076.09	4160500.12	HLTN_84	RESIDENT	2.73E-01	2.45E-05	6.06E+00	9.31E-04	5.36E-01	1.16E-04	6.87E+00
558076.094160510.12	558076.09	4160510.12	HLTN_85	RESIDENT	3.01E-01	2.50E-05	6.70E+00	9.47E-04	5.92E-01	1.18E-04	7.59E+00
558076.094160520.12	558076.09	4160520.12	HLTN_86	RESIDENT	3.23E-01	2.52E-05	7.17E+00	9.57E-04	6.34E-01	1.20E-04	8.13E+00
558086.094160490.12	558086.09	4160490.12	HLTN_87	RESIDENT	2.74E-01	2.56E-05	6.09E+00	9.70E-04	5.39E-01	1.21E-04	6.91E+00
558086.094160500.12	558086.09	4160500.12	HLTN_88	RESIDENT	2.90E-01	2.57E-05	6.45E+00	9.75E-04	5.70E-01	1.22E-04	7.31E+00
558086.094160510.12	558086.09	4160510.12	HLTN_89	RESIDENT	3.18E-01	2.60E-05	7.08E+00	9.89E-04	6.26E-01	1.24E-04	8.02E+00
558096.094160490.12	558096.09	4160490.12	HLTN_90	RESIDENT	2.85E-01	2.66E-05	6.33E+00	1.01E-03	5.60E-01	1.26E-04	7.18E+00
558096.094160500.12	558096.09	4160500.12	HLTN_91	RESIDENT	3.11E-01	2.69E-05	6.91E+00	1.02E-03	6.11E-01	1.28E-04	7.83E+00
558186.784160496.28	558186.78	4160496.28	WRKR_95	WORKER	3.60E-01	4.16E-05	8.01E+00	1.58E-03	7.08E-01	1.97E-04	9.08E+00
558186.784160506.28	558186.78	4160506.28	WRKR_96	WORKER	3.96E-01	4.18E-05	8.80E+00	1.59E-03	7.78E-01	1.98E-04	9.97E+00
558196.784160496.28	558196.78	4160496.28	WRKR_97	WORKER	3.61E-01	4.42E-05	8.02E+00	1.68E-03	7.09E-01	2.10E-04	9.09E+00
558196.784160506.28	558196.78	4160506.28	WRKR_98	WORKER	3.95E-01	4.45E-05	8.78E+00	1.69E-03	7.76E-01	2.11E-04	9.95E+00
558196.784160516.28	558196.78	4160516.28	WRKR_99	WORKER	4.39E-01	4.49E-05	9.75E+00	1.70E-03	8.62E-01	2.13E-04	1.11E+01
558196.784160526.28	558196.78	4160526.28	WRKR_100	WORKER	4.97E-01	4.56E-05	1.11E+01	1.73E-03	9.78E-01	2.16E-04	1.25E+01
558206.784160506.28	558206.78	4160506.28	WRKR_101	WORKER	3.94E-01	4.75E-05	8.76E+00	1.80E-03	7.74E-01	2.26E-04	9.93E+00
558206.784160516.28	558206.78	4160516.28	WRKR_102	WORKER	4.39E-01	4.81E-05	9.76E+00	1.83E-03	8.63E-01	2.28E-04	1.11E+01
558206.784160526.28	558206.78	4160526.28	WRKR_103	WORKER	4.92E-01	4.86E-05	1.09E+01	1.85E-03	9.68E-01	2.31E-04	1.24E+01
558206.784160536.28	558206.78	4160536.28	WRKR_104	WORKER	5.63E-01	4.94E-05	1.25E+01	1.87E-03	1.11E+00	2.34E-04	1.42E+01
558216.784160516.28	558216.78	4160516.28	WRKR_105	WORKER	4.36E-01	5.15E-05	9.68E+00	1.95E-03	8.56E-01	2.44E-04	1.10E+01
558216.784160526.28	558216.78	4160526.28	WRKR_106	WORKER	4.88E-01	5.22E-05	1.08E+01	1.98E-03	9.58E-01	2.48E-04	1.23E+01
558216.784160536.28	558216.78	4160536.28	WRKR_107	WORKER	5.51E-01	5.28E-05	1.22E+01	2.01E-03	1.08E+00	2.51E-04	1.39E+01
558216.784160546.28	558216.78	4160546.28	WRKR_108	WORKER	6.32E-01	5.35E-05	1.40E+01	2.03E-03	1.24E+00	2.54E-04	1.59E+01
558226.784160526.28	558226.78	4160526.28	WRKR_109	WORKER	4.81E-01	5.60E-05	1.07E+01	2.13E-03	9.45E-01	2.66E-04	1.21E+01
558226.784160536.28	558226.78	4160536.28	WRKR_110	WORKER	5.45E-01	5.69E-05	1.21E+01	2.16E-03	1.07E+00	2.70E-04	1.37E+01
558226.784160546.28	558226.78	4160546.28	WRKR_111	WORKER	6.25E-01	5.78E-05	1.39E+01	2.19E-03	1.23E+00	2.74E-04	1.57E+01
558236.784160536.28	558236.78	4160536.28	WRKR_112	WORKER	5.30E-01	6.13E-05	1.18E+01	2.33E-03	1.04E+00	2.91E-04	1.34E+01
558115.174160402.59	558115.17	4160402.59	WRKR_113	WORKER	1.67E-01	2.67E-05	3.71E+00	1.01E-03	3.28E-01	1.27E-04	4.20E+00
558115.174160412.59	558115.17	4160412.59	WRKR_114	WORKER	1.78E-01	2.70E-05	3.96E+00	1.02E-03	3.50E-01	1.28E-04	4.48E+00
558115.174160422.59	558115.17	4160422.59	WRKR_115	WORKER	1.90E-01	2.72E-05	4.23E+00	1.03E-03	3.74E-01	1.29E-04	4.79E+00
558115.174160432.59	558115.17	4160432.59	WRKR_116	WORKER	2.04E-01	2.75E-05	4.53E+00	1.05E-03	4.00E-01	1.31E-04	5.13E+00
558115.174160442.59	558115.17	4160442.59	WRKR_117	WORKER	2.18E-01	2.78E-05	4.85E+00	1.06E-03	4.29E-01	1.32E-04	5.50E+00
558125.174160392.59	558125.17	4160392.59	WRKR_118	WORKER	1.58E-01	2.75E-05	3.51E+00	1.04E-03	3.10E-01	1.30E-04	3.98E+00
558125.174160402.59	558125.17	4160402.59	WRKR_119	WORKER	1.68E-01	2.78E-05	3.74E+00	1.06E-03	3.31E-01	1.32E-04	4.25E+00
558125.174160412.59	558125.17	4160412.59	WRKR_120	WORKER	1.80E-01	2.81E-05	4.00E+00	1.07E-03	3.54E-01	1.33E-04	4.54E+00
558125.174160422.59	558125.17	4160422.59	WRKR_121	WORKER	1.93E-01	2.84E-05	4.29E+00	1.08E-03	3.79E-01	1.35E-04	4.86E+00
558125.174160432.59	558125.17	4160432.59	WRKR_122	WORKER	2.07E-01	2.87E-05	4.60E+00	1.09E-03	4.07E-01	1.36E-04	5.21E+00
558125.174160442.59	558125.17	4160442.59	WRKR_123	WORKER	2.22E-01	2.90E-05	4.94E+00	1.10E-03	4.37E-01	1.38E-04	5.60E+00
558135.174160372.59	558135.17	4160372.59	WRKR_124	WORKER	1.40E-01	2.79E-05	3.10E+00	1.06E-03	2.74E-01	1.33E-04	3.52E+00
558135.174160382.59	558135.17	4160382.59	WRKR_125	WORKER	1.49E-01	2.83E-05	3.30E+00	1.07E-03	2.92E-01	1.34E-04	3.75E+00
558135.174160392.59	558135.17	4160392.59	WRKR_126	WORKER	1.59E-01	2.86E-05	3.53E+00	1.09E-03	3.12E-01	1.36E-04	4.00E+00
558135.174160402.59	558135.17	4160402.59	WRKR_127	WORKER	1.70E-01	2.90E-05	3.77E+00	1.10E-03	3.33E-01	1.38E-04	4.28E+00
558135.174160412.59	558135.17	4160412.59	WRKR_128	WORKER	1.82E-01	2.93E-05	4.04E+00	1.11E-03	3.57E-01	1.39E-04	4.58E+00
558135.174160422.59	558135.17	4160422.59	WRKR_129	WORKER	1.95E-01	2.97E-05	4.33E+00	1.13E-03	3.83E-01	1.41E-04	4.91E+00
558135.174160432.59	558135.17	4160432.59	WRKR_130	WORKER	2.09E-01	3.00E-05	4.65E+00	1.14E-03	4.11E-01	1.42E-04	5.28E+00
558135.174160442.59	558135.17	4160442.59	WRKR_131	WORKER	2.25E-01	3.04E-05	5.01E+00	1.15E-03	4.43E-01	1.44E-04	5.68E+00
558145.174160372.59	558145.17	4160372.59	WRKR_132	WORKER	1.39E-01	2.91E-05	3.10E+00	1.10E-03	2.74E-01	1.38E-04	3.52E+00
558145.174160382.59	558145.17	4160382.59	WRKR_133	WORKER	1.49E-01	2.95E-05	3.31E+00	1.12E-03	2.92E-01	1.40E-04	3.75E+00
558145.174160392.59	558145.17	4160392.59	WRKR_134	WORKER	1.59E-01	2.99E-05	3.53E+00	1.13E-03	3.12E-01	1.42E-04	4.01E+00
558145.174160402.59	558145.17	4160402.59	WRKR_135	WORKER	1.70E-01	3.02E-05	3.78E+00	1.15E-03	3.34E-01	1.44E-04	4.29E+00
558145.174160412.59	558145.17	4160412.59	WRKR_136	WORKER	1.82E-01	3.06E-05	4.06E+00	1.16E-03	3.59E-01	1.45E-04	4.60E+00
558145.174160422.59	558145.17	4160422.59	WRKR_137	WORKER	1.96E-01	3.10E-05	4.36E+00	1.18E-03	3.85E-01	1.47E-04	4.94E+00
558145.174160432.59	558145.17	4160432.59	WRKR_138	WORKER	2.11E-01	3.14E-05	4.69E+00	1.19E-03	4.15E-01	1.49E-04	5.32E+00
558145.174160442.59	558145.17	4160442.59	WRKR_139	WORKER	2.28E-01	3.18E-05	5.06E+00	1.21E-03	4.47E-01	1.51E-04	5.73E+00
558155.174160372.59	558155.17	4160372.59	WRKR_140	WORKER	1.39E-01	3.03E-05	3.09E+00	1.15E-03	2.73E-01	1.44E-04	3.50E+00
558155.174160382.59	558155.17	4160382.59	WRKR_141	WORKER	1.48E-01	3.08E-05	3.30E+00	1.17E-03	2.92E-01	1.46E-04	3.74E+00
558155.174160392.59	558155.17	4160392.59	WRKR_142	WORKER	1.59E-01	3.12E-05	3.53E+00	1.18E-03	3.12E-01	1.48E-04	4.00E+00
558155.174160402.59	558155.17	4160402.59	WRKR_143	WORKER	1.70E-01	3.16E-05	3.78E+00	1.20E-03	3.34E-01	1.50E-04	4.28E+00
558155.174160412.59	558155.17	4160412.59	WRKR_144	WORKER	1.82E-01	3.20E-05	4.06E+00	1.22E-03	3.59E-01	1.52E-04	4.60E+00
558155.174160422.59	558155.17	4160422.59	WRKR_145	WORKER	1.96E-01	3.24E-05	4.36E+00	1.23E-03	3.86E-01	1.54E-04	4.95E+00
558155.174160432.59	558155.17	4160432.59	WRKR_146	WORKER	2.12E-01	3.28E-05	4.70E+00	1.25E-03	4.16E-01	1.56E-04	5.33E+00
558155.174160442.59	558155.17	4160442.59	WRKR_147	WORKER	2.29E-01	3.33E-05	5.08E+00	1.26E-03	4.49E-01	1.58E-04	5.76E+00
558165.174160362.59	558165.17	4160362.59	WRKR_148	WORKER	1.29E-01	3.11E-05	2.88E+00	1.18E-03	2.54E-01	1.48E-04	3.26E+00
558165.174160372.59	558165.17	4160372.59	WRKR_149	WORKER	1.38E-01	3.16E-05	3.07E+00	1.20E-03	2.71E-01	1.50E-04	3.48E+00
558165.174160382.59	558165.17	4160382.59	WRKR_150	WORKER	1.47E-01	3.21E-05	3.28E+00	1.22E-03	2.90E-01	1.52E-04	3.71E+00
558165.174160392.59	558165.17	4160392.59	WRKR_151	WORKER	1.58E-01	3.26E-05	3.51E+00	1.24E-03	3.10E-01	1.55E-04	3.98E+00
558165.174160402.59	558165.17	4160402.59	WRKR_152	WORKER	1.69E-01	3.30E-05	3.76E+00	1.25E-03	3.33E-01	1.57E-04	4.26E+00
558165.174160412.59	558165.17	4160412.59	WRKR_153	WORKER	1.82E-01	3.35E-05	4.04E+00	1.27E-03	3.57E-01	1.59E-04	4.58E+00
558165.174160422.59	558165.17	4160422.59	WRKR_154	WORKER	1.96E-01	3.40E-05	4.35E+00	1.29E-03	3.85E-01	1.61E-04	4.93E+00
558165.174160432.59	558165.17	4160432.59	WRKR_155	WORKER	2.11E-01	3.44E-05	4.70E+00	1.31E-03	4.15E-01	1.63E-04	5.33E+00
558175.174160362.59	558175.17	4160362.59	WRKR_156	WORKER	1.28E-01	3.24E-05	2.84E+00	1.23E-03	2.51E-01	1.54E-04	3.22E+00
558175.174160372.59	558175.17	4160372.59	WRKR_157	WORKER	1.36E-01	3.30E-05	3.03E+00	1.25E-03	2.68E-01	1.56E-04	3.44E+00
558175.174160382.59	558175.17	4160382.59	WRKR_158	WORKER	1.46E-01	3.35E-05	3.24E+00	1.27E-03	2.87E-01	1.59E-04	3.68E+00
558175.174160392.59	558175.17	4160392.59	WRKR_159	WORKER	1.56E-01	3.40E-05	3.47E+00	1.29E-03	3.07E-01	1.62E-04	3.94E+00
558175.174160402.59	558175.17	4160402.59	WRKR_160	WORKER	1.68E-01	3.46E-05	3.73E+00	1.31E-03	3.30E-01	1.64E-04	4.23E+00
558175.174160412.59	558175.17	4160412.59	WRKR_161	WORKER	1.80E-01	3.51E-05	4.01E+00	1.33E-03	3.55E-01	1.66E-04	4.55E+00
558175.174160422.59	558175.17	4160422.59	WRKR_162	WORKER	1.94E-01	3.56E-05	4.32E+00	1.35E-03	3.82E-01	1.69E-04	4.90E+00
558185.174160362.59	558185.17	4160362.59	WRKR_163	WORKER	1.26E-01	3.38E-05	2.80E+00	1.28E-03	2.48E-01	1.61E-04	3.18E+00
558185.174160372.59	558185.17	4160372.59	WRKR_164	WORKER	1.35E-01	3.44E-05	2.99E+00	1.31E-03	2.64E-01	1.63E-04	3.39E+00
558185.174160382.59	558185.17	4160382.59	WRKR_165	WORKER	1.44E-01	3.50E-05	3.20E+00	1.33E-03	2.83E-01	1.66E-04	3.63E+00
558185.174160392.59	558185.17	4160392.59	WRKR_166	WORKER	1.54E-01	3.56E-05	3.43E+00	1.35E-03	3.03E-01	1.69E-04	3.89E+00
558185.174160402.59	558185.17	4160402.59	WRKR_167	WORKER	1.66E-01	3.62E-05	3.68E+00	1.37E-03	3.25E-01	1.72E-04	4.17E+00
558185.174160412.59	558185.17	4160412.59	WRKR_168	WORKER	1.78E-01	3.68E-05	3.96E+00	1.40E-03	3.50E-01	1.74E-04	4.49E+00
558185.174160422.59	558185.17	4160422.59	WRKR_169	WORKER	1.92E-01	3.74E-05	4.27E+00	1.42E-03	3.78E-01	1.77E-04	4.84E+00
558185.174160432.59	558185.17	4160432.59	WRKR_170	WORKER	2.08E-01	3.79E-05	4.62E+00	1.44E-03	4.08E-01	1.80E-04	5.24E+00

Cancer Risk

					AE		AH			
					3rd Tri		0<2		2<16		Total Cancer Risk (cases per million)
					Cancer Risk (cases per million)		Cancer Risk (cases per million)		Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD	
558185.174160442.59	558185.17	4160442.59	WRKR_171	WORKER	2.25E-01	3.85E-05	5.00E+00	1.46E-03	4.42E-01	1.83E-04	5.67E+00
558195.174160362.59	558195.17	4160362.59	WRKR_172	WORKER	1.24E-01	3.53E-05	2.76E+00	1.34E-03	2.44E-01	1.68E-04	3.13E+00
558195.174160372.59	558195.17	4160372.59	WRKR_173	WORKER	1.32E-01	3.59E-05	2.94E+00	1.36E-03	2.60E-01	1.70E-04	3.34E+00
558195.174160382.59	558195.17	4160382.59	WRKR_174	WORKER	1.42E-01	3.66E-05	3.15E+00	1.39E-03	2.78E-01	1.74E-04	3.57E+00
558195.174160392.59	558195.17	4160392.59	WRKR_175	WORKER	1.52E-01	3.72E-05	3.37E+00	1.41E-03	2.98E-01	1.77E-04	3.82E+00
558195.174160402.59	558195.17	4160402.59	WRKR_176	WORKER	1.63E-01	3.79E-05	3.62E+00	1.44E-03	3.20E-01	1.80E-04	4.11E+00
558195.174160412.59	558195.17	4160412.59	WRKR_177	WORKER	1.75E-01	3.85E-05	3.90E+00	1.46E-03	3.45E-01	1.83E-04	4.42E+00
558195.174160422.59	558195.17	4160422.59	WRKR_178	WORKER	1.89E-01	3.92E-05	4.21E+00	1.49E-03	3.72E-01	1.86E-04	4.77E+00
558195.174160432.59	558195.17	4160432.59	WRKR_179	WORKER	2.05E-01	3.99E-05	4.55E+00	1.51E-03	4.02E-01	1.89E-04	5.16E+00
558195.174160442.59	558195.17	4160442.59	WRKR_180	WORKER	2.22E-01	4.05E-05	4.92E+00	1.54E-03	4.35E-01	1.92E-04	5.58E+00
558195.174160452.59	558195.17	4160452.59	WRKR_181	WORKER	2.40E-01	4.10E-05	5.33E+00	1.56E-03	4.72E-01	1.95E-04	6.05E+00
558205.174160362.59	558205.17	4160362.59	WRKR_182	WORKER	1.22E-01	3.68E-05	2.70E+00	1.40E-03	2.39E-01	1.75E-04	3.07E+00
558205.174160372.59	558205.17	4160372.59	WRKR_183	WORKER	1.30E-01	3.75E-05	2.89E+00	1.42E-03	2.55E-01	1.78E-04	3.27E+00
558205.174160382.59	558205.17	4160382.59	WRKR_184	WORKER	1.39E-01	3.82E-05	3.09E+00	1.45E-03	2.73E-01	1.81E-04	3.50E+00
558205.174160392.59	558205.17	4160392.59	WRKR_185	WORKER	1.49E-01	3.90E-05	3.31E+00	1.48E-03	2.93E-01	1.85E-04	3.75E+00
558205.174160402.59	558205.17	4160402.59	WRKR_186	WORKER	1.60E-01	3.97E-05	3.56E+00	1.51E-03	3.14E-01	1.88E-04	4.03E+00
558205.174160412.59	558205.17	4160412.59	WRKR_187	WORKER	1.72E-01	4.04E-05	3.83E+00	1.54E-03	3.38E-01	1.92E-04	4.34E+00
558205.174160422.59	558205.17	4160422.59	WRKR_188	WORKER	1.86E-01	4.12E-05	4.13E+00	1.56E-03	3.65E-01	1.96E-04	4.68E+00
558205.174160432.59	558205.17	4160432.59	WRKR_189	WORKER	2.01E-01	4.19E-05	4.46E+00	1.59E-03	3.95E-01	1.99E-04	5.06E+00
558205.174160442.59	558205.17	4160442.59	WRKR_190	WORKER	2.18E-01	4.27E-05	4.84E+00	1.62E-03	4.28E-01	2.02E-04	5.49E+00
558205.174160452.59	558205.17	4160452.59	WRKR_191	WORKER	2.36E-01	4.33E-05	5.25E+00	1.64E-03	4.64E-01	2.06E-04	5.95E+00
558205.174160462.59	558205.17	4160462.59	WRKR_192	WORKER	2.57E-01	4.40E-05	5.71E+00	1.67E-03	5.05E-01	2.09E-04	6.48E+00
558215.174160362.59	558215.17	4160362.59	WRKR_193	WORKER	1.19E-01	3.84E-05	2.65E+00	1.46E-03	2.34E-01	1.82E-04	3.00E+00
558215.174160372.59	558215.17	4160372.59	WRKR_194	WORKER	1.27E-01	3.92E-05	2.83E+00	1.49E-03	2.50E-01	1.86E-04	3.20E+00
558215.174160382.59	558215.17	4160382.59	WRKR_195	WORKER	1.36E-01	4.00E-05	3.02E+00	1.52E-03	2.67E-01	1.90E-04	3.43E+00
558215.174160392.59	558215.17	4160392.59	WRKR_196	WORKER	1.46E-01	4.08E-05	3.24E+00	1.55E-03	2.86E-01	1.94E-04	3.67E+00
558215.174160402.59	558215.17	4160402.59	WRKR_197	WORKER	1.57E-01	4.16E-05	3.48E+00	1.58E-03	3.08E-01	1.98E-04	3.95E+00
558215.174160412.59	558215.17	4160412.59	WRKR_198	WORKER	1.68E-01	4.25E-05	3.75E+00	1.61E-03	3.31E-01	2.02E-04	4.25E+00
558215.174160422.59	558215.17	4160422.59	WRKR_199	WORKER	1.82E-01	4.33E-05	4.04E+00	1.64E-03	3.57E-01	2.05E-04	4.58E+00
558215.174160432.59	558215.17	4160432.59	WRKR_200	WORKER	1.96E-01	4.41E-05	4.36E+00	1.67E-03	3.86E-01	2.09E-04	4.95E+00
558215.174160442.59	558215.17	4160442.59	WRKR_201	WORKER	2.13E-01	4.50E-05	4.74E+00	1.71E-03	4.19E-01	2.13E-04	5.37E+00
558215.174160452.59	558215.17	4160452.59	WRKR_202	WORKER	2.32E-01	4.58E-05	5.15E+00	1.74E-03	4.56E-01	2.17E-04	5.84E+00
558215.174160462.59	558215.17	4160462.59	WRKR_203	WORKER	2.52E-01	4.65E-05	5.60E+00	1.77E-03	4.95E-01	2.21E-04	6.35E+00
558215.174160472.59	558215.17	4160472.59	WRKR_204	WORKER	2.75E-01	4.73E-05	6.12E+00	1.80E-03	5.41E-01	2.25E-04	6.94E+00
558225.174160362.59	558225.17	4160362.59	WRKR_205	WORKER	1.16E-01	4.01E-05	2.59E+00	1.52E-03	2.29E-01	1.90E-04	2.93E+00
558225.174160372.59	558225.17	4160372.59	WRKR_206	WORKER	1.24E-01	4.10E-05	2.76E+00	1.56E-03	2.44E-01	1.94E-04	3.13E+00
558225.174160382.59	558225.17	4160382.59	WRKR_207	WORKER	1.33E-01	4.19E-05	2.95E+00	1.59E-03	2.61E-01	1.99E-04	3.35E+00
558225.174160392.59	558225.17	4160392.59	WRKR_208	WORKER	1.42E-01	4.28E-05	3.16E+00	1.62E-03	2.80E-01	2.03E-04	3.59E+00
558225.174160402.59	558225.17	4160402.59	WRKR_209	WORKER	1.53E-01	4.37E-05	3.40E+00	1.66E-03	3.00E-01	2.07E-04	3.85E+00
558225.174160412.59	558225.17	4160412.59	WRKR_210	WORKER	1.64E-01	4.45E-05	3.65E+00	1.69E-03	3.23E-01	2.11E-04	4.14E+00
558225.174160422.59	558225.17	4160422.59	WRKR_211	WORKER	1.77E-01	4.55E-05	3.94E+00	1.73E-03	3.48E-01	2.16E-04	4.47E+00
558225.174160432.59	558225.17	4160432.59	WRKR_212	WORKER	1.92E-01	4.64E-05	4.26E+00	1.76E-03	3.77E-01	2.20E-04	4.83E+00
558225.174160442.59	558225.17	4160442.59	WRKR_213	WORKER	2.08E-01	4.74E-05	4.62E+00	1.80E-03	4.08E-01	2.25E-04	5.24E+00
558225.174160452.59	558225.17	4160452.59	WRKR_214	WORKER	2.26E-01	4.84E-05	5.02E+00	1.84E-03	4.44E-01	2.30E-04	5.70E+00
558225.174160462.59	558225.17	4160462.59	WRKR_215	WORKER	2.47E-01	4.94E-05	5.48E+00	1.87E-03	4.85E-01	2.34E-04	6.22E+00
558225.174160472.59	558225.17	4160472.59	WRKR_216	WORKER	2.69E-01	5.03E-05	5.99E+00	1.91E-03	5.29E-01	2.39E-04	6.79E+00
558225.174160482.59	558225.17	4160482.59	WRKR_217	WORKER	2.95E-01	5.12E-05	6.57E+00	1.94E-03	5.81E-01	2.43E-04	7.44E+00
558235.174160362.59	558235.17	4160362.59	WRKR_218	WORKER	1.13E-01	4.19E-05	2.52E+00	1.59E-03	2.23E-01	1.99E-04	2.86E+00
558235.174160372.59	558235.17	4160372.59	WRKR_219	WORKER	1.21E-01	4.28E-05	2.69E+00	1.63E-03	2.38E-01	2.03E-04	3.05E+00
558235.174160382.59	558235.17	4160382.59	WRKR_220	WORKER	1.29E-01	4.38E-05	2.88E+00	1.66E-03	2.55E-01	2.08E-04	3.26E+00
558235.174160392.59	558235.17	4160392.59	WRKR_221	WORKER	1.39E-01	4.48E-05	3.08E+00	1.70E-03	2.73E-01	2.13E-04	3.50E+00
558235.174160402.59	558235.17	4160402.59	WRKR_222	WORKER	1.49E-01	4.58E-05	3.31E+00	1.74E-03	2.93E-01	2.17E-04	3.75E+00
558235.174160412.59	558235.17	4160412.59	WRKR_223	WORKER	1.60E-01	4.68E-05	3.56E+00	1.78E-03	3.15E-01	2.22E-04	4.03E+00
558235.174160422.59	558235.17	4160422.59	WRKR_224	WORKER	1.73E-01	4.79E-05	3.84E+00	1.82E-03	3.39E-01	2.27E-04	4.35E+00
558235.174160432.59	558235.17	4160432.59	WRKR_225	WORKER	1.87E-01	4.89E-05	4.15E+00	1.86E-03	3.67E-01	2.32E-04	4.70E+00
558235.174160442.59	558235.17	4160442.59	WRKR_226	WORKER	2.02E-01	5.00E-05	4.49E+00	1.90E-03	3.97E-01	2.37E-04	5.10E+00
558235.174160452.59	558235.17	4160452.59	WRKR_227	WORKER	2.20E-01	5.11E-05	4.89E+00	1.94E-03	4.32E-01	2.43E-04	5.54E+00
558235.174160462.59	558235.17	4160462.59	WRKR_228	WORKER	2.40E-01	5.23E-05	5.34E+00	1.98E-03	4.72E-01	2.48E-04	6.05E+00
558235.174160472.59	558235.17	4160472.59	WRKR_229	WORKER	2.63E-01	5.34E-05	5.85E+00	2.03E-03	5.17E-01	2.54E-04	6.63E+00
558235.174160482.59	558235.17	4160482.59	WRKR_230	WORKER	2.88E-01	5.45E-05	6.41E+00	2.07E-03	5.67E-01	2.59E-04	7.27E+00
558235.174160492.59	558235.17	4160492.59	WRKR_231	WORKER	3.17E-01	5.55E-05	7.05E+00	2.11E-03	6.23E-01	2.63E-04	7.99E+00
558245.174160362.59	558245.17	4160362.59	WRKR_232	WORKER	1.10E-01	4.37E-05	2.46E+00	1.66E-03	2.17E-01	2.07E-04	2.79E+00
558245.174160372.59	558245.17	4160372.59	WRKR_233	WORKER	1.18E-01	4.47E-05	2.62E+00	1.70E-03	2.32E-01	2.12E-04	2.97E+00
558245.174160382.59	558245.17	4160382.59	WRKR_234	WORKER	1.26E-01	4.58E-05	2.80E+00	1.74E-03	2.48E-01	2.17E-04	3.18E+00
558245.174160392.59	558245.17	4160392.59	WRKR_235	WORKER	1.35E-01	4.69E-05	3.00E+00	1.78E-03	2.65E-01	2.23E-04	3.40E+00
558245.174160402.59	558245.17	4160402.59	WRKR_236	WORKER	1.45E-01	4.80E-05	3.22E+00	1.82E-03	2.85E-01	2.28E-04	3.65E+00
558245.174160412.59	558245.17	4160412.59	WRKR_237	WORKER	1.56E-01	4.92E-05	3.46E+00	1.87E-03	3.06E-01	2.33E-04	3.92E+00
558245.174160422.59	558245.17	4160422.59	WRKR_238	WORKER	1.68E-01	5.03E-05	3.73E+00	1.91E-03	3.30E-01	2.39E-04	4.23E+00
558245.174160432.59	558245.17	4160432.59	WRKR_239	WORKER	1.81E-01	5.15E-05	4.03E+00	1.96E-03	3.56E-01	2.45E-04	4.57E+00
558245.174160442.59	558245.17	4160442.59	WRKR_240	WORKER	1.96E-01	5.28E-05	4.37E+00	2.00E-03	3.86E-01	2.50E-04	4.95E+00
558245.174160452.59	558245.17	4160452.59	WRKR_241	WORKER	2.14E-01	5.41E-05	4.75E+00	2.05E-03	4.20E-01	2.57E-04	5.39E+00
558245.174160462.59	558245.17	4160462.59	WRKR_242	WORKER	2.33E-01	5.54E-05	5.19E+00	2.10E-03	4.58E-01	2.63E-04	5.88E+00
558245.174160472.59	558245.17	4160472.59	WRKR_243	WORKER	2.55E-01	5.67E-05	5.67E+00	2.15E-03	5.02E-01	2.69E-04	6.43E+00
558245.174160482.59	558245.17	4160482.59	WRKR_244	WORKER	2.81E-01	5.80E-05	6.24E+00	2.20E-03	5.52E-01	2.75E-04	7.07E+00
558245.174160492.59	558245.17	4160492.59	WRKR_245	WORKER	3.09E-01	5.93E-05	6.87E+00	2.25E-03	6.08E-01	2.81E-04	7.79E+00
558245.174160502.59	558245.17	4160502.59	WRKR_246	WORKER	3.41E-01	6.05E-05	7.59E+00	2.30E-03	6.71E-01	2.87E-04	8.61E+00
558255.174160362.59	558255.17	4160362.59	WRKR_247	WORKER	1.07E-01	4.56E-05	2.39E+00	1.73E-03	2.11E-01	2.16E-04	2.71E+00
558255.174160372.59	558255.17	4160372.59	WRKR_248	WORKER	1.15E-01	4.67E-05	2.55E+00	1.77E-03	2.25E-01	2.22E-04	2.89E+00
558255.174160382.59	558255.17	4160382.59	WRKR_249	WORKER	1.22E-01	4.79E-05	2.72E+00	1.82E-03	2.41E-01	2.27E-04	3.09E+00
558255.174160392.59	558255.17	4160392.59	WRKR_250	WORKER	1.31E-01	4.91E-05	2.91E+00	1.87E-03	2.58E-01	2.33E-04	3.31E+00
558255.174160402.59	558255.17	4160402.59	WRKR_251	WORKER	1.41E-01	5.04E-05	3.13E+00	1.91E-03	2.76E-01	2.39E-04	3.55E+00
558255.174160412.59	558255.17	4160412.59	WRKR_252	WORKER	1.51E-01	5.17E-05	3.36E+00	1.96E-03	2.97E-01	2.45E-04	3.82E+00
558255.174160422.59	558255.17	4160422.59	WRKR_253	WORKER	1.63E-01	5.30E-05	3.62E+00	2.01E-03	3.20E-01	2.51E-04	4.11E+00
558255.174160432.59	558255.17	4160432.59	WRKR_254	WORKER	1.76E-01	5.43E-05	3.91E+00	2.06E-03	3.46E-01	2.58E-04	4.44E+00
558255.174160442.59	558255.17	4160442.59	WRKR_255	WORKER	1.91E-01	5.57E-05	4.24E+00	2.12E-03	3.75E-01	2.65E-04	4.81E+00
558255.174160452.59	558255.17	4160452.59	WRKR_256	WORKER	2.07E-01	5.72E-05	4.61E+00	2.17E-03	4.08E-01	2.72E-04	5.23E+00
558255.174160462.59	558255.17	4160462.59	WRKR_257	WORKER	2.26E-01	5.87E-05	5.03E+00	2.23E-03	4.45E-01	2.79E-04	5.70E+00

Cancer Risk

					AE		AH		
					3rd Tri		0<2		2<16		Total Cancer Risk (cases per million)
					Cancer Risk (cases per million)		Cancer Risk (cases per million)		Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD	
558255.174160472.59	558255.17	4160472.59	WRKR_258	WORKER	2.48E-01	6.02E-05	5.50E+00	2.29E-03	4.87E-01	2.86E-04	6.24E+00
558255.174160482.59	558255.17	4160482.59	WRKR_259	WORKER	2.72E-01	6.18E-05	6.05E+00	2.35E-03	5.35E-01	2.93E-04	6.86E+00
558255.174160492.59	558255.17	4160492.59	WRKR_260	WORKER	3.01E-01	6.34E-05	6.69E+00	2.41E-03	5.92E-01	3.01E-04	7.59E+00
558255.174160502.59	558255.17	4160502.59	WRKR_261	WORKER	3.33E-01	6.49E-05	7.40E+00	2.46E-03	6.54E-01	3.08E-04	8.39E+00
558255.174160512.59	558255.17	4160512.59	WRKR_262	WORKER	3.70E-01	6.63E-05	8.22E+00	2.52E-03	7.27E-01	3.15E-04	9.32E+00
558265.174160362.59	558265.17	4160362.59	WRKR_263	WORKER	1.04E-01	4.76E-05	2.32E+00	1.81E-03	2.05E-01	2.26E-04	2.63E+00
558265.174160372.59	558265.17	4160372.59	WRKR_264	WORKER	1.11E-01	4.88E-05	2.47E+00	1.85E-03	2.19E-01	2.32E-04	2.80E+00
558265.174160382.59	558265.17	4160382.59	WRKR_265	WORKER	1.19E-01	5.01E-05	2.64E+00	1.90E-03	2.34E-01	2.38E-04	3.00E+00
558265.174160392.59	558265.17	4160392.59	WRKR_266	WORKER	1.27E-01	5.15E-05	2.83E+00	1.95E-03	2.50E-01	2.44E-04	3.21E+00
558265.174160402.59	558265.17	4160402.59	WRKR_267	WORKER	1.36E-01	5.29E-05	3.03E+00	2.01E-03	2.68E-01	2.51E-04	3.44E+00
558265.174160412.59	558265.17	4160412.59	WRKR_268	WORKER	1.47E-01	5.43E-05	3.26E+00	2.06E-03	2.88E-01	2.58E-04	3.70E+00
558265.174160422.59	558265.17	4160422.59	WRKR_269	WORKER	1.58E-01	5.57E-05	3.51E+00	2.12E-03	3.11E-01	2.65E-04	3.98E+00
558265.174160432.59	558265.17	4160432.59	WRKR_270	WORKER	1.71E-01	5.73E-05	3.80E+00	2.17E-03	3.36E-01	2.72E-04	4.30E+00
558265.174160442.59	558265.17	4160442.59	WRKR_271	WORKER	1.85E-01	5.89E-05	4.11E+00	2.24E-03	3.64E-01	2.79E-04	4.67E+00
558265.174160452.59	558265.17	4160452.59	WRKR_272	WORKER	2.01E-01	6.05E-05	4.47E+00	2.30E-03	3.95E-01	2.87E-04	5.07E+00
558265.174160462.59	558265.17	4160462.59	WRKR_273	WORKER	2.19E-01	6.22E-05	4.87E+00	2.36E-03	4.31E-01	2.95E-04	5.52E+00
558265.174160472.59	558265.17	4160472.59	WRKR_274	WORKER	2.40E-01	6.40E-05	5.34E+00	2.43E-03	4.72E-01	3.04E-04	6.05E+00
558265.174160482.59	558265.17	4160482.59	WRKR_275	WORKER	2.64E-01	6.59E-05	5.88E+00	2.50E-03	5.20E-01	3.13E-04	6.67E+00
558265.174160492.59	558265.17	4160492.59	WRKR_276	WORKER	2.92E-01	6.77E-05	6.50E+00	2.57E-03	5.75E-01	3.22E-04	7.37E+00
558265.174160502.59	558265.17	4160502.59	WRKR_277	WORKER	3.25E-01	6.97E-05	7.23E+00	2.65E-03	6.39E-01	3.31E-04	8.20E+00
558265.174160512.59	558265.17	4160512.59	WRKR_278	WORKER	3.62E-01	7.15E-05	8.05E+00	2.71E-03	7.11E-01	3.39E-04	9.12E+00
558265.174160522.59	558265.17	4160522.59	WRKR_279	WORKER	4.06E-01	7.33E-05	9.02E+00	2.78E-03	7.98E-01	3.48E-04	1.02E+01
558275.174160362.59	558275.17	4160362.59	WRKR_280	WORKER	1.01E-01	4.97E-05	2.25E+00	1.88E-03	1.99E-01	2.36E-04	2.55E+00
558275.174160372.59	558275.17	4160372.59	WRKR_281	WORKER	1.08E-01	5.10E-05	2.40E+00	1.94E-03	2.12E-01	2.42E-04	2.72E+00
558275.174160382.59	558275.17	4160382.59	WRKR_282	WORKER	1.15E-01	5.24E-05	2.56E+00	1.99E-03	2.26E-01	2.49E-04	2.90E+00
558275.174160392.59	558275.17	4160392.59	WRKR_283	WORKER	1.23E-01	5.39E-05	2.74E+00	2.05E-03	2.42E-01	2.56E-04	3.11E+00
558275.174160402.59	558275.17	4160402.59	WRKR_284	WORKER	1.32E-01	5.54E-05	2.94E+00	2.10E-03	2.60E-01	2.63E-04	3.33E+00
558275.174160412.59	558275.17	4160412.59	WRKR_285	WORKER	1.42E-01	5.70E-05	3.16E+00	2.16E-03	2.79E-01	2.71E-04	3.58E+00
558275.174160422.59	558275.17	4160422.59	WRKR_286	WORKER	1.53E-01	5.87E-05	3.40E+00	2.23E-03	3.01E-01	2.78E-04	3.86E+00
558275.174160432.59	558275.17	4160432.59	WRKR_287	WORKER	1.65E-01	6.04E-05	3.68E+00	2.29E-03	3.25E-01	2.87E-04	4.17E+00
558275.174160442.59	558275.17	4160442.59	WRKR_288	WORKER	1.79E-01	6.22E-05	3.99E+00	2.36E-03	3.52E-01	2.95E-04	4.52E+00
558275.174160452.59	558275.17	4160452.59	WRKR_289	WORKER	1.95E-01	6.40E-05	4.33E+00	2.43E-03	3.83E-01	3.04E-04	4.91E+00
558275.174160462.59	558275.17	4160462.59	WRKR_290	WORKER	2.13E-01	6.60E-05	4.73E+00	2.50E-03	4.18E-01	3.13E-04	5.36E+00
558275.174160472.59	558275.17	4160472.59	WRKR_291	WORKER	2.33E-01	6.80E-05	5.18E+00	2.58E-03	4.58E-01	3.23E-04	5.88E+00
558275.174160482.59	558275.17	4160482.59	WRKR_292	WORKER	2.57E-01	7.02E-05	5.71E+00	2.66E-03	5.05E-01	3.33E-04	6.47E+00
558275.174160492.59	558275.17	4160492.59	WRKR_293	WORKER	2.84E-01	7.24E-05	6.31E+00	2.75E-03	5.58E-01	3.44E-04	7.16E+00
558275.174160502.59	558275.17	4160502.59	WRKR_294	WORKER	3.16E-01	7.48E-05	7.03E+00	2.84E-03	6.22E-01	3.55E-04	7.98E+00
558275.174160512.59	558275.17	4160512.59	WRKR_295	WORKER	3.55E-01	7.72E-05	7.90E+00	2.93E-03	6.98E-01	3.67E-04	8.96E+00
558275.174160522.59	558275.17	4160522.59	WRKR_296	WORKER	4.00E-01	7.96E-05	8.90E+00	3.02E-03	7.87E-01	3.78E-04	1.01E+01
558275.174160532.59	558275.17	4160532.59	WRKR_297	WORKER	4.54E-01	8.19E-05	1.01E+01	3.11E-03	8.91E-01	3.89E-04	1.14E+01
558285.174160362.59	558285.17	4160362.59	WRKR_298	WORKER	9.80E-02	5.18E-05	2.18E+00	1.97E-03	1.93E-01	2.46E-04	2.47E+00
558285.174160372.59	558285.17	4160372.59	WRKR_299	WORKER	1.04E-01	5.33E-05	2.32E+00	2.02E-03	2.05E-01	2.53E-04	2.63E+00
558285.174160382.59	558285.17	4160382.59	WRKR_300	WORKER	1.11E-01	5.48E-05	2.48E+00	2.08E-03	2.19E-01	2.60E-04	2.81E+00
558285.174160392.59	558285.17	4160392.59	WRKR_301	WORKER	1.19E-01	5.64E-05	2.65E+00	2.14E-03	2.34E-01	2.68E-04	3.01E+00
558285.174160402.59	558285.17	4160402.59	WRKR_302	WORKER	1.28E-01	5.81E-05	2.84E+00	2.20E-03	2.51E-01	2.76E-04	3.23E+00
558285.174160412.59	558285.17	4160412.59	WRKR_303	WORKER	1.38E-01	5.98E-05	3.06E+00	2.27E-03	2.70E-01	2.84E-04	3.47E+00
558285.174160422.59	558285.17	4160422.59	WRKR_304	WORKER	1.48E-01	6.17E-05	3.30E+00	2.34E-03	2.91E-01	2.93E-04	3.74E+00
558285.174160432.59	558285.17	4160432.59	WRKR_305	WORKER	1.60E-01	6.36E-05	3.56E+00	2.41E-03	3.15E-01	3.02E-04	4.04E+00
558285.174160442.59	558285.17	4160442.59	WRKR_306	WORKER	1.74E-01	6.56E-05	3.86E+00	2.49E-03	3.41E-01	3.11E-04	4.38E+00
558285.174160452.59	558285.17	4160452.59	WRKR_307	WORKER	1.89E-01	6.77E-05	4.20E+00	2.57E-03	3.71E-01	3.21E-04	4.76E+00
558285.174160462.59	558285.17	4160462.59	WRKR_308	WORKER	2.06E-01	7.00E-05	4.59E+00	2.66E-03	4.06E-01	3.32E-04	5.20E+00
558285.174160472.59	558285.17	4160472.59	WRKR_309	WORKER	2.26E-01	7.23E-05	5.03E+00	2.75E-03	4.45E-01	3.43E-04	5.71E+00
558285.174160482.59	558285.17	4160482.59	WRKR_310	WORKER	2.49E-01	7.48E-05	5.54E+00	2.84E-03	4.90E-01	3.55E-04	6.28E+00
558285.174160492.59	558285.17	4160492.59	WRKR_311	WORKER	2.76E-01	7.74E-05	6.14E+00	2.94E-03	5.43E-01	3.67E-04	6.96E+00
558285.174160502.59	558285.17	4160502.59	WRKR_312	WORKER	3.08E-01	8.02E-05	6.85E+00	3.04E-03	6.06E-01	3.81E-04	7.77E+00
558285.174160512.59	558285.17	4160512.59	WRKR_313	WORKER	3.47E-01	8.32E-05	7.72E+00	3.16E-03	6.82E-01	3.95E-04	8.75E+00
558285.174160522.59	558285.17	4160522.59	WRKR_314	WORKER	3.93E-01	8.63E-05	8.74E+00	3.28E-03	7.73E-01	4.10E-04	9.91E+00
558285.174160532.59	558285.17	4160532.59	WRKR_315	WORKER	4.47E-01	8.92E-05	9.94E+00	3.39E-03	8.79E-01	4.24E-04	1.13E+01
558295.174160362.59	558295.17	4160362.59	WRKR_316	WORKER	9.48E-02	5.40E-05	2.11E+00	2.05E-03	1.86E-01	2.56E-04	2.39E+00
558295.174160372.59	558295.17	4160372.59	WRKR_317	WORKER	1.01E-01	5.56E-05	2.24E+00	2.11E-03	1.98E-01	2.64E-04	2.55E+00
558295.174160382.59	558295.17	4160382.59	WRKR_318	WORKER	1.08E-01	5.72E-05	2.40E+00	2.17E-03	2.12E-01	2.72E-04	2.72E+00
558295.174160392.59	558295.17	4160392.59	WRKR_319	WORKER	1.15E-01	5.90E-05	2.56E+00	2.24E-03	2.27E-01	2.80E-04	2.91E+00
558295.174160402.59	558295.17	4160402.59	WRKR_320	WORKER	1.24E-01	6.07E-05	2.75E+00	2.31E-03	2.43E-01	2.88E-04	3.12E+00
558295.174160412.59	558295.17	4160412.59	WRKR_321	WORKER	1.33E-01	6.27E-05	2.96E+00	2.38E-03	2.61E-01	2.98E-04	3.35E+00
558295.174160422.59	558295.17	4160422.59	WRKR_322	WORKER	1.43E-01	6.48E-05	3.19E+00	2.46E-03	2.82E-01	3.07E-04	3.62E+00
558295.174160432.59	558295.17	4160432.59	WRKR_323	WORKER	1.55E-01	6.69E-05	3.45E+00	2.54E-03	3.05E-01	3.18E-04	3.91E+00
558295.174160442.59	558295.17	4160442.59	WRKR_324	WORKER	1.68E-01	6.92E-05	3.74E+00	2.63E-03	3.31E-01	3.28E-04	4.24E+00
558295.174160452.59	558295.17	4160452.59	WRKR_325	WORKER	1.83E-01	7.16E-05	4.07E+00	2.72E-03	3.60E-01	3.40E-04	4.62E+00
558295.174160462.59	558295.17	4160462.59	WRKR_326	WORKER	2.00E-01	7.41E-05	4.45E+00	2.81E-03	3.94E-01	3.52E-04	5.05E+00
558295.174160472.59	558295.17	4160472.59	WRKR_327	WORKER	2.20E-01	7.68E-05	4.89E+00	2.92E-03	4.32E-01	3.64E-04	5.54E+00
558295.174160482.59	558295.17	4160482.59	WRKR_328	WORKER	2.43E-01	7.96E-05	5.39E+00	3.02E-03	4.77E-01	3.78E-04	6.12E+00
558295.174160492.59	558295.17	4160492.59	WRKR_329	WORKER	2.69E-01	8.27E-05	5.98E+00	3.14E-03	5.29E-01	3.92E-04	6.79E+00
558295.174160502.59	558295.17	4160502.59	WRKR_330	WORKER	3.01E-01	8.60E-05	6.69E+00	3.26E-03	5.91E-01	4.08E-04	7.58E+00
558295.174160512.59	558295.17	4160512.59	WRKR_331	WORKER	3.40E-01	8.97E-05	7.55E+00	3.40E-03	6.67E-01	4.26E-04	8.56E+00
558295.174160522.59	558295.17	4160522.59	WRKR_332	WORKER	3.86E-01	9.35E-05	8.58E+00	3.55E-03	7.58E-01	4.44E-04	9.72E+00
558295.174160532.59	558295.17	4160532.59	WRKR_333	WORKER	4.41E-01	9.73E-05	9.79E+00	3.69E-03	8.66E-01	4.62E-04	1.11E+01
558305.174160362.59	558305.17	4160362.59	WRKR_334	WORKER	9.16E-02	5.63E-05	2.04E+00	2.14E-03	1.80E-01	2.67E-04	2.31E+00
558305.174160372.59	558305.17	4160372.59	WRKR_335	WORKER	9.76E-02	5.80E-05	2.17E+00	2.20E-03	1.92E-01	2.75E-04	2.46E+00
558305.174160382.59	558305.17	4160382.59	WRKR_336	WORKER	1.04E-01	5.97E-05	2.32E+00	2.27E-03	2.05E-01	2.84E-04	2.63E+00
558305.174160392.59	558305.17	4160392.59	WRKR_337	WORKER	1.11E-01	6.16E-05	2.48E+00	2.34E-03	2.19E-01	2.92E-04	2.81E+00
558305.174160402.59	558305.17	4160402.59	WRKR_338	WORKER	1.20E-01	6.34E-05	2.66E+00	2.41E-03	2.35E-01	3.01E-04	3.01E+00
558305.174160412.59	558305.17	4160412.59	WRKR_339	WORKER	1.29E-01	6.55E-05	2.86E+00	2.49E-03	2.53E-01	3.11E-04	3.24E+00
558305.174160422.59	558305.17	4160422.59	WRKR_340	WORKER	1.39E-01	6.79E-05	3.08E+00	2.58E-03	2.73E-01	3.22E-04	3.50E+00
558305.174160432.59	558305.17	4160432.59	WRKR_341	WORKER	1.50E-01	7.03E-05	3.33E+00	2.67E-03	2.95E-01	3.34E-04	3.78E+00
558305.174160442.59	558305.17	4160442.59	WRKR_342	WORKER	1.63E-01	7.28E-05	3.62E+00	2.76E-03	3.20E-01	3.46E-04	4.11E+00
558305.174160452.59	558305.17	4160452.59	WRKR_343	WORKER	1.78E-01	7.55E-05	3.95E+00	2.87E-03	3.49E-01	3.58E-04	4.48E+00
558305.174160462.59	558305.17	4160462.59	WRKR_344	WORKER	1.94E-01	7.84E-05	4.32E+00	2.98E-03	3.82E-01	3.72E-04	4.90E+00

Cancer Risk

					AE		AH			
					3rd Tri		0<2		2<16		Total Cancer Risk (cases per million)
					Cancer Risk (cases per million)		Cancer Risk (cases per million)		Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD	
558305.174160472.59	558305.17	4160472.59	WRKR_345	WORKER	2.14E-01	8.14E-05	4.75E+00	3.09E-03	4.20E-01	3.86E-04	5.39E+00
558305.174160482.59	558305.17	4160482.59	WRKR_346	WORKER	2.36E-01	8.47E-05	5.25E+00	3.22E-03	4.64E-01	4.02E-04	5.95E+00
558305.174160492.59	558305.17	4160492.59	WRKR_347	WORKER	2.63E-01	8.83E-05	5.84E+00	3.35E-03	5.16E-01	4.19E-04	6.62E+00
558305.174160502.59	558305.17	4160502.59	WRKR_348	WORKER	2.94E-01	9.22E-05	6.54E+00	3.50E-03	5.78E-01	4.37E-04	7.42E+00
558305.174160512.59	558305.17	4160512.59	WRKR_349	WORKER	3.33E-01	9.65E-05	7.40E+00	3.66E-03	6.54E-01	4.58E-04	8.39E+00
558305.174160522.59	558305.17	4160522.59	WRKR_350	WORKER	3.79E-01	1.01E-04	8.43E+00	3.84E-03	7.45E-01	4.80E-04	9.55E+00
558305.174160532.59	558305.17	4160532.59	WRKR_351	WORKER	4.34E-01	1.06E-04	9.65E+00	4.03E-03	8.53E-01	5.04E-04	1.09E+01
558315.174160362.59	558315.17	4160362.59	WRKR_352	WORKER	8.85E-02	5.86E-05	1.97E+00	2.22E-03	1.74E-01	2.78E-04	2.23E+00
558315.174160372.59	558315.17	4160372.59	WRKR_353	WORKER	9.42E-02	6.04E-05	2.10E+00	2.29E-03	1.85E-01	2.87E-04	2.38E+00
558315.174160382.59	558315.17	4160382.59	WRKR_354	WORKER	1.01E-01	6.22E-05	2.24E+00	2.36E-03	1.98E-01	2.95E-04	2.54E+00
558315.174160392.59	558315.17	4160392.59	WRKR_355	WORKER	1.08E-01	6.42E-05	2.39E+00	2.44E-03	2.12E-01	3.05E-04	2.71E+00
558315.174160402.59	558315.17	4160402.59	WRKR_356	WORKER	1.15E-01	6.64E-05	2.57E+00	2.52E-03	2.27E-01	3.15E-04	2.91E+00
558315.174160412.59	558315.17	4160412.59	WRKR_357	WORKER	1.24E-01	6.86E-05	2.76E+00	2.60E-03	2.44E-01	3.25E-04	3.13E+00
558315.174160422.59	558315.17	4160422.59	WRKR_358	WORKER	1.34E-01	7.10E-05	2.98E+00	2.70E-03	2.63E-01	3.37E-04	3.38E+00
558315.174160432.59	558315.17	4160432.59	WRKR_359	WORKER	1.45E-01	7.37E-05	3.22E+00	2.80E-03	2.85E-01	3.50E-04	3.66E+00
558315.174160442.59	558315.17	4160442.59	WRKR_360	WORKER	1.58E-01	7.65E-05	3.50E+00	2.91E-03	3.10E-01	3.63E-04	3.97E+00
558315.174160452.59	558315.17	4160452.59	WRKR_361	WORKER	1.72E-01	7.95E-05	3.82E+00	3.02E-03	3.38E-01	3.77E-04	4.34E+00
558315.174160462.59	558315.17	4160462.59	WRKR_362	WORKER	1.89E-01	8.27E-05	4.19E+00	3.14E-03	3.71E-01	3.93E-04	4.75E+00
558315.174160472.59	558315.17	4160472.59	WRKR_363	WORKER	2.08E-01	8.62E-05	4.62E+00	3.27E-03	4.08E-01	4.09E-04	5.24E+00
558315.174160482.59	558315.17	4160482.59	WRKR_364	WORKER	2.30E-01	9.00E-05	5.12E+00	3.41E-03	4.52E-01	4.27E-04	5.80E+00
558315.174160492.59	558315.17	4160492.59	WRKR_365	WORKER	2.57E-01	9.41E-05	5.70E+00	3.57E-03	5.04E-01	4.47E-04	6.47E+00
558315.174160502.59	558315.17	4160502.59	WRKR_366	WORKER	2.88E-01	9.87E-05	6.41E+00	3.75E-03	5.67E-01	4.68E-04	7.27E+00
558315.174160512.59	558315.17	4160512.59	WRKR_367	WORKER	3.26E-01	1.04E-04	7.26E+00	3.94E-03	6.42E-01	4.93E-04	8.23E+00
558315.174160522.59	558315.17	4160522.59	WRKR_368	WORKER	3.72E-01	1.10E-04	8.28E+00	4.16E-03	7.32E-01	5.20E-04	9.39E+00
558315.174160532.59	558315.17	4160532.59	WRKR_369	WORKER	4.26E-01	1.15E-04	9.48E+00	4.38E-03	8.38E-01	5.48E-04	1.07E+01
558325.174160362.59	558325.17	4160362.59	WRKR_370	WORKER	8.55E-02	6.10E-05	1.90E+00	2.31E-03	1.68E-01	2.89E-04	2.16E+00
558325.174160372.59	558325.17	4160372.59	WRKR_371	WORKER	9.10E-02	6.29E-05	2.02E+00	2.39E-03	1.79E-01	2.98E-04	2.30E+00
558325.174160382.59	558325.17	4160382.59	WRKR_372	WORKER	9.71E-02	6.49E-05	2.16E+00	2.46E-03	1.91E-01	3.08E-04	2.45E+00
558325.174160392.59	558325.17	4160392.59	WRKR_373	WORKER	1.04E-01	6.70E-05	2.31E+00	2.54E-03	2.04E-01	3.18E-04	2.62E+00
558325.174160402.59	558325.17	4160402.59	WRKR_374	WORKER	1.11E-01	6.93E-05	2.48E+00	2.63E-03	2.19E-01	3.29E-04	2.81E+00
558325.174160412.59	558325.17	4160412.59	WRKR_375	WORKER	1.20E-01	7.18E-05	2.67E+00	2.72E-03	2.36E-01	3.41E-04	3.03E+00
558325.174160422.59	558325.17	4160422.59	WRKR_376	WORKER	1.29E-01	7.44E-05	2.88E+00	2.82E-03	2.55E-01	3.53E-04	3.27E+00
558325.174160432.59	558325.17	4160432.59	WRKR_377	WORKER	1.40E-01	7.72E-05	3.12E+00	2.93E-03	2.76E-01	3.67E-04	3.54E+00
558325.174160442.59	558325.17	4160442.59	WRKR_378	WORKER	1.53E-01	8.03E-05	3.39E+00	3.05E-03	3.00E-01	3.81E-04	3.85E+00
558325.174160452.59	558325.17	4160452.59	WRKR_379	WORKER	1.67E-01	8.36E-05	3.70E+00	3.17E-03	3.28E-01	3.97E-04	4.20E+00
558325.174160462.59	558325.17	4160462.59	WRKR_380	WORKER	1.83E-01	8.71E-05	4.07E+00	3.31E-03	3.60E-01	4.13E-04	4.61E+00
558325.174160472.59	558325.17	4160472.59	WRKR_381	WORKER	2.02E-01	9.10E-05	4.49E+00	3.45E-03	3.97E-01	4.32E-04	5.09E+00
558325.174160482.59	558325.17	4160482.59	WRKR_382	WORKER	2.24E-01	9.53E-05	4.99E+00	3.62E-03	4.41E-01	4.52E-04	5.66E+00
558325.174160492.59	558325.17	4160492.59	WRKR_383	WORKER	2.51E-01	1.00E-04	5.57E+00	3.80E-03	4.93E-01	4.75E-04	6.32E+00
558325.174160502.59	558325.17	4160502.59	WRKR_384	WORKER	2.82E-01	1.05E-04	6.28E+00	4.00E-03	5.55E-01	5.00E-04	7.12E+00
558325.174160512.59	558325.17	4160512.59	WRKR_385	WORKER	3.20E-01	1.11E-04	7.12E+00	4.23E-03	6.29E-01	5.28E-04	8.07E+00
558325.174160522.59	558325.17	4160522.59	WRKR_386	WORKER	3.65E-01	1.18E-04	8.12E+00	4.48E-03	7.18E-01	5.60E-04	9.21E+00
558325.174160532.59	558325.17	4160532.59	WRKR_387	WORKER	4.18E-01	1.25E-04	9.29E+00	4.76E-03	8.22E-01	5.95E-04	1.05E+01
558335.174160362.59	558335.17	4160362.59	WRKR_388	WORKER	8.26E-02	6.34E-05	1.84E+00	2.40E-03	1.62E-01	3.01E-04	2.08E+00
558335.174160372.59	558335.17	4160372.59	WRKR_389	WORKER	8.79E-02	6.55E-05	1.95E+00	2.49E-03	1.73E-01	3.11E-04	2.22E+00
558335.174160382.59	558335.17	4160382.59	WRKR_390	WORKER	9.38E-02	6.76E-05	2.09E+00	2.56E-03	1.84E-01	3.21E-04	2.37E+00
558335.174160392.59	558335.17	4160392.59	WRKR_391	WORKER	1.00E-01	6.99E-05	2.23E+00	2.65E-03	1.97E-01	3.32E-04	2.53E+00
558335.174160402.59	558335.17	4160402.59	WRKR_392	WORKER	1.08E-01	7.23E-05	2.39E+00	2.75E-03	2.12E-01	3.43E-04	2.72E+00
558335.174160412.59	558335.17	4160412.59	WRKR_393	WORKER	1.16E-01	7.49E-05	2.58E+00	2.84E-03	2.28E-01	3.56E-04	2.92E+00
558335.174160422.59	558335.17	4160422.59	WRKR_394	WORKER	1.25E-01	7.77E-05	2.78E+00	2.95E-03	2.46E-01	3.69E-04	3.16E+00
558335.174160432.59	558335.17	4160432.59	WRKR_395	WORKER	1.36E-01	8.07E-05	3.02E+00	3.06E-03	2.67E-01	3.83E-04	3.42E+00
558335.174160442.59	558335.17	4160442.59	WRKR_396	WORKER	1.48E-01	8.40E-05	3.29E+00	3.19E-03	2.91E-01	3.99E-04	3.73E+00
558335.174160452.59	558335.17	4160452.59	WRKR_397	WORKER	1.62E-01	8.76E-05	3.59E+00	3.33E-03	3.18E-01	4.16E-04	4.08E+00
558335.174160462.59	558335.17	4160462.59	WRKR_398	WORKER	1.78E-01	9.15E-05	3.95E+00	3.47E-03	3.49E-01	4.34E-04	4.48E+00
558335.174160472.59	558335.17	4160472.59	WRKR_399	WORKER	1.97E-01	9.58E-05	4.37E+00	3.63E-03	3.86E-01	4.54E-04	4.96E+00
558335.174160482.59	558335.17	4160482.59	WRKR_400	WORKER	2.19E-01	1.01E-04	4.86E+00	3.81E-03	4.30E-01	4.77E-04	5.51E+00
558335.174160492.59	558335.17	4160492.59	WRKR_401	WORKER	2.45E-01	1.06E-04	5.44E+00	4.02E-03	4.81E-01	5.02E-04	6.18E+00
558335.174160502.59	558335.17	4160502.59	WRKR_402	WORKER	2.76E-01	1.12E-04	6.14E+00	4.25E-03	5.43E-01	5.31E-04	6.96E+00
558335.174160512.59	558335.17	4160512.59	WRKR_403	WORKER	3.14E-01	1.19E-04	6.97E+00	4.51E-03	6.16E-01	5.64E-04	7.91E+00
558335.174160522.59	558335.17	4160522.59	WRKR_404	WORKER	3.58E-01	1.27E-04	7.95E+00	4.80E-03	7.03E-01	6.01E-04	9.02E+00
558335.174160532.59	558335.17	4160532.59	WRKR_405	WORKER	4.09E-01	1.35E-04	9.09E+00	5.13E-03	8.03E-01	6.41E-04	1.03E+01
558345.174160362.59	558345.17	4160362.59	WRKR_406	WORKER	7.98E-02	6.58E-05	1.77E+00	2.50E-03	1.57E-01	3.12E-04	2.01E+00
558345.174160372.59	558345.17	4160372.59	WRKR_407	WORKER	8.50E-02	6.81E-05	1.89E+00	2.58E-03	1.67E-01	3.23E-04	2.14E+00
558345.174160382.59	558345.17	4160382.59	WRKR_408	WORKER	9.06E-02	7.05E-05	2.01E+00	2.68E-03	1.78E-01	3.35E-04	2.29E+00
558345.174160392.59	558345.17	4160392.59	WRKR_409	WORKER	9.70E-02	7.28E-05	2.16E+00	2.77E-03	1.91E-01	3.46E-04	2.45E+00
558345.174160402.59	558345.17	4160402.59	WRKR_410	WORKER	1.04E-01	7.54E-05	2.31E+00	2.86E-03	2.05E-01	3.58E-04	2.63E+00
558345.174160412.59	558345.17	4160412.59	WRKR_411	WORKER	1.12E-01	7.82E-05	2.49E+00	2.97E-03	2.20E-01	3.71E-04	2.83E+00
558345.174160422.59	558345.17	4160422.59	WRKR_412	WORKER	1.21E-01	8.12E-05	2.69E+00	3.08E-03	2.38E-01	3.85E-04	3.06E+00
558345.174160432.59	558345.17	4160432.59	WRKR_413	WORKER	1.31E-01	8.44E-05	2.92E+00	3.20E-03	2.58E-01	4.01E-04	3.32E+00
558345.174160442.59	558345.17	4160442.59	WRKR_414	WORKER	1.43E-01	8.75E-05	3.19E+00	3.32E-03	2.82E-01	4.15E-04	3.62E+00
558345.174160452.59	558345.17	4160452.59	WRKR_415	WORKER	1.57E-01	9.15E-05	3.49E+00	3.47E-03	3.09E-01	4.34E-04	3.96E+00
558345.174160462.59	558345.17	4160462.59	WRKR_416	WORKER	1.73E-01	9.59E-05	3.84E+00	3.64E-03	3.40E-01	4.55E-04	4.36E+00
558345.174160472.59	558345.17	4160472.59	WRKR_417	WORKER	1.91E-01	1.00E-04	4.25E+00	3.81E-03	3.76E-01	4.77E-04	4.82E+00
558345.174160482.59	558345.17	4160482.59	WRKR_418	WORKER	2.13E-01	1.06E-04	4.73E+00	4.01E-03	4.19E-01	5.01E-04	5.37E+00
558345.174160492.59	558345.17	4160492.59	WRKR_419	WORKER	2.39E-01	1.11E-04	5.31E+00	4.23E-03	4.69E-01	5.29E-04	6.02E+00
558345.174160502.59	558345.17	4160502.59	WRKR_420	WORKER	2.70E-01	1.18E-04	5.99E+00	4.49E-03	5.30E-01	5.61E-04	6.80E+00
558345.174160512.59	558345.17	4160512.59	WRKR_421	WORKER	3.06E-01	1.26E-04	6.80E+00	4.78E-03	6.01E-01	5.98E-04	7.72E+00
558345.174160522.59	558345.17	4160522.59	WRKR_422	WORKER	3.49E-01	1.35E-04	7.75E+00	5.11E-03	6.85E-01	6.39E-04	8.79E+00
558345.174160532.59	558345.17	4160532.59	WRKR_423	WORKER	3.98E-01	1.45E-04	8.85E+00	5.49E-03	7.82E-01	6.87E-04	1.00E+01
558355.174160362.59	558355.17	4160362.59	WRKR_424	WORKER	7.72E-02	6.84E-05	1.72E+00	2.60E-03	1.52E-01	3.25E-04	1.95E+00
558355.174160372.59	558355.17	4160372.59	WRKR_425	WORKER	8.22E-02	7.08E-05	1.83E+00	2.69E-03	1.62E-01	3.36E-04	2.07E+00
558355.174160382.59	558355.17	4160382.59	WRKR_426	WORKER	8.77E-02	7.33E-05	1.95E+00	2.78E-03	1.72E-01	3.48E-04	2.21E+00
558355.174160392.59	558355.17	4160392.59	WRKR_427	WORKER	9.39E-02	7.60E-05	2.09E+00	2.88E-03	1.84E-01	3.61E-04	2.37E+00
558355.174160402.59	558355.17	4160402.59	WRKR_428	WORKER	1.01E-01	7.86E-05	2.24E+00	2.98E-03	1.98E-01	3.73E-04	2.54E+00
558355.174160412.59	558355.17	4160412.59	WRKR_429	WORKER	1.09E-01	8.16E-05	2.41E+00	3.10E-03	2.13E-01	3.87E-04	2.74E+00
558355.174160422.59	558355.17	4160422.59	WRKR_430	WORKER	1.17E-01	8.47E-05	2.61E+00	3.22E-03	2.31E-01	4.02E-04	2.96E+00
558355.174160432.59	558355.17	4160432.59	WRKR_431	WORKER	1.28E-01	8.81E-05	2.84E+00	3.34E-03	2.51E-01	4.18E-04	3.22E+00

Cancer Risk

					AE		AH			
					3rd Tri		0<2		2<16		Total Cancer Risk (cases per million)
					Cancer Risk (cases per million)		Cancer Risk (cases per million)		Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD	
558355.174160442.59	558355.17	4160442.59	WRKR_432	WORKER	1.39E-01	9.16E-05	3.09E+00	3.48E-03	2.74E-01	4.35E-04	3.51E+00
558355.174160452.59	558355.17	4160452.59	WRKR_433	WORKER	1.53E-01	9.57E-05	3.39E+00	3.63E-03	3.00E-01	4.54E-04	3.85E+00
558355.174160462.59	558355.17	4160462.59	WRKR_434	WORKER	1.68E-01	1.00E-04	3.74E+00	3.81E-03	3.31E-01	4.76E-04	4.24E+00
558355.174160472.59	558355.17	4160472.59	WRKR_435	WORKER	1.86E-01	1.05E-04	4.14E+00	3.99E-03	3.66E-01	4.99E-04	4.70E+00
558355.174160482.59	558355.17	4160482.59	WRKR_436	WORKER	2.07E-01	1.11E-04	4.61E+00	4.20E-03	4.08E-01	5.25E-04	5.23E+00
558355.174160492.59	558355.17	4160492.59	WRKR_437	WORKER	2.33E-01	1.17E-04	5.17E+00	4.44E-03	4.57E-01	5.55E-04	5.86E+00
558355.174160502.59	558355.17	4160502.59	WRKR_438	WORKER	2.62E-01	1.24E-04	5.83E+00	4.71E-03	5.16E-01	5.89E-04	6.62E+00
558355.174160512.59	558355.17	4160512.59	WRKR_439	WORKER	2.97E-01	1.33E-04	6.61E+00	5.03E-03	5.85E-01	6.29E-04	7.50E+00
558355.174160522.59	558355.17	4160522.59	WRKR_440	WORKER	3.38E-01	1.42E-04	7.52E+00	5.40E-03	6.65E-01	6.75E-04	8.53E+00
558355.174160532.59	558355.17	4160532.59	WRKR_441	WORKER	3.86E-01	1.54E-04	8.59E+00	5.83E-03	7.59E-01	7.30E-04	9.74E+00
558365.174160362.59	558365.17	4160362.59	WRKR_442	WORKER	7.48E-02	7.13E-05	1.66E+00	2.70E-03	1.47E-01	3.38E-04	1.89E+00
558365.174160372.59	558365.17	4160372.59	WRKR_443	WORKER	7.96E-02	7.37E-05	1.77E+00	2.80E-03	1.57E-01	3.50E-04	2.01E+00
558365.174160382.59	558365.17	4160382.59	WRKR_444	WORKER	8.50E-02	7.64E-05	1.89E+00	2.90E-03	1.67E-01	3.62E-04	2.15E+00
558365.174160392.59	558365.17	4160392.59	WRKR_445	WORKER	9.10E-02	7.91E-05	2.02E+00	3.00E-03	1.79E-01	3.76E-04	2.30E+00
558365.174160402.59	558365.17	4160402.59	WRKR_446	WORKER	9.78E-02	8.20E-05	2.17E+00	3.11E-03	1.92E-01	3.89E-04	2.47E+00
558365.174160412.59	558365.17	4160412.59	WRKR_447	WORKER	1.05E-01	8.51E-05	2.34E+00	3.23E-03	2.07E-01	4.04E-04	2.66E+00
558365.174160422.59	558365.17	4160422.59	WRKR_448	WORKER	1.14E-01	8.84E-05	2.54E+00	3.35E-03	2.24E-01	4.19E-04	2.88E+00
558365.174160432.59	558365.17	4160432.59	WRKR_449	WORKER	1.24E-01	9.18E-05	2.76E+00	3.49E-03	2.44E-01	4.36E-04	3.13E+00
558365.174160442.59	558365.17	4160442.59	WRKR_450	WORKER	1.35E-01	9.57E-05	3.01E+00	3.63E-03	2.66E-01	4.54E-04	3.42E+00
558365.174160452.59	558365.17	4160452.59	WRKR_451	WORKER	1.49E-01	1.00E-04	3.30E+00	3.80E-03	2.92E-01	4.75E-04	3.75E+00
558365.174160462.59	558365.17	4160462.59	WRKR_452	WORKER	1.64E-01	1.05E-04	3.64E+00	3.98E-03	3.22E-01	4.97E-04	4.13E+00
558365.174160472.59	558365.17	4160472.59	WRKR_453	WORKER	1.82E-01	1.10E-04	4.04E+00	4.17E-03	3.57E-01	5.22E-04	4.58E+00
558365.174160482.59	558365.17	4160482.59	WRKR_454	WORKER	2.02E-01	1.16E-04	4.50E+00	4.39E-03	3.98E-01	5.49E-04	5.11E+00
558365.174160492.59	558365.17	4160492.59	WRKR_455	WORKER	2.27E-01	1.22E-04	5.04E+00	4.65E-03	4.46E-01	5.81E-04	5.72E+00
558365.174160502.59	558365.17	4160502.59	WRKR_456	WORKER	2.56E-01	1.30E-04	5.68E+00	4.94E-03	5.02E-01	6.17E-04	6.45E+00
558365.174160512.59	558365.17	4160512.59	WRKR_457	WORKER	2.89E-01	1.39E-04	6.43E+00	5.27E-03	5.68E-01	6.59E-04	7.29E+00
558365.174160522.59	558365.17	4160522.59	WRKR_458	WORKER	3.28E-01	1.49E-04	7.29E+00	5.67E-03	6.45E-01	7.09E-04	8.27E+00
558365.174160532.59	558365.17	4160532.59	WRKR_459	WORKER	3.73E-01	1.62E-04	8.30E+00	6.15E-03	7.34E-01	7.69E-04	9.41E+00
558375.174160362.59	558375.17	4160362.59	WRKR_460	WORKER	7.26E-02	7.43E-05	1.61E+00	2.82E-03	1.43E-01	3.53E-04	1.83E+00
558375.174160372.59	558375.17	4160372.59	WRKR_461	WORKER	7.73E-02	7.70E-05	1.72E+00	2.92E-03	1.52E-01	3.65E-04	1.95E+00
558375.174160382.59	558375.17	4160382.59	WRKR_462	WORKER	8.26E-02	7.98E-05	1.84E+00	3.03E-03	1.62E-01	3.79E-04	2.08E+00
558375.174160392.59	558375.17	4160392.59	WRKR_463	WORKER	8.85E-02	8.24E-05	1.97E+00	3.13E-03	1.74E-01	3.91E-04	2.23E+00
558375.174160402.59	558375.17	4160402.59	WRKR_464	WORKER	9.51E-02	8.55E-05	2.11E+00	3.25E-03	1.87E-01	4.06E-04	2.40E+00
558375.174160412.59	558375.17	4160412.59	WRKR_465	WORKER	1.03E-01	8.88E-05	2.28E+00	3.37E-03	2.02E-01	4.21E-04	2.59E+00
558375.174160422.59	558375.17	4160422.59	WRKR_466	WORKER	1.11E-01	9.21E-05	2.47E+00	3.50E-03	2.18E-01	4.37E-04	2.80E+00
558375.174160432.59	558375.17	4160432.59	WRKR_467	WORKER	1.21E-01	9.58E-05	2.69E+00	3.64E-03	2.38E-01	4.55E-04	3.05E+00
558375.174160442.59	558375.17	4160442.59	WRKR_468	WORKER	1.32E-01	9.99E-05	2.94E+00	3.79E-03	2.60E-01	4.74E-04	3.33E+00
558375.174160452.59	558375.17	4160452.59	WRKR_469	WORKER	1.45E-01	1.04E-04	3.22E+00	3.96E-03	2.85E-01	4.96E-04	3.66E+00
558375.174160462.59	558375.17	4160462.59	WRKR_470	WORKER	1.60E-01	1.09E-04	3.56E+00	4.15E-03	3.14E-01	5.19E-04	4.04E+00
558375.174160472.59	558375.17	4160472.59	WRKR_471	WORKER	1.78E-01	1.15E-04	3.95E+00	4.36E-03	3.49E-01	5.45E-04	4.48E+00
558375.174160482.59	558375.17	4160482.59	WRKR_472	WORKER	1.98E-01	1.21E-04	4.40E+00	4.59E-03	3.89E-01	5.74E-04	4.99E+00
558375.174160492.59	558375.17	4160492.59	WRKR_473	WORKER	2.22E-01	1.28E-04	4.93E+00	4.86E-03	4.35E-01	6.07E-04	5.59E+00
558375.174160502.59	558375.17	4160502.59	WRKR_474	WORKER	2.49E-01	1.36E-04	5.54E+00	5.16E-03	4.90E-01	6.46E-04	6.28E+00
558375.174160512.59	558375.17	4160512.59	WRKR_475	WORKER	2.81E-01	1.45E-04	6.25E+00	5.52E-03	5.52E-01	6.91E-04	7.09E+00
558375.174160522.59	558375.17	4160522.59	WRKR_476	WORKER	3.18E-01	1.57E-04	7.07E+00	5.95E-03	6.25E-01	7.44E-04	8.02E+00
558375.174160532.59	558375.17	4160532.59	WRKR_477	WORKER	3.61E-01	1.70E-04	8.02E+00	6.46E-03	7.09E-01	8.08E-04	9.09E+00
558385.174160362.59	558385.17	4160362.59	WRKR_478	WORKER	7.07E-02	7.75E-05	1.57E+00	2.94E-03	1.39E-01	3.68E-04	1.78E+00
558385.174160372.59	558385.17	4160372.59	WRKR_479	WORKER	7.53E-02	8.05E-05	1.67E+00	3.05E-03	1.48E-01	3.82E-04	1.90E+00
558385.174160382.59	558385.17	4160382.59	WRKR_480	WORKER	8.04E-02	8.33E-05	1.79E+00	3.16E-03	1.58E-01	3.96E-04	2.03E+00
558385.174160392.59	558385.17	4160392.59	WRKR_481	WORKER	8.62E-02	8.59E-05	1.92E+00	3.26E-03	1.69E-01	4.07E-04	2.18E+00
558385.174160402.59	558385.17	4160402.59	WRKR_482	WORKER	9.27E-02	8.91E-05	2.06E+00	3.38E-03	1.82E-01	4.23E-04	2.34E+00
558385.174160412.59	558385.17	4160412.59	WRKR_483	WORKER	1.00E-01	9.26E-05	2.23E+00	3.51E-03	1.97E-01	4.39E-04	2.53E+00
558385.174160422.59	558385.17	4160422.59	WRKR_484	WORKER	1.09E-01	9.62E-05	2.41E+00	3.65E-03	2.13E-01	4.56E-04	2.74E+00
558385.174160432.59	558385.17	4160432.59	WRKR_485	WORKER	1.18E-01	1.00E-04	2.63E+00	3.80E-03	2.32E-01	4.75E-04	2.98E+00
558385.174160442.59	558385.17	4160442.59	WRKR_486	WORKER	1.29E-01	1.04E-04	2.87E+00	3.96E-03	2.54E-01	4.95E-04	3.26E+00
558385.174160452.59	558385.17	4160452.59	WRKR_487	WORKER	1.42E-01	1.09E-04	3.15E+00	4.14E-03	2.79E-01	5.17E-04	3.58E+00
558385.174160462.59	558385.17	4160462.59	WRKR_488	WORKER	1.57E-01	1.14E-04	3.48E+00	4.33E-03	3.08E-01	5.41E-04	3.95E+00
558385.174160472.59	558385.17	4160472.59	WRKR_489	WORKER	1.74E-01	1.20E-04	3.86E+00	4.55E-03	3.42E-01	5.69E-04	4.38E+00
558385.174160482.59	558385.17	4160482.59	WRKR_490	WORKER	1.94E-01	1.26E-04	4.30E+00	4.79E-03	3.81E-01	5.99E-04	4.88E+00
558385.174160492.59	558385.17	4160492.59	WRKR_491	WORKER	2.17E-01	1.34E-04	4.81E+00	5.07E-03	4.26E-01	6.34E-04	5.46E+00
558385.174160502.59	558385.17	4160502.59	WRKR_492	WORKER	2.43E-01	1.42E-04	5.40E+00	5.40E-03	4.78E-01	6.75E-04	6.13E+00
558385.174160512.59	558385.17	4160512.59	WRKR_493	WORKER	2.73E-01	1.52E-04	6.08E+00	5.77E-03	5.37E-01	7.22E-04	6.89E+00
558385.174160522.59	558385.17	4160522.59	WRKR_494	WORKER	3.08E-01	1.64E-04	6.85E+00	6.22E-03	6.06E-01	7.78E-04	7.77E+00
558385.174160532.59	558385.17	4160532.59	WRKR_495	WORKER	3.48E-01	1.78E-04	7.73E+00	6.76E-03	6.84E-01	8.46E-04	8.77E+00
558395.174160362.59	558395.17	4160362.59	WRKR_496	WORKER	6.89E-02	8.08E-05	1.53E+00	3.07E-03	1.35E-01	3.83E-04	1.74E+00
558395.174160372.59	558395.17	4160372.59	WRKR_497	WORKER	7.35E-02	8.37E-05	1.63E+00	3.18E-03	1.44E-01	3.97E-04	1.85E+00
558395.174160382.59	558395.17	4160382.59	WRKR_498	WORKER	7.86E-02	8.66E-05	1.75E+00	3.29E-03	1.54E-01	4.11E-04	1.98E+00
558395.174160392.59	558395.17	4160392.59	WRKR_499	WORKER	8.43E-02	8.97E-05	1.87E+00	3.40E-03	1.66E-01	4.26E-04	2.13E+00
558395.174160402.59	558395.17	4160402.59	WRKR_500	WORKER	9.07E-02	9.29E-05	2.02E+00	3.53E-03	1.78E-01	4.41E-04	2.29E+00
558395.174160412.59	558395.17	4160412.59	WRKR_501	WORKER	9.80E-02	9.65E-05	2.18E+00	3.66E-03	1.93E-01	4.58E-04	2.47E+00
558395.174160422.59	558395.17	4160422.59	WRKR_502	WORKER	1.06E-01	1.00E-04	2.36E+00	3.80E-03	2.09E-01	4.76E-04	2.68E+00
558395.174160432.59	558395.17	4160432.59	WRKR_503	WORKER	1.16E-01	1.04E-04	2.58E+00	3.96E-03	2.28E-01	4.95E-04	2.93E+00
558395.174160442.59	558395.17	4160442.59	WRKR_504	WORKER	1.27E-01	1.09E-04	2.82E+00	4.13E-03	2.49E-01	5.16E-04	3.20E+00
558395.174160452.59	558395.17	4160452.59	WRKR_505	WORKER	1.39E-01	1.14E-04	3.10E+00	4.32E-03	2.74E-01	5.40E-04	3.52E+00
558395.174160462.59	558395.17	4160462.59	WRKR_506	WORKER	1.54E-01	1.19E-04	3.42E+00	4.52E-03	3.02E-01	5.65E-04	3.88E+00
558395.174160472.59	558395.17	4160472.59	WRKR_507	WORKER	1.71E-01	1.25E-04	3.79E+00	4.75E-03	3.35E-01	5.93E-04	4.30E+00
558395.174160482.59	558395.17	4160482.59	WRKR_508	WORKER	1.90E-01	1.32E-04	4.22E+00	5.00E-03	3.73E-01	6.25E-04	4.79E+00
558395.174160492.59	558395.17	4160492.59	WRKR_509	WORKER	2.12E-01	1.39E-04	4.72E+00	5.29E-03	4.17E-01	6.62E-04	5.35E+00
558395.174160502.59	558395.17	4160502.59	WRKR_510	WORKER	2.38E-01	1.48E-04	5.28E+00	5.63E-03	4.67E-01	7.04E-04	5.99E+00
558395.174160512.59	558395.17	4160512.59	WRKR_511	WORKER	2.66E-01	1.59E-04	5.92E+00	6.03E-03	5.23E-01	7.54E-04	6.72E+00
557513.484160678.78	557513.48	4160678.78	HOTEL_1	RESIDENT	2.07E-02	6.11E-06	4.60E-01	2.32E-04	4.07E-02	2.90E-05	5.22E-01
557513.484160688.78	557513.48	4160688.78	HOTEL_2	RESIDENT	2.06E-02	6.11E-06	4.59E-01	2.32E-04	4.06E-02	2.90E-05	5.20E-01
557513.484160698.78	557513.48	4160698.78	HOTEL_3	RESIDENT	2.06E-02	6.12E-06	4.57E-01	2.32E-04	4.04E-02	2.90E-05	5.19E-01
557513.484160708.78	557513.48	4160708.78	HOTEL_4	RESIDENT	2.05E-02	6.12E-06	4.56E-01	2.32E-04	4.04E-02	2.91E-05	5.18E-01
557513.484160718.78	557513.48	4160718.78	HOTEL_5	RESIDENT	2.05E-02	6.13E-06	4.56E-01	2.33E-04	4.03E-02	2.91E-05	5.17E-01
557513.484160728.78	557513.48	4160728.78	HOTEL_6	RESIDENT	2.05E-02	6.13E-06	4.56E-01	2.33E-04	4.03E-02	2.91E-05	5.17E-01
557523.484160678.78	557523.48	4160678.78	HOTEL_7	RESIDENT	2.12E-02	6.20E-06	4.72E-01	2.35E-04	4.18E-02	2.94E-05	5.36E-01

Cancer Risk

					AE		AH		
					3rd Tri		0<2		2<16		Total Cancer Risk (cases per million)
					Cancer Risk (cases per million)		Cancer Risk (cases per million)		Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD	
557523.484160688.78	557523.48	4160688.78	HOTEL_8	RESIDENT	2.12E-02	6.21E-06	4.71E-01	2.36E-04	4.16E-02	2.95E-05	5.34E-01
557523.484160698.78	557523.48	4160698.78	HOTEL_9	RESIDENT	2.11E-02	6.21E-06	4.69E-01	2.36E-04	4.15E-02	2.95E-05	5.32E-01
557523.484160708.78	557523.48	4160708.78	HOTEL_10	RESIDENT	2.11E-02	6.21E-06	4.68E-01	2.36E-04	4.14E-02	2.95E-05	5.31E-01
557523.484160718.78	557523.48	4160718.78	HOTEL_11	RESIDENT	2.11E-02	6.22E-06	4.68E-01	2.36E-04	4.14E-02	2.95E-05	5.31E-01
557523.484160728.78	557523.48	4160728.78	HOTEL_12	RESIDENT	2.10E-02	6.23E-06	4.68E-01	2.36E-04	4.14E-02	2.96E-05	5.31E-01
557533.484160678.78	557533.48	4160678.78	HOTEL_13	RESIDENT	2.19E-02	6.30E-06	4.86E-01	2.39E-04	4.30E-02	2.99E-05	5.51E-01
557533.484160688.78	557533.48	4160688.78	HOTEL_14	RESIDENT	2.18E-02	6.31E-06	4.84E-01	2.39E-04	4.28E-02	2.99E-05	5.49E-01
557533.484160698.78	557533.48	4160698.78	HOTEL_15	RESIDENT	2.17E-02	6.31E-06	4.83E-01	2.40E-04	4.27E-02	3.00E-05	5.48E-01
557533.484160708.78	557533.48	4160708.78	HOTEL_16	RESIDENT	2.17E-02	6.32E-06	4.82E-01	2.40E-04	4.26E-02	3.00E-05	5.47E-01
557533.484160718.78	557533.48	4160718.78	HOTEL_17	RESIDENT	2.17E-02	6.32E-06	4.81E-01	2.40E-04	4.26E-02	3.00E-05	5.46E-01
557533.484160728.78	557533.48	4160728.78	HOTEL_18	RESIDENT	2.16E-02	6.33E-06	4.81E-01	2.40E-04	4.26E-02	3.00E-05	5.46E-01
557543.484160678.78	557543.48	4160678.78	HOTEL_19	RESIDENT	2.25E-02	6.41E-06	5.00E-01	2.43E-04	4.42E-02	3.04E-05	5.67E-01
557543.484160688.78	557543.48	4160688.78	HOTEL_20	RESIDENT	2.24E-02	6.41E-06	4.98E-01	2.43E-04	4.40E-02	3.04E-05	5.65E-01
557543.484160698.78	557543.48	4160698.78	HOTEL_21	RESIDENT	2.23E-02	6.41E-06	4.97E-01	2.43E-04	4.39E-02	3.04E-05	5.63E-01
557543.484160708.78	557543.48	4160708.78	HOTEL_22	RESIDENT	2.23E-02	6.42E-06	4.96E-01	2.44E-04	4.39E-02	3.05E-05	5.63E-01
557543.484160718.78	557543.48	4160718.78	HOTEL_23	RESIDENT	2.23E-02	6.42E-06	4.95E-01	2.44E-04	4.38E-02	3.05E-05	5.62E-01
557543.484160728.78	557543.48	4160728.78	HOTEL_24	RESIDENT	2.23E-02	6.43E-06	4.95E-01	2.44E-04	4.38E-02	3.05E-05	5.62E-01
557553.484160678.78	557553.48	4160678.78	HOTEL_25	RESIDENT	2.32E-02	6.52E-06	5.16E-01	2.48E-04	4.57E-02	3.10E-05	5.86E-01
557553.484160688.78	557553.48	4160688.78	HOTEL_26	RESIDENT	2.31E-02	6.52E-06	5.14E-01	2.48E-04	4.55E-02	3.10E-05	5.83E-01
557553.484160698.78	557553.48	4160698.78	HOTEL_27	RESIDENT	2.31E-02	6.53E-06	5.13E-01	2.48E-04	4.54E-02	3.10E-05	5.82E-01
557553.484160708.78	557553.48	4160708.78	HOTEL_28	RESIDENT	2.31E-02	6.53E-06	5.12E-01	2.48E-04	4.53E-02	3.10E-05	5.81E-01
557553.484160718.78	557553.48	4160718.78	HOTEL_29	RESIDENT	2.30E-02	6.54E-06	5.11E-01	2.48E-04	4.52E-02	3.10E-05	5.80E-01
557553.484160728.78	557553.48	4160728.78	HOTEL_30	RESIDENT	2.30E-02	6.54E-06	5.11E-01	2.48E-04	4.52E-02	3.11E-05	5.79E-01
557563.484160678.78	557563.48	4160678.78	HOTEL_31	RESIDENT	2.40E-02	6.64E-06	5.34E-01	2.52E-04	4.72E-02	3.15E-05	6.05E-01
557563.484160688.78	557563.48	4160688.78	HOTEL_32	RESIDENT	2.39E-02	6.64E-06	5.31E-01	2.52E-04	4.70E-02	3.15E-05	6.02E-01
557563.484160698.78	557563.48	4160698.78	HOTEL_33	RESIDENT	2.38E-02	6.64E-06	5.29E-01	2.52E-04	4.68E-02	3.15E-05	6.00E-01
557563.484160708.78	557563.48	4160708.78	HOTEL_34	RESIDENT	2.38E-02	6.64E-06	5.28E-01	2.52E-04	4.67E-02	3.15E-05	5.99E-01
557563.484160718.78	557563.48	4160718.78	HOTEL_35	RESIDENT	2.37E-02	6.65E-06	5.27E-01	2.52E-04	4.66E-02	3.16E-05	5.97E-01
557563.484160728.78	557563.48	4160728.78	HOTEL_36	RESIDENT	2.37E-02	6.65E-06	5.27E-01	2.53E-04	4.66E-02	3.16E-05	5.97E-01
557573.484160678.78	557573.48	4160678.78	HOTEL_37	RESIDENT	2.47E-02	6.75E-06	5.49E-01	2.56E-04	4.85E-02	3.20E-05	6.22E-01
557573.484160688.78	557573.48	4160688.78	HOTEL_38	RESIDENT	2.46E-02	6.75E-06	5.48E-01	2.56E-04	4.84E-02	3.20E-05	6.21E-01
557573.484160698.78	557573.48	4160698.78	HOTEL_39	RESIDENT	2.46E-02	6.75E-06	5.46E-01	2.56E-04	4.83E-02	3.20E-05	6.19E-01
557573.484160708.78	557573.48	4160708.78	HOTEL_40	RESIDENT	2.45E-02	6.76E-06	5.45E-01	2.56E-04	4.82E-02	3.21E-05	6.18E-01
557573.484160718.78	557573.48	4160718.78	HOTEL_41	RESIDENT	2.44E-02	6.76E-06	5.43E-01	2.57E-04	4.80E-02	3.21E-05	6.16E-01
557573.484160728.78	557573.48	4160728.78	HOTEL_42	RESIDENT	2.44E-02	6.77E-06	5.43E-01	2.57E-04	4.80E-02	3.21E-05	6.16E-01
557583.484160678.78	557583.48	4160678.78	HOTEL_43	RESIDENT	2.54E-02	6.86E-06	5.65E-01	2.60E-04	5.00E-02	3.25E-05	6.41E-01
557583.484160688.78	557583.48	4160688.78	HOTEL_44	RESIDENT	2.53E-02	6.86E-06	5.63E-01	2.60E-04	4.98E-02	3.26E-05	6.39E-01
557583.484160698.78	557583.48	4160698.78	HOTEL_45	RESIDENT	2.53E-02	6.87E-06	5.62E-01	2.61E-04	4.97E-02	3.26E-05	6.38E-01
557583.484160708.78	557583.48	4160708.78	HOTEL_46	RESIDENT	2.53E-02	6.88E-06	5.62E-01	2.61E-04	4.97E-02	3.26E-05	6.37E-01
557583.484160718.78	557583.48	4160718.78	HOTEL_47	RESIDENT	2.52E-02	6.88E-06	5.61E-01	2.61E-04	4.96E-02	3.26E-05	6.36E-01
557583.484160728.78	557583.48	4160728.78	HOTEL_48	RESIDENT	2.52E-02	6.88E-06	5.60E-01	2.61E-04	4.95E-02	3.27E-05	6.35E-01
557593.484160678.78	557593.48	4160678.78	HOTEL_49	RESIDENT	2.63E-02	6.98E-06	5.84E-01	2.65E-04	5.16E-02	3.31E-05	6.62E-01
557593.484160688.78	557593.48	4160688.78	HOTEL_50	RESIDENT	2.62E-02	6.98E-06	5.82E-01	2.65E-04	5.15E-02	3.31E-05	6.60E-01
557593.484160698.78	557593.48	4160698.78	HOTEL_51	RESIDENT	2.61E-02	6.99E-06	5.81E-01	2.65E-04	5.13E-02	3.32E-05	6.58E-01
557593.484160708.78	557593.48	4160708.78	HOTEL_52	RESIDENT	2.61E-02	6.99E-06	5.80E-01	2.65E-04	5.13E-02	3.32E-05	6.57E-01
557593.484160718.78	557593.48	4160718.78	HOTEL_53	RESIDENT	2.60E-02	7.00E-06	5.79E-01	2.66E-04	5.12E-02	3.32E-05	6.56E-01
557593.484160728.78	557593.48	4160728.78	HOTEL_54	RESIDENT	2.60E-02	7.00E-06	5.78E-01	2.66E-04	5.11E-02	3.32E-05	6.56E-01
557603.484160678.78	557603.48	4160678.78	HOTEL_55	RESIDENT	2.71E-02	7.10E-06	6.03E-01	2.70E-04	5.33E-02	3.37E-05	6.83E-01
557603.484160688.78	557603.48	4160688.78	HOTEL_56	RESIDENT	2.71E-02	7.11E-06	6.02E-01	2.70E-04	5.32E-02	3.37E-05	6.82E-01
557603.484160698.78	557603.48	4160698.78	HOTEL_57	RESIDENT	2.70E-02	7.11E-06	6.00E-01	2.70E-04	5.31E-02	3.37E-05	6.80E-01
557603.484160708.78	557603.48	4160708.78	HOTEL_58	RESIDENT	2.69E-02	7.12E-06	5.99E-01	2.70E-04	5.29E-02	3.38E-05	6.79E-01
557603.484160718.78	557603.48	4160718.78	HOTEL_59	RESIDENT	2.69E-02	7.12E-06	5.98E-01	2.70E-04	5.29E-02	3.38E-05	6.79E-01
557613.484160678.78	557613.48	4160678.78	HOTEL_60	RESIDENT	2.81E-02	7.24E-06	6.25E-01	2.75E-04	5.53E-02	3.44E-05	7.09E-01
557613.484160688.78	557613.48	4160688.78	HOTEL_61	RESIDENT	2.80E-02	7.24E-06	6.23E-01	2.75E-04	5.51E-02	3.44E-05	7.06E-01
557613.484160698.78	557613.48	4160698.78	HOTEL_62	RESIDENT	2.79E-02	7.24E-06	6.21E-01	2.75E-04	5.49E-02	3.44E-05	7.04E-01
557613.484160708.78	557613.48	4160708.78	HOTEL_63	RESIDENT	2.79E-02	7.25E-06	6.20E-01	2.75E-04	5.48E-02	3.44E-05	7.03E-01
557623.484160688.78	557623.48	4160688.78	HOTEL_64	RESIDENT	2.90E-02	7.37E-06	6.45E-01	2.80E-04	5.70E-02	3.50E-05	7.31E-01
557623.484160698.78	557623.48	4160698.78	HOTEL_65	RESIDENT	2.89E-02	7.37E-06	6.42E-01	2.80E-04	5.68E-02	3.50E-05	7.28E-01
557623.484160708.78	557623.48	4160708.78	HOTEL_66	RESIDENT	2.89E-02	7.38E-06	6.42E-01	2.80E-04	5.67E-02	3.50E-05	7.28E-01
558477.664160568.94	558477.66	4160568.94	WRKR_512	WORKER	3.74E-01	4.13E-04	8.32E+00	1.57E-02	7.35E-01	1.96E-03	9.44E+00
558477.664160578.94	558477.66	4160578.94	WRKR_513	WORKER	4.11E-01	4.78E-04	9.13E+00	1.81E-02	8.07E-01	2.27E-03	1.04E+01
558477.664160588.94	558477.66	4160588.94	WRKR_514	WORKER	4.51E-01	5.65E-04	1.00E+01	2.14E-02	8.86E-01	2.68E-03	1.14E+01
558477.664160598.94	558477.66	4160598.94	WRKR_515	WORKER	4.94E-01	6.86E-04	1.10E+01	2.60E-02	9.70E-01	3.26E-03	1.25E+01
558487.664160568.94	558487.66	4160568.94	WRKR_516	WORKER	3.56E-01	4.30E-04	7.92E+00	1.63E-02	7.00E-01	2.04E-03	8.99E+00
558487.664160578.94	558487.66	4160578.94	WRKR_517	WORKER	3.88E-01	4.90E-04	8.63E+00	1.86E-02	7.63E-01	2.32E-03	9.80E+00
558487.664160588.94	558487.66	4160588.94	WRKR_518	WORKER	4.22E-01	5.67E-04	9.38E+00	2.15E-02	8.30E-01	2.69E-03	1.07E+01
558487.664160598.94	558487.66	4160598.94	WRKR_519	WORKER	4.59E-01	6.74E-04	1.02E+01	2.56E-02	9.01E-01	3.20E-03	1.16E+01
558497.664160568.94	558497.66	4160568.94	WRKR_520	WORKER	3.44E-01	4.55E-04	7.64E+00	1.73E-02	6.75E-01	2.16E-03	8.68E+00
558497.664160578.94	558497.66	4160578.94	WRKR_521	WORKER	3.72E-01	5.12E-04	8.28E+00	1.94E-02	7.32E-01	2.43E-03	9.41E+00
558497.664160588.94	558497.66	4160588.94	WRKR_522	WORKER	4.03E-01	5.90E-04	8.96E+00	2.24E-02	7.92E-01	2.80E-03	1.02E+01
558497.664160598.94	558497.66	4160598.94	WRKR_523	WORKER	4.35E-01	6.96E-04	9.66E+00	2.64E-02	8.54E-01	3.30E-03	1.10E+01
558507.664160568.94	558507.66	4160568.94	WRKR_524	WORKER	3.34E-01	4.96E-04	7.42E+00	1.88E-02	6.56E-01	2.36E-03	8.43E+00
558507.664160578.94	558507.66	4160578.94	WRKR_525	WORKER	3.59E-01	5.53E-04	7.99E+00	2.10E-02	7.06E-01	2.62E-03	9.08E+00
558507.664160588.94	558507.66	4160588.94	WRKR_526	WORKER	3.87E-01	6.37E-04	8.61E+00	2.42E-02	7.62E-01	3.02E-03	9.79E+00
558507.664160598.94	558507.66	4160598.94	WRKR_527	WORKER	4.15E-01	7.52E-04	9.23E+00	2.85E-02	8.16E-01	3.57E-03	1.05E+01
558517.664160568.94	558517.66	4160568.94	WRKR_528	WORKER	3.23E-01	5.45E-04	7.18E+00	2.07E-02	6.35E-01	2.59E-03	8.16E+00
558517.664160578.94	558517.66	4160578.94	WRKR_529	WORKER	3.46E-01	6.06E-04	7.69E+00	2.30E-02	6.80E-01	2.88E-03	8.75E+00
558517.664160588.94	558517.66	4160588.94	WRKR_530	WORKER	3.70E-01	6.91E-04	8.23E+00	2.62E-02	7.28E-01	3.28E-03	9.36E+00
558517.664160598.94	558517.66	4160598.94	WRKR_531	WORKER	3.95E-01	8.20E-04	8.78E+00	3.11E-02	7.76E-01	3.89E-03	9.99E+00
558527.664160568.94	558527.66	4160568.94	WRKR_532	WORKER	3.11E-01	6.06E-04	6.92E+00	2.30E-02	6.12E-01	2.87E-03	7.87E+00
558527.664160578.94	558527.66	4160578.94	WRKR_533	WORKER	3.32E-01	6.74E-04	7.39E+00	2.56E-02	6.53E-01	3.20E-03	8.41E+00
558527.664160588.94	558527.66	4160588.94	WRKR_534	WORKER	3.54E-01	7.69E-04	7.86E+00	2.92E-02	6.95E-01	3.65E-03	8.95E+00
558527.664160598.94	558527.66	4160598.94	WRKR_535	WORKER	3.75E-01	7.12E-04	8.33E+00	2.70E-02	7.36E-01	3.38E-03	9.47E+00
558537.664160568.94	558537.66	4160568.94	WRKR_536	WORKER	3.00E-01	6.91E-04	6.67E+00	2.62E-02	5.90E-01	3.28E-03	7.59E+00
558537.664160578.94	558537.66	4160578.94	WRKR_537	WORKER	3.19E-01	7.68E-04	7.09E+00	2.92E-02	6.27E-01	3.65E-03	8.07E+00
558537.664160588.94	558537.66	4160588.94	WRKR_538	WORKER	3.37E-01	6.48E-04	7.50E+00	2.46E-02	6.63E-01	3.07E-03	8.53E+00
558537.664160598.94	558537.66	4160598.94	WRKR_539	WORKER	3.55E-01	7.22E-04	7.89E+00	2.74E-02	6.98E-01	3.43E-03	8.97E+00

Cancer Risk

					AE		AH			
					3rd Tri		0<2		2<16		Total Cancer Risk (cases per million)
					Cancer Risk (cases per million)		Cancer Risk (cases per million)		Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD	
558547.664160568.94	558547.66	4160568.94	WRKR_540	WORKER	2.89E-01	8.11E-04	6.43E+00	3.08E-02	5.68E-01	3.85E-03	7.32E+00
558547.664160578.94	558547.66	4160578.94	WRKR_541	WORKER	3.06E-01	6.40E-04	6.79E+00	2.43E-02	6.01E-01	3.04E-03	7.73E+00
558547.664160588.94	558547.66	4160588.94	WRKR_542	WORKER	3.21E-01	4.81E-04	7.14E+00	1.82E-02	6.31E-01	2.28E-03	8.11E+00
558557.664160568.94	558557.66	4160568.94	WRKR_543	WORKER	2.78E-01	4.56E-04	6.19E+00	1.73E-02	5.47E-01	2.16E-03	7.04E+00
558600.644160569.24	558600.64	4160569.24	WRKR_544	WORKER	2.35E-01	5.88E-04	5.23E+00	2.23E-02	4.62E-01	2.79E-03	5.95E+00
558600.644160579.24	558600.64	4160579.24	WRKR_545	WORKER	2.43E-01	6.01E-04	5.39E+00	2.28E-02	4.77E-01	2.85E-03	6.14E+00
558600.644160589.24	558600.64	4160589.24	WRKR_546	WORKER	2.49E-01	7.22E-04	5.54E+00	2.74E-02	4.90E-01	3.43E-03	6.31E+00
558600.644160599.24	558600.64	4160599.24	WRKR_547	WORKER	2.55E-01	6.55E-04	5.67E+00	2.49E-02	5.01E-01	3.11E-03	6.45E+00
558610.644160569.24	558610.64	4160569.24	WRKR_548	WORKER	2.25E-01	7.08E-04	5.00E+00	2.69E-02	4.42E-01	3.36E-03	5.70E+00
558610.644160579.24	558610.64	4160579.24	WRKR_549	WORKER	2.31E-01	6.54E-04	5.14E+00	2.48E-02	4.54E-01	3.11E-03	5.85E+00
558610.644160589.24	558610.64	4160589.24	WRKR_550	WORKER	2.37E-01	6.03E-04	5.26E+00	2.29E-02	4.65E-01	2.86E-03	5.99E+00
558610.644160599.24	558610.64	4160599.24	WRKR_551	WORKER	2.41E-01	5.47E-04	5.37E+00	2.08E-02	4.74E-01	2.60E-03	6.10E+00
558620.644160569.24	558620.64	4160569.24	WRKR_552	WORKER	2.15E-01	6.03E-04	4.78E+00	2.29E-02	4.23E-01	2.86E-03	5.45E+00
558620.644160579.24	558620.64	4160579.24	WRKR_553	WORKER	2.20E-01	5.57E-04	4.90E+00	2.12E-02	4.33E-01	2.65E-03	5.58E+00
558620.644160589.24	558620.64	4160589.24	WRKR_554	WORKER	2.25E-01	5.15E-04	5.01E+00	1.96E-02	4.43E-01	2.45E-03	5.70E+00
558620.644160599.24	558620.64	4160599.24	WRKR_555	WORKER	2.29E-01	4.69E-04	5.09E+00	1.78E-02	4.50E-01	2.23E-03	5.79E+00
558630.644160569.24	558630.64	4160569.24	WRKR_556	WORKER	2.06E-01	5.20E-04	4.57E+00	1.97E-02	4.04E-01	2.47E-03	5.20E+00
558630.644160579.24	558630.64	4160579.24	WRKR_557	WORKER	2.10E-01	4.84E-04	4.67E+00	1.84E-02	4.13E-01	2.30E-03	5.32E+00
558630.644160589.24	558630.64	4160589.24	WRKR_558	WORKER	2.14E-01	4.45E-04	4.76E+00	1.69E-02	4.21E-01	2.11E-03	5.41E+00
558630.644160599.24	558630.64	4160599.24	WRKR_559	WORKER	2.17E-01	4.05E-04	4.82E+00	1.54E-02	4.26E-01	1.92E-03	5.48E+00
558640.644160569.24	558640.64	4160569.24	WRKR_560	WORKER	1.97E-01	4.53E-04	4.37E+00	1.72E-02	3.86E-01	2.15E-03	4.97E+00
558640.644160579.24	558640.64	4160579.24	WRKR_561	WORKER	2.00E-01	4.22E-04	4.45E+00	1.60E-02	3.94E-01	2.00E-03	5.07E+00
558640.644160589.24	558640.64	4160589.24	WRKR_562	WORKER	2.03E-01	3.87E-04	4.52E+00	1.47E-02	4.00E-01	1.84E-03	5.14E+00
558640.644160599.24	558640.64	4160599.24	WRKR_563	WORKER	2.05E-01	3.53E-04	4.57E+00	1.34E-02	4.04E-01	1.67E-03	5.19E+00
558650.644160569.24	558650.64	4160569.24	WRKR_564	WORKER	1.88E-01	3.98E-04	4.17E+00	1.51E-02	3.69E-01	1.89E-03	4.75E+00
558650.644160579.24	558650.64	4160579.24	WRKR_565	WORKER	1.91E-01	3.71E-04	4.24E+00	1.41E-02	3.75E-01	1.76E-03	4.83E+00
558650.644160589.24	558650.64	4160589.24	WRKR_566	WORKER	1.93E-01	3.42E-04	4.29E+00	1.30E-02	3.80E-01	1.62E-03	4.88E+00
558650.644160599.24	558650.64	4160599.24	WRKR_567	WORKER	1.95E-01	3.13E-04	4.33E+00	1.19E-02	3.83E-01	1.49E-03	4.92E+00
558660.644160569.24	558660.64	4160569.24	WRKR_568	WORKER	1.80E-01	3.58E-04	3.99E+00	1.36E-02	3.53E-01	1.70E-03	4.54E+00
558660.644160579.24	558660.64	4160579.24	WRKR_569	WORKER	1.82E-01	3.33E-04	4.05E+00	1.26E-02	3.58E-01	1.58E-03	4.60E+00
558660.644160589.24	558660.64	4160589.24	WRKR_570	WORKER	1.84E-01	3.07E-04	4.09E+00	1.16E-02	3.61E-01	1.46E-03	4.65E+00
558660.644160599.24	558660.64	4160599.24	WRKR_571	WORKER	1.85E-01	2.83E-04	4.12E+00	1.07E-02	3.64E-01	1.34E-03	4.68E+00
558670.644160569.24	558670.64	4160569.24	WRKR_572	WORKER	1.72E-01	3.24E-04	3.82E+00	1.23E-02	3.37E-01	1.54E-03	4.34E+00
558670.644160579.24	558670.64	4160579.24	WRKR_573	WORKER	1.74E-01	3.01E-04	3.86E+00	1.14E-02	3.41E-01	1.43E-03	4.39E+00
558670.644160589.24	558670.64	4160589.24	WRKR_574	WORKER	1.75E-01	2.78E-04	3.89E+00	1.05E-02	3.44E-01	1.32E-03	4.42E+00
558495.44160499.48	558495.4	4160499.48	WRKR_575	WORKER	1.95E-01	2.66E-04	4.33E+00	1.01E-02	3.83E-01	1.26E-03	4.92E+00
558495.44160509.48	558495.4	4160509.48	WRKR_576	WORKER	2.12E-01	2.82E-04	4.72E+00	1.07E-02	4.17E-01	1.34E-03	5.36E+00
558495.44160519.48	558495.4	4160519.48	WRKR_577	WORKER	2.31E-01	2.99E-04	5.14E+00	1.14E-02	4.55E-01	1.42E-03	5.84E+00
558495.44160529.48	558495.4	4160529.48	WRKR_578	WORKER	2.52E-01	3.20E-04	5.60E+00	1.21E-02	4.95E-01	1.52E-03	6.36E+00
558505.44160499.48	558505.4	4160499.48	WRKR_579	WORKER	1.92E-01	2.95E-04	4.27E+00	1.12E-02	3.78E-01	1.40E-03	4.86E+00
558505.44160509.48	558505.4	4160509.48	WRKR_580	WORKER	2.09E-01	3.12E-04	4.65E+00	1.18E-02	4.11E-01	1.48E-03	5.29E+00
558505.44160519.48	558505.4	4160519.48	WRKR_581	WORKER	2.27E-01	3.30E-04	5.06E+00	1.25E-02	4.47E-01	1.57E-03	5.74E+00
558505.44160529.48	558505.4	4160529.48	WRKR_582	WORKER	2.47E-01	3.52E-04	5.50E+00	1.33E-02	4.86E-01	1.67E-03	6.24E+00
558515.44160499.48	558515.4	4160499.48	WRKR_583	WORKER	1.90E-01	3.32E-04	4.22E+00	1.26E-02	3.73E-01	1.57E-03	4.80E+00
558515.44160509.48	558515.4	4160509.48	WRKR_584	WORKER	2.06E-01	3.50E-04	4.58E+00	1.33E-02	4.05E-01	1.66E-03	5.21E+00
558515.44160519.48	558515.4	4160519.48	WRKR_585	WORKER	2.24E-01	3.70E-04	4.97E+00	1.40E-02	4.39E-01	1.75E-03	5.65E+00
558515.44160529.48	558515.4	4160529.48	WRKR_586	WORKER	2.42E-01	3.91E-04	5.39E+00	1.49E-02	4.76E-01	1.86E-03	6.12E+00
558525.44160499.48	558525.4	4160499.48	WRKR_587	WORKER	1.88E-01	3.77E-04	4.17E+00	1.43E-02	3.69E-01	1.79E-03	4.74E+00
558525.44160509.48	558525.4	4160509.48	WRKR_588	WORKER	2.03E-01	3.98E-04	4.52E+00	1.51E-02	3.99E-01	1.89E-03	5.14E+00
558525.44160519.48	558525.4	4160519.48	WRKR_589	WORKER	2.20E-01	4.20E-04	4.89E+00	1.60E-02	4.32E-01	1.99E-03	5.56E+00
558525.44160529.48	558525.4	4160529.48	WRKR_590	WORKER	2.38E-01	4.44E-04	5.28E+00	1.69E-02	4.67E-01	2.11E-03	6.01E+00
558535.44160499.48	558535.4	4160499.48	WRKR_591	WORKER	1.85E-01	4.37E-04	4.12E+00	1.66E-02	3.64E-01	2.08E-03	4.68E+00
558535.44160509.48	558535.4	4160509.48	WRKR_592	WORKER	2.00E-01	4.62E-04	4.45E+00	1.75E-02	3.93E-01	2.19E-03	5.06E+00
558535.44160519.48	558535.4	4160519.48	WRKR_593	WORKER	2.16E-01	4.87E-04	4.80E+00	1.85E-02	4.24E-01	2.31E-03	5.46E+00
558535.44160529.48	558535.4	4160529.48	WRKR_594	WORKER	2.33E-01	5.14E-04	5.18E+00	1.95E-02	4.58E-01	2.44E-03	5.89E+00
558545.44160499.48	558545.4	4160499.48	WRKR_595	WORKER	1.83E-01	5.15E-04	4.06E+00	1.96E-02	3.59E-01	2.44E-03	4.63E+00
558545.44160509.48	558545.4	4160509.48	WRKR_596	WORKER	1.97E-01	5.46E-04	4.38E+00	2.07E-02	3.87E-01	2.59E-03	4.99E+00
558545.44160519.48	558545.4	4160519.48	WRKR_597	WORKER	2.12E-01	5.76E-04	4.72E+00	2.19E-02	4.17E-01	2.74E-03	5.37E+00
558545.44160529.48	558545.4	4160529.48	WRKR_598	WORKER	2.28E-01	6.07E-04	5.07E+00	2.30E-02	4.49E-01	2.88E-03	5.78E+00
558555.44160499.48	558555.4	4160499.48	WRKR_599	WORKER	1.80E-01	6.22E-04	4.01E+00	2.36E-02	3.54E-01	2.95E-03	4.57E+00
558555.44160509.48	558555.4	4160509.48	WRKR_600	WORKER	1.94E-01	6.59E-04	4.31E+00	2.50E-02	3.81E-01	3.13E-03	4.91E+00
558555.44160519.48	558555.4	4160519.48	WRKR_601	WORKER	2.08E-01	6.96E-04	4.63E+00	2.64E-02	4.09E-01	3.30E-03	5.28E+00
558555.44160529.48	558555.4	4160529.48	WRKR_602	WORKER	2.23E-01	7.36E-04	4.96E+00	2.79E-02	4.39E-01	3.49E-03	5.65E+00
558565.44160499.48	558565.4	4160499.48	WRKR_603	WORKER	1.78E-01	5.39E-04	3.95E+00	2.05E-02	3.49E-01	2.56E-03	4.50E+00
558565.44160509.48	558565.4	4160509.48	WRKR_604	WORKER	1.90E-01	5.94E-04	4.23E+00	2.25E-02	3.74E-01	2.82E-03	4.83E+00
558565.44160519.48	558565.4	4160519.48	WRKR_605	WORKER	2.04E-01	4.24E-04	4.53E+00	1.61E-02	4.01E-01	2.01E-03	5.16E+00
558565.44160529.48	558565.4	4160529.48	WRKR_606	WORKER	2.18E-01	6.14E-04	4.84E+00	2.33E-02	4.28E-01	2.91E-03	5.51E+00
558618.984160498.88	558618.98	4160498.88	WRKR_607	WORKER	1.60E-01	4.51E-04	3.57E+00	1.71E-02	3.15E-01	2.14E-03	4.06E+00
558618.984160508.88	558618.98	4160508.88	WRKR_608	WORKER	1.69E-01	5.95E-04	3.76E+00	2.26E-02	3.33E-01	2.83E-03	4.29E+00
558618.984160518.88	558618.98	4160518.88	WRKR_609	WORKER	1.78E-01	5.97E-04	3.96E+00	2.27E-02	3.50E-01	2.83E-03	4.51E+00
558618.984160528.88	558618.98	4160528.88	WRKR_610	WORKER	1.87E-01	7.57E-04	4.15E+00	2.87E-02	3.67E-01	3.59E-03	4.74E+00
558628.984160498.88	558628.98	4160498.88	WRKR_611	WORKER	1.57E-01	7.74E-04	3.49E+00	2.94E-02	3.08E-01	3.67E-03	3.99E+00
558628.984160508.88	558628.98	4160508.88	WRKR_612	WORKER	1.65E-01	7.20E-04	3.67E+00	2.73E-02	3.25E-01	3.42E-03	4.19E+00
558628.984160518.88	558628.98	4160518.88	WRKR_613	WORKER	1.73E-01	6.78E-04	3.85E+00	2.58E-02	3.40E-01	3.22E-03	4.39E+00
558628.984160528.88	558628.98	4160528.88	WRKR_614	WORKER	1.81E-01	6.48E-04	4.02E+00	2.46E-02	3.56E-01	3.07E-03	4.59E+00
558638.984160498.88	558638.98	4160498.88	WRKR_615	WORKER	1.53E-01	6.76E-04	3.41E+00	2.57E-02	3.01E-01	3.21E-03	3.89E+00
558638.984160508.88	558638.98	4160508.88	WRKR_616	WORKER	1.61E-01	6.31E-04	3.58E+00	2.39E-02	3.16E-01	2.99E-03	4.08E+00
558638.984160518.88	558638.98	4160518.88	WRKR_617	WORKER	1.68E-01	5.96E-04	3.74E+00	2.26E-02	3.31E-01	2.83E-03	4.26E+00
558638.984160528.88	558638.98	4160528.88	WRKR_618	WORKER	1.75E-01	5.69E-04	3.90E+00	2.16E-02	3.45E-01	2.70E-03	4.44E+00
558648.984160498.88	558648.98	4160498.88	WRKR_619	WORKER	1.50E-01	6.05E-04	3.33E+00	2.30E-02	2.94E-01	2.87E-03	3.80E+00
558648.984160508.88	558648.98	4160508.88	WRKR_620	WORKER	1.57E-01	5.64E-04	3.48E+00	2.14E-02	3.08E-01	2.68E-03	3.97E+00
558648.984160518.88	558648.98	4160518.88	WRKR_621	WORKER	1.63E-01	5.32E-04	3.63E+00	2.02E-02	3.21E-01	2.53E-03	4.14E+00
558648.984160528.88	558648.98	4160528.88	WRKR_622	WORKER	1.70E-01	5.07E-04	3.77E+00	1.92E-02	3.33E-01	2.41E-03	4.29E+00
558658.984160498.88	558658.98	4160498.88	WRKR_623	WORKER	1.46E-01	5.53E-04	3.25E+00	2.10E-02	2.87E-01	2.62E-03	3.70E+00
558658.984160508.88	558658.98	4160508.88	WRKR_624	WORKER	1.52E-01	5.14E-04	3.39E+00	1.95E-02	2.99E-01	2.44E-03	3.86E+00
558658.984160518.88	558658.98	4160518.88	WRKR_625	WORKER	1.58E-01	4.82E-04	3.52E+00	1.83E-02	3.11E-01	2.29E-03	4.01E+00
558658.984160528.88	558658.98	4160528.88	WRKR_626	WORKER	1.64E-01	4.58E-04	3.64E+00	1.74E-02	3.22E-01	2.17E-03	4.15E+00

Cancer Risk

					AE		AH			
					3rd Tri		0<2		2<16		Total Cancer Risk (cases per million)
					Cancer Risk (cases per million)		Cancer Risk (cases per million)		Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD	
558668.984160498.88	558668.98	4160498.88	WRKR_627	WORKER	1.42E-01	5.08E-04	3.16E+00	1.93E-02	2.80E-01	2.41E-03	3.61E+00
558668.984160508.88	558668.98	4160508.88	WRKR_628	WORKER	1.48E-01	4.71E-04	3.29E+00	1.79E-02	2.91E-01	2.23E-03	3.75E+00
558668.984160518.88	558668.98	4160518.88	WRKR_629	WORKER	1.53E-01	4.41E-04	3.41E+00	1.67E-02	3.01E-01	2.09E-03	3.88E+00
558668.984160528.88	558668.98	4160528.88	WRKR_630	WORKER	1.58E-01	4.17E-04	3.52E+00	1.58E-02	3.11E-01	1.98E-03	4.01E+00
558678.984160498.88	558678.98	4160498.88	WRKR_631	WORKER	1.39E-01	4.72E-04	3.08E+00	1.79E-02	2.72E-01	2.24E-03	3.51E+00
558678.984160508.88	558678.98	4160508.88	WRKR_632	WORKER	1.44E-01	4.36E-04	3.19E+00	1.65E-02	2.82E-01	2.07E-03	3.64E+00
558678.984160518.88	558678.98	4160518.88	WRKR_633	WORKER	1.49E-01	4.07E-04	3.30E+00	1.55E-02	2.92E-01	1.93E-03	3.76E+00
558678.984160528.88	558678.98	4160528.88	WRKR_634	WORKER	1.53E-01	3.83E-04	3.40E+00	1.45E-02	3.01E-01	1.82E-03	3.87E+00
558688.984160498.88	558688.98	4160498.88	WRKR_635	WORKER	1.35E-01	4.41E-04	3.00E+00	1.67E-02	2.65E-01	2.09E-03	3.42E+00
558688.984160508.88	558688.98	4160508.88	WRKR_636	WORKER	1.39E-01	4.06E-04	3.10E+00	1.54E-02	2.74E-01	1.93E-03	3.53E+00
558688.984160518.88	558688.98	4160518.88	WRKR_637	WORKER	1.44E-01	3.78E-04	3.19E+00	1.44E-02	2.82E-01	1.80E-03	3.64E+00
558444.414160372.35	558444.41	4160372.35	WRKR_638	WORKER	6.79E-02	1.05E-04	1.51E+00	4.00E-03	1.33E-01	5.00E-04	1.71E+00
558454.414160382.35	558454.41	4160382.35	WRKR_639	WORKER	7.14E-02	1.13E-04	1.59E+00	4.29E-03	1.40E-01	5.36E-04	1.80E+00
558454.414160392.35	558454.41	4160392.35	WRKR_640	WORKER	7.70E-02	1.17E-04	1.71E+00	4.45E-03	1.51E-01	5.57E-04	1.95E+00
558454.414160402.35	558454.41	4160402.35	WRKR_641	WORKER	8.33E-02	1.22E-04	1.85E+00	4.63E-03	1.64E-01	5.79E-04	2.11E+00
558464.414160382.35	558464.41	4160382.35	WRKR_642	WORKER	7.10E-02	1.19E-04	1.58E+00	4.53E-03	1.40E-01	5.66E-04	1.79E+00
558464.414160392.35	558464.41	4160392.35	WRKR_643	WORKER	7.67E-02	1.24E-04	1.70E+00	4.71E-03	1.51E-01	5.89E-04	1.94E+00
558464.414160402.35	558464.41	4160402.35	WRKR_644	WORKER	8.31E-02	1.29E-04	1.85E+00	4.91E-03	1.63E-01	6.14E-04	2.10E+00
558474.414160382.35	558474.41	4160382.35	WRKR_645	WORKER	7.08E-02	1.26E-04	1.57E+00	4.79E-03	1.39E-01	5.99E-04	1.79E+00
558474.414160392.35	558474.41	4160392.35	WRKR_646	WORKER	7.64E-02	1.31E-04	1.70E+00	4.99E-03	1.50E-01	6.23E-04	1.93E+00
558474.414160402.35	558474.41	4160402.35	WRKR_647	WORKER	8.27E-02	1.37E-04	1.84E+00	5.19E-03	1.63E-01	6.49E-04	2.09E+00
558484.414160382.35	558484.41	4160382.35	WRKR_648	WORKER	7.06E-02	1.34E-04	1.57E+00	5.08E-03	1.39E-01	6.36E-04	1.79E+00
558484.414160392.35	558484.41	4160392.35	WRKR_649	WORKER	7.60E-02	1.39E-04	1.69E+00	5.27E-03	1.49E-01	6.59E-04	1.92E+00
558484.414160402.35	558484.41	4160402.35	WRKR_650	WORKER	8.20E-02	1.44E-04	1.82E+00	5.47E-03	1.61E-01	6.83E-04	2.07E+00
558494.414160382.35	558494.41	4160382.35	WRKR_651	WORKER	7.07E-02	1.43E-04	1.57E+00	5.41E-03	1.39E-01	6.77E-04	1.79E+00
558494.414160392.35	558494.41	4160392.35	WRKR_652	WORKER	7.60E-02	1.48E-04	1.69E+00	5.62E-03	1.49E-01	7.02E-04	1.92E+00
558494.414160402.35	558494.41	4160402.35	WRKR_653	WORKER	8.20E-02	1.54E-04	1.82E+00	5.84E-03	1.61E-01	7.30E-04	2.07E+00
558504.414160382.35	558504.41	4160382.35	WRKR_654	WORKER	7.08E-02	1.52E-04	1.57E+00	5.79E-03	1.39E-01	7.24E-04	1.79E+00
558504.414160392.35	558504.41	4160392.35	WRKR_655	WORKER	7.67E-02	1.61E-04	1.70E+00	6.09E-03	1.51E-01	7.62E-04	1.94E+00
558504.414160402.35	558504.41	4160402.35	WRKR_656	WORKER	8.36E-02	1.70E-04	1.86E+00	6.46E-03	1.64E-01	8.08E-04	2.11E+00
558514.414160382.35	558514.41	4160382.35	WRKR_657	WORKER	7.11E-02	1.64E-04	1.58E+00	6.21E-03	1.40E-01	7.77E-04	1.80E+00
558514.414160392.35	558514.41	4160392.35	WRKR_658	WORKER	7.69E-02	1.73E-04	1.71E+00	6.56E-03	1.51E-01	8.20E-04	1.95E+00
558514.414160402.35	558514.41	4160402.35	WRKR_659	WORKER	8.39E-02	1.84E-04	1.86E+00	7.00E-03	1.65E-01	8.75E-04	2.12E+00
558524.414160392.35	558524.41	4160392.35	WRKR_660	WORKER	7.72E-02	1.87E-04	1.72E+00	7.09E-03	1.52E-01	8.86E-04	1.95E+00
558524.414160402.35	558524.41	4160402.35	WRKR_661	WORKER	8.41E-02	2.00E-04	1.87E+00	7.60E-03	1.65E-01	9.50E-04	2.13E+00
558581.824160392.36	558581.82	4160392.36	WRKR_662	WORKER	7.99E-02	3.20E-04	1.78E+00	1.21E-02	1.57E-01	1.52E-03	2.03E+00
558581.824160402.36	558581.82	4160402.36	WRKR_663	WORKER	8.61E-02	3.58E-04	1.91E+00	1.36E-02	1.69E-01	1.70E-03	2.18E+00
558581.824160412.36	558581.82	4160412.36	WRKR_664	WORKER	9.27E-02	4.05E-04	2.06E+00	1.54E-02	1.82E-01	1.92E-03	2.35E+00
558581.824160422.36	558581.82	4160422.36	WRKR_665	WORKER	9.99E-02	4.60E-04	2.22E+00	1.75E-02	1.96E-01	2.19E-03	2.54E+00
558591.824160392.36	558591.82	4160392.36	WRKR_666	WORKER	8.02E-02	3.48E-04	1.78E+00	1.32E-02	1.58E-01	1.65E-03	2.04E+00
558591.824160402.36	558591.82	4160402.36	WRKR_667	WORKER	8.63E-02	3.94E-04	1.92E+00	1.50E-02	1.70E-01	1.87E-03	2.19E+00
558591.824160412.36	558591.82	4160412.36	WRKR_668	WORKER	9.28E-02	4.51E-04	2.06E+00	1.71E-02	1.82E-01	2.14E-03	2.36E+00
558591.824160422.36	558591.82	4160422.36	WRKR_669	WORKER	9.98E-02	5.21E-04	2.22E+00	1.98E-02	1.96E-01	2.47E-03	2.54E+00
558601.824160382.36	558601.82	4160382.36	WRKR_670	WORKER	7.49E-02	3.34E-04	1.66E+00	1.27E-02	1.47E-01	1.58E-03	1.90E+00
558601.824160392.36	558601.82	4160392.36	WRKR_671	WORKER	8.04E-02	3.77E-04	1.79E+00	1.43E-02	1.58E-01	1.79E-03	2.04E+00
558601.824160402.36	558601.82	4160402.36	WRKR_672	WORKER	8.64E-02	4.32E-04	1.92E+00	1.64E-02	1.70E-01	2.05E-03	2.20E+00
558601.824160412.36	558601.82	4160412.36	WRKR_673	WORKER	9.28E-02	5.00E-04	2.06E+00	1.90E-02	1.82E-01	2.37E-03	2.36E+00
558601.824160422.36	558601.82	4160422.36	WRKR_674	WORKER	9.97E-02	5.86E-04	2.22E+00	2.22E-02	1.96E-01	2.78E-03	2.54E+00
558611.824160382.36	558611.82	4160382.36	WRKR_675	WORKER	7.52E-02	3.54E-04	1.67E+00	1.34E-02	1.48E-01	1.68E-03	1.91E+00
558611.824160392.36	558611.82	4160392.36	WRKR_676	WORKER	8.07E-02	4.03E-04	1.79E+00	1.53E-02	1.59E-01	1.91E-03	2.05E+00
558611.824160402.36	558611.82	4160402.36	WRKR_677	WORKER	8.65E-02	4.71E-04	1.92E+00	1.79E-02	1.70E-01	2.23E-03	2.20E+00
558611.824160412.36	558611.82	4160412.36	WRKR_678	WORKER	9.28E-02	5.51E-04	2.06E+00	2.09E-02	1.82E-01	2.62E-03	2.36E+00
558611.824160422.36	558611.82	4160422.36	WRKR_679	WORKER	9.94E-02	6.57E-04	2.21E+00	2.49E-02	1.95E-01	3.12E-03	2.53E+00
558621.824160382.36	558621.82	4160382.36	WRKR_680	WORKER	7.54E-02	3.78E-04	1.68E+00	1.44E-02	1.48E-01	1.80E-03	1.92E+00
558621.824160392.36	558621.82	4160392.36	WRKR_681	WORKER	8.08E-02	4.33E-04	1.80E+00	1.64E-02	1.59E-01	2.06E-03	2.06E+00
558621.824160402.36	558621.82	4160402.36	WRKR_682	WORKER	8.66E-02	5.10E-04	1.92E+00	1.94E-02	1.70E-01	2.42E-03	2.20E+00
558621.824160412.36	558621.82	4160412.36	WRKR_683	WORKER	9.26E-02	6.09E-04	2.06E+00	2.31E-02	1.82E-01	2.89E-03	2.36E+00
558621.824160422.36	558621.82	4160422.36	WRKR_684	WORKER	9.91E-02	5.04E-04	2.20E+00	1.91E-02	1.95E-01	2.39E-03	2.52E+00
558631.824160382.36	558631.82	4160382.36	WRKR_685	WORKER	7.56E-02	4.04E-04	1.68E+00	1.53E-02	1.49E-01	1.92E-03	1.92E+00
558631.824160392.36	558631.82	4160392.36	WRKR_686	WORKER	8.09E-02	4.64E-04	1.80E+00	1.76E-02	1.59E-01	2.20E-03	2.06E+00
558631.824160402.36	558631.82	4160402.36	WRKR_687	WORKER	8.66E-02	5.52E-04	1.92E+00	2.10E-02	1.70E-01	2.62E-03	2.20E+00
558641.824160382.36	558641.82	4160382.36	WRKR_688	WORKER	7.57E-02	4.28E-04	1.68E+00	1.62E-02	1.49E-01	2.03E-03	1.93E+00
558641.824160392.36	558641.82	4160392.36	WRKR_689	WORKER	8.10E-02	4.95E-04	1.80E+00	1.88E-02	1.59E-01	2.35E-03	2.06E+00
558641.824160402.36	558641.82	4160402.36	WRKR_690	WORKER	8.65E-02	5.97E-04	1.92E+00	2.27E-02	1.70E-01	2.84E-03	2.20E+00
558651.824160382.36	558651.82	4160382.36	WRKR_691	WORKER	7.58E-02	4.60E-04	1.69E+00	1.75E-02	1.49E-01	2.18E-03	1.93E+00
558651.824160392.36	558651.82	4160392.36	WRKR_692	WORKER	8.09E-02	5.34E-04	1.80E+00	2.03E-02	1.59E-01	2.54E-03	2.06E+00
558651.824160402.36	558651.82	4160402.36	WRKR_693	WORKER	8.63E-02	6.49E-04	1.92E+00	2.46E-02	1.70E-01	3.08E-03	2.20E+00
558661.824160382.36	558661.82	4160382.36	WRKR_694	WORKER	7.59E-02	4.96E-04	1.69E+00	1.88E-02	1.49E-01	2.35E-03	1.93E+00
558661.824160392.36	558661.82	4160392.36	WRKR_695	WORKER	8.08E-02	5.75E-04	1.80E+00	2.18E-02	1.59E-01	2.73E-03	2.06E+00
558661.824160402.36	558661.82	4160402.36	WRKR_696	WORKER	8.60E-02	7.04E-04	1.91E+00	2.67E-02	1.69E-01	3.34E-03	2.20E+00
558671.824160362.36	558671.82	4160362.36	WRKR_697	WORKER	6.68E-02	4.48E-04	1.49E+00	1.70E-02	1.31E-01	2.13E-03	1.70E+00
558671.824160372.36	558671.82	4160372.36	WRKR_698	WORKER	7.12E-02	4.84E-04	1.58E+00	1.84E-02	1.40E-01	2.30E-03	1.82E+00
558671.824160382.36	558671.82	4160382.36	WRKR_699	WORKER	7.58E-02	5.38E-04	1.69E+00	2.04E-02	1.49E-01	2.56E-03	1.93E+00
558671.824160392.36	558671.82	4160392.36	WRKR_700	WORKER	8.07E-02	6.23E-04	1.79E+00	2.36E-02	1.59E-01	2.95E-03	2.06E+00
558671.824160402.36	558671.82	4160402.36	WRKR_701	WORKER	8.57E-02	7.62E-04	1.91E+00	2.89E-02	1.68E-01	3.62E-03	2.19E+00
558681.824160362.36	558681.82	4160362.36	WRKR_702	WORKER	6.70E-02	5.00E-04	1.49E+00	1.90E-02	1.32E-01	2.37E-03	1.71E+00
558681.824160372.36	558681.82	4160372.36	WRKR_703	WORKER	7.11E-02	5.27E-04	1.58E+00	2.00E-02	1.40E-01	2.50E-03	1.81E+00
558681.824160382.36	558681.82	4160382.36	WRKR_704	WORKER	7.57E-02	5.87E-04	1.68E+00	2.23E-02	1.49E-01	2.79E-03	1.93E+00
558681.824160392.36	558681.82	4160392.36	WRKR_705	WORKER	8.05E-02	6.76E-04	1.79E+00	2.57E-02	1.58E-01	3.21E-03	2.06E+00
558681.824160402.36	558681.82	4160402.36	WRKR_706	WORKER	8.54E-02	8.19E-04	1.90E+00	3.11E-02	1.68E-01	3.89E-03	2.19E+00
558691.824160362.36	558691.82	4160362.36	WRKR_707	WORKER	6.70E-02	5.74E-04	1.49E+00	2.18E-02	1.32E-01	2.73E-03	1.71E+00
558691.824160372.36	558691.82	4160372.36	WRKR_708	WORKER	7.12E-02	6.08E-04	1.58E+00	2.31E-02	1.40E-01	2.89E-03	1.82E+00
558691.824160382.36	558691.82	4160382.36	WRKR_709	WORKER	7.56E-02	6.61E-04	1.68E+00	2.51E-02	1.49E-01	3.14E-03	1.93E+00
558691.824160392.36	558691.82	4160392.36	WRKR_710	WORKER	8.01E-02	7.50E-04	1.78E+00	2.85E-02	1.58E-01	3.56E-03	2.05E+00
558691.824160402.36	558691.82	4160402.36	WRKR_711	WORKER	8.49E-02	8.99E-04	1.89E+00	3.41E-02	1.67E-01	4.27E-03	2.18E+00
558701.824160362.36	558701.82	4160362.36	WRKR_712	WORKER	6.70E-02	6.78E-04	1.49E+00	2.57E-02	1.32E-01	3.22E-03	1.72E+00
558701.824160372.36	558701.82	4160372.36	WRKR_713	WORKER	7.11E-02	7.12E-04	1.58E+00	2.70E-02	1.40E-01	3.38E-03	1.82E+00

Cancer Risk

					AE		AH			
					3rd Tri		0<2		2<16		Total Cancer Risk (cases per million)
					Cancer Risk (cases per million)		Cancer Risk (cases per million)		Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD	
558701.824160382.36	558701.82	4160382.36	WRKR_714	WORKER	7.54E-02	7.65E-04	1.68E+00	2.91E-02	1.48E-01	3.63E-03	1.93E+00
558701.824160392.36	558701.82	4160392.36	WRKR_715	WORKER	7.98E-02	8.52E-04	1.77E+00	3.23E-02	1.57E-01	4.04E-03	2.05E+00
558701.824160402.36	558701.82	4160402.36	WRKR_716	WORKER	8.43E-02	9.97E-04	1.87E+00	3.78E-02	1.66E-01	4.73E-03	2.17E+00
558711.824160362.36	558711.82	4160362.36	WRKR_717	WORKER	6.70E-02	8.25E-04	1.49E+00	3.13E-02	1.32E-01	3.92E-03	1.72E+00
558711.824160372.36	558711.82	4160372.36	WRKR_718	WORKER	7.10E-02	8.58E-04	1.58E+00	3.26E-02	1.39E-01	4.07E-03	1.83E+00
558711.824160382.36	558711.82	4160382.36	WRKR_719	WORKER	7.51E-02	7.07E-04	1.67E+00	2.68E-02	1.48E-01	3.36E-03	1.92E+00
558711.824160392.36	558711.82	4160392.36	WRKR_720	WORKER	7.93E-02	9.90E-04	1.76E+00	3.76E-02	1.56E-01	4.70E-03	2.04E+00
558711.824160402.36	558711.82	4160402.36	WRKR_721	WORKER	8.37E-02	6.39E-04	1.86E+00	2.42E-02	1.64E-01	3.03E-03	2.14E+00
558721.824160362.36	558721.82	4160362.36	WRKR_722	WORKER	6.69E-02	4.90E-04	1.49E+00	1.86E-02	1.32E-01	2.33E-03	1.71E+00
558721.824160372.36	558721.82	4160372.36	WRKR_723	WORKER	7.08E-02	5.48E-04	1.57E+00	2.08E-02	1.39E-01	2.60E-03	1.81E+00
558721.824160382.36	558721.82	4160382.36	WRKR_724	WORKER	7.47E-02	7.81E-04	1.66E+00	2.96E-02	1.47E-01	3.71E-03	1.92E+00
558721.824160392.36	558721.82	4160392.36	WRKR_725	WORKER	7.88E-02	6.10E-04	1.75E+00	2.32E-02	1.55E-01	2.90E-03	2.01E+00
558721.824160402.36	558721.82	4160402.36	WRKR_726	WORKER	8.30E-02	6.51E-04	1.84E+00	2.47E-02	1.63E-01	3.09E-03	2.12E+00
558690.094160295.24	558690.09	4160295.24	WRKR_727	WORKER	4.37E-02	4.52E-04	9.71E-01	1.72E-02	8.58E-02	2.14E-03	1.12E+00
558690.094160305.24	558690.09	4160305.24	WRKR_728	WORKER	4.65E-02	4.58E-04	1.03E+00	1.74E-02	9.13E-02	2.17E-03	1.19E+00
558690.094160315.24	558690.09	4160315.24	WRKR_729	WORKER	4.94E-02	4.64E-04	1.10E+00	1.76E-02	9.72E-02	2.20E-03	1.27E+00
558690.094160325.24	558690.09	4160325.24	WRKR_730	WORKER	5.26E-02	4.71E-04	1.17E+00	1.79E-02	1.03E-01	2.24E-03	1.35E+00
558690.094160335.24	558690.09	4160335.24	WRKR_731	WORKER	5.61E-02	4.81E-04	1.25E+00	1.83E-02	1.10E-01	2.28E-03	1.43E+00
558700.094160295.24	558700.09	4160295.24	WRKR_732	WORKER	4.40E-02	5.46E-04	9.77E-01	2.07E-02	8.64E-02	2.59E-03	1.13E+00
558700.094160305.24	558700.09	4160305.24	WRKR_733	WORKER	4.68E-02	5.54E-04	1.04E+00	2.10E-02	9.19E-02	2.63E-03	1.20E+00
558700.094160315.24	558700.09	4160315.24	WRKR_734	WORKER	4.97E-02	5.59E-04	1.11E+00	2.12E-02	9.78E-02	2.65E-03	1.28E+00
558700.094160325.24	558700.09	4160325.24	WRKR_735	WORKER	5.29E-02	5.65E-04	1.18E+00	2.14E-02	1.04E-01	2.68E-03	1.36E+00
558700.094160335.24	558700.09	4160335.24	WRKR_736	WORKER	5.63E-02	5.73E-04	1.25E+00	2.18E-02	1.11E-01	2.72E-03	1.44E+00
558710.094160295.24	558710.09	4160295.24	WRKR_737	WORKER	4.43E-02	6.86E-04	9.85E-01	2.60E-02	8.71E-02	3.25E-03	1.15E+00
558710.094160305.24	558710.09	4160305.24	WRKR_738	WORKER	4.71E-02	6.92E-04	1.05E+00	2.63E-02	9.25E-02	3.28E-03	1.22E+00
558710.094160315.24	558710.09	4160315.24	WRKR_739	WORKER	5.00E-02	6.97E-04	1.11E+00	2.64E-02	9.83E-02	3.31E-03	1.29E+00
558710.094160325.24	558710.09	4160325.24	WRKR_740	WORKER	5.31E-02	7.02E-04	1.18E+00	2.67E-02	1.04E-01	3.33E-03	1.37E+00
558710.094160335.24	558710.09	4160335.24	WRKR_741	WORKER	5.64E-02	7.08E-04	1.25E+00	2.69E-02	1.11E-01	3.36E-03	1.45E+00
558720.094160295.24	558720.09	4160295.24	WRKR_742	WORKER	4.46E-02	6.00E-04	9.92E-01	2.28E-02	8.77E-02	2.85E-03	1.15E+00
558720.094160305.24	558720.09	4160305.24	WRKR_743	WORKER	4.74E-02	4.21E-04	1.05E+00	1.60E-02	9.31E-02	2.00E-03	1.21E+00
558720.094160315.24	558720.09	4160315.24	WRKR_744	WORKER	5.03E-02	6.09E-04	1.12E+00	2.31E-02	9.88E-02	2.89E-03	1.29E+00
558720.094160325.24	558720.09	4160325.24	WRKR_745	WORKER	5.34E-02	6.22E-04	1.19E+00	2.36E-02	1.05E-01	2.95E-03	1.37E+00
558612.684160297.32	558612.68	4160297.32	WRKR_746	WORKER	4.16E-02	1.93E-04	9.24E-01	7.32E-03	8.17E-02	9.16E-04	1.06E+00
558612.684160307.32	558612.68	4160307.32	WRKR_747	WORKER	4.43E-02	2.01E-04	9.85E-01	7.63E-03	8.71E-02	9.54E-04	1.13E+00
558612.684160317.32	558612.68	4160317.32	WRKR_748	WORKER	4.73E-02	2.10E-04	1.05E+00	7.97E-03	9.30E-02	9.97E-04	1.20E+00
558612.684160327.32	558612.68	4160327.32	WRKR_749	WORKER	5.06E-02	2.21E-04	1.13E+00	8.38E-03	9.95E-02	1.05E-03	1.29E+00
558612.684160337.32	558612.68	4160337.32	WRKR_750	WORKER	5.42E-02	2.34E-04	1.21E+00	8.87E-03	1.07E-01	1.11E-03	1.38E+00
558622.684160297.32	558622.68	4160297.32	WRKR_751	WORKER	4.19E-02	2.07E-04	9.31E-01	7.87E-03	8.23E-02	9.84E-04	1.06E+00
558622.684160307.32	558622.68	4160307.32	WRKR_752	WORKER	4.47E-02	2.15E-04	9.93E-01	8.18E-03	8.78E-02	1.02E-03	1.14E+00
558622.684160317.32	558622.68	4160317.32	WRKR_753	WORKER	4.77E-02	2.25E-04	1.06E+00	8.53E-03	9.38E-02	1.07E-03	1.21E+00
558622.684160327.32	558622.68	4160327.32	WRKR_754	WORKER	5.10E-02	2.35E-04	1.13E+00	8.94E-03	1.00E-01	1.12E-03	1.30E+00
558622.684160337.32	558622.68	4160337.32	WRKR_755	WORKER	5.46E-02	2.49E-04	1.21E+00	9.45E-03	1.07E-01	1.18E-03	1.39E+00
558632.684160297.32	558632.68	4160297.32	WRKR_756	WORKER	4.22E-02	2.25E-04	9.39E-01	8.52E-03	8.30E-02	1.07E-03	1.07E+00
558632.684160307.32	558632.68	4160307.32	WRKR_757	WORKER	4.50E-02	2.32E-04	1.00E+00	8.82E-03	8.85E-02	1.10E-03	1.15E+00
558632.684160317.32	558632.68	4160317.32	WRKR_758	WORKER	4.81E-02	2.42E-04	1.07E+00	9.17E-03	9.45E-02	1.15E-03	1.22E+00
558632.684160327.32	558632.68	4160327.32	WRKR_759	WORKER	5.14E-02	2.53E-04	1.14E+00	9.59E-03	1.01E-01	1.20E-03	1.31E+00
558632.684160337.32	558632.68	4160337.32	WRKR_760	WORKER	5.50E-02	2.66E-04	1.22E+00	1.01E-02	1.08E-01	1.26E-03	1.40E+00
558642.684160297.32	558642.68	4160297.32	WRKR_761	WORKER	4.27E-02	2.47E-04	9.49E-01	9.36E-03	8.39E-02	1.17E-03	1.09E+00
558642.684160307.32	558642.68	4160307.32	WRKR_762	WORKER	4.54E-02	2.53E-04	1.01E+00	9.60E-03	8.93E-02	1.20E-03	1.16E+00
558642.684160317.32	558642.68	4160317.32	WRKR_763	WORKER	4.85E-02	2.62E-04	1.08E+00	9.95E-03	9.53E-02	1.24E-03	1.23E+00
558642.684160327.32	558642.68	4160327.32	WRKR_764	WORKER	5.18E-02	2.73E-04	1.15E+00	1.04E-02	1.02E-01	1.30E-03	1.32E+00
558642.684160337.32	558642.68	4160337.32	WRKR_765	WORKER	5.54E-02	2.87E-04	1.23E+00	1.09E-02	1.09E-01	1.36E-03	1.41E+00
558652.684160297.32	558652.68	4160297.32	WRKR_766	WORKER	4.30E-02	2.72E-04	9.56E-01	1.03E-02	8.45E-02	1.29E-03	1.10E+00
558652.684160307.32	558652.68	4160307.32	WRKR_767	WORKER	4.58E-02	2.79E-04	1.02E+00	1.06E-02	9.00E-02	1.32E-03	1.17E+00
558652.684160317.32	558652.68	4160317.32	WRKR_768	WORKER	4.89E-02	2.87E-04	1.09E+00	1.09E-02	9.60E-02	1.36E-03	1.24E+00
558652.684160327.32	558652.68	4160327.32	WRKR_769	WORKER	5.22E-02	2.98E-04	1.16E+00	1.13E-02	1.03E-01	1.41E-03	1.33E+00
558652.684160337.32	558652.68	4160337.32	WRKR_770	WORKER	5.58E-02	3.11E-04	1.24E+00	1.18E-02	1.10E-01	1.48E-03	1.42E+00
558662.684160297.32	558662.68	4160297.32	WRKR_771	WORKER	4.34E-02	3.06E-04	9.66E-01	1.16E-02	8.54E-02	1.45E-03	1.11E+00
558662.684160307.32	558662.68	4160307.32	WRKR_772	WORKER	4.62E-02	3.12E-04	1.03E+00	1.18E-02	9.08E-02	1.48E-03	1.18E+00
558662.684160317.32	558662.68	4160317.32	WRKR_773	WORKER	4.92E-02	3.19E-04	1.09E+00	1.21E-02	9.68E-02	1.51E-03	1.25E+00
558662.684160327.32	558662.68	4160327.32	WRKR_774	WORKER	5.25E-02	3.29E-04	1.17E+00	1.25E-02	1.03E-01	1.56E-03	1.34E+00
558662.684160337.32	558662.68	4160337.32	WRKR_775	WORKER	5.61E-02	3.42E-04	1.25E+00	1.30E-02	1.10E-01	1.62E-03	1.43E+00
558672.684160297.32	558672.68	4160297.32	WRKR_776	WORKER	4.37E-02	3.46E-04	9.71E-01	1.31E-02	8.59E-02	1.64E-03	1.12E+00
558672.684160307.32	558672.68	4160307.32	WRKR_777	WORKER	4.66E-02	3.53E-04	1.03E+00	1.34E-02	9.15E-02	1.68E-03	1.19E+00
558672.684160317.32	558672.68	4160317.32	WRKR_778	WORKER	4.96E-02	3.61E-04	1.10E+00	1.37E-02	9.75E-02	1.71E-03	1.27E+00
558672.684160327.32	558672.68	4160327.32	WRKR_779	WORKER	5.29E-02	3.69E-04	1.17E+00	1.40E-02	1.04E-01	1.75E-03	1.35E+00
558672.684160337.32	558672.68	4160337.32	WRKR_780	WORKER	5.64E-02	3.81E-04	1.25E+00	1.45E-02	1.11E-01	1.81E-03	1.44E+00
558543.584160290.65	558543.58	4160290.65	WRKR_781	WORKER	3.91E-02	1.29E-04	8.69E-01	4.91E-03	7.68E-02	6.14E-04	9.90E-01
558553.584160300.65	558553.58	4160300.65	WRKR_782	WORKER	4.16E-02	1.42E-04	9.24E-01	5.40E-03	8.17E-02	6.75E-04	1.05E+00
558553.584160310.65	558553.58	4160310.65	WRKR_783	WORKER	4.42E-02	1.49E-04	9.83E-01	5.65E-03	8.69E-02	7.06E-04	1.12E+00
558553.584160320.65	558553.58	4160320.65	WRKR_784	WORKER	4.72E-02	1.56E-04	1.05E+00	5.94E-03	9.27E-02	7.42E-04	1.19E+00
558553.584160330.65	558553.58	4160330.65	WRKR_785	WORKER	5.04E-02	1.64E-04	1.12E+00	6.24E-03	9.91E-02	7.81E-04	1.28E+00
558563.584160300.65	558563.58	4160300.65	WRKR_786	WORKER	4.17E-02	1.50E-04	9.27E-01	5.69E-03	8.19E-02	7.12E-04	1.06E+00
558563.584160310.65	558563.58	4160310.65	WRKR_787	WORKER	4.44E-02	1.57E-04	9.87E-01	5.97E-03	8.73E-02	7.46E-04	1.13E+00
558563.584160320.65	558563.58	4160320.65	WRKR_788	WORKER	4.74E-02	1.65E-04	1.05E+00	6.28E-03	9.31E-02	7.85E-04	1.20E+00
558563.584160330.65	558563.58	4160330.65	WRKR_789	WORKER	5.07E-02	1.74E-04	1.13E+00	6.61E-03	9.96E-02	8.27E-04	1.28E+00
558573.584160300.65	558573.58	4160300.65	WRKR_790	WORKER	4.19E-02	1.58E-04	9.31E-01	6.01E-03	8.23E-02	7.52E-04	1.06E+00
558573.584160310.65	558573.58	4160310.65	WRKR_791	WORKER	4.46E-02	1.66E-04	9.92E-01	6.30E-03	8.77E-02	7.88E-04	1.13E+00
558573.584160320.65	558573.58	4160320.65	WRKR_792	WORKER	4.76E-02	1.75E-04	1.06E+00	6.63E-03	9.36E-02	8.29E-04	1.21E+00
558573.584160330.65	558573.58	4160330.65	WRKR_793	WORKER	5.10E-02	1.84E-04	1.13E+00	7.00E-03	1.00E-01	8.75E-04	1.29E+00
558583.584160300.65	558583.58	4160300.65	WRKR_794	WORKER	4.21E-02	1.68E-04	9.36E-01	6.36E-03	8.28E-02	7.95E-04	1.07E+00
558583.584160310.65	558583.58	4160310.65	WRKR_795	WORKER	4.49E-02	1.75E-04	9.98E-01	6.66E-03	8.82E-02	8.32E-04	1.14E+00
558583.584160320.65	558583.58	4160320.65	WRKR_796	WORKER	4.79E-02	1.85E-04	1.07E+00	7.01E-03	9.42E-02	8.76E-04	1.22E+00
558583.584160330.65	558583.58	4160330.65	WRKR_797	WORKER	5.13E-02	1.95E-04	1.14E+00	7.40E-03	1.01E-01	9.25E-04	1.30E+00
558593.584160330.65	558593.58	4160330.65	WRKR_798	WORKER	5.17E-02	2.07E-04	1.15E+00	7.85E-03	1.02E-01	9.82E-04	1.31E+00
558455.354160303.56	558455.35	4160303.56	WRKR_799	WORKER	4.43E-02	8.71E-05	9.84E-01	3.31E-03	8.70E-02	4.14E-04	1.12E+00
558455.354160313.56	558455.35	4160313.56	WRKR_800	WORKER	4.67E-02	9.02E-05	1.04E+00	3.42E-03	9.18E-02	4.28E-04	1.18E+00

Cancer Risk

					AE		AH			
					3rd Tri		0<2		2<16		Total Cancer Risk (cases per million)
					Cancer Risk (cases per million)		Cancer Risk (cases per million)		Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD	
558455.354160323.56	558455.35	4160323.56	WRKR_801	WORKER	4.94E-02	9.35E-05	1.10E+00	3.55E-03	9.70E-02	4.44E-04	1.25E+00
558455.354160333.56	558455.35	4160333.56	WRKR_802	WORKER	5.23E-02	9.68E-05	1.16E+00	3.68E-03	1.03E-01	4.60E-04	1.32E+00
558455.354160343.56	558455.35	4160343.56	WRKR_803	WORKER	5.56E-02	1.00E-04	1.24E+00	3.81E-03	1.09E-01	4.76E-04	1.41E+00
558465.354160303.56	558465.35	4160303.56	WRKR_804	WORKER	4.37E-02	9.14E-05	9.72E-01	3.47E-03	8.59E-02	4.34E-04	1.11E+00
558465.354160313.56	558465.35	4160313.56	WRKR_805	WORKER	4.62E-02	9.47E-05	1.03E+00	3.59E-03	9.07E-02	4.49E-04	1.17E+00
558465.354160323.56	558465.35	4160323.56	WRKR_806	WORKER	4.88E-02	9.81E-05	1.09E+00	3.73E-03	9.60E-02	4.66E-04	1.23E+00
558465.354160333.56	558465.35	4160333.56	WRKR_807	WORKER	5.18E-02	1.02E-04	1.15E+00	3.86E-03	1.02E-01	4.83E-04	1.31E+00
558465.354160343.56	558465.35	4160343.56	WRKR_808	WORKER	5.51E-02	1.06E-04	1.23E+00	4.01E-03	1.08E-01	5.02E-04	1.39E+00
558475.354160303.56	558475.35	4160303.56	WRKR_809	WORKER	4.33E-02	9.58E-05	9.62E-01	3.63E-03	8.50E-02	4.54E-04	1.09E+00
558475.354160313.56	558475.35	4160313.56	WRKR_810	WORKER	4.57E-02	9.94E-05	1.02E+00	3.77E-03	8.98E-02	4.72E-04	1.16E+00
558475.354160323.56	558475.35	4160323.56	WRKR_811	WORKER	4.84E-02	1.03E-04	1.08E+00	3.92E-03	9.52E-02	4.90E-04	1.22E+00
558475.354160333.56	558475.35	4160333.56	WRKR_812	WORKER	5.14E-02	1.07E-04	1.14E+00	4.07E-03	1.01E-01	5.09E-04	1.30E+00
558475.354160343.56	558475.35	4160343.56	WRKR_813	WORKER	5.48E-02	1.12E-04	1.22E+00	4.24E-03	1.08E-01	5.30E-04	1.38E+00
558485.354160303.56	558485.35	4160303.56	WRKR_814	WORKER	4.29E-02	1.01E-04	9.53E-01	3.82E-03	8.43E-02	4.78E-04	1.08E+00
558485.354160313.56	558485.35	4160313.56	WRKR_815	WORKER	4.53E-02	1.04E-04	1.01E+00	3.95E-03	8.91E-02	4.94E-04	1.15E+00
558485.354160323.56	558485.35	4160323.56	WRKR_816	WORKER	4.81E-02	1.09E-04	1.07E+00	4.13E-03	9.45E-02	5.16E-04	1.22E+00
558485.354160333.56	558485.35	4160333.56	WRKR_817	WORKER	5.11E-02	1.13E-04	1.14E+00	4.29E-03	1.01E-01	5.37E-04	1.29E+00
558485.354160343.56	558485.35	4160343.56	WRKR_818	WORKER	5.45E-02	1.18E-04	1.21E+00	4.47E-03	1.07E-01	5.59E-04	1.38E+00
558495.354160303.56	558495.35	4160303.56	WRKR_819	WORKER	4.26E-02	1.06E-04	9.47E-01	4.02E-03	8.37E-02	5.03E-04	1.08E+00
558495.354160313.56	558495.35	4160313.56	WRKR_820	WORKER	4.51E-02	1.10E-04	1.00E+00	4.18E-03	8.86E-02	5.23E-04	1.14E+00
558495.354160323.56	558495.35	4160323.56	WRKR_821	WORKER	4.79E-02	1.15E-04	1.06E+00	4.35E-03	9.41E-02	5.44E-04	1.21E+00
558495.354160333.56	558495.35	4160333.56	WRKR_822	WORKER	5.10E-02	1.19E-04	1.13E+00	4.53E-03	1.00E-01	5.67E-04	1.29E+00
558495.354160343.56	558495.35	4160343.56	WRKR_823	WORKER	5.44E-02	1.25E-04	1.21E+00	4.74E-03	1.07E-01	5.92E-04	1.38E+00
558505.354160303.56	558505.35	4160303.56	WRKR_824	WORKER	4.24E-02	1.12E-04	9.42E-01	4.24E-03	8.33E-02	5.30E-04	1.07E+00
558505.354160313.56	558505.35	4160313.56	WRKR_825	WORKER	4.49E-02	1.16E-04	9.99E-01	4.41E-03	8.83E-02	5.52E-04	1.14E+00
558505.354160323.56	558505.35	4160323.56	WRKR_826	WORKER	4.77E-02	1.21E-04	1.06E+00	4.60E-03	9.38E-02	5.75E-04	1.21E+00
558505.354160333.56	558505.35	4160333.56	WRKR_827	WORKER	5.09E-02	1.26E-04	1.13E+00	4.80E-03	1.00E-01	6.00E-04	1.29E+00
558515.354160303.56	558515.35	4160303.56	WRKR_828	WORKER	4.22E-02	1.18E-04	9.39E-01	4.47E-03	8.30E-02	5.58E-04	1.07E+00
558515.354160313.56	558515.35	4160313.56	WRKR_829	WORKER	4.48E-02	1.23E-04	9.96E-01	4.66E-03	8.81E-02	5.82E-04	1.13E+00
558515.354160323.56	558515.35	4160323.56	WRKR_830	WORKER	4.77E-02	1.28E-04	1.06E+00	4.86E-03	9.37E-02	6.07E-04	1.21E+00
558515.354160333.56	558515.35	4160333.56	WRKR_831	WORKER	5.08E-02	1.34E-04	1.13E+00	5.08E-03	9.99E-02	6.35E-04	1.29E+00
558525.354160303.56	558525.35	4160303.56	WRKR_832	WORKER	4.22E-02	1.24E-04	9.37E-01	4.71E-03	8.29E-02	5.88E-04	1.07E+00
558525.354160313.56	558525.35	4160313.56	WRKR_833	WORKER	4.48E-02	1.29E-04	9.95E-01	4.91E-03	8.80E-02	6.14E-04	1.13E+00
558525.354160323.56	558525.35	4160323.56	WRKR_834	WORKER	4.77E-02	1.35E-04	1.06E+00	5.14E-03	9.37E-02	6.43E-04	1.21E+00
558525.354160333.56	558525.35	4160333.56	WRKR_835	WORKER	5.09E-02	1.42E-04	1.13E+00	5.39E-03	1.00E-01	6.73E-04	1.29E+00
558535.354160303.56	558535.35	4160303.56	WRKR_836	WORKER	4.22E-02	1.31E-04	9.37E-01	4.96E-03	8.29E-02	6.20E-04	1.07E+00
558535.354160313.56	558535.35	4160313.56	WRKR_837	WORKER	4.48E-02	1.37E-04	9.96E-01	5.19E-03	8.81E-02	6.49E-04	1.14E+00
558535.354160323.56	558535.35	4160323.56	WRKR_838	WORKER	4.78E-02	1.43E-04	1.06E+00	5.44E-03	9.39E-02	6.80E-04	1.21E+00
558535.354160333.56	558535.35	4160333.56	WRKR_839	WORKER	5.10E-02	1.50E-04	1.13E+00	5.70E-03	1.00E-01	7.12E-04	1.29E+00
558616.674160229.97	558616.67	4160229.97	WRKR_840	WORKER	2.85E-02	1.58E-04	6.34E-01	6.01E-03	5.61E-02	7.51E-04	7.26E-01
558616.674160239.97	558616.67	4160239.97	WRKR_841	WORKER	3.01E-02	1.65E-04	6.69E-01	6.25E-03	5.91E-02	7.82E-04	7.65E-01
558616.674160249.97	558616.67	4160249.97	WRKR_842	WORKER	3.18E-02	1.71E-04	7.06E-01	6.51E-03	6.25E-02	8.13E-04	8.08E-01
558626.674160229.97	558626.67	4160229.97	WRKR_843	WORKER	2.87E-02	1.72E-04	6.37E-01	6.54E-03	5.63E-02	8.18E-04	7.30E-01
558626.674160239.97	558626.67	4160239.97	WRKR_844	WORKER	3.02E-02	1.79E-04	6.72E-01	6.80E-03	5.94E-02	8.51E-04	7.70E-01
558626.674160249.97	558626.67	4160249.97	WRKR_845	WORKER	3.20E-02	1.87E-04	7.11E-01	7.08E-03	6.28E-02	8.85E-04	8.14E-01
558636.674160229.97	558636.67	4160229.97	WRKR_846	WORKER	2.88E-02	1.89E-04	6.41E-01	7.18E-03	5.66E-02	8.98E-04	7.34E-01
558636.674160239.97	558636.67	4160239.97	WRKR_847	WORKER	3.04E-02	1.97E-04	6.76E-01	7.48E-03	5.98E-02	9.35E-04	7.75E-01
558636.674160249.97	558636.67	4160249.97	WRKR_848	WORKER	3.22E-02	2.05E-04	7.15E-01	7.78E-03	6.33E-02	9.72E-04	8.20E-01
558646.674160229.97	558646.67	4160229.97	WRKR_849	WORKER	2.90E-02	2.10E-04	6.45E-01	7.96E-03	5.70E-02	9.95E-04	7.40E-01
558646.674160239.97	558646.67	4160239.97	WRKR_850	WORKER	3.06E-02	2.19E-04	6.81E-01	8.30E-03	6.02E-02	1.04E-03	7.82E-01
558646.674160249.97	558646.67	4160249.97	WRKR_851	WORKER	3.24E-02	2.28E-04	7.21E-01	8.64E-03	6.37E-02	1.08E-03	8.27E-01
558656.674160229.97	558656.67	4160229.97	WRKR_852	WORKER	2.92E-02	2.36E-04	6.49E-01	8.95E-03	5.74E-02	1.12E-03	7.46E-01
558656.674160239.97	558656.67	4160239.97	WRKR_853	WORKER	3.09E-02	2.46E-04	6.86E-01	9.33E-03	6.07E-02	1.17E-03	7.89E-01
558666.674160229.97	558666.67	4160229.97	WRKR_854	WORKER	2.94E-02	2.69E-04	6.54E-01	1.02E-02	5.79E-02	1.27E-03	7.53E-01
558666.674160239.97	558666.67	4160239.97	WRKR_855	WORKER	3.11E-02	2.81E-04	6.92E-01	1.07E-02	6.12E-02	1.33E-03	7.96E-01
558676.674160229.97	558676.67	4160229.97	WRKR_856	WORKER	2.97E-02	3.11E-04	6.60E-01	1.18E-02	5.83E-02	1.47E-03	7.61E-01
558676.674160239.97	558676.67	4160239.97	WRKR_857	WORKER	3.14E-02	3.26E-04	6.98E-01	1.24E-02	6.17E-02	1.55E-03	8.05E-01
558686.674160229.97	558686.67	4160229.97	WRKR_858	WORKER	2.99E-02	3.66E-04	6.65E-01	1.39E-02	5.88E-02	1.74E-03	7.70E-01
558686.674160239.97	558686.67	4160239.97	WRKR_859	WORKER	3.17E-02	3.86E-04	7.04E-01	1.46E-02	6.22E-02	1.83E-03	8.15E-01
558696.674160229.97	558696.67	4160229.97	WRKR_860	WORKER	3.02E-02	4.41E-04	6.71E-01	1.67E-02	5.93E-02	2.09E-03	7.80E-01
558696.674160239.97	558696.67	4160239.97	WRKR_861	WORKER	3.20E-02	4.67E-04	7.10E-01	1.77E-02	6.28E-02	2.21E-03	8.25E-01
558706.674160229.97	558706.67	4160229.97	WRKR_862	WORKER	3.05E-02	5.43E-04	6.77E-01	2.06E-02	5.99E-02	2.58E-03	7.91E-01
558706.674160239.97	558706.67	4160239.97	WRKR_863	WORKER	3.22E-02	5.78E-04	7.17E-01	2.20E-02	6.34E-02	2.75E-03	8.38E-01
558716.674160229.97	558716.67	4160229.97	WRKR_864	WORKER	3.08E-02	6.85E-04	6.84E-01	2.60E-02	6.04E-02	3.25E-03	8.05E-01
558716.674160239.97	558716.67	4160239.97	WRKR_865	WORKER	3.25E-02	5.33E-04	7.23E-01	2.02E-02	6.40E-02	2.53E-03	8.43E-01
558420.214160235.8	558420.21	4160235.8	WRKR_866	WORKER	3.48E-02	6.05E-05	7.73E-01	2.30E-03	6.83E-02	2.87E-04	8.78E-01
558420.214160245.8	558420.21	4160245.8	WRKR_867	WORKER	3.62E-02	6.24E-05	8.04E-01	2.37E-03	7.11E-02	2.96E-04	9.14E-01
558420.214160255.8	558420.21	4160255.8	WRKR_868	WORKER	3.77E-02	6.43E-05	8.39E-01	2.44E-03	7.41E-02	3.05E-04	9.53E-01
558430.214160235.8	558430.21	4160235.8	WRKR_869	WORKER	3.40E-02	6.29E-05	7.56E-01	2.39E-03	6.69E-02	2.99E-04	8.60E-01
558430.214160245.8	558430.21	4160245.8	WRKR_870	WORKER	3.54E-02	6.48E-05	7.88E-01	2.46E-03	6.96E-02	3.08E-04	8.96E-01
558430.214160255.8	558430.21	4160255.8	WRKR_871	WORKER	3.69E-02	6.69E-05	8.21E-01	2.54E-03	7.26E-02	3.17E-04	9.34E-01
558440.214160235.8	558440.21	4160235.8	WRKR_872	WORKER	3.34E-02	6.55E-05	7.41E-01	2.49E-03	6.56E-02	3.11E-04	8.43E-01
558440.214160245.8	558440.21	4160245.8	WRKR_873	WORKER	3.47E-02	6.75E-05	7.72E-01	2.56E-03	6.83E-02	3.21E-04	8.78E-01
558440.214160255.8	558440.21	4160255.8	WRKR_874	WORKER	3.62E-02	6.97E-05	8.05E-01	2.64E-03	7.12E-02	3.31E-04	9.16E-01
558450.214160235.8	558450.21	4160235.8	WRKR_875	WORKER	3.27E-02	6.80E-05	7.28E-01	2.58E-03	6.43E-02	3.23E-04	8.28E-01
558450.214160245.8	558450.21	4160245.8	WRKR_876	WORKER	3.41E-02	7.02E-05	7.58E-01	2.66E-03	6.70E-02	3.33E-04	8.62E-01
558450.214160255.8	558450.21	4160255.8	WRKR_877	WORKER	3.56E-02	7.25E-05	7.91E-01	2.75E-03	6.99E-02	3.44E-04	9.00E-01
558460.214160235.8	558460.21	4160235.8	WRKR_878	WORKER	3.22E-02	7.07E-05	7.15E-01	2.68E-03	6.32E-02	3.36E-04	8.14E-01
558460.214160245.8	558460.21	4160245.8	WRKR_879	WORKER	3.35E-02	7.30E-05	7.45E-01	2.77E-03	6.59E-02	3.47E-04	8.48E-01
558460.214160255.8	558460.21	4160255.8	WRKR_880	WORKER	3.50E-02	7.56E-05	7.78E-01	2.87E-03	6.88E-02	3.59E-04	8.85E-01
558470.214160235.8	558470.21	4160235.8	WRKR_881	WORKER	3.17E-02	7.37E-05	7.04E-01	2.80E-03	6.22E-02	3.50E-04	8.01E-01
558470.214160245.8	558470.21	4160245.8	WRKR_882	WORKER	3.30E-02	7.62E-05	7.34E-01	2.89E-03	6.49E-02	3.62E-04	8.35E-01
558470.214160255.8	558470.21	4160255.8	WRKR_883	WORKER	3.45E-02	7.89E-05	7.66E-01	3.00E-03	6.78E-02	3.75E-04	8.72E-01
558480.214160235.8	558480.21	4160235.8	WRKR_884	WORKER	3.12E-02	7.69E-05	6.93E-01	2.92E-03	6.13E-02	3.65E-04	7.89E-01
558480.214160245.8	558480.21	4160245.8	WRKR_885	WORKER	3.26E-02	7.96E-05	7.24E-01	3.02E-03	6.40E-02	3.78E-04	8.24E-01
558480.214160255.8	558480.21	4160255.8	WRKR_886	WORKER	3.40E-02	8.25E-05	7.56E-01	3.13E-03	6.69E-02	3.92E-04	8.61E-01
558490.214160235.8	558490.21	4160235.8	WRKR_887	WORKER	3.08E-02	8.03E-05	6.84E-01	3.05E-03	6.05E-02	3.81E-04	7.79E-01

Cancer Risk

					AE		AH			
					3rd Tri		0<2		2<16		Total Cancer Risk (cases per million)
					Cancer Risk (cases per million)		Cancer Risk (cases per million)		Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD	
558490.214160245.8	558490.21	4160245.8	WRKR_888	WORKER	3.21E-02	8.30E-05	7.13E-01	3.15E-03	6.31E-02	3.94E-04	8.12E-01
558490.214160255.8	558490.21	4160255.8	WRKR_889	WORKER	3.36E-02	8.63E-05	7.47E-01	3.27E-03	6.61E-02	4.09E-04	8.50E-01
558500.214160235.8	558500.21	4160235.8	WRKR_890	WORKER	3.04E-02	8.41E-05	6.76E-01	3.19E-03	5.98E-02	3.99E-04	7.70E-01
558500.214160245.8	558500.21	4160245.8	WRKR_891	WORKER	3.18E-02	8.71E-05	7.06E-01	3.31E-03	6.25E-02	4.13E-04	8.04E-01
558500.214160255.8	558500.21	4160255.8	WRKR_892	WORKER	3.33E-02	9.04E-05	7.39E-01	3.43E-03	6.54E-02	4.29E-04	8.42E-01
558510.214160235.8	558510.21	4160235.8	WRKR_893	WORKER	3.01E-02	8.81E-05	6.69E-01	3.34E-03	5.92E-02	4.18E-04	7.62E-01
558510.214160245.8	558510.21	4160245.8	WRKR_894	WORKER	3.15E-02	9.14E-05	7.00E-01	3.47E-03	6.19E-02	4.34E-04	7.97E-01
558510.214160255.8	558510.21	4160255.8	WRKR_895	WORKER	3.30E-02	9.50E-05	7.33E-01	3.61E-03	6.48E-02	4.51E-04	8.35E-01
558520.214160235.8	558520.21	4160235.8	WRKR_896	WORKER	2.98E-02	9.23E-05	6.63E-01	3.50E-03	5.86E-02	4.38E-04	7.56E-01
558520.214160245.8	558520.21	4160245.8	WRKR_897	WORKER	3.12E-02	9.58E-05	6.94E-01	3.64E-03	6.14E-02	4.55E-04	7.91E-01
558520.214160255.8	558520.21	4160255.8	WRKR_898	WORKER	3.27E-02	9.96E-05	7.27E-01	3.78E-03	6.43E-02	4.73E-04	8.29E-01
558530.214160235.8	558530.21	4160235.8	WRKR_899	WORKER	2.96E-02	9.67E-05	6.58E-01	3.67E-03	5.82E-02	4.59E-04	7.50E-01
558530.214160245.8	558530.21	4160245.8	WRKR_900	WORKER	3.10E-02	1.00E-04	6.89E-01	3.81E-03	6.09E-02	4.76E-04	7.86E-01
558530.214160255.8	558530.21	4160255.8	WRKR_901	WORKER	3.25E-02	1.05E-04	7.23E-01	3.97E-03	6.40E-02	4.96E-04	8.24E-01
558540.214160235.8	558540.21	4160235.8	WRKR_902	WORKER	2.94E-02	1.01E-04	6.54E-01	3.85E-03	5.78E-02	4.82E-04	7.46E-01
558540.214160245.8	558540.21	4160245.8	WRKR_903	WORKER	3.09E-02	1.05E-04	6.86E-01	4.00E-03	6.06E-02	5.00E-04	7.82E-01
558540.214160255.8	558540.21	4160255.8	WRKR_904	WORKER	3.24E-02	1.10E-04	7.20E-01	4.17E-03	6.37E-02	5.21E-04	8.21E-01
558550.214160235.8	558550.21	4160235.8	WRKR_905	WORKER	2.93E-02	1.07E-04	6.51E-01	4.05E-03	5.76E-02	5.06E-04	7.43E-01
558550.214160245.8	558550.21	4160245.8	WRKR_906	WORKER	3.07E-02	1.11E-04	6.83E-01	4.20E-03	6.04E-02	5.26E-04	7.79E-01
558550.214160255.8	558550.21	4160255.8	WRKR_907	WORKER	3.23E-02	1.15E-04	7.18E-01	4.38E-03	6.35E-02	5.48E-04	8.19E-01
558560.214160235.8	558560.21	4160235.8	WRKR_908	WORKER	2.92E-02	1.13E-04	6.49E-01	4.27E-03	5.74E-02	5.34E-04	7.41E-01
558560.214160245.8	558560.21	4160245.8	WRKR_909	WORKER	3.07E-02	1.17E-04	6.82E-01	4.46E-03	6.03E-02	5.58E-04	7.78E-01
558560.214160255.8	558560.21	4160255.8	WRKR_910	WORKER	3.23E-02	1.22E-04	7.17E-01	4.65E-03	6.34E-02	5.81E-04	8.18E-01
558570.214160235.8	558570.21	4160235.8	WRKR_911	WORKER	2.92E-02	1.19E-04	6.48E-01	4.50E-03	5.73E-02	5.63E-04	7.40E-01
558570.214160245.8	558570.21	4160245.8	WRKR_912	WORKER	3.06E-02	1.23E-04	6.81E-01	4.67E-03	6.02E-02	5.84E-04	7.78E-01
558570.214160255.8	558570.21	4160255.8	WRKR_913	WORKER	3.23E-02	1.29E-04	7.18E-01	4.88E-03	6.35E-02	6.10E-04	8.19E-01
558580.214160235.8	558580.21	4160235.8	WRKR_914	WORKER	2.91E-02	1.26E-04	6.48E-01	4.77E-03	5.73E-02	5.96E-04	7.40E-01
558580.214160245.8	558580.21	4160245.8	WRKR_915	WORKER	3.07E-02	1.31E-04	6.82E-01	4.96E-03	6.03E-02	6.20E-04	7.78E-01
558590.214160235.8	558590.21	4160235.8	WRKR_916	WORKER	2.92E-02	1.34E-04	6.48E-01	5.08E-03	5.73E-02	6.36E-04	7.41E-01
558590.214160245.8	558590.21	4160245.8	WRKR_917	WORKER	3.07E-02	1.39E-04	6.83E-01	5.28E-03	6.04E-02	6.60E-04	7.80E-01
558600.214160245.8	558600.21	4160245.8	WRKR_918	WORKER	3.08E-02	1.49E-04	6.85E-01	5.66E-03	6.06E-02	7.07E-04	7.83E-01

							MAX:	8.16
Cancer Risk			**CONSTRUCTION ONLY**				**X (UTM):**	558066.09
			Resident Cancer Risk				**Y (UTM):**	4160530.12
XY	**X**	**Y**	**XY**	**X**	**Y**	**GROUP**	**Cancer Risk**	
557996.384160720.52	557996.38	4160720.52	557976.094160490.12	557976.09	4160490.12	HLTN_1	3.59	
557996.384160730.52	557996.38	4160730.52	557976.094160500.12	557976.09	4160500.12	HLTN_2	3.73	
557996.384160740.52	557996.38	4160740.52	557976.094160510.12	557976.09	4160510.12	HLTN_3	3.89	
558006.384160710.52	558006.38	4160710.52	557976.094160520.12	557976.09	4160520.12	HLTN_4	4.05	
558006.384160720.52	558006.38	4160720.52	557976.094160530.12	557976.09	4160530.12	HLTN_5	4.19	
558006.384160730.52	558006.38	4160730.52	557986.094160480.12	557986.09	4160480.12	HLTN_6	3.70	
558006.384160740.52	558006.38	4160740.52	557986.094160490.12	557986.09	4160490.12	HLTN_7	3.91	
558016.384160710.52	558016.38	4160710.52	557986.094160500.12	557986.09	4160500.12	HLTN_8	4.05	
558016.384160720.52	558016.38	4160720.52	557986.094160510.12	557986.09	4160510.12	HLTN_9	4.20	
558016.384160730.52	558016.38	4160730.52	557986.094160520.12	557986.09	4160520.12	HLTN_10	4.36	
558016.384160740.52	558016.38	4160740.52	557986.094160530.12	557986.09	4160530.12	HLTN_11	4.51	
558026.384160710.52	558026.38	4160710.52	557996.094160480.12	557996.09	4160480.12	HLTN_12	4.01	
558026.384160720.52	558026.38	4160720.52	557996.094160490.12	557996.09	4160490.12	HLTN_13	4.17	
558026.384160730.52	558026.38	4160730.52	557996.094160500.12	557996.09	4160500.12	HLTN_14	4.33	
558026.384160740.52	558026.38	4160740.52	557996.094160510.12	557996.09	4160510.12	HLTN_15	4.51	
558277.534160581.24	558277.53	4160581.24	557996.094160520.12	557996.09	4160520.12	HLTN_16	4.68	
558277.534160591.24	558277.53	4160591.24	557996.094160530.12	557996.09	4160530.12	HLTN_17	4.87	
558287.534160581.24	558287.53	4160581.24	557996.094160540.12	557996.09	4160540.12	HLTN_18	5.05	
558287.534160591.24	558287.53	4160591.24	557996.094160550.12	557996.09	4160550.12	HLTN_19	5.24	
558297.534160581.24	558297.53	4160581.24	557996.094160560.12	557996.09	4160560.12	HLTN_20	5.43	
558297.534160591.24	558297.53	4160591.24	557996.094160570.12	557996.09	4160570.12	HLTN_21	5.62	
558307.534160581.24	558307.53	4160581.24	558006.094160480.12	558006.09	4160480.12	HLTN_22	4.26	
558307.534160591.24	558307.53	4160591.24	558006.094160490.12	558006.09	4160490.12	HLTN_23	4.44	
558317.534160581.24	558317.53	4160581.24	558006.094160500.12	558006.09	4160500.12	HLTN_24	4.63	
558317.534160591.24	558317.53	4160591.24	558006.094160510.12	558006.09	4160510.12	HLTN_25	4.83	
558327.534160581.24	558327.53	4160581.24	558006.094160520.12	558006.09	4160520.12	HLTN_26	5.04	
558327.534160591.24	558327.53	4160591.24	558006.094160530.12	558006.09	4160530.12	HLTN_27	5.25	
558337.534160581.24	558337.53	4160581.24	558006.094160540.12	558006.09	4160540.12	HLTN_28	5.47	
558101.054160547.13	558101.05	4160547.13	558006.094160550.12	558006.09	4160550.12	HLTN_29	5.70	
558101.054160557.13	558101.05	4160557.13	558006.094160560.12	558006.09	4160560.12	HLTN_30	5.92	
558111.054160547.13	558111.05	4160547.13	558006.094160570.12	558006.09	4160570.12	HLTN_31	6.15	
558111.054160557.13	558111.05	4160557.13	558016.094160480.12	558016.09	4160480.12	HLTN_32	4.52	
558111.054160567.13	558111.05	4160567.13	558016.094160490.12	558016.09	4160490.12	HLTN_33	4.73	
558121.054160537.13	558121.05	4160537.13	558016.094160500.12	558016.09	4160500.12	HLTN_34	4.95	
558121.054160547.13	558121.05	4160547.13	558016.094160510.12	558016.09	4160510.12	HLTN_35	5.18	
558121.054160557.13	558121.05	4160557.13	558016.094160520.12	558016.09	4160520.12	HLTN_36	5.42	
558121.054160567.13	558121.05	4160567.13	558016.094160530.12	558016.09	4160530.12	HLTN_37	5.67	
558121.054160577.13	558121.05	4160577.13	558016.094160540.12	558016.09	4160540.12	HLTN_38	5.92	
558121.054160587.13	558121.05	4160587.13	558016.094160550.12	558016.09	4160550.12	HLTN_39	6.19	
558131.054160527.13	558131.05	4160527.13	558016.094160560.12	558016.09	4160560.12	HLTN_40	6.47	
558131.054160537.13	558131.05	4160537.13	558016.094160570.12	558016.09	4160570.12	HLTN_41	6.74	
558131.054160547.13	558131.05	4160547.13	558026.094160480.12	558026.09	4160480.12	HLTN_42	4.80	
558131.054160557.13	558131.05	4160557.13	558026.094160490.12	558026.09	4160490.12	HLTN_43	5.03	
558131.054160567.13	558131.05	4160567.13	558026.094160500.12	558026.09	4160500.12	HLTN_44	5.28	
558131.054160577.13	558131.05	4160577.13	558026.094160510.12	558026.09	4160510.12	HLTN_45	5.54	
558131.054160587.13	558131.05	4160587.13	558026.094160520.12	558026.09	4160520.12	HLTN_46	5.82	
558131.054160597.13	558131.05	4160597.13	558026.094160530.12	558026.09	4160530.12	HLTN_47	6.12	
558141.054160527.13	558141.05	4160527.13	558026.094160540.12	558026.09	4160540.12	HLTN_48	6.42	
558141.054160537.13	558141.05	4160537.13	558026.094160550.12	558026.09	4160550.12	HLTN_49	6.74	
558141.054160547.13	558141.05	4160547.13	558026.094160560.12	558026.09	4160560.12	HLTN_50	7.06	
558141.054160557.13	558141.05	4160557.13	558026.094160570.12	558026.09	4160570.12	HLTN_51	7.40	
558141.054160567.13	558141.05	4160567.13	558036.094160480.12	558036.09	4160480.12	HLTN_52	5.07	
558141.054160577.13	558141.05	4160577.13	558036.094160490.12	558036.09	4160490.12	HLTN_53	5.35	
558141.054160587.13	558141.05	4160587.13	558036.094160500.12	558036.09	4160500.12	HLTN_54	5.59	
558141.054160597.13	558141.05	4160597.13	558036.094160510.12	558036.09	4160510.12	HLTN_55	5.81	
558141.054160607.13	558141.05	4160607.13	558036.094160520.12	558036.09	4160520.12	HLTN_56	6.18	
558151.054160537.13	558151.05	4160537.13	558036.094160530.12	558036.09	4160530.12	HLTN_57	6.59	
558151.054160547.13	558151.05	4160547.13	558036.094160540.12	558036.09	4160540.12	HLTN_58	6.95	
558151.054160557.13	558151.05	4160557.13	558036.094160550.12	558036.09	4160550.12	HLTN_59	7.32	
558151.054160567.13	558151.05	4160567.13	558036.094160560.12	558036.09	4160560.12	HLTN_60	7.72	
558151.054160577.13	558151.05	4160577.13	558046.094160480.12	558046.09	4160480.12	HLTN_61	5.23	
558151.054160587.13	558151.05	4160587.13	558046.094160490.12	558046.09	4160490.12	HLTN_62	5.53	
558151.054160597.13	558151.05	4160597.13	558046.094160500.12	558046.09	4160500.12	HLTN_63	5.81	
558151.054160607.13	558151.05	4160607.13	558046.094160510.12	558046.09	4160510.12	HLTN_64	6.12	
558151.054160617.13	558151.05	4160617.13	558046.094160520.12	558046.09	4160520.12	HLTN_65	6.57	
558161.054160547.13	558161.05	4160547.13	558046.094160530.12	558046.09	4160530.12	HLTN_66	7.10	
558161.054160557.13	558161.05	4160557.13	558046.094160540.12	558046.09	4160540.12	HLTN_67	7.51	
558161.054160567.13	558161.05	4160567.13	558046.094160550.12	558046.09	4160550.12	HLTN_68	7.95	
558161.054160577.13	558161.05	4160577.13	558056.094160480.12	558056.09	4160480.12	HLTN_69	5.49	
558161.054160587.13	558161.05	4160587.13	558056.094160490.12	558056.09	4160490.12	HLTN_70	5.79	
558161.054160597.13	558161.05	4160597.13	558056.094160500.12	558056.09	4160500.12	HLTN_71	6.10	
558161.054160607.13	558161.05	4160607.13	558056.094160510.12	558056.09	4160510.12	HLTN_72	6.47	
558171.054160557.13	558171.05	4160557.13	558056.094160520.12	558056.09	4160520.12	HLTN_73	7.04	
558171.054160567.13	558171.05	4160567.13	558056.094160530.12	558056.09	4160530.12	HLTN_74	7.63	
558171.054160577.13	558171.05	4160577.13	558056.094160540.12	558056.09	4160540.12	HLTN_75	8.10	
558171.054160587.13	558171.05	4160587.13	558066.094160480.12	558066.09	4160480.12	HLTN_76	5.95	
558171.054160597.13	558171.05	4160597.13	558066.094160490.12	558066.09	4160490.12	HLTN_77	6.29	
558181.054160567.13	558181.05	4160567.13	558066.094160500.12	558066.09	4160500.12	HLTN_78	6.50	
558181.054160577.13	558181.05	4160577.13	558066.094160510.12	558066.09	4160510.12	HLTN_79	7.05	
558181.054160587.13	558181.05	4160587.13	558066.094160520.12	558066.09	4160520.12	HLTN_80	7.65	
558191.054160577.13	558191.05	4160577.13	558066.094160530.12	558066.09	4160530.12	HLTN_81	8.16	
558368.544160582.33	558368.54	4160582.33	558076.094160480.12	558076.09	4160480.12	HLTN_82	6.24	
558378.544160582.33	558378.54	4160582.33	558076.094160490.12	558076.09	4160490.12	HLTN_83	6.65	
558378.544160592.33	558378.54	4160592.33	558076.094160500.12	558076.09	4160500.12	HLTN_84	6.87	
558378.544160602.33	558378.54	4160602.33	558076.094160510.12	558076.09	4160510.12	HLTN_85	7.59	
558378.544160612.33	558378.54	4160612.33	558076.094160520.12	558076.09	4160520.12	HLTN_86	8.13	
558388.544160582.33	558388.54	4160582.33	558086.094160490.12	558086.09	4160490.12	HLTN_87	6.91	

						MAX:	8.16
Cancer Risk			**CONSTRUCTION ONLY**			**X (UTM):**	558066.09
			Resident Cancer Risk			**Y (UTM):**	4160530.12
XY	**X**	**Y**	**XY**	**X**	**Y**	**GROUP**	**Cancer Risk**
558388.544160592.33	558388.54	4160592.33	558086.094160500.12	558086.09	4160500.12	HLTN_88	7.31
558388.544160602.33	558388.54	4160602.33	558086.094160510.12	558086.09	4160510.12	HLTN_89	8.02
558388.544160612.33	558388.54	4160612.33	558096.094160490.12	558096.09	4160490.12	HLTN_90	7.18
558398.544160582.33	558398.54	4160582.33	558096.094160500.12	558096.09	4160500.12	HLTN_91	7.83
558398.544160592.33	558398.54	4160592.33	557513.484160678.78	557513.48	4160678.78	HOTEL_1	0.52
558398.544160602.33	558398.54	4160602.33	557513.484160688.78	557513.48	4160688.78	HOTEL_2	0.52
558398.544160612.33	558398.54	4160612.33	557513.484160698.78	557513.48	4160698.78	HOTEL_3	0.52
557976.094160490.12	557976.09	4160490.12	557513.484160708.78	557513.48	4160708.78	HOTEL_4	0.52
557976.094160500.12	557976.09	4160500.12	557513.484160718.78	557513.48	4160718.78	HOTEL_5	0.52
557976.094160510.12	557976.09	4160510.12	557513.484160728.78	557513.48	4160728.78	HOTEL_6	0.52
557976.094160520.12	557976.09	4160520.12	557523.484160678.78	557523.48	4160678.78	HOTEL_7	0.54
557976.094160530.12	557976.09	4160530.12	557523.484160688.78	557523.48	4160688.78	HOTEL_8	0.53
557986.094160480.12	557986.09	4160480.12	557523.484160698.78	557523.48	4160698.78	HOTEL_9	0.53
557986.094160490.12	557986.09	4160490.12	557523.484160708.78	557523.48	4160708.78	HOTEL_10	0.53
557986.094160500.12	557986.09	4160500.12	557523.484160718.78	557523.48	4160718.78	HOTEL_11	0.53
557986.094160510.12	557986.09	4160510.12	557523.484160728.78	557523.48	4160728.78	HOTEL_12	0.53
557986.094160520.12	557986.09	4160520.12	557533.484160678.78	557533.48	4160678.78	HOTEL_13	0.55
557986.094160530.12	557986.09	4160530.12	557533.484160688.78	557533.48	4160688.78	HOTEL_14	0.55
557996.094160480.12	557996.09	4160480.12	557533.484160698.78	557533.48	4160698.78	HOTEL_15	0.55
557996.094160490.12	557996.09	4160490.12	557533.484160708.78	557533.48	4160708.78	HOTEL_16	0.55
557996.094160500.12	557996.09	4160500.12	557533.484160718.78	557533.48	4160718.78	HOTEL_17	0.55
557996.094160510.12	557996.09	4160510.12	557533.484160728.78	557533.48	4160728.78	HOTEL_18	0.55
557996.094160520.12	557996.09	4160520.12	557543.484160678.78	557543.48	4160678.78	HOTEL_19	0.57
557996.094160530.12	557996.09	4160530.12	557543.484160688.78	557543.48	4160688.78	HOTEL_20	0.56
557996.094160540.12	557996.09	4160540.12	557543.484160698.78	557543.48	4160698.78	HOTEL_21	0.56
557996.094160550.12	557996.09	4160550.12	557543.484160708.78	557543.48	4160708.78	HOTEL_22	0.56
557996.094160560.12	557996.09	4160560.12	557543.484160718.78	557543.48	4160718.78	HOTEL_23	0.56
557996.094160570.12	557996.09	4160570.12	557543.484160728.78	557543.48	4160728.78	HOTEL_24	0.56
558006.094160480.12	558006.09	4160480.12	557553.484160678.78	557553.48	4160678.78	HOTEL_25	0.59
558006.094160490.12	558006.09	4160490.12	557553.484160688.78	557553.48	4160688.78	HOTEL_26	0.58
558006.094160500.12	558006.09	4160500.12	557553.484160698.78	557553.48	4160698.78	HOTEL_27	0.58
558006.094160510.12	558006.09	4160510.12	557553.484160708.78	557553.48	4160708.78	HOTEL_28	0.58
558006.094160520.12	558006.09	4160520.12	557553.484160718.78	557553.48	4160718.78	HOTEL_29	0.58
558006.094160530.12	558006.09	4160530.12	557553.484160728.78	557553.48	4160728.78	HOTEL_30	0.58
558006.094160540.12	558006.09	4160540.12	557563.484160678.78	557563.48	4160678.78	HOTEL_31	0.61
558006.094160550.12	558006.09	4160550.12	557563.484160688.78	557563.48	4160688.78	HOTEL_32	0.60
558006.094160560.12	558006.09	4160560.12	557563.484160698.78	557563.48	4160698.78	HOTEL_33	0.60
558006.094160570.12	558006.09	4160570.12	557563.484160708.78	557563.48	4160708.78	HOTEL_34	0.60
558016.094160480.12	558016.09	4160480.12	557563.484160718.78	557563.48	4160718.78	HOTEL_35	0.60
558016.094160490.12	558016.09	4160490.12	557563.484160728.78	557563.48	4160728.78	HOTEL_36	0.60
558016.094160500.12	558016.09	4160500.12	557573.484160678.78	557573.48	4160678.78	HOTEL_37	0.62
558016.094160510.12	558016.09	4160510.12	557573.484160688.78	557573.48	4160688.78	HOTEL_38	0.62
558016.094160520.12	558016.09	4160520.12	557573.484160698.78	557573.48	4160698.78	HOTEL_39	0.62
558016.094160530.12	558016.09	4160530.12	557573.484160708.78	557573.48	4160708.78	HOTEL_40	0.62
558016.094160540.12	558016.09	4160540.12	557573.484160718.78	557573.48	4160718.78	HOTEL_41	0.62
558016.094160550.12	558016.09	4160550.12	557573.484160728.78	557573.48	4160728.78	HOTEL_42	0.62
558016.094160560.12	558016.09	4160560.12	557583.484160678.78	557583.48	4160678.78	HOTEL_43	0.64
558016.094160570.12	558016.09	4160570.12	557583.484160688.78	557583.48	4160688.78	HOTEL_44	0.64
558026.094160480.12	558026.09	4160480.12	557583.484160698.78	557583.48	4160698.78	HOTEL_45	0.64
558026.094160490.12	558026.09	4160490.12	557583.484160708.78	557583.48	4160708.78	HOTEL_46	0.64
558026.094160500.12	558026.09	4160500.12	557583.484160718.78	557583.48	4160718.78	HOTEL_47	0.64
558026.094160510.12	558026.09	4160510.12	557583.484160728.78	557583.48	4160728.78	HOTEL_48	0.64
558026.094160520.12	558026.09	4160520.12	557593.484160678.78	557593.48	4160678.78	HOTEL_49	0.66
558026.094160530.12	558026.09	4160530.12	557593.484160688.78	557593.48	4160688.78	HOTEL_50	0.66
558026.094160540.12	558026.09	4160540.12	557593.484160698.78	557593.48	4160698.78	HOTEL_51	0.66
558026.094160550.12	558026.09	4160550.12	557593.484160708.78	557593.48	4160708.78	HOTEL_52	0.66
558026.094160560.12	558026.09	4160560.12	557593.484160718.78	557593.48	4160718.78	HOTEL_53	0.66
558026.094160570.12	558026.09	4160570.12	557593.484160728.78	557593.48	4160728.78	HOTEL_54	0.66
558036.094160480.12	558036.09	4160480.12	557603.484160678.78	557603.48	4160678.78	HOTEL_55	0.68
558036.094160490.12	558036.09	4160490.12	557603.484160688.78	557603.48	4160688.78	HOTEL_56	0.68
558036.094160500.12	558036.09	4160500.12	557603.484160698.78	557603.48	4160698.78	HOTEL_57	0.68
558036.094160510.12	558036.09	4160510.12	557603.484160708.78	557603.48	4160708.78	HOTEL_58	0.68
558036.094160520.12	558036.09	4160520.12	557603.484160718.78	557603.48	4160718.78	HOTEL_59	0.68
558036.094160530.12	558036.09	4160530.12	557613.484160678.78	557613.48	4160678.78	HOTEL_60	0.71
558036.094160540.12	558036.09	4160540.12	557613.484160688.78	557613.48	4160688.78	HOTEL_61	0.71
558036.094160550.12	558036.09	4160550.12	557613.484160698.78	557613.48	4160698.78	HOTEL_62	0.70
558036.094160560.12	558036.09	4160560.12	557613.484160708.78	557613.48	4160708.78	HOTEL_63	0.70
558046.094160480.12	558046.09	4160480.12	557623.484160688.78	557623.48	4160688.78	HOTEL_64	0.73
558046.094160490.12	558046.09	4160490.12	557623.484160698.78	557623.48	4160698.78	HOTEL_65	0.73
558046.094160500.12	558046.09	4160500.12	557623.484160708.78	557623.48	4160708.78	HOTEL_66	0.73

Cancer Risk
worker - offsite

XY	X	Y	Receptor Type	16<30 Cancer Risk (cases per million) OFFROAD	16<30 Cancer Risk (cases per million) ONROAD	Total Cancer Risk (cases per million)
557996.384160720.52	557996.38	4160720.52	WRKR_1	5.01E-01	6.85E-05	5.01E-01
557996.384160730.52	557996.38	4160730.52	WRKR_2	4.93E-01	6.81E-05	4.93E-01
557996.384160740.52	557996.38	4160740.52	WRKR_3	4.79E-01	6.76E-05	4.79E-01
558006.384160710.52	558006.38	4160710.52	WRKR_4	5.73E-01	7.12E-05	5.73E-01
558006.384160720.52	558006.38	4160720.52	WRKR_5	5.65E-01	7.09E-05	5.65E-01
558006.384160730.52	558006.38	4160730.52	WRKR_6	5.53E-01	7.04E-05	5.53E-01
558006.384160740.52	558006.38	4160740.52	WRKR_7	5.39E-01	7.00E-05	5.39E-01
558016.384160710.52	558016.38	4160710.52	WRKR_8	6.52E-01	7.37E-05	6.52E-01
558016.384160720.52	558016.38	4160720.52	WRKR_9	6.41E-01	7.33E-05	6.41E-01
558016.384160730.52	558016.38	4160730.52	WRKR_10	6.25E-01	7.29E-05	6.25E-01
558016.384160740.52	558016.38	4160740.52	WRKR_11	6.05E-01	7.23E-05	6.05E-01
558026.384160710.52	558026.38	4160710.52	WRKR_12	7.43E-01	7.61E-05	7.43E-01
558026.384160720.52	558026.38	4160720.52	WRKR_13	7.32E-01	7.59E-05	7.32E-01
558026.384160730.52	558026.38	4160730.52	WRKR_14	7.10E-01	7.54E-05	7.10E-01
558026.384160740.52	558026.38	4160740.52	WRKR_15	6.84E-01	7.48E-05	6.84E-01
558277.534160581.24	558277.53	4160581.24	WRKR_16	1.97E+00	3.74E-04	1.97E+00
558277.534160591.24	558277.53	4160591.24	WRKR_17	2.38E+00	3.85E-04	2.38E+00
558287.534160581.24	558287.53	4160581.24	WRKR_18	1.92E+00	4.22E-04	1.92E+00
558287.534160591.24	558287.53	4160591.24	WRKR_19	2.29E+00	4.36E-04	2.29E+00
558297.534160581.24	558297.53	4160581.24	WRKR_20	1.85E+00	4.82E-04	1.85E+00
558297.534160591.24	558297.53	4160591.24	WRKR_21	2.20E+00	5.02E-04	2.20E+00
558307.534160581.24	558307.53	4160581.24	WRKR_22	1.77E+00	5.54E-04	1.77E+00
558307.534160591.24	558307.53	4160591.24	WRKR_23	2.11E+00	5.84E-04	2.11E+00
558317.534160581.24	558317.53	4160581.24	WRKR_24	1.70E+00	6.40E-04	1.70E+00
558317.534160591.24	558317.53	4160591.24	WRKR_25	2.03E+00	6.89E-04	2.03E+00
558327.534160581.24	558327.53	4160581.24	WRKR_26	1.63E+00	7.39E-04	1.63E+00
558327.534160591.24	558327.53	4160591.24	WRKR_27	1.95E+00	8.19E-04	1.95E+00
558337.534160581.24	558337.53	4160581.24	WRKR_28	1.54E+00	8.38E-04	1.54E+00
558101.054160547.13	558101.05	4160547.13	WRKR_29	8.73E-01	1.09E-04	8.73E-01
558101.054160557.13	558101.05	4160557.13	WRKR_30	9.52E-01	1.09E-04	9.52E-01
558111.054160547.13	558111.05	4160547.13	WRKR_31	9.28E-01	1.14E-04	9.29E-01
558111.054160557.13	558111.05	4160557.13	WRKR_32	1.02E+00	1.14E-04	1.02E+00
558111.054160567.13	558111.05	4160567.13	WRKR_33	1.12E+00	1.15E-04	1.12E+00
558121.054160537.13	558121.05	4160537.13	WRKR_34	8.96E-01	1.18E-04	8.96E-01
558121.054160547.13	558121.05	4160547.13	WRKR_35	9.84E-01	1.19E-04	9.84E-01
558121.054160557.13	558121.05	4160557.13	WRKR_36	1.08E+00	1.20E-04	1.08E+00
558121.054160567.13	558121.05	4160567.13	WRKR_37	1.20E+00	1.20E-04	1.20E+00
558121.054160577.13	558121.05	4160577.13	WRKR_38	1.33E+00	1.21E-04	1.33E+00
558121.054160587.13	558121.05	4160587.13	WRKR_39	1.48E+00	1.21E-04	1.48E+00
558131.054160527.13	558131.05	4160527.13	WRKR_40	8.56E-01	1.23E-04	8.56E-01
558131.054160537.13	558131.05	4160537.13	WRKR_41	9.42E-01	1.24E-04	9.42E-01
558131.054160547.13	558131.05	4160547.13	WRKR_42	1.04E+00	1.25E-04	1.04E+00
558131.054160557.13	558131.05	4160557.13	WRKR_43	1.15E+00	1.26E-04	1.15E+00
558131.054160567.13	558131.05	4160567.13	WRKR_44	1.28E+00	1.26E-04	1.28E+00
558131.054160577.13	558131.05	4160577.13	WRKR_45	1.43E+00	1.27E-04	1.43E+00
558131.054160587.13	558131.05	4160587.13	WRKR_46	1.60E+00	1.27E-04	1.60E+00
558131.054160597.13	558131.05	4160597.13	WRKR_47	1.79E+00	1.27E-04	1.79E+00
558141.054160527.13	558141.05	4160527.13	WRKR_48	8.92E-01	1.29E-04	8.92E-01
558141.054160537.13	558141.05	4160537.13	WRKR_49	9.85E-01	1.30E-04	9.86E-01
558141.054160547.13	558141.05	4160547.13	WRKR_50	1.09E+00	1.31E-04	1.09E+00
558141.054160557.13	558141.05	4160557.13	WRKR_51	1.22E+00	1.32E-04	1.22E+00
558141.054160567.13	558141.05	4160567.13	WRKR_52	1.36E+00	1.33E-04	1.36E+00
558141.054160577.13	558141.05	4160577.13	WRKR_53	1.53E+00	1.34E-04	1.53E+00
558141.054160587.13	558141.05	4160587.13	WRKR_54	1.72E+00	1.34E-04	1.72E+00
558141.054160597.13	558141.05	4160597.13	WRKR_55	1.94E+00	1.34E-04	1.94E+00
558141.054160607.13	558141.05	4160607.13	WRKR_56	2.19E+00	1.34E-04	2.19E+00

CONSTRUCTION ONLY
Worker Cancer Risk

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

XY	X	Y	GROUP	Cancer Risk
557996.38416072	557996.38	4160720.52	WRKR_1	0.50
557996.38416073	557996.38	4160730.52	WRKR_2	0.49
557996.38416074	557996.38	4160740.52	WRKR_3	0.48
558006.38416071	558006.38	4160710.52	WRKR_4	0.57
558006.38416072	558006.38	4160720.52	WRKR_5	0.57
558006.38416073	558006.38	4160730.52	WRKR_6	0.55
558006.38416074	558006.38	4160740.52	WRKR_7	0.54
558016.38416071	558016.38	4160710.52	WRKR_8	0.65
558016.38416072	558016.38	4160720.52	WRKR_9	0.64
558016.38416073	558016.38	4160730.52	WRKR_10	0.62
558016.38416074	558016.38	4160740.52	WRKR_11	0.60
558026.38416071	558026.38	4160710.52	WRKR_12	0.74
558026.38416072	558026.38	4160720.52	WRKR_13	0.73
558026.38416073	558026.38	4160730.52	WRKR_14	0.71
558026.38416074	558026.38	4160740.52	WRKR_15	0.68
558277.53416058	558277.53	4160581.24	WRKR_16	1.97
558277.53416059	558277.53	4160591.24	WRKR_17	2.38
558287.53416058	558287.53	4160581.24	WRKR_18	1.92
558287.53416059	558287.53	4160591.24	WRKR_19	2.29
558297.53416058	558297.53	4160581.24	WRKR_20	1.85
558297.53416059	558297.53	4160591.24	WRKR_21	2.20
558307.53416058	558307.53	4160581.24	WRKR_22	1.77
558307.53416059	558307.53	4160591.24	WRKR_23	2.11
558317.53416058	558317.53	4160581.24	WRKR_24	1.70
558317.53416059	558317.53	4160591.24	WRKR_25	2.03
558327.53416058	558327.53	4160581.24	WRKR_26	1.63
558327.53416059	558327.53	4160591.24	WRKR_27	1.95
558337.53416058	558337.53	4160581.24	WRKR_28	1.54
558101.05416054	558101.05	4160547.13	WRKR_29	0.87
558101.05416055	558101.05	4160557.13	WRKR_30	0.95
558111.05416054	558111.05	4160547.13	WRKR_31	0.93
558111.05416055	558111.05	4160557.13	WRKR_32	1.02
558111.05416056	558111.05	4160567.13	WRKR_33	1.12
558121.05416053	558121.05	4160537.13	WRKR_34	0.90
558121.05416054	558121.05	4160547.13	WRKR_35	0.98
558121.05416055	558121.05	4160557.13	WRKR_36	1.08
558121.05416056	558121.05	4160567.13	WRKR_37	1.20
558121.05416057	558121.05	4160577.13	WRKR_38	1.33
558121.05416058	558121.05	4160587.13	WRKR_39	1.48
558131.05416052	558131.05	4160527.13	WRKR_40	0.86
558131.05416053	558131.05	4160537.13	WRKR_41	0.94
558131.05416054	558131.05	4160547.13	WRKR_42	1.04
558131.05416055	558131.05	4160557.13	WRKR_43	1.15
558131.05416056	558131.05	4160567.13	WRKR_44	1.28
558131.05416057	558131.05	4160577.13	WRKR_45	1.43
558131.05416058	558131.05	4160587.13	WRKR_46	1.60
558131.05416059	558131.05	4160597.13	WRKR_47	1.79
558141.05416052	558141.05	4160527.13	WRKR_48	0.89
558141.05416053	558141.05	4160537.13	WRKR_49	0.99
558141.05416054	558141.05	4160547.13	WRKR_50	1.09
558141.05416055	558141.05	4160557.13	WRKR_51	1.22
558141.05416056	558141.05	4160567.13	WRKR_52	1.36
558141.05416057	558141.05	4160577.13	WRKR_53	1.53
558141.05416058	558141.05	4160587.13	WRKR_54	1.72
558141.05416059	558141.05	4160597.13	WRKR_55	1.94
558141.05416060	558141.05	4160607.13	WRKR_56	2.19

Cancer Risk
worker - offsite

XY	X	Y	Receptor Type	16<30 Cancer Risk (cases per million) OFFROAD	16<30 Cancer Risk (cases per million) ONROAD	Total Cancer Risk (cases per million)
558151.054160537.13	558151.05	4160537.13	WRKR_57	1.03E+00	1.37E-04	1.03E+00
558151.054160547.13	558151.05	4160547.13	WRKR_58	1.15E+00	1.38E-04	1.15E+00
558151.054160557.13	558151.05	4160557.13	WRKR_59	1.28E+00	1.39E-04	1.28E+00
558151.054160567.13	558151.05	4160567.13	WRKR_60	1.45E+00	1.40E-04	1.45E+00
558151.054160577.13	558151.05	4160577.13	WRKR_61	1.64E+00	1.41E-04	1.64E+00
558151.054160587.13	558151.05	4160587.13	WRKR_62	1.85E+00	1.41E-04	1.85E+00
558151.054160597.13	558151.05	4160597.13	WRKR_63	2.12E+00	1.42E-04	2.12E+00
558151.054160607.13	558151.05	4160607.13	WRKR_64	2.43E+00	1.42E-04	2.43E+00
558151.054160617.13	558151.05	4160617.13	WRKR_65	2.78E+00	1.41E-04	2.78E+00
558161.054160547.13	558161.05	4160547.13	WRKR_66	1.20E+00	1.46E-04	1.21E+00
558161.054160557.13	558161.05	4160557.13	WRKR_67	1.35E+00	1.47E-04	1.35E+00
558161.054160567.13	558161.05	4160567.13	WRKR_68	1.53E+00	1.48E-04	1.53E+00
558161.054160577.13	558161.05	4160577.13	WRKR_69	1.74E+00	1.49E-04	1.74E+00
558161.054160587.13	558161.05	4160587.13	WRKR_70	1.99E+00	1.50E-04	1.99E+00
558161.054160597.13	558161.05	4160597.13	WRKR_71	2.33E+00	1.50E-04	2.33E+00
558161.054160607.13	558161.05	4160607.13	WRKR_72	2.66E+00	1.50E-04	2.66E+00
558171.054160557.13	558171.05	4160557.13	WRKR_73	1.43E+00	1.56E-04	1.43E+00
558171.054160567.13	558171.05	4160567.13	WRKR_74	1.61E+00	1.57E-04	1.61E+00
558171.054160577.13	558171.05	4160577.13	WRKR_75	1.85E+00	1.58E-04	1.85E+00
558171.054160587.13	558171.05	4160587.13	WRKR_76	2.13E+00	1.59E-04	2.13E+00
558171.054160597.13	558171.05	4160597.13	WRKR_77	2.52E+00	1.59E-04	2.52E+00
558181.054160567.13	558181.05	4160567.13	WRKR_78	1.70E+00	1.67E-04	1.70E+00
558181.054160577.13	558181.05	4160577.13	WRKR_79	1.95E+00	1.68E-04	1.95E+00
558181.054160587.13	558181.05	4160587.13	WRKR_80	2.27E+00	1.69E-04	2.27E+00
558191.054160577.13	558191.05	4160577.13	WRKR_81	2.04E+00	1.78E-04	2.04E+00
558368.544160582.33	558368.54	4160582.33	WRKR_82	1.36E+00	1.17E-03	1.36E+00
558378.544160582.33	558378.54	4160582.33	WRKR_83	1.29E+00	1.23E-03	1.29E+00
558378.544160592.33	558378.54	4160592.33	WRKR_84	1.46E+00	1.50E-03	1.46E+00
558378.544160602.33	558378.54	4160602.33	WRKR_85	1.64E+00	1.83E-03	1.64E+00
558378.544160612.33	558378.54	4160612.33	WRKR_86	1.91E+00	2.46E-03	1.92E+00
558388.544160582.33	558388.54	4160582.33	WRKR_87	1.20E+00	1.29E-03	1.21E+00
558388.544160592.33	558388.54	4160592.33	WRKR_88	1.35E+00	1.58E-03	1.35E+00
558388.544160602.33	558388.54	4160602.33	WRKR_89	1.51E+00	1.95E-03	1.52E+00
558388.544160612.33	558388.54	4160612.33	WRKR_90	1.76E+00	1.73E-03	1.76E+00
558398.544160582.33	558398.54	4160582.33	WRKR_91	1.11E+00	1.36E-03	1.11E+00
558398.544160592.33	558398.54	4160592.33	WRKR_92	1.24E+00	1.64E-03	1.24E+00
558398.544160602.33	558398.54	4160602.33	WRKR_93	1.40E+00	2.06E-03	1.40E+00
558398.544160612.33	558398.54	4160612.33	WRKR_94	1.61E+00	1.92E-03	1.61E+00
558186.784160496.28	558186.78	4160496.28	WRKR_95	6.81E-01	1.58E-04	6.81E-01
558186.784160506.28	558186.78	4160506.28	WRKR_96	7.48E-01	1.59E-04	7.48E-01
558196.784160496.28	558196.78	4160496.28	WRKR_97	6.82E-01	1.68E-04	6.82E-01
558196.784160506.28	558196.78	4160506.28	WRKR_98	7.47E-01	1.69E-04	7.47E-01
558196.784160516.28	558196.78	4160516.28	WRKR_99	8.29E-01	1.71E-04	8.29E-01
558196.784160526.28	558196.78	4160526.28	WRKR_100	9.40E-01	1.73E-04	9.41E-01
558206.784160506.28	558206.78	4160506.28	WRKR_101	7.45E-01	1.81E-04	7.45E-01
558206.784160516.28	558206.78	4160516.28	WRKR_102	8.30E-01	1.83E-04	8.30E-01
558206.784160526.28	558206.78	4160526.28	WRKR_103	9.31E-01	1.85E-04	9.31E-01
558206.784160536.28	558206.78	4160536.28	WRKR_104	1.06E+00	1.88E-04	1.06E+00
558216.784160516.28	558216.78	4160516.28	WRKR_105	8.23E-01	1.96E-04	8.24E-01
558216.784160526.28	558216.78	4160526.28	WRKR_106	9.22E-01	1.99E-04	9.22E-01
558216.784160536.28	558216.78	4160536.28	WRKR_107	1.04E+00	2.01E-04	1.04E+00
558216.784160546.28	558216.78	4160546.28	WRKR_108	1.19E+00	2.04E-04	1.19E+00
558226.784160526.28	558226.78	4160526.28	WRKR_109	9.09E-01	2.13E-04	9.09E-01
558226.784160536.28	558226.78	4160536.28	WRKR_110	1.03E+00	2.16E-04	1.03E+00
558226.784160546.28	558226.78	4160546.28	WRKR_111	1.18E+00	2.20E-04	1.18E+00
558236.784160536.28	558236.78	4160536.28	WRKR_112	1.00E+00	2.33E-04	1.00E+00

MAX HERE

CONSTRUCTION ONLY
Worker Cancer Risk

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

XY	X	Y	GROUP	Cancer Risk
558151.05416053	558151.05	4160537.13	WRKR_57	1.03
558151.05416054	558151.05	4160547.13	WRKR_58	1.15
558151.05416055	558151.05	4160557.13	WRKR_59	1.28
558151.05416056	558151.05	4160567.13	WRKR_60	1.45
558151.05416057	558151.05	4160577.13	WRKR_61	1.64
558151.05416058	558151.05	4160587.13	WRKR_62	1.85
558151.05416059	558151.05	4160597.13	WRKR_63	2.12
558151.05416060	558151.05	4160607.13	WRKR_64	2.43
558151.05416061	558151.05	4160617.13	WRKR_65	2.78
558161.05416054	558161.05	4160547.13	WRKR_66	1.21
558161.05416055	558161.05	4160557.13	WRKR_67	1.35
558161.05416056	558161.05	4160567.13	WRKR_68	1.53
558161.05416057	558161.05	4160577.13	WRKR_69	1.74
558161.05416058	558161.05	4160587.13	WRKR_70	1.99
558161.05416059	558161.05	4160597.13	WRKR_71	2.33
558161.05416060	558161.05	4160607.13	WRKR_72	2.66
558171.05416055	558171.05	4160557.13	WRKR_73	1.43
558171.05416056	558171.05	4160567.13	WRKR_74	1.61
558171.05416057	558171.05	4160577.13	WRKR_75	1.85
558171.05416058	558171.05	4160587.13	WRKR_76	2.13
558171.05416059	558171.05	4160597.13	WRKR_77	2.52
558181.05416056	558181.05	4160567.13	WRKR_78	1.70
558181.05416057	558181.05	4160577.13	WRKR_79	1.95
558181.05416058	558181.05	4160587.13	WRKR_80	2.27
558191.05416057	558191.05	4160577.13	WRKR_81	2.04
558368.54416058	558368.54	4160582.33	WRKR_82	1.36
558378.54416058	558378.54	4160582.33	WRKR_83	1.29
558378.54416059	558378.54	4160592.33	WRKR_84	1.46
558378.54416060	558378.54	4160602.33	WRKR_85	1.64
558378.54416061	558378.54	4160612.33	WRKR_86	1.92
558388.54416058	558388.54	4160582.33	WRKR_87	1.21
558388.54416059	558388.54	4160592.33	WRKR_88	1.35
558388.54416060	558388.54	4160602.33	WRKR_89	1.52
558388.54416061	558388.54	4160612.33	WRKR_90	1.76
558398.54416058	558398.54	4160582.33	WRKR_91	1.11
558398.54416059	558398.54	4160592.33	WRKR_92	1.24
558398.54416060	558398.54	4160602.33	WRKR_93	1.40
558398.54416061	558398.54	4160612.33	WRKR_94	1.61
558186.78416049	558186.78	4160496.28	WRKR_95	0.68
558186.78416050	558186.78	4160506.28	WRKR_96	0.75
558196.78416049	558196.78	4160496.28	WRKR_97	0.68
558196.78416050	558196.78	4160506.28	WRKR_98	0.75
558196.78416051	558196.78	4160516.28	WRKR_99	0.83
558196.78416052	558196.78	4160526.28	WRKR_100	0.94
558206.78416050	558206.78	4160506.28	WRKR_101	0.75
558206.78416051	558206.78	4160516.28	WRKR_102	0.83
558206.78416052	558206.78	4160526.28	WRKR_103	0.93
558206.78416053	558206.78	4160536.28	WRKR_104	1.06
558216.78416051	558216.78	4160516.28	WRKR_105	0.82
558216.78416052	558216.78	4160526.28	WRKR_106	0.92
558216.78416053	558216.78	4160536.28	WRKR_107	1.04
558216.78416054	558216.78	4160546.28	WRKR_108	1.19
558226.78416052	558226.78	4160526.28	WRKR_109	0.91
558226.78416053	558226.78	4160536.28	WRKR_110	1.03
558226.78416054	558226.78	4160546.28	WRKR_111	1.18
558236.78416053	558236.78	4160536.28	WRKR_112	1.00

Cancer Risk
worker - offsite

XY	X	Y	Receptor Type	16<30 Cancer Risk (cases per million) OFFROAD	16<30 Cancer Risk (cases per million) ONROAD	Total Cancer Risk (cases per million)
558115.174160402.59	558115.17	4160402.59	WRKR_113	3.15E-01	1.01E-04	3.15E-01
558115.174160412.59	558115.17	4160412.59	WRKR_114	3.36E-01	1.03E-04	3.37E-01
558115.174160422.59	558115.17	4160422.59	WRKR_115	3.60E-01	1.04E-04	3.60E-01
558115.174160432.59	558115.17	4160432.59	WRKR_116	3.85E-01	1.05E-04	3.85E-01
558115.174160442.59	558115.17	4160442.59	WRKR_117	4.13E-01	1.06E-04	4.13E-01
558125.174160392.59	558125.17	4160392.59	WRKR_118	2.98E-01	1.05E-04	2.98E-01
558125.174160402.59	558125.17	4160402.59	WRKR_119	3.18E-01	1.06E-04	3.19E-01
558125.174160412.59	558125.17	4160412.59	WRKR_120	3.41E-01	1.07E-04	3.41E-01
558125.174160422.59	558125.17	4160422.59	WRKR_121	3.65E-01	1.08E-04	3.65E-01
558125.174160432.59	558125.17	4160432.59	WRKR_122	3.91E-01	1.09E-04	3.91E-01
558125.174160442.59	558125.17	4160442.59	WRKR_123	4.20E-01	1.10E-04	4.20E-01
558135.174160372.59	558135.17	4160372.59	WRKR_124	2.64E-01	1.06E-04	2.64E-01
558135.174160382.59	558135.17	4160382.59	WRKR_125	2.81E-01	1.08E-04	2.81E-01
558135.174160392.59	558135.17	4160392.59	WRKR_126	3.00E-01	1.09E-04	3.00E-01
558135.174160402.59	558135.17	4160402.59	WRKR_127	3.21E-01	1.10E-04	3.21E-01
558135.174160412.59	558135.17	4160412.59	WRKR_128	3.43E-01	1.12E-04	3.44E-01
558135.174160422.59	558135.17	4160422.59	WRKR_129	3.68E-01	1.13E-04	3.68E-01
558135.174160432.59	558135.17	4160432.59	WRKR_130	3.96E-01	1.14E-04	3.96E-01
558135.174160442.59	558135.17	4160442.59	WRKR_131	4.26E-01	1.15E-04	4.26E-01
558145.174160372.59	558145.17	4160372.59	WRKR_132	2.64E-01	1.11E-04	2.64E-01
558145.174160382.59	558145.17	4160382.59	WRKR_133	2.81E-01	1.12E-04	2.81E-01
558145.174160392.59	558145.17	4160392.59	WRKR_134	3.01E-01	1.14E-04	3.01E-01
558145.174160402.59	558145.17	4160402.59	WRKR_135	3.22E-01	1.15E-04	3.22E-01
558145.174160412.59	558145.17	4160412.59	WRKR_136	3.45E-01	1.16E-04	3.45E-01
558145.174160422.59	558145.17	4160422.59	WRKR_137	3.71E-01	1.18E-04	3.71E-01
558145.174160432.59	558145.17	4160432.59	WRKR_138	3.99E-01	1.19E-04	3.99E-01
558145.174160442.59	558145.17	4160442.59	WRKR_139	4.30E-01	1.21E-04	4.30E-01
558155.174160372.59	558155.17	4160372.59	WRKR_140	2.63E-01	1.15E-04	2.63E-01
558155.174160382.59	558155.17	4160382.59	WRKR_141	2.80E-01	1.17E-04	2.81E-01
558155.174160392.59	558155.17	4160392.59	WRKR_142	3.00E-01	1.18E-04	3.00E-01
558155.174160402.59	558155.17	4160402.59	WRKR_143	3.21E-01	1.20E-04	3.21E-01
558155.174160412.59	558155.17	4160412.59	WRKR_144	3.45E-01	1.22E-04	3.45E-01
558155.174160422.59	558155.17	4160422.59	WRKR_145	3.71E-01	1.23E-04	3.71E-01
558155.174160432.59	558155.17	4160432.59	WRKR_146	4.00E-01	1.25E-04	4.00E-01
558155.174160442.59	558155.17	4160442.59	WRKR_147	4.32E-01	1.27E-04	4.32E-01
558165.174160362.59	558165.17	4160362.59	WRKR_148	2.45E-01	1.18E-04	2.45E-01
558165.174160372.59	558165.17	4160372.59	WRKR_149	2.61E-01	1.20E-04	2.61E-01
558165.174160382.59	558165.17	4160382.59	WRKR_150	2.79E-01	1.22E-04	2.79E-01
558165.174160392.59	558165.17	4160392.59	WRKR_151	2.98E-01	1.24E-04	2.98E-01
558165.174160402.59	558165.17	4160402.59	WRKR_152	3.20E-01	1.26E-04	3.20E-01
558165.174160412.59	558165.17	4160412.59	WRKR_153	3.44E-01	1.27E-04	3.44E-01
558165.174160422.59	558165.17	4160422.59	WRKR_154	3.70E-01	1.29E-04	3.70E-01
558165.174160432.59	558165.17	4160432.59	WRKR_155	4.00E-01	1.31E-04	4.00E-01
558175.174160362.59	558175.17	4160362.59	WRKR_156	2.42E-01	1.23E-04	2.42E-01
558175.174160372.59	558175.17	4160372.59	WRKR_157	2.58E-01	1.25E-04	2.58E-01
558175.174160382.59	558175.17	4160382.59	WRKR_158	2.76E-01	1.27E-04	2.76E-01
558175.174160392.59	558175.17	4160392.59	WRKR_159	2.95E-01	1.29E-04	2.95E-01
558175.174160402.59	558175.17	4160402.59	WRKR_160	3.17E-01	1.31E-04	3.17E-01
558175.174160412.59	558175.17	4160412.59	WRKR_161	3.41E-01	1.33E-04	3.41E-01
558175.174160422.59	558175.17	4160422.59	WRKR_162	3.68E-01	1.35E-04	3.68E-01
558185.174160362.59	558185.17	4160362.59	WRKR_163	2.38E-01	1.29E-04	2.39E-01
558185.174160372.59	558185.17	4160372.59	WRKR_164	2.54E-01	1.31E-04	2.55E-01
558185.174160382.59	558185.17	4160382.59	WRKR_165	2.72E-01	1.33E-04	2.72E-01
558185.174160392.59	558185.17	4160392.59	WRKR_166	2.91E-01	1.35E-04	2.92E-01
558185.174160402.59	558185.17	4160402.59	WRKR_167	3.13E-01	1.38E-04	3.13E-01
558185.174160412.59	558185.17	4160412.59	WRKR_168	3.37E-01	1.40E-04	3.37E-01

CONSTRUCTION ONLY
Worker Cancer Risk

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

XY	X	Y	GROUP	Cancer Risk
558115.17416040	558115.17	4160402.59	WRKR_113	0.32
558115.17416041	558115.17	4160412.59	WRKR_114	0.34
558115.17416042	558115.17	4160422.59	WRKR_115	0.36
558115.17416043	558115.17	4160432.59	WRKR_116	0.39
558115.17416044	558115.17	4160442.59	WRKR_117	0.41
558125.17416039	558125.17	4160392.59	WRKR_118	0.30
558125.17416040	558125.17	4160402.59	WRKR_119	0.32
558125.17416041	558125.17	4160412.59	WRKR_120	0.34
558125.17416042	558125.17	4160422.59	WRKR_121	0.36
558125.17416043	558125.17	4160432.59	WRKR_122	0.39
558125.17416044	558125.17	4160442.59	WRKR_123	0.42
558135.17416037	558135.17	4160372.59	WRKR_124	0.26
558135.17416038	558135.17	4160382.59	WRKR_125	0.28
558135.17416039	558135.17	4160392.59	WRKR_126	0.30
558135.17416040	558135.17	4160402.59	WRKR_127	0.32
558135.17416041	558135.17	4160412.59	WRKR_128	0.34
558135.17416042	558135.17	4160422.59	WRKR_129	0.37
558135.17416043	558135.17	4160432.59	WRKR_130	0.40
558135.17416044	558135.17	4160442.59	WRKR_131	0.43
558145.17416037	558145.17	4160372.59	WRKR_132	0.26
558145.17416038	558145.17	4160382.59	WRKR_133	0.28
558145.17416039	558145.17	4160392.59	WRKR_134	0.30
558145.17416040	558145.17	4160402.59	WRKR_135	0.32
558145.17416041	558145.17	4160412.59	WRKR_136	0.35
558145.17416042	558145.17	4160422.59	WRKR_137	0.37
558145.17416043	558145.17	4160432.59	WRKR_138	0.40
558145.17416044	558145.17	4160442.59	WRKR_139	0.43
558155.17416037	558155.17	4160372.59	WRKR_140	0.26
558155.17416038	558155.17	4160382.59	WRKR_141	0.28
558155.17416039	558155.17	4160392.59	WRKR_142	0.30
558155.17416040	558155.17	4160402.59	WRKR_143	0.32
558155.17416041	558155.17	4160412.59	WRKR_144	0.35
558155.17416042	558155.17	4160422.59	WRKR_145	0.37
558155.17416043	558155.17	4160432.59	WRKR_146	0.40
558155.17416044	558155.17	4160442.59	WRKR_147	0.43
558165.17416036	558165.17	4160362.59	WRKR_148	0.24
558165.17416037	558165.17	4160372.59	WRKR_149	0.26
558165.17416038	558165.17	4160382.59	WRKR_150	0.28
558165.17416039	558165.17	4160392.59	WRKR_151	0.30
558165.17416040	558165.17	4160402.59	WRKR_152	0.32
558165.17416041	558165.17	4160412.59	WRKR_153	0.34
558165.17416042	558165.17	4160422.59	WRKR_154	0.37
558165.17416043	558165.17	4160432.59	WRKR_155	0.40
558175.17416036	558175.17	4160362.59	WRKR_156	0.24
558175.17416037	558175.17	4160372.59	WRKR_157	0.26
558175.17416038	558175.17	4160382.59	WRKR_158	0.28
558175.17416039	558175.17	4160392.59	WRKR_159	0.30
558175.17416040	558175.17	4160402.59	WRKR_160	0.32
558175.17416041	558175.17	4160412.59	WRKR_161	0.34
558175.17416042	558175.17	4160422.59	WRKR_162	0.37
558185.17416036	558185.17	4160362.59	WRKR_163	0.24
558185.17416037	558185.17	4160372.59	WRKR_164	0.25
558185.17416038	558185.17	4160382.59	WRKR_165	0.27
558185.17416039	558185.17	4160392.59	WRKR_166	0.29
558185.17416040	558185.17	4160402.59	WRKR_167	0.31
558185.17416041	558185.17	4160412.59	WRKR_168	0.34

Cancer Risk
worker - offsite

XY	X	Y	Receptor Type	16<30 Cancer Risk (cases per million) OFFROAD	16<30 Cancer Risk (cases per million) ONROAD	Total Cancer Risk (cases per million)
558185.174160422.59	558185.17	4160422.59	WRKR_169	3.63E-01	1.42E-04	3.63E-01
558185.174160432.59	558185.17	4160432.59	WRKR_170	3.93E-01	1.44E-04	3.93E-01
558185.174160442.59	558185.17	4160442.59	WRKR_171	4.25E-01	1.46E-04	4.26E-01
558195.174160362.59	558195.17	4160362.59	WRKR_172	2.35E-01	1.34E-04	2.35E-01
558195.174160372.59	558195.17	4160372.59	WRKR_173	2.50E-01	1.37E-04	2.50E-01
558195.174160382.59	558195.17	4160382.59	WRKR_174	2.68E-01	1.39E-04	2.68E-01
558195.174160392.59	558195.17	4160392.59	WRKR_175	2.87E-01	1.42E-04	2.87E-01
558195.174160402.59	558195.17	4160402.59	WRKR_176	3.08E-01	1.44E-04	3.08E-01
558195.174160412.59	558195.17	4160412.59	WRKR_177	3.32E-01	1.47E-04	3.32E-01
558195.174160422.59	558195.17	4160422.59	WRKR_178	3.58E-01	1.49E-04	3.58E-01
558195.174160432.59	558195.17	4160432.59	WRKR_179	3.87E-01	1.52E-04	3.87E-01
558195.174160442.59	558195.17	4160442.59	WRKR_180	4.19E-01	1.54E-04	4.19E-01
558195.174160452.59	558195.17	4160452.59	WRKR_181	4.54E-01	1.56E-04	4.54E-01
558205.174160362.59	558205.17	4160362.59	WRKR_182	2.30E-01	1.40E-04	2.30E-01
558205.174160372.59	558205.17	4160372.59	WRKR_183	2.45E-01	1.43E-04	2.46E-01
558205.174160382.59	558205.17	4160382.59	WRKR_184	2.63E-01	1.45E-04	2.63E-01
558205.174160392.59	558205.17	4160392.59	WRKR_185	2.81E-01	1.48E-04	2.82E-01
558205.174160402.59	558205.17	4160402.59	WRKR_186	3.02E-01	1.51E-04	3.03E-01
558205.174160412.59	558205.17	4160412.59	WRKR_187	3.25E-01	1.54E-04	3.26E-01
558205.174160422.59	558205.17	4160422.59	WRKR_188	3.51E-01	1.57E-04	3.51E-01
558205.174160432.59	558205.17	4160432.59	WRKR_189	3.80E-01	1.59E-04	3.80E-01
558205.174160442.59	558205.17	4160442.59	WRKR_190	4.12E-01	1.62E-04	4.12E-01
558205.174160452.59	558205.17	4160452.59	WRKR_191	4.46E-01	1.65E-04	4.46E-01
558205.174160462.59	558205.17	4160462.59	WRKR_192	4.86E-01	1.67E-04	4.86E-01
558215.174160362.59	558215.17	4160362.59	WRKR_193	2.25E-01	1.46E-04	2.25E-01
558215.174160372.59	558215.17	4160372.59	WRKR_194	2.40E-01	1.49E-04	2.40E-01
558215.174160382.59	558215.17	4160382.59	WRKR_195	2.57E-01	1.52E-04	2.57E-01
558215.174160392.59	558215.17	4160392.59	WRKR_196	2.75E-01	1.55E-04	2.76E-01
558215.174160402.59	558215.17	4160402.59	WRKR_197	2.96E-01	1.58E-04	2.96E-01
558215.174160412.59	558215.17	4160412.59	WRKR_198	3.19E-01	1.62E-04	3.19E-01
558215.174160422.59	558215.17	4160422.59	WRKR_199	3.43E-01	1.65E-04	3.43E-01
558215.174160432.59	558215.17	4160432.59	WRKR_200	3.71E-01	1.68E-04	3.71E-01
558215.174160442.59	558215.17	4160442.59	WRKR_201	4.03E-01	1.71E-04	4.03E-01
558215.174160452.59	558215.17	4160452.59	WRKR_202	4.38E-01	1.74E-04	4.39E-01
558215.174160462.59	558215.17	4160462.59	WRKR_203	4.76E-01	1.77E-04	4.76E-01
558215.174160472.59	558215.17	4160472.59	WRKR_204	5.21E-01	1.80E-04	5.21E-01
558225.174160362.59	558225.17	4160362.59	WRKR_205	2.20E-01	1.53E-04	2.20E-01
558225.174160372.59	558225.17	4160372.59	WRKR_206	2.35E-01	1.56E-04	2.35E-01
558225.174160382.59	558225.17	4160382.59	WRKR_207	2.51E-01	1.59E-04	2.51E-01
558225.174160392.59	558225.17	4160392.59	WRKR_208	2.69E-01	1.63E-04	2.69E-01
558225.174160402.59	558225.17	4160402.59	WRKR_209	2.89E-01	1.66E-04	2.89E-01
558225.174160412.59	558225.17	4160412.59	WRKR_210	3.11E-01	1.69E-04	3.11E-01
558225.174160422.59	558225.17	4160422.59	WRKR_211	3.35E-01	1.73E-04	3.35E-01
558225.174160432.59	558225.17	4160432.59	WRKR_212	3.62E-01	1.77E-04	3.62E-01
558225.174160442.59	558225.17	4160442.59	WRKR_213	3.93E-01	1.80E-04	3.93E-01
558225.174160452.59	558225.17	4160452.59	WRKR_214	4.27E-01	1.84E-04	4.27E-01
558225.174160462.59	558225.17	4160462.59	WRKR_215	4.66E-01	1.88E-04	4.66E-01
558225.174160472.59	558225.17	4160472.59	WRKR_216	5.09E-01	1.91E-04	5.10E-01
558225.174160482.59	558225.17	4160482.59	WRKR_217	5.58E-01	1.95E-04	5.59E-01
558235.174160362.59	558235.17	4160362.59	WRKR_218	2.15E-01	1.59E-04	2.15E-01
558235.174160372.59	558235.17	4160372.59	WRKR_219	2.29E-01	1.63E-04	2.29E-01
558235.174160382.59	558235.17	4160382.59	WRKR_220	2.45E-01	1.67E-04	2.45E-01
558235.174160392.59	558235.17	4160392.59	WRKR_221	2.62E-01	1.70E-04	2.62E-01
558235.174160402.59	558235.17	4160402.59	WRKR_222	2.81E-01	1.74E-04	2.82E-01
558235.174160412.59	558235.17	4160412.59	WRKR_223	3.03E-01	1.78E-04	3.03E-01
558235.174160422.59	558235.17	4160422.59	WRKR_224	3.26E-01	1.82E-04	3.27E-01

CONSTRUCTION ONLY
Worker Cancer Risk

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

XY	X	Y	GROUP	Cancer Risk
558185.17416042	558185.17	4160422.59	WRKR_169	0.36
558185.17416043	558185.17	4160432.59	WRKR_170	0.39
558185.17416044	558185.17	4160442.59	WRKR_171	0.43
558195.17416036	558195.17	4160362.59	WRKR_172	0.23
558195.17416037	558195.17	4160372.59	WRKR_173	0.25
558195.17416038	558195.17	4160382.59	WRKR_174	0.27
558195.17416039	558195.17	4160392.59	WRKR_175	0.29
558195.17416040	558195.17	4160402.59	WRKR_176	0.31
558195.17416041	558195.17	4160412.59	WRKR_177	0.33
558195.17416042	558195.17	4160422.59	WRKR_178	0.36
558195.17416043	558195.17	4160432.59	WRKR_179	0.39
558195.17416044	558195.17	4160442.59	WRKR_180	0.42
558195.17416045	558195.17	4160452.59	WRKR_181	0.45
558205.17416036	558205.17	4160362.59	WRKR_182	0.23
558205.17416037	558205.17	4160372.59	WRKR_183	0.25
558205.17416038	558205.17	4160382.59	WRKR_184	0.26
558205.17416039	558205.17	4160392.59	WRKR_185	0.28
558205.17416040	558205.17	4160402.59	WRKR_186	0.30
558205.17416041	558205.17	4160412.59	WRKR_187	0.33
558205.17416042	558205.17	4160422.59	WRKR_188	0.35
558205.17416043	558205.17	4160432.59	WRKR_189	0.38
558205.17416044	558205.17	4160442.59	WRKR_190	0.41
558205.17416045	558205.17	4160452.59	WRKR_191	0.45
558205.17416046	558205.17	4160462.59	WRKR_192	0.49
558215.17416036	558215.17	4160362.59	WRKR_193	0.23
558215.17416037	558215.17	4160372.59	WRKR_194	0.24
558215.17416038	558215.17	4160382.59	WRKR_195	0.26
558215.17416039	558215.17	4160392.59	WRKR_196	0.28
558215.17416040	558215.17	4160402.59	WRKR_197	0.30
558215.17416041	558215.17	4160412.59	WRKR_198	0.32
558215.17416042	558215.17	4160422.59	WRKR_199	0.34
558215.17416043	558215.17	4160432.59	WRKR_200	0.37
558215.17416044	558215.17	4160442.59	WRKR_201	0.40
558215.17416045	558215.17	4160452.59	WRKR_202	0.44
558215.17416046	558215.17	4160462.59	WRKR_203	0.48
558215.17416047	558215.17	4160472.59	WRKR_204	0.52
558225.17416036	558225.17	4160362.59	WRKR_205	0.22
558225.17416037	558225.17	4160372.59	WRKR_206	0.23
558225.17416038	558225.17	4160382.59	WRKR_207	0.25
558225.17416039	558225.17	4160392.59	WRKR_208	0.27
558225.17416040	558225.17	4160402.59	WRKR_209	0.29
558225.17416041	558225.17	4160412.59	WRKR_210	0.31
558225.17416042	558225.17	4160422.59	WRKR_211	0.34
558225.17416043	558225.17	4160432.59	WRKR_212	0.36
558225.17416044	558225.17	4160442.59	WRKR_213	0.39
558225.17416045	558225.17	4160452.59	WRKR_214	0.43
558225.17416046	558225.17	4160462.59	WRKR_215	0.47
558225.17416047	558225.17	4160472.59	WRKR_216	0.51
558225.17416048	558225.17	4160482.59	WRKR_217	0.56
558235.17416036	558235.17	4160362.59	WRKR_218	0.21
558235.17416037	558235.17	4160372.59	WRKR_219	0.23
558235.17416038	558235.17	4160382.59	WRKR_220	0.24
558235.17416039	558235.17	4160392.59	WRKR_221	0.26
558235.17416040	558235.17	4160402.59	WRKR_222	0.28
558235.17416041	558235.17	4160412.59	WRKR_223	0.30
558235.17416042	558235.17	4160422.59	WRKR_224	0.33

Cancer Risk
worker - offsite

XY	X	Y	Receptor Type	16<30 Cancer Risk (cases per million) OFFROAD	16<30 Cancer Risk (cases per million) ONROAD	Total Cancer Risk (cases per million)
558235.174160432.59	558235.17	4160432.59	WRKR_225	3.53E-01	1.86E-04	3.53E-01
558235.174160442.59	558235.17	4160442.59	WRKR_226	3.82E-01	1.90E-04	3.82E-01
558235.174160452.59	558235.17	4160452.59	WRKR_227	4.16E-01	1.94E-04	4.16E-01
558235.174160462.59	558235.17	4160462.59	WRKR_228	4.54E-01	1.99E-04	4.54E-01
558235.174160472.59	558235.17	4160472.59	WRKR_229	4.97E-01	2.03E-04	4.98E-01
558235.174160482.59	558235.17	4160482.59	WRKR_230	5.45E-01	2.07E-04	5.45E-01
558235.174160492.59	558235.17	4160492.59	WRKR_231	5.99E-01	2.11E-04	6.00E-01
558245.174160362.59	558245.17	4160362.59	WRKR_232	2.09E-01	1.66E-04	2.09E-01
558245.174160372.59	558245.17	4160372.59	WRKR_233	2.23E-01	1.70E-04	2.23E-01
558245.174160382.59	558245.17	4160382.59	WRKR_234	2.38E-01	1.74E-04	2.38E-01
558245.174160392.59	558245.17	4160392.59	WRKR_235	2.55E-01	1.78E-04	2.55E-01
558245.174160402.59	558245.17	4160402.59	WRKR_236	2.74E-01	1.83E-04	2.74E-01
558245.174160412.59	558245.17	4160412.59	WRKR_237	2.94E-01	1.87E-04	2.95E-01
558245.174160422.59	558245.17	4160422.59	WRKR_238	3.17E-01	1.91E-04	3.17E-01
558245.174160432.59	558245.17	4160432.59	WRKR_239	3.43E-01	1.96E-04	3.43E-01
558245.174160442.59	558245.17	4160442.59	WRKR_240	3.71E-01	2.01E-04	3.72E-01
558245.174160452.59	558245.17	4160452.59	WRKR_241	4.04E-01	2.06E-04	4.04E-01
558245.174160462.59	558245.17	4160462.59	WRKR_242	4.41E-01	2.11E-04	4.41E-01
558245.174160472.59	558245.17	4160472.59	WRKR_243	4.83E-01	2.16E-04	4.83E-01
558245.174160482.59	558245.17	4160482.59	WRKR_244	5.31E-01	2.21E-04	5.31E-01
558245.174160492.59	558245.17	4160492.59	WRKR_245	5.85E-01	2.26E-04	5.85E-01
558245.174160502.59	558245.17	4160502.59	WRKR_246	6.46E-01	2.30E-04	6.46E-01
558255.174160362.59	558255.17	4160362.59	WRKR_247	2.03E-01	1.73E-04	2.03E-01
558255.174160372.59	558255.17	4160372.59	WRKR_248	2.17E-01	1.78E-04	2.17E-01
558255.174160382.59	558255.17	4160382.59	WRKR_249	2.31E-01	1.82E-04	2.32E-01
558255.174160392.59	558255.17	4160392.59	WRKR_250	2.48E-01	1.87E-04	2.48E-01
558255.174160402.59	558255.17	4160402.59	WRKR_251	2.66E-01	1.92E-04	2.66E-01
558255.174160412.59	558255.17	4160412.59	WRKR_252	2.86E-01	1.97E-04	2.86E-01
558255.174160422.59	558255.17	4160422.59	WRKR_253	3.08E-01	2.02E-04	3.08E-01
558255.174160432.59	558255.17	4160432.59	WRKR_254	3.33E-01	2.07E-04	3.33E-01
558255.174160442.59	558255.17	4160442.59	WRKR_255	3.61E-01	2.12E-04	3.61E-01
558255.174160452.59	558255.17	4160452.59	WRKR_256	3.92E-01	2.18E-04	3.92E-01
558255.174160462.59	558255.17	4160462.59	WRKR_257	4.28E-01	2.23E-04	4.28E-01
558255.174160472.59	558255.17	4160472.59	WRKR_258	4.68E-01	2.29E-04	4.68E-01
558255.174160482.59	558255.17	4160482.59	WRKR_259	5.15E-01	2.35E-04	5.15E-01
558255.174160492.59	558255.17	4160492.59	WRKR_260	5.69E-01	2.41E-04	5.70E-01
558255.174160502.59	558255.17	4160502.59	WRKR_261	6.29E-01	2.47E-04	6.30E-01
558255.174160512.59	558255.17	4160512.59	WRKR_262	6.99E-01	2.52E-04	6.99E-01
558265.174160362.59	558265.17	4160362.59	WRKR_263	1.97E-01	1.81E-04	1.97E-01
558265.174160372.59	558265.17	4160372.59	WRKR_264	2.10E-01	1.86E-04	2.10E-01
558265.174160382.59	558265.17	4160382.59	WRKR_265	2.25E-01	1.91E-04	2.25E-01
558265.174160392.59	558265.17	4160392.59	WRKR_266	2.40E-01	1.96E-04	2.41E-01
558265.174160402.59	558265.17	4160402.59	WRKR_267	2.58E-01	2.01E-04	2.58E-01
558265.174160412.59	558265.17	4160412.59	WRKR_268	2.77E-01	2.06E-04	2.77E-01
558265.174160422.59	558265.17	4160422.59	WRKR_269	2.99E-01	2.12E-04	2.99E-01
558265.174160432.59	558265.17	4160432.59	WRKR_270	3.23E-01	2.18E-04	3.23E-01
558265.174160442.59	558265.17	4160442.59	WRKR_271	3.50E-01	2.24E-04	3.50E-01
558265.174160452.59	558265.17	4160452.59	WRKR_272	3.80E-01	2.30E-04	3.80E-01
558265.174160462.59	558265.17	4160462.59	WRKR_273	4.14E-01	2.37E-04	4.15E-01
558265.174160472.59	558265.17	4160472.59	WRKR_274	4.54E-01	2.43E-04	4.54E-01
558265.174160482.59	558265.17	4160482.59	WRKR_275	5.00E-01	2.50E-04	5.00E-01
558265.174160492.59	558265.17	4160492.59	WRKR_276	5.53E-01	2.58E-04	5.53E-01
558265.174160502.59	558265.17	4160502.59	WRKR_277	6.15E-01	2.65E-04	6.15E-01
558265.174160512.59	558265.17	4160512.59	WRKR_278	6.84E-01	2.72E-04	6.85E-01
558265.174160522.59	558265.17	4160522.59	WRKR_279	7.67E-01	2.79E-04	7.67E-01
558275.174160362.59	558275.17	4160362.59	WRKR_280	1.91E-01	1.89E-04	1.91E-01

CONSTRUCTION ONLY
Worker Cancer Risk

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

XY	X	Y	GROUP	Cancer Risk
558235.17416043	558235.17	4160432.59	WRKR_225	0.35
558235.17416044	558235.17	4160442.59	WRKR_226	0.38
558235.17416045	558235.17	4160452.59	WRKR_227	0.42
558235.17416046	558235.17	4160462.59	WRKR_228	0.45
558235.17416047	558235.17	4160472.59	WRKR_229	0.50
558235.17416048	558235.17	4160482.59	WRKR_230	0.55
558235.17416049	558235.17	4160492.59	WRKR_231	0.60
558245.17416036	558245.17	4160362.59	WRKR_232	0.21
558245.17416037	558245.17	4160372.59	WRKR_233	0.22
558245.17416038	558245.17	4160382.59	WRKR_234	0.24
558245.17416039	558245.17	4160392.59	WRKR_235	0.26
558245.17416040	558245.17	4160402.59	WRKR_236	0.27
558245.17416041	558245.17	4160412.59	WRKR_237	0.29
558245.17416042	558245.17	4160422.59	WRKR_238	0.32
558245.17416043	558245.17	4160432.59	WRKR_239	0.34
558245.17416044	558245.17	4160442.59	WRKR_240	0.37
558245.17416045	558245.17	4160452.59	WRKR_241	0.40
558245.17416046	558245.17	4160462.59	WRKR_242	0.44
558245.17416047	558245.17	4160472.59	WRKR_243	0.48
558245.17416048	558245.17	4160482.59	WRKR_244	0.53
558245.17416049	558245.17	4160492.59	WRKR_245	0.58
558245.17416050	558245.17	4160502.59	WRKR_246	0.65
558255.17416036	558255.17	4160362.59	WRKR_247	0.20
558255.17416037	558255.17	4160372.59	WRKR_248	0.22
558255.17416038	558255.17	4160382.59	WRKR_249	0.23
558255.17416039	558255.17	4160392.59	WRKR_250	0.25
558255.17416040	558255.17	4160402.59	WRKR_251	0.27
558255.17416041	558255.17	4160412.59	WRKR_252	0.29
558255.17416042	558255.17	4160422.59	WRKR_253	0.31
558255.17416043	558255.17	4160432.59	WRKR_254	0.33
558255.17416044	558255.17	4160442.59	WRKR_255	0.36
558255.17416045	558255.17	4160452.59	WRKR_256	0.39
558255.17416046	558255.17	4160462.59	WRKR_257	0.43
558255.17416047	558255.17	4160472.59	WRKR_258	0.47
558255.17416048	558255.17	4160482.59	WRKR_259	0.52
558255.17416049	558255.17	4160492.59	WRKR_260	0.57
558255.17416050	558255.17	4160502.59	WRKR_261	0.63
558255.17416051	558255.17	4160512.59	WRKR_262	0.70
558265.17416036	558265.17	4160362.59	WRKR_263	0.20
558265.17416037	558265.17	4160372.59	WRKR_264	0.21
558265.17416038	558265.17	4160382.59	WRKR_265	0.22
558265.17416039	558265.17	4160392.59	WRKR_266	0.24
558265.17416040	558265.17	4160402.59	WRKR_267	0.26
558265.17416041	558265.17	4160412.59	WRKR_268	0.28
558265.17416042	558265.17	4160422.59	WRKR_269	0.30
558265.17416043	558265.17	4160432.59	WRKR_270	0.32
558265.17416044	558265.17	4160442.59	WRKR_271	0.35
558265.17416045	558265.17	4160452.59	WRKR_272	0.38
558265.17416046	558265.17	4160462.59	WRKR_273	0.41
558265.17416047	558265.17	4160472.59	WRKR_274	0.45
558265.17416048	558265.17	4160482.59	WRKR_275	0.50
558265.17416049	558265.17	4160492.59	WRKR_276	0.55
558265.17416050	558265.17	4160502.59	WRKR_277	0.62
558265.17416051	558265.17	4160512.59	WRKR_278	0.68
558265.17416052	558265.17	4160522.59	WRKR_279	0.77
558275.17416036	558275.17	4160362.59	WRKR_280	0.19

Cancer Risk
worker - offsite

XY	X	Y	Receptor Type	16<30 Cancer Risk (cases per million) OFFROAD	16<30 Cancer Risk (cases per million) ONROAD	Total Cancer Risk (cases per million)
558275.174160372.59	558275.17	4160372.59	WRKR_281	2.04E-01	1.94E-04	2.04E-01
558275.174160382.59	558275.17	4160382.59	WRKR_282	2.18E-01	1.99E-04	2.18E-01
558275.174160392.59	558275.17	4160392.59	WRKR_283	2.33E-01	2.05E-04	2.33E-01
558275.174160402.59	558275.17	4160402.59	WRKR_284	2.50E-01	2.11E-04	2.50E-01
558275.174160412.59	558275.17	4160412.59	WRKR_285	2.69E-01	2.17E-04	2.69E-01
558275.174160422.59	558275.17	4160422.59	WRKR_286	2.89E-01	2.23E-04	2.90E-01
558275.174160432.59	558275.17	4160432.59	WRKR_287	3.13E-01	2.30E-04	3.13E-01
558275.174160442.59	558275.17	4160442.59	WRKR_288	3.39E-01	2.36E-04	3.39E-01
558275.174160452.59	558275.17	4160452.59	WRKR_289	3.68E-01	2.43E-04	3.69E-01
558275.174160462.59	558275.17	4160462.59	WRKR_290	4.02E-01	2.51E-04	4.02E-01
558275.174160472.59	558275.17	4160472.59	WRKR_291	4.41E-01	2.59E-04	4.41E-01
558275.174160482.59	558275.17	4160482.59	WRKR_292	4.85E-01	2.67E-04	4.86E-01
558275.174160492.59	558275.17	4160492.59	WRKR_293	5.37E-01	2.75E-04	5.37E-01
558275.174160502.59	558275.17	4160502.59	WRKR_294	5.98E-01	2.84E-04	5.99E-01
558275.174160512.59	558275.17	4160512.59	WRKR_295	6.72E-01	2.94E-04	6.72E-01
558275.174160522.59	558275.17	4160522.59	WRKR_296	7.57E-01	3.03E-04	7.57E-01
558275.174160532.59	558275.17	4160532.59	WRKR_297	8.57E-01	3.12E-04	8.58E-01
558285.174160362.59	558285.17	4160362.59	WRKR_298	1.85E-01	1.97E-04	1.85E-01
558285.174160372.59	558285.17	4160372.59	WRKR_299	1.97E-01	2.03E-04	1.98E-01
558285.174160382.59	558285.17	4160382.59	WRKR_300	2.11E-01	2.08E-04	2.11E-01
558285.174160392.59	558285.17	4160392.59	WRKR_301	2.25E-01	2.15E-04	2.26E-01
558285.174160402.59	558285.17	4160402.59	WRKR_302	2.42E-01	2.21E-04	2.42E-01
558285.174160412.59	558285.17	4160412.59	WRKR_303	2.60E-01	2.28E-04	2.60E-01
558285.174160422.59	558285.17	4160422.59	WRKR_304	2.80E-01	2.35E-04	2.81E-01
558285.174160432.59	558285.17	4160432.59	WRKR_305	3.03E-01	2.42E-04	3.03E-01
558285.174160442.59	558285.17	4160442.59	WRKR_306	3.28E-01	2.49E-04	3.29E-01
558285.174160452.59	558285.17	4160452.59	WRKR_307	3.57E-01	2.57E-04	3.57E-01
558285.174160462.59	558285.17	4160462.59	WRKR_308	3.90E-01	2.66E-04	3.91E-01
558285.174160472.59	558285.17	4160472.59	WRKR_309	4.28E-01	2.75E-04	4.28E-01
558285.174160482.59	558285.17	4160482.59	WRKR_310	4.71E-01	2.84E-04	4.72E-01
558285.174160492.59	558285.17	4160492.59	WRKR_311	5.22E-01	2.94E-04	5.22E-01
558285.174160502.59	558285.17	4160502.59	WRKR_312	5.83E-01	3.05E-04	5.83E-01
558285.174160512.59	558285.17	4160512.59	WRKR_313	6.56E-01	3.17E-04	6.57E-01
558285.174160522.59	558285.17	4160522.59	WRKR_314	7.43E-01	3.28E-04	7.44E-01
558285.174160532.59	558285.17	4160532.59	WRKR_315	8.46E-01	3.39E-04	8.46E-01
558295.174160362.59	558295.17	4160362.59	WRKR_316	1.79E-01	2.05E-04	1.79E-01
558295.174160372.59	558295.17	4160372.59	WRKR_317	1.91E-01	2.11E-04	1.91E-01
558295.174160382.59	558295.17	4160382.59	WRKR_318	2.04E-01	2.18E-04	2.04E-01
558295.174160392.59	558295.17	4160392.59	WRKR_319	2.18E-01	2.24E-04	2.18E-01
558295.174160402.59	558295.17	4160402.59	WRKR_320	2.34E-01	2.31E-04	2.34E-01
558295.174160412.59	558295.17	4160412.59	WRKR_321	2.51E-01	2.39E-04	2.52E-01
558295.174160422.59	558295.17	4160422.59	WRKR_322	2.71E-01	2.46E-04	2.71E-01
558295.174160432.59	558295.17	4160432.59	WRKR_323	2.93E-01	2.55E-04	2.94E-01
558295.174160442.59	558295.17	4160442.59	WRKR_324	3.18E-01	2.63E-04	3.18E-01
558295.174160452.59	558295.17	4160452.59	WRKR_325	3.46E-01	2.72E-04	3.47E-01
558295.174160462.59	558295.17	4160462.59	WRKR_326	3.79E-01	2.82E-04	3.79E-01
558295.174160472.59	558295.17	4160472.59	WRKR_327	4.16E-01	2.92E-04	4.16E-01
558295.174160482.59	558295.17	4160482.59	WRKR_328	4.59E-01	3.03E-04	4.59E-01
558295.174160492.59	558295.17	4160492.59	WRKR_329	5.09E-01	3.15E-04	5.09E-01
558295.174160502.59	558295.17	4160502.59	WRKR_330	5.69E-01	3.27E-04	5.69E-01
558295.174160512.59	558295.17	4160512.59	WRKR_331	6.42E-01	3.41E-04	6.42E-01
558295.174160522.59	558295.17	4160522.59	WRKR_332	7.29E-01	3.56E-04	7.30E-01
558295.174160532.59	558295.17	4160532.59	WRKR_333	8.33E-01	3.70E-04	8.33E-01
558305.174160362.59	558305.17	4160362.59	WRKR_334	1.73E-01	2.14E-04	1.73E-01
558305.174160372.59	558305.17	4160372.59	WRKR_335	1.84E-01	2.21E-04	1.85E-01
558305.174160382.59	558305.17	4160382.59	WRKR_336	1.97E-01	2.27E-04	1.97E-01

CONSTRUCTION ONLY
Worker Cancer Risk

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

XY	X	Y	GROUP	Cancer Risk
558275.17416037	558275.17	4160372.59	WRKR_281	0.20
558275.17416038	558275.17	4160382.59	WRKR_282	0.22
558275.17416039	558275.17	4160392.59	WRKR_283	0.23
558275.17416040	558275.17	4160402.59	WRKR_284	0.25
558275.17416041	558275.17	4160412.59	WRKR_285	0.27
558275.17416042	558275.17	4160422.59	WRKR_286	0.29
558275.17416043	558275.17	4160432.59	WRKR_287	0.31
558275.17416044	558275.17	4160442.59	WRKR_288	0.34
558275.17416045	558275.17	4160452.59	WRKR_289	0.37
558275.17416046	558275.17	4160462.59	WRKR_290	0.40
558275.17416047	558275.17	4160472.59	WRKR_291	0.44
558275.17416048	558275.17	4160482.59	WRKR_292	0.49
558275.17416049	558275.17	4160492.59	WRKR_293	0.54
558275.17416050	558275.17	4160502.59	WRKR_294	0.60
558275.17416051	558275.17	4160512.59	WRKR_295	0.67
558275.17416052	558275.17	4160522.59	WRKR_296	0.76
558275.17416053	558275.17	4160532.59	WRKR_297	0.86
558285.17416036	558285.17	4160362.59	WRKR_298	0.19
558285.17416037	558285.17	4160372.59	WRKR_299	0.20
558285.17416038	558285.17	4160382.59	WRKR_300	0.21
558285.17416039	558285.17	4160392.59	WRKR_301	0.23
558285.17416040	558285.17	4160402.59	WRKR_302	0.24
558285.17416041	558285.17	4160412.59	WRKR_303	0.26
558285.17416042	558285.17	4160422.59	WRKR_304	0.28
558285.17416043	558285.17	4160432.59	WRKR_305	0.30
558285.17416044	558285.17	4160442.59	WRKR_306	0.33
558285.17416045	558285.17	4160452.59	WRKR_307	0.36
558285.17416046	558285.17	4160462.59	WRKR_308	0.39
558285.17416047	558285.17	4160472.59	WRKR_309	0.43
558285.17416048	558285.17	4160482.59	WRKR_310	0.47
558285.17416049	558285.17	4160492.59	WRKR_311	0.52
558285.17416050	558285.17	4160502.59	WRKR_312	0.58
558285.17416051	558285.17	4160512.59	WRKR_313	0.66
558285.17416052	558285.17	4160522.59	WRKR_314	0.74
558285.17416053	558285.17	4160532.59	WRKR_315	0.85
558295.17416036	558295.17	4160362.59	WRKR_316	0.18
558295.17416037	558295.17	4160372.59	WRKR_317	0.19
558295.17416038	558295.17	4160382.59	WRKR_318	0.20
558295.17416039	558295.17	4160392.59	WRKR_319	0.22
558295.17416040	558295.17	4160402.59	WRKR_320	0.23
558295.17416041	558295.17	4160412.59	WRKR_321	0.25
558295.17416042	558295.17	4160422.59	WRKR_322	0.27
558295.17416043	558295.17	4160432.59	WRKR_323	0.29
558295.17416044	558295.17	4160442.59	WRKR_324	0.32
558295.17416045	558295.17	4160452.59	WRKR_325	0.35
558295.17416046	558295.17	4160462.59	WRKR_326	0.38
558295.17416047	558295.17	4160472.59	WRKR_327	0.42
558295.17416048	558295.17	4160482.59	WRKR_328	0.46
558295.17416049	558295.17	4160492.59	WRKR_329	0.51
558295.17416050	558295.17	4160502.59	WRKR_330	0.57
558295.17416051	558295.17	4160512.59	WRKR_331	0.64
558295.17416052	558295.17	4160522.59	WRKR_332	0.73
558295.17416053	558295.17	4160532.59	WRKR_333	0.83
558305.17416036	558305.17	4160362.59	WRKR_334	0.17
558305.17416037	558305.17	4160372.59	WRKR_335	0.18
558305.17416038	558305.17	4160382.59	WRKR_336	0.20

Cancer Risk
worker - offsite

XY	X	Y	Receptor Type	16<30 Cancer Risk (cases per million) OFFROAD	16<30 Cancer Risk (cases per million) ONROAD	Total Cancer Risk (cases per million)
558305.174160392.59	558305.17	4160392.59	WRKR_337	2.11E-01	2.34E-04	2.11E-01
558305.174160402.59	558305.17	4160402.59	WRKR_338	2.26E-01	2.41E-04	2.26E-01
558305.174160412.59	558305.17	4160412.59	WRKR_339	2.43E-01	2.49E-04	2.43E-01
558305.174160422.59	558305.17	4160422.59	WRKR_340	2.62E-01	2.58E-04	2.62E-01
558305.174160432.59	558305.17	4160432.59	WRKR_341	2.84E-01	2.67E-04	2.84E-01
558305.174160442.59	558305.17	4160442.59	WRKR_342	3.08E-01	2.77E-04	3.08E-01
558305.174160452.59	558305.17	4160452.59	WRKR_343	3.36E-01	2.87E-04	3.36E-01
558305.174160462.59	558305.17	4160462.59	WRKR_344	3.67E-01	2.98E-04	3.68E-01
558305.174160472.59	558305.17	4160472.59	WRKR_345	4.04E-01	3.10E-04	4.04E-01
558305.174160482.59	558305.17	4160482.59	WRKR_346	4.47E-01	3.22E-04	4.47E-01
558305.174160492.59	558305.17	4160492.59	WRKR_347	4.97E-01	3.36E-04	4.97E-01
558305.174160502.59	558305.17	4160502.59	WRKR_348	5.56E-01	3.51E-04	5.57E-01
558305.174160512.59	558305.17	4160512.59	WRKR_349	6.29E-01	3.67E-04	6.29E-01
558305.174160522.59	558305.17	4160522.59	WRKR_350	7.17E-01	3.85E-04	7.17E-01
558305.174160532.59	558305.17	4160532.59	WRKR_351	8.20E-01	4.04E-04	8.21E-01
558315.174160362.59	558315.17	4160362.59	WRKR_352	1.67E-01	2.23E-04	1.68E-01
558315.174160372.59	558315.17	4160372.59	WRKR_353	1.78E-01	2.30E-04	1.78E-01
558315.174160382.59	558315.17	4160382.59	WRKR_354	1.90E-01	2.37E-04	1.90E-01
558315.174160392.59	558315.17	4160392.59	WRKR_355	2.03E-01	2.44E-04	2.04E-01
558315.174160402.59	558315.17	4160402.59	WRKR_356	2.18E-01	2.52E-04	2.19E-01
558315.174160412.59	558315.17	4160412.59	WRKR_357	2.35E-01	2.61E-04	2.35E-01
558315.174160422.59	558315.17	4160422.59	WRKR_358	2.53E-01	2.70E-04	2.54E-01
558315.174160432.59	558315.17	4160432.59	WRKR_359	2.74E-01	2.80E-04	2.75E-01
558315.174160442.59	558315.17	4160442.59	WRKR_360	2.98E-01	2.91E-04	2.98E-01
558315.174160452.59	558315.17	4160452.59	WRKR_361	3.25E-01	3.02E-04	3.25E-01
558315.174160462.59	558315.17	4160462.59	WRKR_362	3.56E-01	3.15E-04	3.57E-01
558315.174160472.59	558315.17	4160472.59	WRKR_363	3.93E-01	3.28E-04	3.93E-01
558315.174160482.59	558315.17	4160482.59	WRKR_364	4.35E-01	3.42E-04	4.35E-01
558315.174160492.59	558315.17	4160492.59	WRKR_365	4.85E-01	3.58E-04	4.86E-01
558315.174160502.59	558315.17	4160502.59	WRKR_366	5.45E-01	3.75E-04	5.45E-01
558315.174160512.59	558315.17	4160512.59	WRKR_367	6.17E-01	3.95E-04	6.18E-01
558315.174160522.59	558315.17	4160522.59	WRKR_368	7.04E-01	4.17E-04	7.05E-01
558315.174160532.59	558315.17	4160532.59	WRKR_369	8.06E-01	4.39E-04	8.07E-01
558325.174160362.59	558325.17	4160362.59	WRKR_370	1.62E-01	2.32E-04	1.62E-01
558325.174160372.59	558325.17	4160372.59	WRKR_371	1.72E-01	2.39E-04	1.72E-01
558325.174160382.59	558325.17	4160382.59	WRKR_372	1.84E-01	2.47E-04	1.84E-01
558325.174160392.59	558325.17	4160392.59	WRKR_373	1.96E-01	2.55E-04	1.97E-01
558325.174160402.59	558325.17	4160402.59	WRKR_374	2.11E-01	2.64E-04	2.11E-01
558325.174160412.59	558325.17	4160412.59	WRKR_375	2.27E-01	2.73E-04	2.27E-01
558325.174160422.59	558325.17	4160422.59	WRKR_376	2.45E-01	2.83E-04	2.45E-01
558325.174160432.59	558325.17	4160432.59	WRKR_377	2.65E-01	2.94E-04	2.66E-01
558325.174160442.59	558325.17	4160442.59	WRKR_378	2.88E-01	3.05E-04	2.89E-01
558325.174160452.59	558325.17	4160452.59	WRKR_379	3.15E-01	3.18E-04	3.15E-01
558325.174160462.59	558325.17	4160462.59	WRKR_380	3.46E-01	3.31E-04	3.46E-01
558325.174160472.59	558325.17	4160472.59	WRKR_381	3.82E-01	3.46E-04	3.82E-01
558325.174160482.59	558325.17	4160482.59	WRKR_382	4.24E-01	3.62E-04	4.24E-01
558325.174160492.59	558325.17	4160492.59	WRKR_383	4.74E-01	3.80E-04	4.74E-01
558325.174160502.59	558325.17	4160502.59	WRKR_384	5.34E-01	4.01E-04	5.34E-01
558325.174160512.59	558325.17	4160512.59	WRKR_385	6.05E-01	4.23E-04	6.06E-01
558325.174160522.59	558325.17	4160522.59	WRKR_386	6.91E-01	4.49E-04	6.91E-01
558325.174160532.59	558325.17	4160532.59	WRKR_387	7.90E-01	4.76E-04	7.91E-01
558335.174160362.59	558335.17	4160362.59	WRKR_388	1.56E-01	2.41E-04	1.56E-01
558335.174160372.59	558335.17	4160372.59	WRKR_389	1.66E-01	2.49E-04	1.66E-01
558335.174160382.59	558335.17	4160382.59	WRKR_390	1.77E-01	2.57E-04	1.78E-01
558335.174160392.59	558335.17	4160392.59	WRKR_391	1.90E-01	2.66E-04	1.90E-01
558335.174160402.59	558335.17	4160402.59	WRKR_392	2.04E-01	2.75E-04	2.04E-01

CONSTRUCTION ONLY
Worker Cancer Risk

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

XY	X	Y	GROUP	Cancer Risk
558305.17416039	558305.17	4160392.59	WRKR_337	0.21
558305.17416040	558305.17	4160402.59	WRKR_338	0.23
558305.17416041	558305.17	4160412.59	WRKR_339	0.24
558305.17416042	558305.17	4160422.59	WRKR_340	0.26
558305.17416043	558305.17	4160432.59	WRKR_341	0.28
558305.17416044	558305.17	4160442.59	WRKR_342	0.31
558305.17416045	558305.17	4160452.59	WRKR_343	0.34
558305.17416046	558305.17	4160462.59	WRKR_344	0.37
558305.17416047	558305.17	4160472.59	WRKR_345	0.40
558305.17416048	558305.17	4160482.59	WRKR_346	0.45
558305.17416049	558305.17	4160492.59	WRKR_347	0.50
558305.17416050	558305.17	4160502.59	WRKR_348	0.56
558305.17416051	558305.17	4160512.59	WRKR_349	0.63
558305.17416052	558305.17	4160522.59	WRKR_350	0.72
558305.17416053	558305.17	4160532.59	WRKR_351	0.82
558315.17416036	558315.17	4160362.59	WRKR_352	0.17
558315.17416037	558315.17	4160372.59	WRKR_353	0.18
558315.17416038	558315.17	4160382.59	WRKR_354	0.19
558315.17416039	558315.17	4160392.59	WRKR_355	0.20
558315.17416040	558315.17	4160402.59	WRKR_356	0.22
558315.17416041	558315.17	4160412.59	WRKR_357	0.24
558315.17416042	558315.17	4160422.59	WRKR_358	0.25
558315.17416043	558315.17	4160432.59	WRKR_359	0.27
558315.17416044	558315.17	4160442.59	WRKR_360	0.30
558315.17416045	558315.17	4160452.59	WRKR_361	0.33
558315.17416046	558315.17	4160462.59	WRKR_362	0.36
558315.17416047	558315.17	4160472.59	WRKR_363	0.39
558315.17416048	558315.17	4160482.59	WRKR_364	0.44
558315.17416049	558315.17	4160492.59	WRKR_365	0.49
558315.17416050	558315.17	4160502.59	WRKR_366	0.55
558315.17416051	558315.17	4160512.59	WRKR_367	0.62
558315.17416052	558315.17	4160522.59	WRKR_368	0.70
558315.17416053	558315.17	4160532.59	WRKR_369	0.81
558325.17416036	558325.17	4160362.59	WRKR_370	0.16
558325.17416037	558325.17	4160372.59	WRKR_371	0.17
558325.17416038	558325.17	4160382.59	WRKR_372	0.18
558325.17416039	558325.17	4160392.59	WRKR_373	0.20
558325.17416040	558325.17	4160402.59	WRKR_374	0.21
558325.17416041	558325.17	4160412.59	WRKR_375	0.23
558325.17416042	558325.17	4160422.59	WRKR_376	0.25
558325.17416043	558325.17	4160432.59	WRKR_377	0.27
558325.17416044	558325.17	4160442.59	WRKR_378	0.29
558325.17416045	558325.17	4160452.59	WRKR_379	0.32
558325.17416046	558325.17	4160462.59	WRKR_380	0.35
558325.17416047	558325.17	4160472.59	WRKR_381	0.38
558325.17416048	558325.17	4160482.59	WRKR_382	0.42
558325.17416049	558325.17	4160492.59	WRKR_383	0.47
558325.17416050	558325.17	4160502.59	WRKR_384	0.53
558325.17416051	558325.17	4160512.59	WRKR_385	0.61
558325.17416052	558325.17	4160522.59	WRKR_386	0.69
558325.17416053	558325.17	4160532.59	WRKR_387	0.79
558335.17416036	558335.17	4160362.59	WRKR_388	0.16
558335.17416037	558335.17	4160372.59	WRKR_389	0.17
558335.17416038	558335.17	4160382.59	WRKR_390	0.18
558335.17416039	558335.17	4160392.59	WRKR_391	0.19
558335.17416040	558335.17	4160402.59	WRKR_392	0.20

Cancer Risk
worker - offsite

XY	X	Y	Receptor Type	16<30 Cancer Risk (cases per million) OFFROAD	16<30 Cancer Risk (cases per million) ONROAD	Total Cancer Risk (cases per million)
558335.174160412.59	558335.17	4160412.59	WRKR_393	2.19E-01	2.85E-04	2.19E-01
558335.174160422.59	558335.17	4160422.59	WRKR_394	2.37E-01	2.96E-04	2.37E-01
558335.174160432.59	558335.17	4160432.59	WRKR_395	2.57E-01	3.07E-04	2.57E-01
558335.174160442.59	558335.17	4160442.59	WRKR_396	2.80E-01	3.20E-04	2.80E-01
558335.174160452.59	558335.17	4160452.59	WRKR_397	3.06E-01	3.33E-04	3.06E-01
558335.174160462.59	558335.17	4160462.59	WRKR_398	3.36E-01	3.48E-04	3.36E-01
558335.174160472.59	558335.17	4160472.59	WRKR_399	3.72E-01	3.64E-04	3.72E-01
558335.174160482.59	558335.17	4160482.59	WRKR_400	4.13E-01	3.82E-04	4.14E-01
558335.174160492.59	558335.17	4160492.59	WRKR_401	4.63E-01	4.03E-04	4.63E-01
558335.174160502.59	558335.17	4160502.59	WRKR_402	5.22E-01	4.26E-04	5.23E-01
558335.174160512.59	558335.17	4160512.59	WRKR_403	5.93E-01	4.52E-04	5.93E-01
558335.174160522.59	558335.17	4160522.59	WRKR_404	6.76E-01	4.81E-04	6.77E-01
558335.174160532.59	558335.17	4160532.59	WRKR_405	7.73E-01	5.14E-04	7.73E-01
558345.174160362.59	558345.17	4160362.59	WRKR_406	1.51E-01	2.50E-04	1.51E-01
558345.174160372.59	558345.17	4160372.59	WRKR_407	1.61E-01	2.59E-04	1.61E-01
558345.174160382.59	558345.17	4160382.59	WRKR_408	1.71E-01	2.68E-04	1.72E-01
558345.174160392.59	558345.17	4160392.59	WRKR_409	1.83E-01	2.77E-04	1.84E-01
558345.174160402.59	558345.17	4160402.59	WRKR_410	1.97E-01	2.87E-04	1.97E-01
558345.174160412.59	558345.17	4160412.59	WRKR_411	2.12E-01	2.97E-04	2.12E-01
558345.174160422.59	558345.17	4160422.59	WRKR_412	2.29E-01	3.09E-04	2.29E-01
558345.174160432.59	558345.17	4160432.59	WRKR_413	2.49E-01	3.21E-04	2.49E-01
558345.174160442.59	558345.17	4160442.59	WRKR_414	2.71E-01	3.33E-04	2.71E-01
558345.174160452.59	558345.17	4160452.59	WRKR_415	2.97E-01	3.48E-04	2.97E-01
558345.174160462.59	558345.17	4160462.59	WRKR_416	3.27E-01	3.65E-04	3.27E-01
558345.174160472.59	558345.17	4160472.59	WRKR_417	3.61E-01	3.82E-04	3.62E-01
558345.174160482.59	558345.17	4160482.59	WRKR_418	4.03E-01	4.02E-04	4.03E-01
558345.174160492.59	558345.17	4160492.59	WRKR_419	4.51E-01	4.24E-04	4.52E-01
558345.174160502.59	558345.17	4160502.59	WRKR_420	5.10E-01	4.50E-04	5.10E-01
558345.174160512.59	558345.17	4160512.59	WRKR_421	5.79E-01	4.79E-04	5.79E-01
558345.174160522.59	558345.17	4160522.59	WRKR_422	6.59E-01	5.12E-04	6.60E-01
558345.174160532.59	558345.17	4160532.59	WRKR_423	7.53E-01	5.50E-04	7.53E-01
558355.174160362.59	558355.17	4160362.59	WRKR_424	1.46E-01	2.60E-04	1.46E-01
558355.174160372.59	558355.17	4160372.59	WRKR_425	1.55E-01	2.69E-04	1.56E-01
558355.174160382.59	558355.17	4160382.59	WRKR_426	1.66E-01	2.79E-04	1.66E-01
558355.174160392.59	558355.17	4160392.59	WRKR_427	1.77E-01	2.89E-04	1.78E-01
558355.174160402.59	558355.17	4160402.59	WRKR_428	1.91E-01	2.99E-04	1.91E-01
558355.174160412.59	558355.17	4160412.59	WRKR_429	2.05E-01	3.10E-04	2.06E-01
558355.174160422.59	558355.17	4160422.59	WRKR_430	2.22E-01	3.22E-04	2.22E-01
558355.174160432.59	558355.17	4160432.59	WRKR_431	2.41E-01	3.35E-04	2.42E-01
558355.174160442.59	558355.17	4160442.59	WRKR_432	2.63E-01	3.49E-04	2.64E-01
558355.174160452.59	558355.17	4160452.59	WRKR_433	2.89E-01	3.64E-04	2.89E-01
558355.174160462.59	558355.17	4160462.59	WRKR_434	3.18E-01	3.81E-04	3.18E-01
558355.174160472.59	558355.17	4160472.59	WRKR_435	3.52E-01	4.00E-04	3.53E-01
558355.174160482.59	558355.17	4160482.59	WRKR_436	3.92E-01	4.21E-04	3.93E-01
558355.174160492.59	558355.17	4160492.59	WRKR_437	4.40E-01	4.45E-04	4.40E-01
558355.174160502.59	558355.17	4160502.59	WRKR_438	4.96E-01	4.72E-04	4.97E-01
558355.174160512.59	558355.17	4160512.59	WRKR_439	5.62E-01	5.04E-04	5.63E-01
558355.174160522.59	558355.17	4160522.59	WRKR_440	6.40E-01	5.41E-04	6.40E-01
558355.174160532.59	558355.17	4160532.59	WRKR_441	7.30E-01	5.85E-04	7.31E-01
558365.174160362.59	558365.17	4160362.59	WRKR_442	1.41E-01	2.71E-04	1.42E-01
558365.174160372.59	558365.17	4160372.59	WRKR_443	1.51E-01	2.81E-04	1.51E-01
558365.174160382.59	558365.17	4160382.59	WRKR_444	1.61E-01	2.90E-04	1.61E-01
558365.174160392.59	558365.17	4160392.59	WRKR_445	1.72E-01	3.01E-04	1.72E-01
558365.174160402.59	558365.17	4160402.59	WRKR_446	1.85E-01	3.12E-04	1.85E-01
558365.174160412.59	558365.17	4160412.59	WRKR_447	1.99E-01	3.24E-04	2.00E-01
558365.174160422.59	558365.17	4160422.59	WRKR_448	2.16E-01	3.36E-04	2.16E-01

CONSTRUCTION ONLY
Worker Cancer Risk

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

XY	X	Y	GROUP	Cancer Risk
558335.17416041	558335.17	4160412.59	WRKR_393	0.22
558335.17416042	558335.17	4160422.59	WRKR_394	0.24
558335.17416043	558335.17	4160432.59	WRKR_395	0.26
558335.17416044	558335.17	4160442.59	WRKR_396	0.28
558335.17416045	558335.17	4160452.59	WRKR_397	0.31
558335.17416046	558335.17	4160462.59	WRKR_398	0.34
558335.17416047	558335.17	4160472.59	WRKR_399	0.37
558335.17416048	558335.17	4160482.59	WRKR_400	0.41
558335.17416049	558335.17	4160492.59	WRKR_401	0.46
558335.17416050	558335.17	4160502.59	WRKR_402	0.52
558335.17416051	558335.17	4160512.59	WRKR_403	0.59
558335.17416052	558335.17	4160522.59	WRKR_404	0.68
558335.17416053	558335.17	4160532.59	WRKR_405	0.77
558345.17416036	558345.17	4160362.59	WRKR_406	0.15
558345.17416037	558345.17	4160372.59	WRKR_407	0.16
558345.17416038	558345.17	4160382.59	WRKR_408	0.17
558345.17416039	558345.17	4160392.59	WRKR_409	0.18
558345.17416040	558345.17	4160402.59	WRKR_410	0.20
558345.17416041	558345.17	4160412.59	WRKR_411	0.21
558345.17416042	558345.17	4160422.59	WRKR_412	0.23
558345.17416043	558345.17	4160432.59	WRKR_413	0.25
558345.17416044	558345.17	4160442.59	WRKR_414	0.27
558345.17416045	558345.17	4160452.59	WRKR_415	0.30
558345.17416046	558345.17	4160462.59	WRKR_416	0.33
558345.17416047	558345.17	4160472.59	WRKR_417	0.36
558345.17416048	558345.17	4160482.59	WRKR_418	0.40
558345.17416049	558345.17	4160492.59	WRKR_419	0.45
558345.17416050	558345.17	4160502.59	WRKR_420	0.51
558345.17416051	558345.17	4160512.59	WRKR_421	0.58
558345.17416052	558345.17	4160522.59	WRKR_422	0.66
558345.17416053	558345.17	4160532.59	WRKR_423	0.75
558355.17416036	558355.17	4160362.59	WRKR_424	0.15
558355.17416037	558355.17	4160372.59	WRKR_425	0.16
558355.17416038	558355.17	4160382.59	WRKR_426	0.17
558355.17416039	558355.17	4160392.59	WRKR_427	0.18
558355.17416040	558355.17	4160402.59	WRKR_428	0.19
558355.17416041	558355.17	4160412.59	WRKR_429	0.21
558355.17416042	558355.17	4160422.59	WRKR_430	0.22
558355.17416043	558355.17	4160432.59	WRKR_431	0.24
558355.17416044	558355.17	4160442.59	WRKR_432	0.26
558355.17416045	558355.17	4160452.59	WRKR_433	0.29
558355.17416046	558355.17	4160462.59	WRKR_434	0.32
558355.17416047	558355.17	4160472.59	WRKR_435	0.35
558355.17416048	558355.17	4160482.59	WRKR_436	0.39
558355.17416049	558355.17	4160492.59	WRKR_437	0.44
558355.17416050	558355.17	4160502.59	WRKR_438	0.50
558355.17416051	558355.17	4160512.59	WRKR_439	0.56
558355.17416052	558355.17	4160522.59	WRKR_440	0.64
558355.17416053	558355.17	4160532.59	WRKR_441	0.73
558365.17416036	558365.17	4160362.59	WRKR_442	0.14
558365.17416037	558365.17	4160372.59	WRKR_443	0.15
558365.17416038	558365.17	4160382.59	WRKR_444	0.16
558365.17416039	558365.17	4160392.59	WRKR_445	0.17
558365.17416040	558365.17	4160402.59	WRKR_446	0.19
558365.17416041	558365.17	4160412.59	WRKR_447	0.20
558365.17416042	558365.17	4160422.59	WRKR_448	0.22

Cancer Risk
worker - offsite

XY	X	Y	Receptor Type	16<30 Cancer Risk (cases per million) OFFROAD	16<30 Cancer Risk (cases per million) ONROAD	Total Cancer Risk (cases per million)
558365.174160432.59	558365.17	4160432.59	WRKR_449	2.34E-01	3.49E-04	2.35E-01
558365.174160442.59	558365.17	4160442.59	WRKR_450	2.56E-01	3.64E-04	2.56E-01
558365.174160452.59	558365.17	4160452.59	WRKR_451	2.81E-01	3.80E-04	2.81E-01
558365.174160462.59	558365.17	4160462.59	WRKR_452	3.10E-01	3.98E-04	3.10E-01
558365.174160472.59	558365.17	4160472.59	WRKR_453	3.44E-01	4.18E-04	3.44E-01
558365.174160482.59	558365.17	4160482.59	WRKR_454	3.83E-01	4.40E-04	3.83E-01
558365.174160492.59	558365.17	4160492.59	WRKR_455	4.29E-01	4.66E-04	4.29E-01
558365.174160502.59	558365.17	4160502.59	WRKR_456	4.83E-01	4.95E-04	4.84E-01
558365.174160512.59	558365.17	4160512.59	WRKR_457	5.47E-01	5.29E-04	5.47E-01
558365.174160522.59	558365.17	4160522.59	WRKR_458	6.20E-01	5.68E-04	6.21E-01
558365.174160532.59	558365.17	4160532.59	WRKR_459	7.06E-01	6.16E-04	7.07E-01
558375.174160362.59	558375.17	4160362.59	WRKR_460	1.37E-01	2.83E-04	1.38E-01
558375.174160372.59	558375.17	4160372.59	WRKR_461	1.46E-01	2.93E-04	1.46E-01
558375.174160382.59	558375.17	4160382.59	WRKR_462	1.56E-01	3.03E-04	1.56E-01
558375.174160392.59	558375.17	4160392.59	WRKR_463	1.67E-01	3.13E-04	1.68E-01
558375.174160402.59	558375.17	4160402.59	WRKR_464	1.80E-01	3.25E-04	1.80E-01
558375.174160412.59	558375.17	4160412.59	WRKR_465	1.94E-01	3.38E-04	1.94E-01
558375.174160422.59	558375.17	4160422.59	WRKR_466	2.10E-01	3.50E-04	2.10E-01
558375.174160432.59	558375.17	4160432.59	WRKR_467	2.29E-01	3.65E-04	2.29E-01
558375.174160442.59	558375.17	4160442.59	WRKR_468	2.50E-01	3.80E-04	2.50E-01
558375.174160452.59	558375.17	4160452.59	WRKR_469	2.74E-01	3.97E-04	2.75E-01
558375.174160462.59	558375.17	4160462.59	WRKR_470	3.03E-01	4.16E-04	3.03E-01
558375.174160472.59	558375.17	4160472.59	WRKR_471	3.36E-01	4.37E-04	3.36E-01
558375.174160482.59	558375.17	4160482.59	WRKR_472	3.74E-01	4.60E-04	3.75E-01
558375.174160492.59	558375.17	4160492.59	WRKR_473	4.19E-01	4.87E-04	4.19E-01
558375.174160502.59	558375.17	4160502.59	WRKR_474	4.71E-01	5.17E-04	4.71E-01
558375.174160512.59	558375.17	4160512.59	WRKR_475	5.31E-01	5.53E-04	5.32E-01
558375.174160522.59	558375.17	4160522.59	WRKR_476	6.01E-01	5.96E-04	6.02E-01
558375.174160532.59	558375.17	4160532.59	WRKR_477	6.82E-01	6.47E-04	6.82E-01
558385.174160362.59	558385.17	4160362.59	WRKR_478	1.34E-01	2.95E-04	1.34E-01
558385.174160372.59	558385.17	4160372.59	WRKR_479	1.42E-01	3.06E-04	1.43E-01
558385.174160382.59	558385.17	4160382.59	WRKR_480	1.52E-01	3.17E-04	1.52E-01
558385.174160392.59	558385.17	4160392.59	WRKR_481	1.63E-01	3.27E-04	1.63E-01
558385.174160402.59	558385.17	4160402.59	WRKR_482	1.75E-01	3.39E-04	1.76E-01
558385.174160412.59	558385.17	4160412.59	WRKR_483	1.89E-01	3.52E-04	1.90E-01
558385.174160422.59	558385.17	4160422.59	WRKR_484	2.05E-01	3.66E-04	2.06E-01
558385.174160432.59	558385.17	4160432.59	WRKR_485	2.23E-01	3.80E-04	2.24E-01
558385.174160442.59	558385.17	4160442.59	WRKR_486	2.44E-01	3.97E-04	2.45E-01
558385.174160452.59	558385.17	4160452.59	WRKR_487	2.68E-01	4.15E-04	2.69E-01
558385.174160462.59	558385.17	4160462.59	WRKR_488	2.96E-01	4.34E-04	2.97E-01
558385.174160472.59	558385.17	4160472.59	WRKR_489	3.29E-01	4.56E-04	3.29E-01
558385.174160482.59	558385.17	4160482.59	WRKR_490	3.66E-01	4.80E-04	3.67E-01
558385.174160492.59	558385.17	4160492.59	WRKR_491	4.09E-01	5.08E-04	4.10E-01
558385.174160502.59	558385.17	4160502.59	WRKR_492	4.59E-01	5.41E-04	4.60E-01
558385.174160512.59	558385.17	4160512.59	WRKR_493	5.17E-01	5.79E-04	5.17E-01
558385.174160522.59	558385.17	4160522.59	WRKR_494	5.83E-01	6.23E-04	5.83E-01
558385.174160532.59	558385.17	4160532.59	WRKR_495	6.58E-01	6.78E-04	6.59E-01
558395.174160362.59	558395.17	4160362.59	WRKR_496	1.30E-01	3.07E-04	1.31E-01
558395.174160372.59	558395.17	4160372.59	WRKR_497	1.39E-01	3.18E-04	1.39E-01
558395.174160382.59	558395.17	4160382.59	WRKR_498	1.49E-01	3.29E-04	1.49E-01
558395.174160392.59	558395.17	4160392.59	WRKR_499	1.59E-01	3.41E-04	1.60E-01
558395.174160402.59	558395.17	4160402.59	WRKR_500	1.72E-01	3.53E-04	1.72E-01
558395.174160412.59	558395.17	4160412.59	WRKR_501	1.85E-01	3.67E-04	1.86E-01
558395.174160422.59	558395.17	4160422.59	WRKR_502	2.01E-01	3.81E-04	2.02E-01
558395.174160432.59	558395.17	4160432.59	WRKR_503	2.19E-01	3.97E-04	2.20E-01
558395.174160442.59	558395.17	4160442.59	WRKR_504	2.40E-01	4.14E-04	2.40E-01

CONSTRUCTION ONLY
Worker Cancer Risk

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

XY	X	Y	GROUP	Cancer Risk
558365.17416043	558365.17	4160432.59	WRKR_449	0.23
558365.17416044	558365.17	4160442.59	WRKR_450	0.26
558365.17416045	558365.17	4160452.59	WRKR_451	0.28
558365.17416046	558365.17	4160462.59	WRKR_452	0.31
558365.17416047	558365.17	4160472.59	WRKR_453	0.34
558365.17416048	558365.17	4160482.59	WRKR_454	0.38
558365.17416049	558365.17	4160492.59	WRKR_455	0.43
558365.17416050	558365.17	4160502.59	WRKR_456	0.48
558365.17416051	558365.17	4160512.59	WRKR_457	0.55
558365.17416052	558365.17	4160522.59	WRKR_458	0.62
558365.17416053	558365.17	4160532.59	WRKR_459	0.71
558375.17416036	558375.17	4160362.59	WRKR_460	0.14
558375.17416037	558375.17	4160372.59	WRKR_461	0.15
558375.17416038	558375.17	4160382.59	WRKR_462	0.16
558375.17416039	558375.17	4160392.59	WRKR_463	0.17
558375.17416040	558375.17	4160402.59	WRKR_464	0.18
558375.17416041	558375.17	4160412.59	WRKR_465	0.19
558375.17416042	558375.17	4160422.59	WRKR_466	0.21
558375.17416043	558375.17	4160432.59	WRKR_467	0.23
558375.17416044	558375.17	4160442.59	WRKR_468	0.25
558375.17416045	558375.17	4160452.59	WRKR_469	0.27
558375.17416046	558375.17	4160462.59	WRKR_470	0.30
558375.17416047	558375.17	4160472.59	WRKR_471	0.34
558375.17416048	558375.17	4160482.59	WRKR_472	0.37
558375.17416049	558375.17	4160492.59	WRKR_473	0.42
558375.17416050	558375.17	4160502.59	WRKR_474	0.47
558375.17416051	558375.17	4160512.59	WRKR_475	0.53
558375.17416052	558375.17	4160522.59	WRKR_476	0.60
558375.17416053	558375.17	4160532.59	WRKR_477	0.68
558385.17416036	558385.17	4160362.59	WRKR_478	0.13
558385.17416037	558385.17	4160372.59	WRKR_479	0.14
558385.17416038	558385.17	4160382.59	WRKR_480	0.15
558385.17416039	558385.17	4160392.59	WRKR_481	0.16
558385.17416040	558385.17	4160402.59	WRKR_482	0.18
558385.17416041	558385.17	4160412.59	WRKR_483	0.19
558385.17416042	558385.17	4160422.59	WRKR_484	0.21
558385.17416043	558385.17	4160432.59	WRKR_485	0.22
558385.17416044	558385.17	4160442.59	WRKR_486	0.24
558385.17416045	558385.17	4160452.59	WRKR_487	0.27
558385.17416046	558385.17	4160462.59	WRKR_488	0.30
558385.17416047	558385.17	4160472.59	WRKR_489	0.33
558385.17416048	558385.17	4160482.59	WRKR_490	0.37
558385.17416049	558385.17	4160492.59	WRKR_491	0.41
558385.17416050	558385.17	4160502.59	WRKR_492	0.46
558385.17416051	558385.17	4160512.59	WRKR_493	0.52
558385.17416052	558385.17	4160522.59	WRKR_494	0.58
558385.17416053	558385.17	4160532.59	WRKR_495	0.66
558395.17416036	558395.17	4160362.59	WRKR_496	0.13
558395.17416037	558395.17	4160372.59	WRKR_497	0.14
558395.17416038	558395.17	4160382.59	WRKR_498	0.15
558395.17416039	558395.17	4160392.59	WRKR_499	0.16
558395.17416040	558395.17	4160402.59	WRKR_500	0.17
558395.17416041	558395.17	4160412.59	WRKR_501	0.19
558395.17416042	558395.17	4160422.59	WRKR_502	0.20
558395.17416043	558395.17	4160432.59	WRKR_503	0.22
558395.17416044	558395.17	4160442.59	WRKR_504	0.24

Cancer Risk
worker - offsite

XY	X	Y	Receptor Type	16<30 Cancer Risk (cases per million) OFFROAD	16<30 Cancer Risk (cases per million) ONROAD	Total Cancer Risk (cases per million)
558395.174160452.59	558395.17	4160452.59	WRKR_505	2.64E-01	4.33E-04	2.64E-01
558395.174160462.59	558395.17	4160462.59	WRKR_506	2.91E-01	4.53E-04	2.91E-01
558395.174160472.59	558395.17	4160472.59	WRKR_507	3.23E-01	4.76E-04	3.23E-01
558395.174160482.59	558395.17	4160482.59	WRKR_508	3.59E-01	5.01E-04	3.60E-01
558395.174160492.59	558395.17	4160492.59	WRKR_509	4.01E-01	5.30E-04	4.02E-01
558395.174160502.59	558395.17	4160502.59	WRKR_510	4.49E-01	5.64E-04	4.50E-01
558395.174160512.59	558395.17	4160512.59	WRKR_511	5.03E-01	6.04E-04	5.04E-01
558477.664160568.94	558477.66	4160568.94	WRKR_512	7.07E-01	1.57E-03	7.09E-01
558477.664160578.94	558477.66	4160578.94	WRKR_513	7.76E-01	1.82E-03	7.78E-01
558477.664160588.94	558477.66	4160588.94	WRKR_514	8.52E-01	2.15E-03	8.54E-01
558477.664160598.94	558477.66	4160598.94	WRKR_515	9.33E-01	2.61E-03	9.36E-01
558487.664160568.94	558487.66	4160568.94	WRKR_516	6.73E-01	1.63E-03	6.75E-01
558487.664160578.94	558487.66	4160578.94	WRKR_517	7.34E-01	1.86E-03	7.36E-01
558487.664160588.94	558487.66	4160588.94	WRKR_518	7.98E-01	2.16E-03	8.00E-01
558487.664160598.94	558487.66	4160598.94	WRKR_519	8.67E-01	2.56E-03	8.70E-01
558497.664160568.94	558497.66	4160568.94	WRKR_520	6.50E-01	1.73E-03	6.51E-01
558497.664160578.94	558497.66	4160578.94	WRKR_521	7.04E-01	1.95E-03	7.06E-01
558497.664160588.94	558497.66	4160588.94	WRKR_522	7.62E-01	2.24E-03	7.64E-01
558497.664160598.94	558497.66	4160598.94	WRKR_523	8.22E-01	2.65E-03	8.24E-01
558507.664160568.94	558507.66	4160568.94	WRKR_524	6.31E-01	1.89E-03	6.33E-01
558507.664160578.94	558507.66	4160578.94	WRKR_525	6.79E-01	2.10E-03	6.81E-01
558507.664160588.94	558507.66	4160588.94	WRKR_526	7.33E-01	2.42E-03	7.35E-01
558507.664160598.94	558507.66	4160598.94	WRKR_527	7.85E-01	2.86E-03	7.88E-01
558517.664160568.94	558517.66	4160568.94	WRKR_528	6.10E-01	2.07E-03	6.12E-01
558517.664160578.94	558517.66	4160578.94	WRKR_529	6.54E-01	2.30E-03	6.57E-01
558517.664160588.94	558517.66	4160588.94	WRKR_530	7.00E-01	2.63E-03	7.03E-01
558517.664160598.94	558517.66	4160598.94	WRKR_531	7.47E-01	3.12E-03	7.50E-01
558527.664160568.94	558527.66	4160568.94	WRKR_532	5.88E-01	2.30E-03	5.91E-01
558527.664160578.94	558527.66	4160578.94	WRKR_533	6.29E-01	2.56E-03	6.31E-01
558527.664160588.94	558527.66	4160588.94	WRKR_534	6.69E-01	2.92E-03	6.72E-01
558527.664160598.94	558527.66	4160598.94	WRKR_535	7.08E-01	2.71E-03	7.11E-01
558537.664160568.94	558537.66	4160568.94	WRKR_536	5.67E-01	2.63E-03	5.70E-01
558537.664160578.94	558537.66	4160578.94	WRKR_537	6.03E-01	2.92E-03	6.06E-01
558537.664160588.94	558537.66	4160588.94	WRKR_538	6.38E-01	2.46E-03	6.40E-01
558537.664160598.94	558537.66	4160598.94	WRKR_539	6.71E-01	2.75E-03	6.74E-01
558547.664160568.94	558547.66	4160568.94	WRKR_540	5.47E-01	3.09E-03	5.50E-01
558547.664160578.94	558547.66	4160578.94	WRKR_541	5.78E-01	2.43E-03	5.80E-01
558547.664160588.94	558547.66	4160588.94	WRKR_542	6.07E-01	1.83E-03	6.09E-01
558557.664160568.94	558557.66	4160568.94	WRKR_543	5.26E-01	1.73E-03	5.28E-01
558600.644160569.24	558600.64	4160569.24	WRKR_544	4.45E-01	2.24E-03	4.47E-01
558600.644160579.24	558600.64	4160579.24	WRKR_545	4.59E-01	2.29E-03	4.61E-01
558600.644160589.24	558600.64	4160589.24	WRKR_546	4.71E-01	2.75E-03	4.74E-01
558600.644160599.24	558600.64	4160599.24	WRKR_547	4.82E-01	2.49E-03	4.84E-01
558610.644160569.24	558610.64	4160569.24	WRKR_548	4.25E-01	2.69E-03	4.28E-01
558610.644160579.24	558610.64	4160579.24	WRKR_549	4.37E-01	2.49E-03	4.40E-01
558610.644160589.24	558610.64	4160589.24	WRKR_550	4.48E-01	2.29E-03	4.50E-01
558610.644160599.24	558610.64	4160599.24	WRKR_551	4.56E-01	2.08E-03	4.58E-01
558620.644160569.24	558620.64	4160569.24	WRKR_552	4.07E-01	2.29E-03	4.09E-01
558620.644160579.24	558620.64	4160579.24	WRKR_553	4.17E-01	2.12E-03	4.19E-01
558620.644160589.24	558620.64	4160589.24	WRKR_554	4.26E-01	1.96E-03	4.28E-01
558620.644160599.24	558620.64	4160599.24	WRKR_555	4.33E-01	1.79E-03	4.35E-01
558630.644160569.24	558630.64	4160569.24	WRKR_556	3.89E-01	1.98E-03	3.91E-01
558630.644160579.24	558630.64	4160579.24	WRKR_557	3.98E-01	1.84E-03	3.99E-01
558630.644160589.24	558630.64	4160589.24	WRKR_558	4.05E-01	1.69E-03	4.06E-01
558630.644160599.24	558630.64	4160599.24	WRKR_559	4.10E-01	1.54E-03	4.12E-01
558640.644160569.24	558640.64	4160569.24	WRKR_560	3.72E-01	1.72E-03	3.73E-01

CONSTRUCTION ONLY
Worker Cancer Risk

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

XY	X	Y	GROUP	Cancer Risk
558395.17416045	558395.17	4160452.59	WRKR_505	0.26
558395.17416046	558395.17	4160462.59	WRKR_506	0.29
558395.17416047	558395.17	4160472.59	WRKR_507	0.32
558395.17416048	558395.17	4160482.59	WRKR_508	0.36
558395.17416049	558395.17	4160492.59	WRKR_509	0.40
558395.17416050	558395.17	4160502.59	WRKR_510	0.45
558395.17416051	558395.17	4160512.59	WRKR_511	0.50
558477.66416056	558477.66	4160568.94	WRKR_512	0.71
558477.66416057	558477.66	4160578.94	WRKR_513	0.78
558477.66416058	558477.66	4160588.94	WRKR_514	0.85
558477.66416059	558477.66	4160598.94	WRKR_515	0.94
558487.66416056	558487.66	4160568.94	WRKR_516	0.67
558487.66416057	558487.66	4160578.94	WRKR_517	0.74
558487.66416058	558487.66	4160588.94	WRKR_518	0.80
558487.66416059	558487.66	4160598.94	WRKR_519	0.87
558497.66416056	558497.66	4160568.94	WRKR_520	0.65
558497.66416057	558497.66	4160578.94	WRKR_521	0.71
558497.66416058	558497.66	4160588.94	WRKR_522	0.76
558497.66416059	558497.66	4160598.94	WRKR_523	0.82
558507.66416056	558507.66	4160568.94	WRKR_524	0.63
558507.66416057	558507.66	4160578.94	WRKR_525	0.68
558507.66416058	558507.66	4160588.94	WRKR_526	0.73
558507.66416059	558507.66	4160598.94	WRKR_527	0.79
558517.66416056	558517.66	4160568.94	WRKR_528	0.61
558517.66416057	558517.66	4160578.94	WRKR_529	0.66
558517.66416058	558517.66	4160588.94	WRKR_530	0.70
558517.66416059	558517.66	4160598.94	WRKR_531	0.75
558527.66416056	558527.66	4160568.94	WRKR_532	0.59
558527.66416057	558527.66	4160578.94	WRKR_533	0.63
558527.66416058	558527.66	4160588.94	WRKR_534	0.67
558527.66416059	558527.66	4160598.94	WRKR_535	0.71
558537.66416056	558537.66	4160568.94	WRKR_536	0.57
558537.66416057	558537.66	4160578.94	WRKR_537	0.61
558537.66416058	558537.66	4160588.94	WRKR_538	0.64
558537.66416059	558537.66	4160598.94	WRKR_539	0.67
558547.66416056	558547.66	4160568.94	WRKR_540	0.55
558547.66416057	558547.66	4160578.94	WRKR_541	0.58
558547.66416058	558547.66	4160588.94	WRKR_542	0.61
558557.66416056	558557.66	4160568.94	WRKR_543	0.53
558600.64416056	558600.64	4160569.24	WRKR_544	0.45
558600.64416057	558600.64	4160579.24	WRKR_545	0.46
558600.64416058	558600.64	4160589.24	WRKR_546	0.47
558600.64416059	558600.64	4160599.24	WRKR_547	0.48
558610.64416056	558610.64	4160569.24	WRKR_548	0.43
558610.64416057	558610.64	4160579.24	WRKR_549	0.44
558610.64416058	558610.64	4160589.24	WRKR_550	0.45
558610.64416059	558610.64	4160599.24	WRKR_551	0.46
558620.64416056	558620.64	4160569.24	WRKR_552	0.41
558620.64416057	558620.64	4160579.24	WRKR_553	0.42
558620.64416058	558620.64	4160589.24	WRKR_554	0.43
558620.64416059	558620.64	4160599.24	WRKR_555	0.43
558630.64416056	558630.64	4160569.24	WRKR_556	0.39
558630.64416057	558630.64	4160579.24	WRKR_557	0.40
558630.64416058	558630.64	4160589.24	WRKR_558	0.41
558630.64416059	558630.64	4160599.24	WRKR_559	0.41
558640.64416056	558640.64	4160569.24	WRKR_560	0.37

Cancer Risk
worker - offsite

XY	X	Y	Receptor Type	16<30 Cancer Risk (cases per million) OFFROAD	16<30 Cancer Risk (cases per million) ONROAD	Total Cancer Risk (cases per million)
558640.644160579.24	558640.64	4160579.24	WRKR_561	3.79E-01	1.60E-03	3.80E-01
558640.644160589.24	558640.64	4160589.24	WRKR_562	3.84E-01	1.47E-03	3.86E-01
558640.644160599.24	558640.64	4160599.24	WRKR_563	3.88E-01	1.34E-03	3.90E-01
558650.644160569.24	558650.64	4160569.24	WRKR_564	3.55E-01	1.52E-03	3.56E-01
558650.644160579.24	558650.64	4160579.24	WRKR_565	3.61E-01	1.41E-03	3.62E-01
558650.644160589.24	558650.64	4160589.24	WRKR_566	3.65E-01	1.30E-03	3.67E-01
558650.644160599.24	558650.64	4160599.24	WRKR_567	3.68E-01	1.19E-03	3.70E-01
558660.644160569.24	558660.64	4160569.24	WRKR_568	3.39E-01	1.36E-03	3.41E-01
558660.644160579.24	558660.64	4160579.24	WRKR_569	3.44E-01	1.27E-03	3.46E-01
558660.644160589.24	558660.64	4160589.24	WRKR_570	3.48E-01	1.17E-03	3.49E-01
558660.644160599.24	558660.64	4160599.24	WRKR_571	3.50E-01	1.08E-03	3.51E-01
558670.644160569.24	558670.64	4160569.24	WRKR_572	3.25E-01	1.23E-03	3.26E-01
558670.644160579.24	558670.64	4160579.24	WRKR_573	3.28E-01	1.14E-03	3.29E-01
558670.644160589.24	558670.64	4160589.24	WRKR_574	3.31E-01	1.06E-03	3.32E-01
558495.44160499.48	558495.4	4160499.48	WRKR_575	3.68E-01	1.01E-03	3.69E-01
558495.44160509.48	558495.4	4160509.48	WRKR_576	4.01E-01	1.07E-03	4.02E-01
558495.44160519.48	558495.4	4160519.48	WRKR_577	4.37E-01	1.14E-03	4.38E-01
558495.44160529.48	558495.4	4160529.48	WRKR_578	4.77E-01	1.22E-03	4.78E-01
558505.44160499.48	558505.4	4160499.48	WRKR_579	3.64E-01	1.12E-03	3.65E-01
558505.44160509.48	558505.4	4160509.48	WRKR_580	3.96E-01	1.19E-03	3.97E-01
558505.44160519.48	558505.4	4160519.48	WRKR_581	4.30E-01	1.26E-03	4.31E-01
558505.44160529.48	558505.4	4160529.48	WRKR_582	4.67E-01	1.34E-03	4.69E-01
558515.44160499.48	558515.4	4160499.48	WRKR_583	3.59E-01	1.26E-03	3.60E-01
558515.44160509.48	558515.4	4160509.48	WRKR_584	3.90E-01	1.33E-03	3.91E-01
558515.44160519.48	558515.4	4160519.48	WRKR_585	4.23E-01	1.41E-03	4.24E-01
558515.44160529.48	558515.4	4160529.48	WRKR_586	4.58E-01	1.49E-03	4.60E-01
558525.44160499.48	558525.4	4160499.48	WRKR_587	3.55E-01	1.43E-03	3.56E-01
558525.44160509.48	558525.4	4160509.48	WRKR_588	3.84E-01	1.51E-03	3.86E-01
558525.44160519.48	558525.4	4160519.48	WRKR_589	4.16E-01	1.60E-03	4.17E-01
558525.44160529.48	558525.4	4160529.48	WRKR_590	4.49E-01	1.69E-03	4.51E-01
558535.44160499.48	558535.4	4160499.48	WRKR_591	3.50E-01	1.66E-03	3.52E-01
558535.44160509.48	558535.4	4160509.48	WRKR_592	3.78E-01	1.76E-03	3.80E-01
558535.44160519.48	558535.4	4160519.48	WRKR_593	4.08E-01	1.85E-03	4.10E-01
558535.44160529.48	558535.4	4160529.48	WRKR_594	4.41E-01	1.95E-03	4.43E-01
558545.44160499.48	558545.4	4160499.48	WRKR_595	3.46E-01	1.96E-03	3.48E-01
558545.44160509.48	558545.4	4160509.48	WRKR_596	3.72E-01	2.08E-03	3.75E-01
558545.44160519.48	558545.4	4160519.48	WRKR_597	4.01E-01	2.19E-03	4.03E-01
558545.44160529.48	558545.4	4160529.48	WRKR_598	4.31E-01	2.31E-03	4.34E-01
558555.44160499.48	558555.4	4160499.48	WRKR_599	3.41E-01	2.37E-03	3.43E-01
558555.44160509.48	558555.4	4160509.48	WRKR_600	3.66E-01	2.51E-03	3.69E-01
558555.44160519.48	558555.4	4160519.48	WRKR_601	3.94E-01	2.65E-03	3.96E-01
558555.44160529.48	558555.4	4160529.48	WRKR_602	4.22E-01	2.80E-03	4.25E-01
558565.44160499.48	558565.4	4160499.48	WRKR_603	3.36E-01	2.05E-03	3.38E-01
558565.44160509.48	558565.4	4160509.48	WRKR_604	3.60E-01	2.26E-03	3.62E-01
558565.44160519.48	558565.4	4160519.48	WRKR_605	3.86E-01	1.61E-03	3.87E-01
558565.44160529.48	558565.4	4160529.48	WRKR_606	4.12E-01	2.33E-03	4.14E-01
558618.984160498.88	558618.98	4160498.88	WRKR_607	3.03E-01	1.72E-03	3.05E-01
558618.984160508.88	558618.98	4160508.88	WRKR_608	3.20E-01	2.26E-03	3.22E-01
558618.984160518.88	558618.98	4160518.88	WRKR_609	3.37E-01	2.27E-03	3.39E-01
558618.984160528.88	558618.98	4160528.88	WRKR_610	3.53E-01	2.88E-03	3.56E-01
558628.984160498.88	558628.98	4160498.88	WRKR_611	2.97E-01	2.94E-03	3.00E-01
558628.984160508.88	558628.98	4160508.88	WRKR_612	3.12E-01	2.74E-03	3.15E-01
558628.984160518.88	558628.98	4160518.88	WRKR_613	3.27E-01	2.58E-03	3.30E-01
558628.984160528.88	558628.98	4160528.88	WRKR_614	3.42E-01	2.46E-03	3.45E-01
558638.984160498.88	558638.98	4160498.88	WRKR_615	2.90E-01	2.57E-03	2.93E-01
558638.984160508.88	558638.98	4160508.88	WRKR_616	3.04E-01	2.40E-03	3.07E-01

CONSTRUCTION ONLY
Worker Cancer Risk

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

XY	X	Y	GROUP	Cancer Risk
558640.64416057	558640.64	4160579.24	WRKR_561	0.38
558640.64416058	558640.64	4160589.24	WRKR_562	0.39
558640.64416059	558640.64	4160599.24	WRKR_563	0.39
558650.64416056	558650.64	4160569.24	WRKR_564	0.36
558650.64416057	558650.64	4160579.24	WRKR_565	0.36
558650.64416058	558650.64	4160589.24	WRKR_566	0.37
558650.64416059	558650.64	4160599.24	WRKR_567	0.37
558660.64416056	558660.64	4160569.24	WRKR_568	0.34
558660.64416057	558660.64	4160579.24	WRKR_569	0.35
558660.64416058	558660.64	4160589.24	WRKR_570	0.35
558660.64416059	558660.64	4160599.24	WRKR_571	0.35
558670.64416056	558670.64	4160569.24	WRKR_572	0.33
558670.64416057	558670.64	4160579.24	WRKR_573	0.33
558670.64416058	558670.64	4160589.24	WRKR_574	0.33
558495.44160499	558495.4	4160499.48	WRKR_575	0.37
558495.44160509	558495.4	4160509.48	WRKR_576	0.40
558495.44160519	558495.4	4160519.48	WRKR_577	0.44
558495.44160529	558495.4	4160529.48	WRKR_578	0.48
558505.44160499	558505.4	4160499.48	WRKR_579	0.36
558505.44160509	558505.4	4160509.48	WRKR_580	0.40
558505.44160519	558505.4	4160519.48	WRKR_581	0.43
558505.44160529	558505.4	4160529.48	WRKR_582	0.47
558515.44160499	558515.4	4160499.48	WRKR_583	0.36
558515.44160509	558515.4	4160509.48	WRKR_584	0.39
558515.44160519	558515.4	4160519.48	WRKR_585	0.42
558515.44160529	558515.4	4160529.48	WRKR_586	0.46
558525.44160499	558525.4	4160499.48	WRKR_587	0.36
558525.44160509	558525.4	4160509.48	WRKR_588	0.39
558525.44160519	558525.4	4160519.48	WRKR_589	0.42
558525.44160529	558525.4	4160529.48	WRKR_590	0.45
558535.44160499	558535.4	4160499.48	WRKR_591	0.35
558535.44160509	558535.4	4160509.48	WRKR_592	0.38
558535.44160519	558535.4	4160519.48	WRKR_593	0.41
558535.44160529	558535.4	4160529.48	WRKR_594	0.44
558545.44160499	558545.4	4160499.48	WRKR_595	0.35
558545.44160509	558545.4	4160509.48	WRKR_596	0.37
558545.44160519	558545.4	4160519.48	WRKR_597	0.40
558545.44160529	558545.4	4160529.48	WRKR_598	0.43
558555.44160499	558555.4	4160499.48	WRKR_599	0.34
558555.44160509	558555.4	4160509.48	WRKR_600	0.37
558555.44160519	558555.4	4160519.48	WRKR_601	0.40
558555.44160529	558555.4	4160529.48	WRKR_602	0.42
558565.44160499	558565.4	4160499.48	WRKR_603	0.34
558565.44160509	558565.4	4160509.48	WRKR_604	0.36
558565.44160519	558565.4	4160519.48	WRKR_605	0.39
558565.44160529	558565.4	4160529.48	WRKR_606	0.41
558618.98416049	558618.98	4160498.88	WRKR_607	0.31
558618.98416050	558618.98	4160508.88	WRKR_608	0.32
558618.98416051	558618.98	4160518.88	WRKR_609	0.34
558618.98416052	558618.98	4160528.88	WRKR_610	0.36
558628.98416049	558628.98	4160498.88	WRKR_611	0.30
558628.98416050	558628.98	4160508.88	WRKR_612	0.31
558628.98416051	558628.98	4160518.88	WRKR_613	0.33
558628.98416052	558628.98	4160528.88	WRKR_614	0.34
558638.98416049	558638.98	4160498.88	WRKR_615	0.29
558638.98416050	558638.98	4160508.88	WRKR_616	0.31

Cancer Risk
worker - offsite

XY	X	Y	Receptor Type	16<30 Cancer Risk (cases per million) OFFROAD	16<30 Cancer Risk (cases per million) ONROAD	Total Cancer Risk (cases per million)
558638.984160518.88	558638.98	4160518.88	WRKR_617	3.18E-01	2.27E-03	3.20E-01
558638.984160528.88	558638.98	4160528.88	WRKR_618	3.31E-01	2.16E-03	3.34E-01
558648.984160498.88	558648.98	4160498.88	WRKR_619	2.83E-01	2.30E-03	2.85E-01
558648.984160508.88	558648.98	4160508.88	WRKR_620	2.96E-01	2.14E-03	2.98E-01
558648.984160518.88	558648.98	4160518.88	WRKR_621	3.09E-01	2.02E-03	3.11E-01
558648.984160528.88	558648.98	4160528.88	WRKR_622	3.21E-01	1.93E-03	3.23E-01
558658.984160498.88	558658.98	4160498.88	WRKR_623	2.76E-01	2.10E-03	2.78E-01
558658.984160508.88	558658.98	4160508.88	WRKR_624	2.88E-01	1.95E-03	2.90E-01
558658.984160518.88	558658.98	4160518.88	WRKR_625	2.99E-01	1.84E-03	3.01E-01
558658.984160528.88	558658.98	4160528.88	WRKR_626	3.10E-01	1.74E-03	3.12E-01
558668.984160498.88	558668.98	4160498.88	WRKR_627	2.69E-01	1.93E-03	2.71E-01
558668.984160508.88	558668.98	4160508.88	WRKR_628	2.80E-01	1.79E-03	2.82E-01
558668.984160518.88	558668.98	4160518.88	WRKR_629	2.90E-01	1.68E-03	2.92E-01
558668.984160528.88	558668.98	4160528.88	WRKR_630	2.99E-01	1.59E-03	3.01E-01
558678.984160498.88	558678.98	4160498.88	WRKR_631	2.62E-01	1.80E-03	2.64E-01
558678.984160508.88	558678.98	4160508.88	WRKR_632	2.72E-01	1.66E-03	2.73E-01
558678.984160518.88	558678.98	4160518.88	WRKR_633	2.81E-01	1.55E-03	2.82E-01
558678.984160528.88	558678.98	4160528.88	WRKR_634	2.89E-01	1.46E-03	2.91E-01
558688.984160498.88	558688.98	4160498.88	WRKR_635	2.55E-01	1.68E-03	2.57E-01
558688.984160508.88	558688.98	4160508.88	WRKR_636	2.64E-01	1.54E-03	2.65E-01
558688.984160518.88	558688.98	4160518.88	WRKR_637	2.72E-01	1.44E-03	2.73E-01
558444.414160372.35	558444.41	4160372.35	WRKR_638	1.28E-01	4.01E-04	1.29E-01
558454.414160382.35	558454.41	4160382.35	WRKR_639	1.35E-01	4.30E-04	1.35E-01
558454.414160392.35	558454.41	4160392.35	WRKR_640	1.46E-01	4.46E-04	1.46E-01
558454.414160402.35	558454.41	4160402.35	WRKR_641	1.58E-01	4.64E-04	1.58E-01
558464.414160382.35	558464.41	4160382.35	WRKR_642	1.34E-01	4.54E-04	1.35E-01
558464.414160392.35	558464.41	4160392.35	WRKR_643	1.45E-01	4.72E-04	1.45E-01
558464.414160402.35	558464.41	4160402.35	WRKR_644	1.57E-01	4.92E-04	1.58E-01
558474.414160382.35	558474.41	4160382.35	WRKR_645	1.34E-01	4.80E-04	1.34E-01
558474.414160392.35	558474.41	4160392.35	WRKR_646	1.44E-01	5.00E-04	1.45E-01
558474.414160402.35	558474.41	4160402.35	WRKR_647	1.56E-01	5.20E-04	1.57E-01
558484.414160382.35	558484.41	4160382.35	WRKR_648	1.34E-01	5.09E-04	1.34E-01
558484.414160392.35	558484.41	4160392.35	WRKR_649	1.44E-01	5.28E-04	1.44E-01
558484.414160402.35	558484.41	4160402.35	WRKR_650	1.55E-01	5.48E-04	1.56E-01
558494.414160382.35	558494.41	4160382.35	WRKR_651	1.34E-01	5.43E-04	1.34E-01
558494.414160392.35	558494.41	4160392.35	WRKR_652	1.44E-01	5.63E-04	1.44E-01
558494.414160402.35	558494.41	4160402.35	WRKR_653	1.55E-01	5.85E-04	1.56E-01
558504.414160382.35	558504.41	4160382.35	WRKR_654	1.34E-01	5.80E-04	1.34E-01
558504.414160392.35	558504.41	4160392.35	WRKR_655	1.45E-01	6.11E-04	1.46E-01
558504.414160402.35	558504.41	4160402.35	WRKR_656	1.58E-01	6.47E-04	1.59E-01
558514.414160382.35	558514.41	4160382.35	WRKR_657	1.34E-01	6.23E-04	1.35E-01
558514.414160392.35	558514.41	4160392.35	WRKR_658	1.45E-01	6.57E-04	1.46E-01
558514.414160402.35	558514.41	4160402.35	WRKR_659	1.59E-01	7.02E-04	1.59E-01
558524.414160392.35	558524.41	4160392.35	WRKR_660	1.46E-01	7.10E-04	1.47E-01
558524.414160402.35	558524.41	4160402.35	WRKR_661	1.59E-01	7.61E-04	1.60E-01
558581.824160392.36	558581.82	4160392.36	WRKR_662	1.51E-01	1.22E-03	1.52E-01
558581.824160402.36	558581.82	4160402.36	WRKR_663	1.63E-01	1.36E-03	1.64E-01
558581.824160412.36	558581.82	4160412.36	WRKR_664	1.75E-01	1.54E-03	1.77E-01
558581.824160422.36	558581.82	4160422.36	WRKR_665	1.89E-01	1.75E-03	1.91E-01
558591.824160392.36	558591.82	4160392.36	WRKR_666	1.52E-01	1.32E-03	1.53E-01
558591.824160402.36	558591.82	4160402.36	WRKR_667	1.63E-01	1.50E-03	1.65E-01
558591.824160412.36	558591.82	4160412.36	WRKR_668	1.75E-01	1.71E-03	1.77E-01
558591.824160422.36	558591.82	4160422.36	WRKR_669	1.89E-01	1.98E-03	1.91E-01
558601.824160382.36	558601.82	4160382.36	WRKR_670	1.42E-01	1.27E-03	1.43E-01
558601.824160392.36	558601.82	4160392.36	WRKR_671	1.52E-01	1.43E-03	1.54E-01
558601.824160402.36	558601.82	4160402.36	WRKR_672	1.63E-01	1.64E-03	1.65E-01

CONSTRUCTION ONLY
Worker Cancer Risk

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

XY	X	Y	GROUP	Cancer Risk
558638.98416051	558638.98	4160518.88	WRKR_617	0.32
558638.98416052	558638.98	4160528.88	WRKR_618	0.33
558648.98416049	558648.98	4160498.88	WRKR_619	0.29
558648.98416050	558648.98	4160508.88	WRKR_620	0.30
558648.98416051	558648.98	4160518.88	WRKR_621	0.31
558648.98416052	558648.98	4160528.88	WRKR_622	0.32
558658.98416049	558658.98	4160498.88	WRKR_623	0.28
558658.98416050	558658.98	4160508.88	WRKR_624	0.29
558658.98416051	558658.98	4160518.88	WRKR_625	0.30
558658.98416052	558658.98	4160528.88	WRKR_626	0.31
558668.98416049	558668.98	4160498.88	WRKR_627	0.27
558668.98416050	558668.98	4160508.88	WRKR_628	0.28
558668.98416051	558668.98	4160518.88	WRKR_629	0.29
558668.98416052	558668.98	4160528.88	WRKR_630	0.30
558678.98416049	558678.98	4160498.88	WRKR_631	0.26
558678.98416050	558678.98	4160508.88	WRKR_632	0.27
558678.98416051	558678.98	4160518.88	WRKR_633	0.28
558678.98416052	558678.98	4160528.88	WRKR_634	0.29
558688.98416049	558688.98	4160498.88	WRKR_635	0.26
558688.98416050	558688.98	4160508.88	WRKR_636	0.27
558688.98416051	558688.98	4160518.88	WRKR_637	0.27
558444.41416037	558444.41	4160372.35	WRKR_638	0.13
558454.41416038	558454.41	4160382.35	WRKR_639	0.14
558454.41416039	558454.41	4160392.35	WRKR_640	0.15
558454.41416040	558454.41	4160402.35	WRKR_641	0.16
558464.41416038	558464.41	4160382.35	WRKR_642	0.13
558464.41416039	558464.41	4160392.35	WRKR_643	0.15
558464.41416040	558464.41	4160402.35	WRKR_644	0.16
558474.41416038	558474.41	4160382.35	WRKR_645	0.13
558474.41416039	558474.41	4160392.35	WRKR_646	0.14
558474.41416040	558474.41	4160402.35	WRKR_647	0.16
558484.41416038	558484.41	4160382.35	WRKR_648	0.13
558484.41416039	558484.41	4160392.35	WRKR_649	0.14
558484.41416040	558484.41	4160402.35	WRKR_650	0.16
558494.41416038	558494.41	4160382.35	WRKR_651	0.13
558494.41416039	558494.41	4160392.35	WRKR_652	0.14
558494.41416040	558494.41	4160402.35	WRKR_653	0.16
558504.41416038	558504.41	4160382.35	WRKR_654	0.13
558504.41416039	558504.41	4160392.35	WRKR_655	0.15
558504.41416040	558504.41	4160402.35	WRKR_656	0.16
558514.41416038	558514.41	4160382.35	WRKR_657	0.13
558514.41416039	558514.41	4160392.35	WRKR_658	0.15
558514.41416040	558514.41	4160402.35	WRKR_659	0.16
558524.41416039	558524.41	4160392.35	WRKR_660	0.15
558524.41416040	558524.41	4160402.35	WRKR_661	0.16
558581.82416039	558581.82	4160392.36	WRKR_662	0.15
558581.82416040	558581.82	4160402.36	WRKR_663	0.16
558581.82416041	558581.82	4160412.36	WRKR_664	0.18
558581.82416042	558581.82	4160422.36	WRKR_665	0.19
558591.82416039	558591.82	4160392.36	WRKR_666	0.15
558591.82416040	558591.82	4160402.36	WRKR_667	0.16
558591.82416041	558591.82	4160412.36	WRKR_668	0.18
558591.82416042	558591.82	4160422.36	WRKR_669	0.19
558601.82416038	558601.82	4160382.36	WRKR_670	0.14
558601.82416039	558601.82	4160392.36	WRKR_671	0.15
558601.82416040	558601.82	4160402.36	WRKR_672	0.17

Cancer Risk
worker - offsite

XY	X	Y	Receptor Type	16<30 Cancer Risk (cases per million) OFFROAD	16<30 Cancer Risk (cases per million) ONROAD	Total Cancer Risk (cases per million)
558601.824160412.36	558601.82	4160412.36	WRKR_673	1.75E-01	1.90E-03	1.77E-01
558601.824160422.36	558601.82	4160422.36	WRKR_674	1.88E-01	2.23E-03	1.91E-01
558611.824160382.36	558611.82	4160382.36	WRKR_675	1.42E-01	1.35E-03	1.43E-01
558611.824160392.36	558611.82	4160392.36	WRKR_676	1.53E-01	1.53E-03	1.54E-01
558611.824160402.36	558611.82	4160402.36	WRKR_677	1.64E-01	1.79E-03	1.65E-01
558611.824160412.36	558611.82	4160412.36	WRKR_678	1.75E-01	2.10E-03	1.77E-01
558611.824160422.36	558611.82	4160422.36	WRKR_679	1.88E-01	2.50E-03	1.90E-01
558621.824160382.36	558621.82	4160382.36	WRKR_680	1.43E-01	1.44E-03	1.44E-01
558621.824160392.36	558621.82	4160392.36	WRKR_681	1.53E-01	1.65E-03	1.54E-01
558621.824160402.36	558621.82	4160402.36	WRKR_682	1.64E-01	1.94E-03	1.66E-01
558621.824160412.36	558621.82	4160412.36	WRKR_683	1.75E-01	2.32E-03	1.77E-01
558621.824160422.36	558621.82	4160422.36	WRKR_684	1.87E-01	1.92E-03	1.89E-01
558631.824160382.36	558631.82	4160382.36	WRKR_685	1.43E-01	1.54E-03	1.44E-01
558631.824160392.36	558631.82	4160392.36	WRKR_686	1.53E-01	1.76E-03	1.55E-01
558631.824160402.36	558631.82	4160402.36	WRKR_687	1.64E-01	2.10E-03	1.66E-01
558641.824160382.36	558641.82	4160382.36	WRKR_688	1.43E-01	1.63E-03	1.45E-01
558641.824160392.36	558641.82	4160392.36	WRKR_689	1.53E-01	1.88E-03	1.55E-01
558641.824160402.36	558641.82	4160402.36	WRKR_690	1.63E-01	2.27E-03	1.66E-01
558651.824160382.36	558651.82	4160382.36	WRKR_691	1.43E-01	1.75E-03	1.45E-01
558651.824160392.36	558651.82	4160392.36	WRKR_692	1.53E-01	2.03E-03	1.55E-01
558651.824160402.36	558651.82	4160402.36	WRKR_693	1.63E-01	2.47E-03	1.66E-01
558661.824160382.36	558661.82	4160382.36	WRKR_694	1.43E-01	1.89E-03	1.45E-01
558661.824160392.36	558661.82	4160392.36	WRKR_695	1.53E-01	2.19E-03	1.55E-01
558661.824160402.36	558661.82	4160402.36	WRKR_696	1.63E-01	2.68E-03	1.65E-01
558671.824160362.36	558671.82	4160362.36	WRKR_697	1.26E-01	1.70E-03	1.28E-01
558671.824160372.36	558671.82	4160372.36	WRKR_698	1.35E-01	1.84E-03	1.36E-01
558671.824160382.36	558671.82	4160382.36	WRKR_699	1.43E-01	2.05E-03	1.45E-01
558671.824160392.36	558671.82	4160392.36	WRKR_700	1.53E-01	2.37E-03	1.55E-01
558671.824160402.36	558671.82	4160402.36	WRKR_701	1.62E-01	2.90E-03	1.65E-01
558681.824160362.36	558681.82	4160362.36	WRKR_702	1.27E-01	1.90E-03	1.28E-01
558681.824160372.36	558681.82	4160372.36	WRKR_703	1.34E-01	2.00E-03	1.36E-01
558681.824160382.36	558681.82	4160382.36	WRKR_704	1.43E-01	2.23E-03	1.45E-01
558681.824160392.36	558681.82	4160392.36	WRKR_705	1.52E-01	2.57E-03	1.55E-01
558681.824160402.36	558681.82	4160402.36	WRKR_706	1.61E-01	3.11E-03	1.64E-01
558691.824160362.36	558691.82	4160362.36	WRKR_707	1.27E-01	2.18E-03	1.29E-01
558691.824160372.36	558691.82	4160372.36	WRKR_708	1.35E-01	2.31E-03	1.37E-01
558691.824160382.36	558691.82	4160382.36	WRKR_709	1.43E-01	2.52E-03	1.45E-01
558691.824160392.36	558691.82	4160392.36	WRKR_710	1.52E-01	2.85E-03	1.54E-01
558691.824160402.36	558691.82	4160402.36	WRKR_711	1.60E-01	3.42E-03	1.64E-01
558701.824160362.36	558701.82	4160362.36	WRKR_712	1.27E-01	2.58E-03	1.29E-01
558701.824160372.36	558701.82	4160372.36	WRKR_713	1.34E-01	2.71E-03	1.37E-01
558701.824160382.36	558701.82	4160382.36	WRKR_714	1.42E-01	2.91E-03	1.45E-01
558701.824160392.36	558701.82	4160392.36	WRKR_715	1.51E-01	3.24E-03	1.54E-01
558701.824160402.36	558701.82	4160402.36	WRKR_716	1.59E-01	3.79E-03	1.63E-01
558711.824160362.36	558711.82	4160362.36	WRKR_717	1.27E-01	3.14E-03	1.30E-01
558711.824160372.36	558711.82	4160372.36	WRKR_718	1.34E-01	3.26E-03	1.37E-01
558711.824160382.36	558711.82	4160382.36	WRKR_719	1.42E-01	2.69E-03	1.45E-01
558711.824160392.36	558711.82	4160392.36	WRKR_720	1.50E-01	3.77E-03	1.54E-01
558711.824160402.36	558711.82	4160402.36	WRKR_721	1.58E-01	2.43E-03	1.61E-01
558721.824160362.36	558721.82	4160362.36	WRKR_722	1.26E-01	1.87E-03	1.28E-01
558721.824160372.36	558721.82	4160372.36	WRKR_723	1.34E-01	2.08E-03	1.36E-01
558721.824160382.36	558721.82	4160382.36	WRKR_724	1.41E-01	2.97E-03	1.44E-01
558721.824160392.36	558721.82	4160392.36	WRKR_725	1.49E-01	2.32E-03	1.51E-01
558721.824160402.36	558721.82	4160402.36	WRKR_726	1.57E-01	2.47E-03	1.59E-01
558690.094160295.24	558690.09	4160295.24	WRKR_727	8.26E-02	1.72E-03	8.43E-02
558690.094160305.24	558690.09	4160305.24	WRKR_728	8.78E-02	1.74E-03	8.96E-02

CONSTRUCTION ONLY
Worker Cancer Risk

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

XY	X	Y	GROUP	Cancer Risk
558601.82416041	558601.82	4160412.36	WRKR_673	0.18
558601.82416042	558601.82	4160422.36	WRKR_674	0.19
558611.82416038	558611.82	4160382.36	WRKR_675	0.14
558611.82416039	558611.82	4160392.36	WRKR_676	0.15
558611.82416040	558611.82	4160402.36	WRKR_677	0.17
558611.82416041	558611.82	4160412.36	WRKR_678	0.18
558611.82416042	558611.82	4160422.36	WRKR_679	0.19
558621.82416038	558621.82	4160382.36	WRKR_680	0.14
558621.82416039	558621.82	4160392.36	WRKR_681	0.15
558621.82416040	558621.82	4160402.36	WRKR_682	0.17
558621.82416041	558621.82	4160412.36	WRKR_683	0.18
558621.82416042	558621.82	4160422.36	WRKR_684	0.19
558631.82416038	558631.82	4160382.36	WRKR_685	0.14
558631.82416039	558631.82	4160392.36	WRKR_686	0.15
558631.82416040	558631.82	4160402.36	WRKR_687	0.17
558641.82416038	558641.82	4160382.36	WRKR_688	0.14
558641.82416039	558641.82	4160392.36	WRKR_689	0.15
558641.82416040	558641.82	4160402.36	WRKR_690	0.17
558651.82416038	558651.82	4160382.36	WRKR_691	0.15
558651.82416039	558651.82	4160392.36	WRKR_692	0.16
558651.82416040	558651.82	4160402.36	WRKR_693	0.17
558661.82416038	558661.82	4160382.36	WRKR_694	0.15
558661.82416039	558661.82	4160392.36	WRKR_695	0.16
558661.82416040	558661.82	4160402.36	WRKR_696	0.17
558671.82416036	558671.82	4160362.36	WRKR_697	0.13
558671.82416037	558671.82	4160372.36	WRKR_698	0.14
558671.82416038	558671.82	4160382.36	WRKR_699	0.15
558671.82416039	558671.82	4160392.36	WRKR_700	0.15
558671.82416040	558671.82	4160402.36	WRKR_701	0.16
558681.82416036	558681.82	4160362.36	WRKR_702	0.13
558681.82416037	558681.82	4160372.36	WRKR_703	0.14
558681.82416038	558681.82	4160382.36	WRKR_704	0.15
558681.82416039	558681.82	4160392.36	WRKR_705	0.15
558681.82416040	558681.82	4160402.36	WRKR_706	0.16
558691.82416036	558691.82	4160362.36	WRKR_707	0.13
558691.82416037	558691.82	4160372.36	WRKR_708	0.14
558691.82416038	558691.82	4160382.36	WRKR_709	0.15
558691.82416039	558691.82	4160392.36	WRKR_710	0.15
558691.82416040	558691.82	4160402.36	WRKR_711	0.16
558701.82416036	558701.82	4160362.36	WRKR_712	0.13
558701.82416037	558701.82	4160372.36	WRKR_713	0.14
558701.82416038	558701.82	4160382.36	WRKR_714	0.15
558701.82416039	558701.82	4160392.36	WRKR_715	0.15
558701.82416040	558701.82	4160402.36	WRKR_716	0.16
558711.82416036	558711.82	4160362.36	WRKR_717	0.13
558711.82416037	558711.82	4160372.36	WRKR_718	0.14
558711.82416038	558711.82	4160382.36	WRKR_719	0.14
558711.82416039	558711.82	4160392.36	WRKR_720	0.15
558711.82416040	558711.82	4160402.36	WRKR_721	0.16
558721.82416036	558721.82	4160362.36	WRKR_722	0.13
558721.82416037	558721.82	4160372.36	WRKR_723	0.14
558721.82416038	558721.82	4160382.36	WRKR_724	0.14
558721.82416039	558721.82	4160392.36	WRKR_725	0.15
558721.82416040	558721.82	4160402.36	WRKR_726	0.16
558690.09416029	558690.09	4160295.24	WRKR_727	0.08
558690.09416030	558690.09	4160305.24	WRKR_728	0.09

Cancer Risk
worker - offsite

XY	X	Y	Receptor Type	16<30 Cancer Risk (cases per million) OFFROAD	16<30 Cancer Risk (cases per million) ONROAD	Total Cancer Risk (cases per million)
558690.094160315.24	558690.09	4160315.24	WRKR_729	9.35E-02	1.77E-03	9.52E-02
558690.094160325.24	558690.09	4160325.24	WRKR_730	9.95E-02	1.79E-03	1.01E-01
558690.094160335.24	558690.09	4160335.24	WRKR_731	1.06E-01	1.83E-03	1.08E-01
558700.094160295.24	558700.09	4160295.24	WRKR_732	8.31E-02	2.08E-03	8.52E-02
558700.094160305.24	558700.09	4160305.24	WRKR_733	8.84E-02	2.11E-03	9.06E-02
558700.094160315.24	558700.09	4160315.24	WRKR_734	9.40E-02	2.13E-03	9.62E-02
558700.094160325.24	558700.09	4160325.24	WRKR_735	1.00E-01	2.15E-03	1.02E-01
558700.094160335.24	558700.09	4160335.24	WRKR_736	1.06E-01	2.18E-03	1.09E-01
558710.094160295.24	558710.09	4160295.24	WRKR_737	8.37E-02	2.61E-03	8.64E-02
558710.094160305.24	558710.09	4160305.24	WRKR_738	8.90E-02	2.63E-03	9.16E-02
558710.094160315.24	558710.09	4160315.24	WRKR_739	9.46E-02	2.65E-03	9.72E-02
558710.094160325.24	558710.09	4160325.24	WRKR_740	1.00E-01	2.67E-03	1.03E-01
558710.094160335.24	558710.09	4160335.24	WRKR_741	1.07E-01	2.69E-03	1.09E-01
558720.094160295.24	558720.09	4160295.24	WRKR_742	8.44E-02	2.28E-03	8.67E-02
558720.094160305.24	558720.09	4160305.24	WRKR_743	8.96E-02	1.60E-03	9.12E-02
558720.094160315.24	558720.09	4160315.24	WRKR_744	9.51E-02	2.32E-03	9.74E-02
558720.094160325.24	558720.09	4160325.24	WRKR_745	1.01E-01	2.36E-03	1.03E-01
558612.684160297.32	558612.68	4160297.32	WRKR_746	7.86E-02	7.34E-04	7.93E-02
558612.684160307.32	558612.68	4160307.32	WRKR_747	8.38E-02	7.64E-04	8.46E-02
558612.684160317.32	558612.68	4160317.32	WRKR_748	8.95E-02	7.99E-04	9.03E-02
558612.684160327.32	558612.68	4160327.32	WRKR_749	9.57E-02	8.39E-04	9.66E-02
558612.684160337.32	558612.68	4160337.32	WRKR_750	1.03E-01	8.89E-04	1.03E-01
558622.684160297.32	558622.68	4160297.32	WRKR_751	7.92E-02	7.88E-04	8.00E-02
558622.684160307.32	558622.68	4160307.32	WRKR_752	8.45E-02	8.19E-04	8.53E-02
558622.684160317.32	558622.68	4160317.32	WRKR_753	9.02E-02	8.54E-04	9.11E-02
558622.684160327.32	558622.68	4160327.32	WRKR_754	9.65E-02	8.95E-04	9.74E-02
558622.684160337.32	558622.68	4160337.32	WRKR_755	1.03E-01	9.47E-04	1.04E-01
558632.684160297.32	558632.68	4160297.32	WRKR_756	7.99E-02	8.54E-04	8.07E-02
558632.684160307.32	558632.68	4160307.32	WRKR_757	8.52E-02	8.84E-04	8.61E-02
558632.684160317.32	558632.68	4160317.32	WRKR_758	9.09E-02	9.19E-04	9.19E-02
558632.684160327.32	558632.68	4160327.32	WRKR_759	9.72E-02	9.61E-04	9.82E-02
558632.684160337.32	558632.68	4160337.32	WRKR_760	1.04E-01	1.01E-03	1.05E-01
558642.684160297.32	558642.68	4160297.32	WRKR_761	8.07E-02	9.38E-04	8.16E-02
558642.684160307.32	558642.68	4160307.32	WRKR_762	8.59E-02	9.62E-04	8.68E-02
558642.684160317.32	558642.68	4160317.32	WRKR_763	9.17E-02	9.97E-04	9.27E-02
558642.684160327.32	558642.68	4160327.32	WRKR_764	9.79E-02	1.04E-03	9.90E-02
558642.684160337.32	558642.68	4160337.32	WRKR_765	1.05E-01	1.09E-03	1.06E-01
558652.684160297.32	558652.68	4160297.32	WRKR_766	8.13E-02	1.03E-03	8.24E-02
558652.684160307.32	558652.68	4160307.32	WRKR_767	8.66E-02	1.06E-03	8.76E-02
558652.684160317.32	558652.68	4160317.32	WRKR_768	9.24E-02	1.09E-03	9.35E-02
558652.684160327.32	558652.68	4160327.32	WRKR_769	9.86E-02	1.13E-03	9.98E-02
558652.684160337.32	558652.68	4160337.32	WRKR_770	1.05E-01	1.18E-03	1.07E-01
558662.684160297.32	558662.68	4160297.32	WRKR_771	8.21E-02	1.16E-03	8.33E-02
558662.684160307.32	558662.68	4160307.32	WRKR_772	8.74E-02	1.19E-03	8.86E-02
558662.684160317.32	558662.68	4160317.32	WRKR_773	9.31E-02	1.21E-03	9.43E-02
558662.684160327.32	558662.68	4160327.32	WRKR_774	9.93E-02	1.25E-03	1.01E-01
558662.684160337.32	558662.68	4160337.32	WRKR_775	1.06E-01	1.30E-03	1.07E-01
558672.684160297.32	558672.68	4160297.32	WRKR_776	8.26E-02	1.32E-03	8.39E-02
558672.684160307.32	558672.68	4160307.32	WRKR_777	8.80E-02	1.34E-03	8.94E-02
558672.684160317.32	558672.68	4160317.32	WRKR_778	9.38E-02	1.37E-03	9.51E-02
558672.684160327.32	558672.68	4160327.32	WRKR_779	9.99E-02	1.40E-03	1.01E-01
558672.684160337.32	558672.68	4160337.32	WRKR_780	1.07E-01	1.45E-03	1.08E-01
558543.584160290.65	558543.58	4160290.65	WRKR_781	7.39E-02	4.92E-04	7.44E-02
558553.584160300.65	558553.58	4160300.65	WRKR_782	7.86E-02	5.41E-04	7.91E-02
558553.584160310.65	558553.58	4160310.65	WRKR_783	8.36E-02	5.66E-04	8.42E-02
558553.584160320.65	558553.58	4160320.65	WRKR_784	8.91E-02	5.95E-04	8.97E-02

CONSTRUCTION ONLY
Worker Cancer Risk

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

XY	X	Y	GROUP	Cancer Risk
558690.09416031	558690.09	4160315.24	WRKR_729	0.10
558690.09416032	558690.09	4160325.24	WRKR_730	0.10
558690.09416033	558690.09	4160335.24	WRKR_731	0.11
558700.09416029	558700.09	4160295.24	WRKR_732	0.09
558700.09416030	558700.09	4160305.24	WRKR_733	0.09
558700.09416031	558700.09	4160315.24	WRKR_734	0.10
558700.09416032	558700.09	4160325.24	WRKR_735	0.10
558700.09416033	558700.09	4160335.24	WRKR_736	0.11
558710.09416029	558710.09	4160295.24	WRKR_737	0.09
558710.09416030	558710.09	4160305.24	WRKR_738	0.09
558710.09416031	558710.09	4160315.24	WRKR_739	0.10
558710.09416032	558710.09	4160325.24	WRKR_740	0.10
558710.09416033	558710.09	4160335.24	WRKR_741	0.11
558720.09416029	558720.09	4160295.24	WRKR_742	0.09
558720.09416030	558720.09	4160305.24	WRKR_743	0.09
558720.09416031	558720.09	4160315.24	WRKR_744	0.10
558720.09416032	558720.09	4160325.24	WRKR_745	0.10
558612.68416029	558612.68	4160297.32	WRKR_746	0.08
558612.68416030	558612.68	4160307.32	WRKR_747	0.08
558612.68416031	558612.68	4160317.32	WRKR_748	0.09
558612.68416032	558612.68	4160327.32	WRKR_749	0.10
558612.68416033	558612.68	4160337.32	WRKR_750	0.10
558622.68416029	558622.68	4160297.32	WRKR_751	0.08
558622.68416030	558622.68	4160307.32	WRKR_752	0.09
558622.68416031	558622.68	4160317.32	WRKR_753	0.09
558622.68416032	558622.68	4160327.32	WRKR_754	0.10
558622.68416033	558622.68	4160337.32	WRKR_755	0.10
558632.68416029	558632.68	4160297.32	WRKR_756	0.08
558632.68416030	558632.68	4160307.32	WRKR_757	0.09
558632.68416031	558632.68	4160317.32	WRKR_758	0.09
558632.68416032	558632.68	4160327.32	WRKR_759	0.10
558632.68416033	558632.68	4160337.32	WRKR_760	0.11
558642.68416029	558642.68	4160297.32	WRKR_761	0.08
558642.68416030	558642.68	4160307.32	WRKR_762	0.09
558642.68416031	558642.68	4160317.32	WRKR_763	0.09
558642.68416032	558642.68	4160327.32	WRKR_764	0.10
558642.68416033	558642.68	4160337.32	WRKR_765	0.11
558652.68416029	558652.68	4160297.32	WRKR_766	0.08
558652.68416030	558652.68	4160307.32	WRKR_767	0.09
558652.68416031	558652.68	4160317.32	WRKR_768	0.09
558652.68416032	558652.68	4160327.32	WRKR_769	0.10
558652.68416033	558652.68	4160337.32	WRKR_770	0.11
558662.68416029	558662.68	4160297.32	WRKR_771	0.08
558662.68416030	558662.68	4160307.32	WRKR_772	0.09
558662.68416031	558662.68	4160317.32	WRKR_773	0.09
558662.68416032	558662.68	4160327.32	WRKR_774	0.10
558662.68416033	558662.68	4160337.32	WRKR_775	0.11
558672.68416029	558672.68	4160297.32	WRKR_776	0.08
558672.68416030	558672.68	4160307.32	WRKR_777	0.09
558672.68416031	558672.68	4160317.32	WRKR_778	0.10
558672.68416032	558672.68	4160327.32	WRKR_779	0.10
558672.68416033	558672.68	4160337.32	WRKR_780	0.11
558543.58416029	558543.58	4160290.65	WRKR_781	0.07
558553.58416030	558553.58	4160300.65	WRKR_782	0.08
558553.58416031	558553.58	4160310.65	WRKR_783	0.08
558553.58416032	558553.58	4160320.65	WRKR_784	0.09

Cancer Risk
worker - offsite

XY	X	Y	Receptor Type	16<30 Cancer Risk (cases per million) OFFROAD	16<30 Cancer Risk (cases per million) ONROAD	Total Cancer Risk (cases per million)
558553.584160330.65	558553.58	4160330.65	WRKR_785	9.53E-02	6.26E-04	9.59E-02
558563.584160300.65	558563.58	4160300.65	WRKR_786	7.88E-02	5.70E-04	7.94E-02
558563.584160310.65	558563.58	4160310.65	WRKR_787	8.39E-02	5.98E-04	8.45E-02
558563.584160320.65	558563.58	4160320.65	WRKR_788	8.96E-02	6.29E-04	9.02E-02
558563.584160330.65	558563.58	4160330.65	WRKR_789	9.58E-02	6.63E-04	9.64E-02
558573.584160300.65	558573.58	4160300.65	WRKR_790	7.92E-02	6.02E-04	7.98E-02
558573.584160310.65	558573.58	4160310.65	WRKR_791	8.44E-02	6.31E-04	8.50E-02
558573.584160320.65	558573.58	4160320.65	WRKR_792	9.01E-02	6.64E-04	9.07E-02
558573.584160330.65	558573.58	4160330.65	WRKR_793	9.64E-02	7.01E-04	9.71E-02
558583.584160300.65	558583.58	4160300.65	WRKR_794	7.96E-02	6.37E-04	8.02E-02
558583.584160310.65	558583.58	4160310.65	WRKR_795	8.49E-02	6.67E-04	8.55E-02
558583.584160320.65	558583.58	4160320.65	WRKR_796	9.06E-02	7.02E-04	9.13E-02
558583.584160330.65	558583.58	4160330.65	WRKR_797	9.70E-02	7.42E-04	9.77E-02
558593.584160330.65	558593.58	4160330.65	WRKR_798	9.77E-02	7.87E-04	9.84E-02
558455.354160303.56	558455.35	4160303.56	WRKR_799	8.37E-02	3.31E-04	8.40E-02
558455.354160313.56	558455.35	4160313.56	WRKR_800	8.83E-02	3.43E-04	8.86E-02
558455.354160323.56	558455.35	4160323.56	WRKR_801	9.33E-02	3.55E-04	9.37E-02
558455.354160333.56	558455.35	4160333.56	WRKR_802	9.89E-02	3.68E-04	9.93E-02
558455.354160343.56	558455.35	4160343.56	WRKR_803	1.05E-01	3.82E-04	1.06E-01
558465.354160303.56	558465.35	4160303.56	WRKR_804	8.26E-02	3.48E-04	8.30E-02
558465.354160313.56	558465.35	4160313.56	WRKR_805	8.73E-02	3.60E-04	8.76E-02
558465.354160323.56	558465.35	4160323.56	WRKR_806	9.23E-02	3.73E-04	9.27E-02
558465.354160333.56	558465.35	4160333.56	WRKR_807	9.80E-02	3.87E-04	9.84E-02
558465.354160343.56	558465.35	4160343.56	WRKR_808	1.04E-01	4.02E-04	1.05E-01
558475.354160303.56	558475.35	4160303.56	WRKR_809	8.18E-02	3.64E-04	8.21E-02
558475.354160313.56	558475.35	4160313.56	WRKR_810	8.64E-02	3.78E-04	8.68E-02
558475.354160323.56	558475.35	4160323.56	WRKR_811	9.16E-02	3.93E-04	9.19E-02
558475.354160333.56	558475.35	4160333.56	WRKR_812	9.72E-02	4.08E-04	9.76E-02
558475.354160343.56	558475.35	4160343.56	WRKR_813	1.04E-01	4.24E-04	1.04E-01
558485.354160303.56	558485.35	4160303.56	WRKR_814	8.11E-02	3.83E-04	8.15E-02
558485.354160313.56	558485.35	4160313.56	WRKR_815	8.57E-02	3.96E-04	8.61E-02
558485.354160323.56	558485.35	4160323.56	WRKR_816	9.09E-02	4.13E-04	9.14E-02
558485.354160333.56	558485.35	4160333.56	WRKR_817	9.67E-02	4.30E-04	9.71E-02
558485.354160343.56	558485.35	4160343.56	WRKR_818	1.03E-01	4.48E-04	1.04E-01
558495.354160303.56	558495.35	4160303.56	WRKR_819	8.05E-02	4.03E-04	8.09E-02
558495.354160313.56	558495.35	4160313.56	WRKR_820	8.53E-02	4.19E-04	8.57E-02
558495.354160323.56	558495.35	4160323.56	WRKR_821	9.05E-02	4.36E-04	9.10E-02
558495.354160333.56	558495.35	4160333.56	WRKR_822	9.63E-02	4.54E-04	9.68E-02
558495.354160343.56	558495.35	4160343.56	WRKR_823	1.03E-01	4.75E-04	1.03E-01
558505.354160303.56	558505.35	4160303.56	WRKR_824	8.01E-02	4.24E-04	8.05E-02
558505.354160313.56	558505.35	4160313.56	WRKR_825	8.49E-02	4.42E-04	8.54E-02
558505.354160323.56	558505.35	4160323.56	WRKR_826	9.02E-02	4.61E-04	9.07E-02
558505.354160333.56	558505.35	4160333.56	WRKR_827	9.62E-02	4.81E-04	9.66E-02
558515.354160303.56	558515.35	4160303.56	WRKR_828	7.98E-02	4.48E-04	8.03E-02
558515.354160313.56	558515.35	4160313.56	WRKR_829	8.47E-02	4.66E-04	8.52E-02
558515.354160323.56	558515.35	4160323.56	WRKR_830	9.01E-02	4.87E-04	9.06E-02
558515.354160333.56	558515.35	4160333.56	WRKR_831	9.61E-02	5.09E-04	9.66E-02
558525.354160303.56	558525.35	4160303.56	WRKR_832	7.97E-02	4.72E-04	8.02E-02
558525.354160313.56	558525.35	4160313.56	WRKR_833	8.47E-02	4.92E-04	8.52E-02
558525.354160323.56	558525.35	4160323.56	WRKR_834	9.02E-02	5.15E-04	9.07E-02
558525.354160333.56	558525.35	4160333.56	WRKR_835	9.62E-02	5.40E-04	9.68E-02
558535.354160303.56	558535.35	4160303.56	WRKR_836	7.97E-02	4.97E-04	8.02E-02
558535.354160313.56	558535.35	4160313.56	WRKR_837	8.47E-02	5.20E-04	8.53E-02
558535.354160323.56	558535.35	4160323.56	WRKR_838	9.03E-02	5.45E-04	9.09E-02
558535.354160333.56	558535.35	4160333.56	WRKR_839	9.65E-02	5.71E-04	9.70E-02
558616.674160229.97	558616.67	4160229.97	WRKR_840	5.39E-02	6.02E-04	5.45E-02

CONSTRUCTION ONLY
Worker Cancer Risk

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

XY	X	Y	GROUP	Cancer Risk
558553.58416033	558553.58	4160330.65	WRKR_785	0.10
558563.58416030	558563.58	4160300.65	WRKR_786	0.08
558563.58416031	558563.58	4160310.65	WRKR_787	0.08
558563.58416032	558563.58	4160320.65	WRKR_788	0.09
558563.58416033	558563.58	4160330.65	WRKR_789	0.10
558573.58416030	558573.58	4160300.65	WRKR_790	0.08
558573.58416031	558573.58	4160310.65	WRKR_791	0.09
558573.58416032	558573.58	4160320.65	WRKR_792	0.09
558573.58416033	558573.58	4160330.65	WRKR_793	0.10
558583.58416030	558583.58	4160300.65	WRKR_794	0.08
558583.58416031	558583.58	4160310.65	WRKR_795	0.09
558583.58416032	558583.58	4160320.65	WRKR_796	0.09
558583.58416033	558583.58	4160330.65	WRKR_797	0.10
558593.58416033	558593.58	4160330.65	WRKR_798	0.10
558455.35416030	558455.35	4160303.56	WRKR_799	0.08
558455.35416031	558455.35	4160313.56	WRKR_800	0.09
558455.35416032	558455.35	4160323.56	WRKR_801	0.09
558455.35416033	558455.35	4160333.56	WRKR_802	0.10
558455.35416034	558455.35	4160343.56	WRKR_803	0.11
558465.35416030	558465.35	4160303.56	WRKR_804	0.08
558465.35416031	558465.35	4160313.56	WRKR_805	0.09
558465.35416032	558465.35	4160323.56	WRKR_806	0.09
558465.35416033	558465.35	4160333.56	WRKR_807	0.10
558465.35416034	558465.35	4160343.56	WRKR_808	0.10
558475.35416030	558475.35	4160303.56	WRKR_809	0.08
558475.35416031	558475.35	4160313.56	WRKR_810	0.09
558475.35416032	558475.35	4160323.56	WRKR_811	0.09
558475.35416033	558475.35	4160333.56	WRKR_812	0.10
558475.35416034	558475.35	4160343.56	WRKR_813	0.10
558485.35416030	558485.35	4160303.56	WRKR_814	0.08
558485.35416031	558485.35	4160313.56	WRKR_815	0.09
558485.35416032	558485.35	4160323.56	WRKR_816	0.09
558485.35416033	558485.35	4160333.56	WRKR_817	0.10
558485.35416034	558485.35	4160343.56	WRKR_818	0.10
558495.35416030	558495.35	4160303.56	WRKR_819	0.08
558495.35416031	558495.35	4160313.56	WRKR_820	0.09
558495.35416032	558495.35	4160323.56	WRKR_821	0.09
558495.35416033	558495.35	4160333.56	WRKR_822	0.10
558495.35416034	558495.35	4160343.56	WRKR_823	0.10
558505.35416030	558505.35	4160303.56	WRKR_824	0.08
558505.35416031	558505.35	4160313.56	WRKR_825	0.09
558505.35416032	558505.35	4160323.56	WRKR_826	0.09
558505.35416033	558505.35	4160333.56	WRKR_827	0.10
558515.35416030	558515.35	4160303.56	WRKR_828	0.08
558515.35416031	558515.35	4160313.56	WRKR_829	0.09
558515.35416032	558515.35	4160323.56	WRKR_830	0.09
558515.35416033	558515.35	4160333.56	WRKR_831	0.10
558525.35416030	558525.35	4160303.56	WRKR_832	0.08
558525.35416031	558525.35	4160313.56	WRKR_833	0.09
558525.35416032	558525.35	4160323.56	WRKR_834	0.09
558525.35416033	558525.35	4160333.56	WRKR_835	0.10
558535.35416030	558535.35	4160303.56	WRKR_836	0.08
558535.35416031	558535.35	4160313.56	WRKR_837	0.09
558535.35416032	558535.35	4160323.56	WRKR_838	0.09
558535.35416033	558535.35	4160333.56	WRKR_839	0.10
558616.67416022	558616.67	4160229.97	WRKR_840	0.05

Cancer Risk
worker - offsite

XY	X	Y	Receptor Type	16<30 Cancer Risk (cases per million) OFFROAD	16<30 Cancer Risk (cases per million) ONROAD	Total Cancer Risk (cases per million)
558616.674160239.97	558616.67	4160239.97	WRKR_841	5.69E-02	6.26E-04	5.75E-02
558616.674160249.97	558616.67	4160249.97	WRKR_842	6.01E-02	6.52E-04	6.07E-02
558626.674160229.97	558626.67	4160229.97	WRKR_843	5.42E-02	6.55E-04	5.48E-02
558626.674160239.97	558626.67	4160239.97	WRKR_844	5.72E-02	6.82E-04	5.79E-02
558626.674160249.97	558626.67	4160249.97	WRKR_845	6.04E-02	7.09E-04	6.12E-02
558636.674160229.97	558636.67	4160229.97	WRKR_846	5.45E-02	7.19E-04	5.52E-02
558636.674160239.97	558636.67	4160239.97	WRKR_847	5.75E-02	7.49E-04	5.83E-02
558636.674160249.97	558636.67	4160249.97	WRKR_848	6.09E-02	7.79E-04	6.16E-02
558646.674160229.97	558646.67	4160229.97	WRKR_849	5.48E-02	7.98E-04	5.56E-02
558646.674160239.97	558646.67	4160239.97	WRKR_850	5.79E-02	8.32E-04	5.88E-02
558646.674160249.97	558646.67	4160249.97	WRKR_851	6.13E-02	8.66E-04	6.22E-02
558656.674160229.97	558656.67	4160229.97	WRKR_852	5.52E-02	8.97E-04	5.61E-02
558656.674160239.97	558656.67	4160239.97	WRKR_853	5.84E-02	9.35E-04	5.93E-02
558666.674160229.97	558666.67	4160229.97	WRKR_854	5.56E-02	1.02E-03	5.67E-02
558666.674160239.97	558666.67	4160239.97	WRKR_855	5.88E-02	1.07E-03	5.99E-02
558676.674160229.97	558676.67	4160229.97	WRKR_856	5.61E-02	1.18E-03	5.73E-02
558676.674160239.97	558676.67	4160239.97	WRKR_857	5.93E-02	1.24E-03	6.06E-02
558686.674160229.97	558686.67	4160229.97	WRKR_858	5.66E-02	1.39E-03	5.80E-02
558686.674160239.97	558686.67	4160239.97	WRKR_859	5.99E-02	1.47E-03	6.13E-02
558696.674160229.97	558696.67	4160229.97	WRKR_860	5.71E-02	1.68E-03	5.88E-02
558696.674160239.97	558696.67	4160239.97	WRKR_861	6.04E-02	1.77E-03	6.22E-02
558706.674160229.97	558706.67	4160229.97	WRKR_862	5.76E-02	2.06E-03	5.97E-02
558706.674160239.97	558706.67	4160239.97	WRKR_863	6.10E-02	2.20E-03	6.32E-02
558716.674160229.97	558716.67	4160229.97	WRKR_864	5.81E-02	2.60E-03	6.07E-02
558716.674160239.97	558716.67	4160239.97	WRKR_865	6.15E-02	2.03E-03	6.36E-02
558420.214160235.8	558420.21	4160235.8	WRKR_866	6.57E-02	2.30E-04	6.59E-02
558420.214160245.8	558420.21	4160245.8	WRKR_867	6.84E-02	2.37E-04	6.86E-02
558420.214160255.8	558420.21	4160255.8	WRKR_868	7.13E-02	2.44E-04	7.16E-02
558430.214160235.8	558430.21	4160235.8	WRKR_869	6.43E-02	2.39E-04	6.46E-02
558430.214160245.8	558430.21	4160245.8	WRKR_870	6.70E-02	2.47E-04	6.72E-02
558430.214160255.8	558430.21	4160255.8	WRKR_871	6.98E-02	2.54E-04	7.01E-02
558440.214160235.8	558440.21	4160235.8	WRKR_872	6.31E-02	2.49E-04	6.33E-02
558440.214160245.8	558440.21	4160245.8	WRKR_873	6.57E-02	2.57E-04	6.59E-02
558440.214160255.8	558440.21	4160255.8	WRKR_874	6.85E-02	2.65E-04	6.88E-02
558450.214160235.8	558450.21	4160235.8	WRKR_875	6.19E-02	2.59E-04	6.22E-02
558450.214160245.8	558450.21	4160245.8	WRKR_876	6.45E-02	2.67E-04	6.48E-02
558450.214160255.8	558450.21	4160255.8	WRKR_877	6.73E-02	2.76E-04	6.76E-02
558460.214160235.8	558460.21	4160235.8	WRKR_878	6.08E-02	2.69E-04	6.11E-02
558460.214160245.8	558460.21	4160245.8	WRKR_879	6.34E-02	2.78E-04	6.37E-02
558460.214160255.8	558460.21	4160255.8	WRKR_880	6.62E-02	2.87E-04	6.65E-02
558470.214160235.8	558470.21	4160235.8	WRKR_881	5.99E-02	2.80E-04	6.01E-02
558470.214160245.8	558470.21	4160245.8	WRKR_882	6.24E-02	2.90E-04	6.27E-02
558470.214160255.8	558470.21	4160255.8	WRKR_883	6.52E-02	3.00E-04	6.55E-02
558480.214160235.8	558480.21	4160235.8	WRKR_884	5.90E-02	2.92E-04	5.93E-02
558480.214160245.8	558480.21	4160245.8	WRKR_885	6.15E-02	3.03E-04	6.18E-02
558480.214160255.8	558480.21	4160255.8	WRKR_886	6.43E-02	3.14E-04	6.46E-02
558490.214160235.8	558490.21	4160235.8	WRKR_887	5.82E-02	3.05E-04	5.85E-02
558490.214160245.8	558490.21	4160245.8	WRKR_888	6.07E-02	3.16E-04	6.10E-02
558490.214160255.8	558490.21	4160255.8	WRKR_889	6.35E-02	3.28E-04	6.39E-02
558500.214160235.8	558500.21	4160235.8	WRKR_890	5.75E-02	3.20E-04	5.78E-02
558500.214160245.8	558500.21	4160245.8	WRKR_891	6.01E-02	3.31E-04	6.04E-02
558500.214160255.8	558500.21	4160255.8	WRKR_892	6.29E-02	3.44E-04	6.32E-02
558510.214160235.8	558510.21	4160235.8	WRKR_893	5.69E-02	3.35E-04	5.73E-02
558510.214160245.8	558510.21	4160245.8	WRKR_894	5.95E-02	3.48E-04	5.99E-02
558510.214160255.8	558510.21	4160255.8	WRKR_895	6.23E-02	3.61E-04	6.27E-02
558520.214160235.8	558520.21	4160235.8	WRKR_896	5.64E-02	3.51E-04	5.68E-02

CONSTRUCTION ONLY
Worker Cancer Risk

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

XY	X	Y	GROUP	Cancer Risk
558616.67416023	558616.67	4160239.97	WRKR_841	0.06
558616.67416024	558616.67	4160249.97	WRKR_842	0.06
558626.67416022	558626.67	4160229.97	WRKR_843	0.05
558626.67416023	558626.67	4160239.97	WRKR_844	0.06
558626.67416024	558626.67	4160249.97	WRKR_845	0.06
558636.67416022	558636.67	4160229.97	WRKR_846	0.06
558636.67416023	558636.67	4160239.97	WRKR_847	0.06
558636.67416024	558636.67	4160249.97	WRKR_848	0.06
558646.67416022	558646.67	4160229.97	WRKR_849	0.06
558646.67416023	558646.67	4160239.97	WRKR_850	0.06
558646.67416024	558646.67	4160249.97	WRKR_851	0.06
558656.67416022	558656.67	4160229.97	WRKR_852	0.06
558656.67416023	558656.67	4160239.97	WRKR_853	0.06
558666.67416022	558666.67	4160229.97	WRKR_854	0.06
558666.67416023	558666.67	4160239.97	WRKR_855	0.06
558676.67416022	558676.67	4160229.97	WRKR_856	0.06
558676.67416023	558676.67	4160239.97	WRKR_857	0.06
558686.67416022	558686.67	4160229.97	WRKR_858	0.06
558686.67416023	558686.67	4160239.97	WRKR_859	0.06
558696.67416022	558696.67	4160229.97	WRKR_860	0.06
558696.67416023	558696.67	4160239.97	WRKR_861	0.06
558706.67416022	558706.67	4160229.97	WRKR_862	0.06
558706.67416023	558706.67	4160239.97	WRKR_863	0.06
558716.67416022	558716.67	4160229.97	WRKR_864	0.06
558716.67416023	558716.67	4160239.97	WRKR_865	0.06
558420.21416023	558420.21	4160235.8	WRKR_866	0.07
558420.21416024	558420.21	4160245.8	WRKR_867	0.07
558420.21416025	558420.21	4160255.8	WRKR_868	0.07
558430.21416023	558430.21	4160235.8	WRKR_869	0.06
558430.21416024	558430.21	4160245.8	WRKR_870	0.07
558430.21416025	558430.21	4160255.8	WRKR_871	0.07
558440.21416023	558440.21	4160235.8	WRKR_872	0.06
558440.21416024	558440.21	4160245.8	WRKR_873	0.07
558440.21416025	558440.21	4160255.8	WRKR_874	0.07
558450.21416023	558450.21	4160235.8	WRKR_875	0.06
558450.21416024	558450.21	4160245.8	WRKR_876	0.06
558450.21416025	558450.21	4160255.8	WRKR_877	0.07
558460.21416023	558460.21	4160235.8	WRKR_878	0.06
558460.21416024	558460.21	4160245.8	WRKR_879	0.06
558460.21416025	558460.21	4160255.8	WRKR_880	0.07
558470.21416023	558470.21	4160235.8	WRKR_881	0.06
558470.21416024	558470.21	4160245.8	WRKR_882	0.06
558470.21416025	558470.21	4160255.8	WRKR_883	0.07
558480.21416023	558480.21	4160235.8	WRKR_884	0.06
558480.21416024	558480.21	4160245.8	WRKR_885	0.06
558480.21416025	558480.21	4160255.8	WRKR_886	0.06
558490.21416023	558490.21	4160235.8	WRKR_887	0.06
558490.21416024	558490.21	4160245.8	WRKR_888	0.06
558490.21416025	558490.21	4160255.8	WRKR_889	0.06
558500.21416023	558500.21	4160235.8	WRKR_890	0.06
558500.21416024	558500.21	4160245.8	WRKR_891	0.06
558500.21416025	558500.21	4160255.8	WRKR_892	0.06
558510.21416023	558510.21	4160235.8	WRKR_893	0.06
558510.21416024	558510.21	4160245.8	WRKR_894	0.06
558510.21416025	558510.21	4160255.8	WRKR_895	0.06
558520.21416023	558520.21	4160235.8	WRKR_896	0.06

Cancer Risk
worker - offsite

XY	X	Y	Receptor Type	16<30 Cancer Risk (cases per million) OFFROAD	16<30 Cancer Risk (cases per million) ONROAD	Total Cancer Risk (cases per million)
558520.214160245.8	558520.21	4160245.8	WRKR_897	5.90E-02	3.64E-04	5.94E-02
558520.214160255.8	558520.21	4160255.8	WRKR_898	6.19E-02	3.79E-04	6.22E-02
558530.214160235.8	558530.21	4160235.8	WRKR_899	5.60E-02	3.68E-04	5.63E-02
558530.214160245.8	558530.21	4160245.8	WRKR_900	5.86E-02	3.82E-04	5.90E-02
558530.214160255.8	558530.21	4160255.8	WRKR_901	6.15E-02	3.98E-04	6.19E-02
558540.214160235.8	558540.21	4160235.8	WRKR_902	5.56E-02	3.86E-04	5.60E-02
558540.214160245.8	558540.21	4160245.8	WRKR_903	5.83E-02	4.01E-04	5.87E-02
558540.214160255.8	558540.21	4160255.8	WRKR_904	6.13E-02	4.18E-04	6.17E-02
558550.214160235.8	558550.21	4160235.8	WRKR_905	5.54E-02	4.06E-04	5.58E-02
558550.214160245.8	558550.21	4160245.8	WRKR_906	5.81E-02	4.21E-04	5.85E-02
558550.214160255.8	558550.21	4160255.8	WRKR_907	6.11E-02	4.39E-04	6.15E-02
558560.214160235.8	558560.21	4160235.8	WRKR_908	5.52E-02	4.28E-04	5.56E-02
558560.214160245.8	558560.21	4160245.8	WRKR_909	5.80E-02	4.47E-04	5.84E-02
558560.214160255.8	558560.21	4160255.8	WRKR_910	6.10E-02	4.66E-04	6.15E-02
558570.214160235.8	558570.21	4160235.8	WRKR_911	5.51E-02	4.51E-04	5.56E-02
558570.214160245.8	558570.21	4160245.8	WRKR_912	5.79E-02	4.68E-04	5.84E-02
558570.214160255.8	558570.21	4160255.8	WRKR_913	6.10E-02	4.89E-04	6.15E-02
558580.214160235.8	558580.21	4160235.8	WRKR_914	5.51E-02	4.78E-04	5.56E-02
558580.214160245.8	558580.21	4160245.8	WRKR_915	5.80E-02	4.97E-04	5.85E-02
558590.214160235.8	558590.21	4160235.8	WRKR_916	5.52E-02	5.09E-04	5.57E-02
558590.214160245.8	558590.21	4160245.8	WRKR_917	5.81E-02	5.29E-04	5.86E-02
558600.214160245.8	558600.21	4160245.8	WRKR_918	5.83E-02	5.67E-04	5.88E-02

CONSTRUCTION ONLY
Worker Cancer Risk

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

XY	X	Y	GROUP	Cancer Risk
558520.21416024	558520.21	4160245.8	WRKR_897	0.06
558520.21416025	558520.21	4160255.8	WRKR_898	0.06
558530.21416023	558530.21	4160235.8	WRKR_899	0.06
558530.21416024	558530.21	4160245.8	WRKR_900	0.06
558530.21416025	558530.21	4160255.8	WRKR_901	0.06
558540.21416023	558540.21	4160235.8	WRKR_902	0.06
558540.21416024	558540.21	4160245.8	WRKR_903	0.06
558540.21416025	558540.21	4160255.8	WRKR_904	0.06
558550.21416023	558550.21	4160235.8	WRKR_905	0.06
558550.21416024	558550.21	4160245.8	WRKR_906	0.06
558550.21416025	558550.21	4160255.8	WRKR_907	0.06
558560.21416023	558560.21	4160235.8	WRKR_908	0.06
558560.21416024	558560.21	4160245.8	WRKR_909	0.06
558560.21416025	558560.21	4160255.8	WRKR_910	0.06
558570.21416023	558570.21	4160235.8	WRKR_911	0.06
558570.21416024	558570.21	4160245.8	WRKR_912	0.06
558570.21416025	558570.21	4160255.8	WRKR_913	0.06
558580.21416023	558580.21	4160235.8	WRKR_914	0.06
558580.21416024	558580.21	4160245.8	WRKR_915	0.06
558590.21416023	558590.21	4160235.8	WRKR_916	0.06
558590.21416024	558590.21	4160245.8	WRKR_917	0.06
558600.21416024	558600.21	4160245.8	WRKR_918	0.06

				AG	AH		AG	AH		AG	AH		AG	AH	
Chronic Hazard Index				**Year 1**			**Year 2**			**Year 3**			**Year 4**		
DPM REL (µg/m³)	**5.0**			**Project Concentrations (µg/m³)**			**(µg/m³)**			**(µg/m³)**			**(µg/m³)**		
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**
557996.384160720.52	557996	4160721	WRKR_1	2.98E-02	1.70E-06	**5.96E-03**	2.23E-02	2.64E-06	**4.46E-03**	2.84E-02	2.45E-06	**5.67E-03**	4.07E-02	2.71E-06	**8.14E-03**
557996.384160730.52	557996	4160731	WRKR_2	2.93E-02	1.70E-06	**5.86E-03**	2.19E-02	2.62E-06	**4.39E-03**	2.79E-02	2.44E-06	**5.59E-03**	4.01E-02	2.70E-06	**8.01E-03**
557996.384160740.52	557996	4160741	WRKR_3	2.85E-02	1.68E-06	**5.70E-03**	2.13E-02	2.60E-06	**4.26E-03**	2.71E-02	2.42E-06	**5.43E-03**	3.89E-02	2.68E-06	**7.79E-03**
558006.384160710.52	558006	4160711	WRKR_4	3.41E-02	1.77E-06	**6.81E-03**	2.55E-02	2.74E-06	**5.10E-03**	3.24E-02	2.55E-06	**6.49E-03**	4.65E-02	2.82E-06	**9.31E-03**
558006.384160720.52	558006	4160721	WRKR_5	3.36E-02	1.76E-06	**6.72E-03**	2.51E-02	2.73E-06	**5.03E-03**	3.20E-02	2.53E-06	**6.40E-03**	4.59E-02	2.80E-06	**9.18E-03**
558006.384160730.52	558006	4160731	WRKR_6	3.29E-02	1.75E-06	**6.57E-03**	2.46E-02	2.71E-06	**4.92E-03**	3.13E-02	2.52E-06	**6.26E-03**	4.49E-02	2.79E-06	**8.98E-03**
558006.384160740.52	558006	4160741	WRKR_7	3.20E-02	1.74E-06	**6.41E-03**	2.40E-02	2.70E-06	**4.79E-03**	3.05E-02	2.50E-06	**6.10E-03**	4.38E-02	2.77E-06	**8.75E-03**
558016.384160710.52	558016	4160711	WRKR_8	3.88E-02	1.83E-06	**7.75E-03**	2.90E-02	2.84E-06	**5.80E-03**	3.69E-02	2.64E-06	**7.39E-03**	5.30E-02	2.92E-06	**1.06E-02**
558016.384160720.52	558016	4160721	WRKR_9	3.81E-02	1.82E-06	**7.61E-03**	2.85E-02	2.82E-06	**5.70E-03**	3.63E-02	2.62E-06	**7.26E-03**	5.20E-02	2.90E-06	**1.04E-02**
558016.384160730.52	558016	4160731	WRKR_10	3.71E-02	1.81E-06	**7.42E-03**	2.78E-02	2.81E-06	**5.56E-03**	3.54E-02	2.61E-06	**7.07E-03**	5.07E-02	2.88E-06	**1.01E-02**
558016.384160740.52	558016	4160741	WRKR_11	3.59E-02	1.80E-06	**7.19E-03**	2.69E-02	2.79E-06	**5.38E-03**	3.42E-02	2.59E-06	**6.85E-03**	4.91E-02	2.86E-06	**9.82E-03**
558026.384160710.52	558026	4160711	WRKR_12	4.42E-02	1.89E-06	**8.83E-03**	3.31E-02	2.93E-06	**6.61E-03**	4.21E-02	2.72E-06	**8.42E-03**	6.04E-02	3.01E-06	**1.21E-02**
558026.384160720.52	558026	4160721	WRKR_13	4.35E-02	1.89E-06	**8.71E-03**	3.26E-02	2.92E-06	**6.52E-03**	4.15E-02	2.71E-06	**8.30E-03**	5.95E-02	3.00E-06	**1.19E-02**
558026.384160730.52	558026	4160731	WRKR_14	4.22E-02	1.88E-06	**8.44E-03**	3.16E-02	2.90E-06	**6.32E-03**	4.02E-02	2.70E-06	**8.04E-03**	5.77E-02	2.98E-06	**1.15E-02**
558026.384160740.52	558026	4160741	WRKR_15	4.07E-02	1.86E-06	**8.13E-03**	3.04E-02	2.88E-06	**6.09E-03**	3.87E-02	2.68E-06	**7.75E-03**	5.56E-02	2.96E-06	**1.11E-02**
558277.534160581.24	558278	4160581	WRKR_16	1.17E-01	9.31E-06	**2.34E-02**	8.76E-02	1.44E-05	**1.75E-02**	1.11E-01	1.34E-05	**2.23E-02**	1.60E-01	1.48E-05	**3.20E-02**
558277.534160591.24	558278	4160591	WRKR_17	1.41E-01	9.57E-06	**2.82E-02**	1.06E-01	1.48E-05	**2.11E-02**	1.34E-01	1.38E-05	**2.69E-02**	1.93E-01	1.52E-05	**3.86E-02**
558287.534160581.24	558288	4160581	WRKR_18	1.14E-01	1.05E-05	**2.28E-02**	8.54E-02	1.63E-05	**1.71E-02**	1.09E-01	1.51E-05	**2.17E-02**	1.56E-01	1.67E-05	**3.12E-02**
558287.534160591.24	558288	4160591	WRKR_19	1.36E-01	1.09E-05	**2.72E-02**	1.02E-01	1.68E-05	**2.03E-02**	1.29E-01	1.56E-05	**2.59E-02**	1.86E-01	1.73E-05	**3.71E-02**
558297.534160581.24	558298	4160581	WRKR_20	1.10E-01	1.20E-05	**2.20E-02**	8.24E-02	1.85E-05	**1.65E-02**	1.05E-01	1.72E-05	**2.10E-02**	1.50E-01	1.91E-05	**3.01E-02**
558297.534160591.24	558298	4160591	WRKR_21	1.31E-01	1.25E-05	**2.61E-02**	9.78E-02	1.93E-05	**1.96E-02**	1.25E-01	1.79E-05	**2.49E-02**	1.79E-01	1.99E-05	**3.57E-02**
558307.534160581.24	558308	4160581	WRKR_22	1.05E-01	1.38E-05	**2.11E-02**	7.88E-02	2.13E-05	**1.58E-02**	1.00E-01	1.98E-05	**2.01E-02**	1.44E-01	2.19E-05	**2.88E-02**
558307.534160591.24	558308	4160591	WRKR_23	1.26E-01	1.45E-05	**2.51E-02**	9.40E-02	2.25E-05	**1.88E-02**	1.20E-01	2.09E-05	**2.40E-02**	1.72E-01	2.31E-05	**3.44E-02**
558317.534160581.24	558318	4160581	WRKR_24	1.01E-01	1.59E-05	**2.02E-02**	7.56E-02	2.46E-05	**1.51E-02**	9.63E-02	2.29E-05	**1.93E-02**	1.38E-01	2.53E-05	**2.76E-02**
558317.534160591.24	558318	4160591	WRKR_25	1.21E-01	1.71E-05	**2.42E-02**	9.04E-02	2.65E-05	**1.81E-02**	1.15E-01	2.46E-05	**2.30E-02**	1.65E-01	2.73E-05	**3.30E-02**
558327.534160581.24	558328	4160581	WRKR_26	9.67E-02	1.84E-05	**1.93E-02**	7.23E-02	2.85E-05	**1.45E-02**	9.21E-02	2.64E-05	**1.84E-02**	1.32E-01	2.92E-05	**2.64E-02**
558327.534160591.24	558328	4160591	WRKR_27	1.16E-01	2.04E-05	**2.32E-02**	8.67E-02	3.15E-05	**1.73E-02**	1.10E-01	2.93E-05	**2.21E-02**	1.58E-01	3.24E-05	**3.17E-02**
558337.534160581.24	558338	4160581	WRKR_28	9.17E-02	2.09E-05	**1.84E-02**	6.87E-02	3.23E-05	**1.37E-02**	8.74E-02	3.00E-05	**1.75E-02**	1.25E-01	3.32E-05	**2.51E-02**
558101.054160547.13	558101	4160547	WRKR_29	5.19E-02	2.70E-06	**1.04E-02**	3.88E-02	4.18E-06	**7.76E-03**	4.94E-02	3.88E-06	**9.88E-03**	7.09E-02	4.30E-06	**1.42E-02**
558101.054160557.13	558101	4160557	WRKR_30	5.66E-02	2.72E-06	**1.13E-02**	4.23E-02	4.20E-06	**8.47E-03**	5.39E-02	3.90E-06	**1.08E-02**	7.73E-02	4.32E-06	**1.55E-02**
558111.054160547.13	558111	4160547	WRKR_31	5.52E-02	2.83E-06	**1.10E-02**	4.13E-02	4.38E-06	**8.26E-03**	5.26E-02	4.07E-06	**1.05E-02**	7.54E-02	4.50E-06	**1.51E-02**
558111.054160557.13	558111	4160557	WRKR_32	6.05E-02	2.84E-06	**1.21E-02**	4.53E-02	4.40E-06	**9.05E-03**	5.76E-02	4.09E-06	**1.15E-02**	8.27E-02	4.52E-06	**1.65E-02**
558111.054160567.13	558111	4160567	WRKR_33	6.65E-02	2.86E-06	**1.33E-02**	4.97E-02	4.42E-06	**9.95E-03**	6.33E-02	4.11E-06	**1.27E-02**	9.08E-02	4.54E-06	**1.82E-02**
558121.054160537.13	558121	4160537	WRKR_34	5.33E-02	2.94E-06	**1.07E-02**	3.99E-02	4.56E-06	**7.97E-03**	5.08E-02	4.23E-06	**1.02E-02**	7.28E-02	4.68E-06	**1.46E-02**
558121.054160547.13	558121	4160547	WRKR_35	5.85E-02	2.96E-06	**1.17E-02**	4.38E-02	4.59E-06	**8.76E-03**	5.57E-02	4.26E-06	**1.11E-02**	8.00E-02	4.72E-06	**1.60E-02**
558121.054160557.13	558121	4160557	WRKR_36	6.44E-02	2.98E-06	**1.29E-02**	4.82E-02	4.62E-06	**9.64E-03**	6.14E-02	4.29E-06	**1.23E-02**	8.81E-02	4.74E-06	**1.76E-02**
558121.054160567.13	558121	4160567	WRKR_37	7.12E-02	3.00E-06	**1.42E-02**	5.33E-02	4.64E-06	**1.07E-02**	6.78E-02	4.31E-06	**1.36E-02**	9.73E-02	4.77E-06	**1.95E-02**
558121.054160577.13	558121	4160577	WRKR_38	7.89E-02	3.01E-06	**1.58E-02**	5.91E-02	4.65E-06	**1.18E-02**	7.52E-02	4.32E-06	**1.50E-02**	1.08E-01	4.78E-06	**2.16E-02**
558121.054160587.13	558121	4160587	WRKR_39	8.78E-02	3.01E-06	**1.76E-02**	6.57E-02	4.66E-06	**1.31E-02**	8.37E-02	4.33E-06	**1.67E-02**	1.20E-01	4.79E-06	**2.40E-02**
558131.054160527.13	558131	4160527	WRKR_40	5.09E-02	3.06E-06	**1.02E-02**	3.81E-02	4.74E-06	**7.61E-03**	4.85E-02	4.40E-06	**9.69E-03**	6.95E-02	4.87E-06	**1.39E-02**
558131.054160537.13	558131	4160537	WRKR_41	5.60E-02	3.09E-06	**1.12E-02**	4.19E-02	4.78E-06	**8.38E-03**	5.34E-02	4.44E-06	**1.07E-02**	7.65E-02	4.91E-06	**1.53E-02**
558131.054160547.13	558131	4160547	WRKR_42	6.18E-02	3.11E-06	**1.24E-02**	4.62E-02	4.82E-06	**9.24E-03**	5.88E-02	4.47E-06	**1.18E-02**	8.44E-02	4.95E-06	**1.69E-02**
558131.054160557.13	558131	4160557	WRKR_43	6.84E-02	3.13E-06	**1.37E-02**	5.12E-02	4.85E-06	**1.02E-02**	6.52E-02	4.50E-06	**1.30E-02**	9.35E-02	4.98E-06	**1.87E-02**
558131.054160567.13	558131	4160567	WRKR_44	7.60E-02	3.15E-06	**1.52E-02**	5.69E-02	4.87E-06	**1.14E-02**	7.24E-02	4.52E-06	**1.45E-02**	1.04E-01	5.01E-06	**2.08E-02**
558131.054160577.13	558131	4160577	WRKR_45	8.49E-02	3.16E-06	**1.70E-02**	6.35E-02	4.89E-06	**1.27E-02**	8.08E-02	4.54E-06	**1.62E-02**	1.16E-01	5.03E-06	**2.32E-02**
558131.054160587.13	558131	4160587	WRKR_46	9.49E-02	3.16E-06	**1.90E-02**	7.10E-02	4.90E-06	**1.42E-02**	9.05E-02	4.55E-06	**1.81E-02**	1.30E-01	5.04E-06	**2.60E-02**
558131.054160597.13	558131	4160597	WRKR_47	1.07E-01	3.17E-06	**2.13E-02**	7.97E-02	4.90E-06	**1.59E-02**	1.01E-01	4.55E-06	**2.03E-02**	1.46E-01	5.04E-06	**2.91E-02**
558141.054160527.13	558141	4160527	WRKR_48	5.30E-02	3.22E-06	**1.06E-02**	3.97E-02	4.98E-06	**7.94E-03**	5.05E-02	4.63E-06	**1.01E-02**	7.25E-02	5.12E-06	**1.45E-02**
558141.054160537.13	558141	4160537	WRKR_49	5.86E-02	3.24E-06	**1.17E-02**	4.38E-02	5.02E-06	**8.77E-03**	5.58E-02	4.67E-06	**1.12E-02**	8.00E-02	5.16E-06	**1.60E-02**
558141.054160547.13	558141	4160547	WRKR_50	6.50E-02	3.27E-06	**1.30E-02**	4.86E-02	5.06E-06	**9.73E-03**	6.19E-02	4.70E-06	**1.24E-02**	8.88E-02	5.20E-06	**1.78E-02**
558141.054160557.13	558141	4160557	WRKR_51	7.24E-02	3.29E-06	**1.45E-02**	5.41E-02	5.10E-06	**1.08E-02**	6.89E-02	4.73E-06	**1.38E-02**	9.89E-02	5.24E-06	**1.98E-02**
558141.054160567.13	558141	4160567	WRKR_52	8.10E-02	3.31E-06	**1.62E-02**	6.06E-02	5.13E-06	**1.21E-02**	7.71E-02	4.76E-06	**1.54E-02**	1.11E-01	5.27E-06	**2.21E-02**
558141.054160577.13	558141	4160577	WRKR_53	9.09E-02	3.33E-06	**1.82E-02**	6.80E-02	5.15E-06	**1.36E-02**	8.66E-02	4.78E-06	**1.73E-02**	1.24E-01	5.29E-06	**2.49E-02**
558141.054160587.13	558141	4160587	WRKR_54	1.02E-01	3.33E-06	**2.05E-02**	7.66E-02	5.16E-06	**1.53E-02**	9.75E-02	4.79E-06	**1.95E-02**	1.40E-01	5.30E-06	**2.80E-02**
558141.054160597.13	558141	4160597	WRKR_55	1.15E-01	3.34E-06	**2.31E-02**	8.64E-02	5.16E-06	**1.73E-02**	1.10E-01	4.80E-06	**2.20E-02**	1.58E-01	5.31E-06	**3.16E-02**
558141.054160607.13	558141	4160607	WRKR_56	1.30E-01	3.33E-06	**2.61E-02**	9.76E-02	5.16E-06	**1.95E-02**	1.24E-01	4.79E-06	**2.49E-02**	1.78E-01	5.30E-06	**3.56E-02**
558151.054160537.13	558151	4160537	WRKR_57	6.10E-02	3.42E-06	**1.22E-02**	4.57E-02	5.29E-06	**9.14E-03**	5.82E-02	4.91E-06	**1.16E-02**	8.34E-02	5.43E-06	**1.67E-02**
558151.054160547.13	558151	4160547	WRKR_58	6.81E-02	3.44E-06	**1.36E-02**	5.09E-02	5.33E-06	**1.02E-02**	6.48E-02	4.95E-06	**1.30E-02**	9.30E-02	5.48E-06	**1.86E-02**
558151.054160557.13	558151	4160557	WRKR_59	7.63E-02	3.47E-06	**1.53E-02**	5.71E-02	5.37E-06	**1.14E-02**	7.27E-02	4.99E-06	**1.45E-02**	1.04E-01	5.52E-06	**2.09E-02**
558151.054160567.13	558151	4160567	WRKR_60	8.60E-02	3.49E-06	**1.72E-02**	6.43E-02	5.40E-06	**1.29E-02**	8.19E-02	5.02E-06	**1.64E-02**	1.18E-01	5.55E-06	**2.35E-02**
558151.054160577.13	558151	4160577	WRKR_61	9.72E-02	3.51E-06	**1.94E-02**	7.27E-02	5.43E-06	**1.46E-02**	9.26E-02	5.04E-06	**1.85E-02**	1.33E-01	5.58E-06	**2.66E-02**
558151.054160587.13	558151	4160587	WRKR_62	1.10E-01	3.52E-06	**2.20E-02**	8.24E-02	5.45E-06	**1.65E-02**	1.05E-01	5.06E-06	**2.10E-02**	1.50E-01	5.60E-06	**3.01E-02**
558151.054160597.13	558151	4160597	WRKR_63	1.26E-01	3.52E-06	**2.52E-02**	9.45E-02	5.46E-06	**1.89E-02**	1.20E-01	5.07E-06	**2.41E-02**	1.73E-01	5.61E-06	**3.45E-02**
558151.054160607.13	558151	4160607	WRKR_64	1.45E-01	3.52E-06	**2.89E-02**	1.08E-01	5.45E-06	**2.17E-02**	1.38E-01	5.06E-06	**2.76E-02**	1.98E-01	5.60E-06	**3.95E-02**
558151.054160617.13	558151	4160617	WRKR_65	1.65E-01	3.51E-06	**3.30E-02**	1.24E-01	5.43E-06	**2.47E-02**	1.57E-01	5.05E-06	**3.15E-02**	2.26E-01	5.58E-06	**4.52E-02**
558161.054160547.13	558161	4160547	WRKR_66	7.16E-02	3.63E-06	**1.43E-02**	5.36E-02	5.63E-06	**1.07E-02**	6.82E-02	5.23E-06	**1.36E-02**	9.79E-02	5.78E-06	**1.96E-02**
558161.054160557.13	558161	4160557	WRKR_67	8.02E-02	3.66E-06	**1.60E-02**	6.00E-02	5.67E-06	**1.20E-02**	7.64E-02	5.27E-06	**1.53E-02**	1.10E-01	5.83E-06	**2.19E-02**
558161.054160567.13	558161	4160567	WRKR_68	9.10E-02	3.69E-06	**1.82E-02**	6.81E-02	5.71E-06	**1.36E-02**	8.67E-02	5.30E-06	**1.73E-02**	1.24E-01	5.87E-06	**2.49E-02**
558161.054160577.13	558161	4160577	WRKR_69	1.04E-01	3.71E-06	**2.07E-02**	7.75E-02	5.74E-06	**1.55E-02**	9.87E-02	5.33E-06	**1.97E-02**	1.42E-01	5.90E-06	**2.83E-02**
558161.054160587.13	558161	4160587	WRKR_70	1.18E-01	3.72E-06	**2.37E-02**	8.85E-02	5.76E-06	**1.77E-02**	1.13E-01	5.35E-06	**2.25E-02**	1.62E-01	5.92E-06	**3.23E-02**
558161.054160597.13	558161	4160597	WRKR_71	1.38E-01	3.73E-06	**2.77E-02**	1.04E-01	5.77E-06	**2.07E-02**	1.32E-01	5.36E-06	**2.64E-02**	1.89E-01	5.93E-06	**3.78E-02**
558161.054160607.13	558161	4160607	WRKR_72	1.58E-01	3.72E-06	**3.16E-02**	1.18E-01	5.76E-06	**2.37E-02**	1.51E-01	5.35E-06	**3.02E-02**	2.16E-01	5.92E-06	**4.33E-02**
558171.054160557.13	558171	4160557	WRKR_73	8.47E-02	3.88E-06	**1.69E-02**	6.34E-02	6.00E-06	**1.27E-02**	8.07E-02	5.57E-06	**1.61E-02**	1.16E-01	6.17E-06	**2.32E-02**

				AG	AH		AG	AH		AG	AH		AG	AH	
Chronic Hazard Index				**Year 1**			**Year 2**			**Year 3**			**Year 4**		
DPM REL (µg/m³)	**5.0**			**Project Concentrations (µg/m³)**			**(µg/m³)**			**(µg/m³)**			**(µg/m³)**		
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**
558171.054160567.13	558171	4160567	WRKR_74	9.57E-02	3.90E-06	**1.91E-02**	7.16E-02	6.04E-06	**1.43E-02**	9.12E-02	5.61E-06	**1.82E-02**	1.31E-01	6.21E-06	**2.62E-02**
558171.054160577.13	558171	4160577	WRKR_75	1.10E-01	3.93E-06	**2.20E-02**	8.22E-02	6.08E-06	**1.64E-02**	1.05E-01	5.65E-06	**2.09E-02**	1.50E-01	6.25E-06	**3.00E-02**
558171.054160587.13	558171	4160587	WRKR_76	1.26E-01	3.95E-06	**2.53E-02**	9.45E-02	6.11E-06	**1.89E-02**	1.20E-01	5.67E-06	**2.41E-02**	1.73E-01	6.28E-06	**3.45E-02**
558171.054160597.13	558171	4160597	WRKR_77	1.49E-01	3.95E-06	**2.99E-02**	1.12E-01	6.12E-06	**2.24E-02**	1.42E-01	5.68E-06	**2.85E-02**	2.04E-01	6.29E-06	**4.09E-02**
558181.054160567.13	558181	4160567	WRKR_78	1.01E-01	4.14E-06	**2.02E-02**	7.57E-02	6.42E-06	**1.51E-02**	9.64E-02	5.96E-06	**1.93E-02**	1.38E-01	6.59E-06	**2.77E-02**
558181.054160577.13	558181	4160577	WRKR_79	1.16E-01	4.17E-06	**2.32E-02**	8.69E-02	6.46E-06	**1.74E-02**	1.11E-01	6.00E-06	**2.21E-02**	1.59E-01	6.64E-06	**3.17E-02**
558181.054160587.13	558181	4160587	WRKR_80	1.35E-01	4.20E-06	**2.70E-02**	1.01E-01	6.49E-06	**2.02E-02**	1.29E-01	6.03E-06	**2.57E-02**	1.84E-01	6.67E-06	**3.69E-02**
558191.054160577.13	558191	4160577	WRKR_81	1.21E-01	4.43E-06	**2.42E-02**	9.06E-02	6.85E-06	**1.81E-02**	1.15E-01	6.36E-06	**2.31E-02**	1.66E-01	7.04E-06	**3.31E-02**
558368.544160582.33	558369	4160582	WRKR_82	8.08E-02	2.91E-05	**1.62E-02**	6.05E-02	4.50E-05	**1.21E-02**	7.70E-02	4.18E-05	**1.54E-02**	1.10E-01	4.62E-05	**2.21E-02**
558378.544160582.33	558379	4160582	WRKR_83	7.65E-02	3.06E-05	**1.53E-02**	5.73E-02	4.74E-05	**1.15E-02**	7.29E-02	4.40E-05	**1.46E-02**	1.05E-01	4.87E-05	**2.09E-02**
558378.544160592.33	558379	4160592	WRKR_84	8.67E-02	3.73E-05	**1.73E-02**	6.48E-02	5.77E-05	**1.30E-02**	8.26E-02	5.36E-05	**1.65E-02**	1.18E-01	5.93E-05	**2.37E-02**
558378.544160602.33	558379	4160602	WRKR_85	9.76E-02	4.56E-05	**1.95E-02**	7.31E-02	7.06E-05	**1.46E-02**	9.30E-02	6.56E-05	**1.86E-02**	1.33E-01	7.26E-05	**2.67E-02**
558378.544160612.33	558379	4160612	WRKR_86	1.14E-01	6.11E-05	**2.28E-02**	8.51E-02	9.46E-05	**1.70E-02**	1.08E-01	8.79E-05	**2.17E-02**	1.56E-01	9.72E-05	**3.11E-02**
558388.544160582.33	558389	4160582	WRKR_87	7.16E-02	3.21E-05	**1.43E-02**	5.36E-02	4.97E-05	**1.07E-02**	6.82E-02	4.61E-05	**1.36E-02**	9.78E-02	5.10E-05	**1.96E-02**
558388.544160592.33	558389	4160592	WRKR_88	8.04E-02	3.94E-05	**1.61E-02**	6.02E-02	6.10E-05	**1.20E-02**	7.66E-02	5.67E-05	**1.53E-02**	1.10E-01	6.27E-05	**2.20E-02**
558388.544160602.33	558389	4160602	WRKR_89	9.00E-02	4.85E-05	**1.80E-02**	6.74E-02	7.51E-05	**1.35E-02**	8.58E-02	6.98E-05	**1.72E-02**	1.23E-01	7.72E-05	**2.46E-02**
558388.544160612.33	558389	4160612	WRKR_90	1.05E-01	4.31E-05	**2.09E-02**	7.83E-02	6.68E-05	**1.57E-02**	9.97E-02	6.20E-05	**1.99E-02**	1.43E-01	6.86E-05	**2.86E-02**
558398.544160582.33	558399	4160582	WRKR_91	6.61E-02	3.39E-05	**1.32E-02**	4.94E-02	5.24E-05	**9.90E-03**	6.29E-02	4.87E-05	**1.26E-02**	9.03E-02	5.39E-05	**1.81E-02**
558398.544160592.33	558399	4160592	WRKR_92	7.39E-02	4.07E-05	**1.48E-02**	5.53E-02	6.31E-05	**1.11E-02**	7.04E-02	5.86E-05	**1.41E-02**	1.01E-01	6.48E-05	**2.02E-02**
558398.544160602.33	558399	4160602	WRKR_93	8.32E-02	5.13E-05	**1.67E-02**	6.23E-02	7.94E-05	**1.25E-02**	7.93E-02	7.37E-05	**1.59E-02**	1.14E-01	8.16E-05	**2.28E-02**
558398.544160612.33	558399	4160612	WRKR_94	9.57E-02	4.78E-05	**1.92E-02**	7.16E-02	7.41E-05	**1.43E-02**	9.12E-02	6.88E-05	**1.83E-02**	1.31E-01	7.61E-05	**2.62E-02**
557976.094160490.12	557976	4160490	HLTN_1	1.60E-02	1.62E-06	**3.20E-03**	1.20E-02	2.51E-06	**2.40E-03**	1.53E-02	2.33E-06	**3.05E-03**	2.19E-02	2.58E-06	**4.38E-03**
557976.094160500.12	557976	4160500	HLTN_2	1.66E-02	1.63E-06	**3.32E-03**	1.24E-02	2.52E-06	**2.49E-03**	1.58E-02	2.34E-06	**3.17E-03**	2.27E-02	2.59E-06	**4.54E-03**
557976.094160510.12	557976	4160510	HLTN_3	1.74E-02	1.64E-06	**3.47E-03**	1.30E-02	2.54E-06	**2.60E-03**	1.65E-02	2.36E-06	**3.31E-03**	2.37E-02	2.61E-06	**4.75E-03**
557976.094160520.12	557976	4160520	HLTN_4	1.81E-02	1.65E-06	**3.61E-03**	1.35E-02	2.56E-06	**2.71E-03**	1.72E-02	2.38E-06	**3.44E-03**	2.47E-02	2.63E-06	**4.94E-03**
557976.094160530.12	557976	4160530	HLTN_5	1.87E-02	1.66E-06	**3.74E-03**	1.40E-02	2.57E-06	**2.80E-03**	1.78E-02	2.39E-06	**3.56E-03**	2.55E-02	2.64E-06	**5.11E-03**
557986.094160480.12	557986	4160480	HLTN_6	1.65E-02	1.66E-06	**3.30E-03**	1.24E-02	2.58E-06	**2.47E-03**	1.57E-02	2.39E-06	**3.15E-03**	2.26E-02	2.65E-06	**4.51E-03**
557986.094160490.12	557986	4160490	HLTN_7	1.74E-02	1.68E-06	**3.49E-03**	1.30E-02	2.60E-06	**2.61E-03**	1.66E-02	2.42E-06	**3.32E-03**	2.38E-02	2.67E-06	**4.76E-03**
557986.094160500.12	557986	4160500	HLTN_8	1.81E-02	1.69E-06	**3.62E-03**	1.35E-02	2.62E-06	**2.71E-03**	1.72E-02	2.43E-06	**3.45E-03**	2.47E-02	2.69E-06	**4.94E-03**
557986.094160510.12	557986	4160510	HLTN_9	1.87E-02	1.70E-06	**3.75E-03**	1.40E-02	2.63E-06	**2.81E-03**	1.79E-02	2.44E-06	**3.57E-03**	2.56E-02	2.70E-06	**5.12E-03**
557986.094160520.12	557986	4160520	HLTN_10	1.94E-02	1.71E-06	**3.89E-03**	1.45E-02	2.65E-06	**2.91E-03**	1.85E-02	2.46E-06	**3.70E-03**	2.66E-02	2.72E-06	**5.31E-03**
557986.094160530.12	557986	4160530	HLTN_11	2.01E-02	1.72E-06	**4.02E-03**	1.51E-02	2.66E-06	**3.01E-03**	1.92E-02	2.47E-06	**3.83E-03**	2.75E-02	2.73E-06	**5.50E-03**
557996.094160480.12	557996	4160480	HLTN_12	1.79E-02	1.73E-06	**3.57E-03**	1.34E-02	2.67E-06	**2.67E-03**	1.70E-02	2.48E-06	**3.40E-03**	2.44E-02	2.75E-06	**4.88E-03**
557996.094160490.12	557996	4160490	HLTN_13	1.86E-02	1.74E-06	**3.72E-03**	1.39E-02	2.69E-06	**2.78E-03**	1.77E-02	2.50E-06	**3.54E-03**	2.54E-02	2.77E-06	**5.08E-03**
557996.094160500.12	557996	4160500	HLTN_14	1.93E-02	1.75E-06	**3.87E-03**	1.45E-02	2.71E-06	**2.89E-03**	1.84E-02	2.52E-06	**3.68E-03**	2.64E-02	2.78E-06	**5.28E-03**
557996.094160510.12	557996	4160510	HLTN_15	2.01E-02	1.76E-06	**4.02E-03**	1.50E-02	2.72E-06	**3.01E-03**	1.91E-02	2.53E-06	**3.83E-03**	2.75E-02	2.80E-06	**5.49E-03**
557996.094160520.12	557996	4160520	HLTN_16	2.09E-02	1.77E-06	**4.18E-03**	1.56E-02	2.74E-06	**3.13E-03**	1.99E-02	2.54E-06	**3.98E-03**	2.86E-02	2.82E-06	**5.71E-03**
557996.094160530.12	557996	4160530	HLTN_17	2.17E-02	1.78E-06	**4.34E-03**	1.62E-02	2.75E-06	**3.25E-03**	2.07E-02	2.56E-06	**4.14E-03**	2.97E-02	2.83E-06	**5.93E-03**
557996.094160540.12	557996	4160540	HLTN_18	2.25E-02	1.78E-06	**4.51E-03**	1.69E-02	2.76E-06	**3.37E-03**	2.15E-02	2.57E-06	**4.30E-03**	3.08E-02	2.84E-06	**6.16E-03**
557996.094160550.12	557996	4160550	HLTN_19	2.34E-02	1.79E-06	**4.68E-03**	1.75E-02	2.77E-06	**3.50E-03**	2.23E-02	2.57E-06	**4.46E-03**	3.20E-02	2.85E-06	**6.39E-03**
557996.094160560.12	557996	4160560	HLTN_20	2.42E-02	1.80E-06	**4.85E-03**	1.81E-02	2.78E-06	**3.63E-03**	2.31E-02	2.58E-06	**4.62E-03**	3.31E-02	2.86E-06	**6.62E-03**
557996.094160570.12	557996	4160570	HLTN_21	2.51E-02	1.80E-06	**5.01E-03**	1.88E-02	2.78E-06	**3.75E-03**	2.39E-02	2.59E-06	**4.78E-03**	3.43E-02	2.86E-06	**6.85E-03**
558006.094160480.12	558006	4160480	HLTN_22	1.90E-02	1.79E-06	**3.80E-03**	1.42E-02	2.77E-06	**2.84E-03**	1.81E-02	2.57E-06	**3.62E-03**	2.59E-02	2.84E-06	**5.19E-03**
558006.094160490.12	558006	4160490	HLTN_23	1.98E-02	1.80E-06	**3.96E-03**	1.48E-02	2.78E-06	**2.96E-03**	1.89E-02	2.59E-06	**3.77E-03**	2.71E-02	2.86E-06	**5.41E-03**
558006.094160500.12	558006	4160500	HLTN_24	2.07E-02	1.81E-06	**4.13E-03**	1.55E-02	2.80E-06	**3.09E-03**	1.97E-02	2.60E-06	**3.94E-03**	2.82E-02	2.88E-06	**5.65E-03**
558006.094160510.12	558006	4160510	HLTN_25	2.15E-02	1.82E-06	**4.31E-03**	1.61E-02	2.82E-06	**3.23E-03**	2.05E-02	2.62E-06	**4.11E-03**	2.95E-02	2.90E-06	**5.89E-03**
558006.094160520.12	558006	4160520	HLTN_26	2.25E-02	1.83E-06	**4.49E-03**	1.68E-02	2.83E-06	**3.36E-03**	2.14E-02	2.63E-06	**4.28E-03**	3.07E-02	2.91E-06	**6.14E-03**
558006.094160530.12	558006	4160530	HLTN_27	2.34E-02	1.84E-06	**4.68E-03**	1.75E-02	2.85E-06	**3.51E-03**	2.23E-02	2.65E-06	**4.46E-03**	3.20E-02	2.93E-06	**6.40E-03**
558006.094160540.12	558006	4160540	HLTN_28	2.44E-02	1.85E-06	**4.88E-03**	1.83E-02	2.86E-06	**3.65E-03**	2.32E-02	2.66E-06	**4.65E-03**	3.33E-02	2.94E-06	**6.67E-03**
558006.094160550.12	558006	4160550	HLTN_29	2.54E-02	1.85E-06	**5.08E-03**	1.90E-02	2.87E-06	**3.80E-03**	2.42E-02	2.67E-06	**4.84E-03**	3.47E-02	2.95E-06	**6.94E-03**
558006.094160560.12	558006	4160560	HLTN_30	2.64E-02	1.86E-06	**5.28E-03**	1.98E-02	2.88E-06	**3.95E-03**	2.52E-02	2.67E-06	**5.03E-03**	3.61E-02	2.96E-06	**7.22E-03**
558006.094160570.12	558006	4160570	HLTN_31	2.74E-02	1.86E-06	**5.48E-03**	2.05E-02	2.88E-06	**4.10E-03**	2.61E-02	2.68E-06	**5.22E-03**	3.75E-02	2.96E-06	**7.49E-03**
558016.094160480.12	558016	4160480	HLTN_32	2.02E-02	1.85E-06	**4.03E-03**	1.51E-02	2.86E-06	**3.02E-03**	1.92E-02	2.66E-06	**3.84E-03**	2.76E-02	2.94E-06	**5.51E-03**
558016.094160490.12	558016	4160490	HLTN_33	2.11E-02	1.86E-06	**4.22E-03**	1.58E-02	2.88E-06	**3.16E-03**	2.01E-02	2.68E-06	**4.02E-03**	2.88E-02	2.96E-06	**5.76E-03**
558016.094160500.12	558016	4160500	HLTN_34	2.21E-02	1.87E-06	**4.41E-03**	1.65E-02	2.90E-06	**3.30E-03**	2.10E-02	2.69E-06	**4.21E-03**	3.02E-02	2.98E-06	**6.03E-03**
558016.094160510.12	558016	4160510	HLTN_35	2.31E-02	1.88E-06	**4.62E-03**	1.73E-02	2.92E-06	**3.46E-03**	2.20E-02	2.71E-06	**4.40E-03**	3.16E-02	3.00E-06	**6.32E-03**
558016.094160520.12	558016	4160520	HLTN_36	2.42E-02	1.90E-06	**4.83E-03**	1.81E-02	2.93E-06	**3.62E-03**	2.30E-02	2.72E-06	**4.61E-03**	3.30E-02	3.02E-06	**6.61E-03**
558016.094160530.12	558016	4160530	HLTN_37	2.53E-02	1.91E-06	**5.06E-03**	1.89E-02	2.95E-06	**3.78E-03**	2.41E-02	2.74E-06	**4.82E-03**	3.45E-02	3.03E-06	**6.91E-03**
558016.094160540.12	558016	4160540	HLTN_38	2.64E-02	1.92E-06	**5.28E-03**	1.98E-02	2.97E-06	**3.95E-03**	2.52E-02	2.75E-06	**5.04E-03**	3.61E-02	3.05E-06	**7.22E-03**
558016.094160550.12	558016	4160550	HLTN_39	2.76E-02	1.92E-06	**5.52E-03**	2.07E-02	2.98E-06	**4.13E-03**	2.63E-02	2.76E-06	**5.26E-03**	3.78E-02	3.06E-06	**7.55E-03**
558016.094160560.12	558016	4160560	HLTN_40	2.88E-02	1.93E-06	**5.77E-03**	2.16E-02	2.98E-06	**4.32E-03**	2.75E-02	2.77E-06	**5.50E-03**	3.94E-02	3.07E-06	**7.88E-03**
558016.094160570.12	558016	4160570	HLTN_41	3.01E-02	1.93E-06	**6.01E-03**	2.25E-02	2.99E-06	**4.50E-03**	2.86E-02	2.78E-06	**5.73E-03**	4.11E-02	3.07E-06	**8.22E-03**
558026.094160480.12	558026	4160480	HLTN_42	2.14E-02	1.91E-06	**4.28E-03**	1.60E-02	2.96E-06	**3.20E-03**	2.04E-02	2.75E-06	**4.08E-03**	2.92E-02	3.05E-06	**5.85E-03**
558026.094160490.12	558026	4160490	HLTN_43	2.24E-02	1.93E-06	**4.49E-03**	1.68E-02	2.99E-06	**3.36E-03**	2.14E-02	2.77E-06	**4.28E-03**	3.07E-02	3.07E-06	**6.14E-03**
558026.094160500.12	558026	4160500	HLTN_44	2.36E-02	1.94E-06	**4.71E-03**	1.76E-02	3.00E-06	**3.53E-03**	2.25E-02	2.79E-06	**4.49E-03**	3.22E-02	3.09E-06	**6.44E-03**
558026.094160510.12	558026	4160510	HLTN_45	2.47E-02	1.95E-06	**4.94E-03**	1.85E-02	3.02E-06	**3.69E-03**	2.35E-02	2.80E-06	**4.70E-03**	3.37E-02	3.10E-06	**6.75E-03**
558026.094160520.12	558026	4160520	HLTN_46	2.60E-02	1.96E-06	**5.19E-03**	1.94E-02	3.04E-06	**3.89E-03**	2.47E-02	2.82E-06	**4.95E-03**	3.55E-02	3.12E-06	**7.10E-03**
558026.094160530.12	558026	4160530	HLTN_47	2.73E-02	1.98E-06	**5.45E-03**	2.04E-02	3.06E-06	**4.08E-03**	2.60E-02	2.84E-06	**5.20E-03**	3.73E-02	3.14E-06	**7.46E-03**
558026.094160540.12	558026	4160540	HLTN_48	2.86E-02	1.99E-06	**5.72E-03**	2.14E-02	3.08E-06	**4.28E-03**	2.73E-02	2.86E-06	**5.45E-03**	3.91E-02	3.16E-06	**7.82E-03**
558026.094160550.12	558026	4160550	HLTN_49	3.00E-02	1.99E-06	**6.01E-03**	2.25E-02	3.09E-06	**4.50E-03**	2.86E-02	2.87E-06	**5.72E-03**	4.11E-02	3.17E-06	**8.21E-03**
558026.094160560.12	558026	4160560	HLTN_50	3.15E-02	2.00E-06	**6.30E-03**	2.36E-02	3.10E-06	**4.71E-03**	3.00E-02	2.88E-06	**6.00E-03**	4.31E-02	3.18E-06	**8.61E-03**
558026.094160570.12	558026	4160570	HLTN_51	3.30E-02	2.00E-06	**6.60E-03**	2.47E-02	3.10E-06	**4.94E-03**	3.14E-02	2.88E-06	**6.29E-03**	4.51E-02	3.19E-06	**9.02E-03**
558036.094160480.12	558036	4160480	HLTN_52	2.26E-02	1.98E-06	**4.52E-03**	1.69E-02	3.06E-06	**3.38E-03**	2.15E-02	2.85E-06	**4.31E-03**	3.09E-02	3.15E-06	**6.18E-03**

				AG	AH		AG	AH		AG	AH				
Chronic Hazard Index				**Year 1**			**Year 2**			**Year 3**			**Year 4**		
DPM REL (µg/m³)	**5.0**			**Project Concentrations (µg/m³)**			**(µg/m³)**			**(µg/m³)**			**(µg/m³)**		
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**
558036.094160490.12	558036	4160490	HLTN_53	2.38E-02	2.00E-06	**4.77E-03**	1.78E-02	3.09E-06	**3.57E-03**	2.27E-02	2.87E-06	**4.54E-03**	3.26E-02	3.17E-06	**6.52E-03**
558036.094160500.12	558036	4160500	HLTN_54	2.49E-02	2.01E-06	**4.99E-03**	1.87E-02	3.11E-06	**3.73E-03**	2.38E-02	2.89E-06	**4.75E-03**	3.41E-02	3.19E-06	**6.82E-03**
558036.094160510.12	558036	4160510	HLTN_55	2.59E-02	2.01E-06	**5.18E-03**	1.94E-02	3.12E-06	**3.88E-03**	2.47E-02	2.90E-06	**4.94E-03**	3.54E-02	3.21E-06	**7.08E-03**
558036.094160520.12	558036	4160520	HLTN_56	2.75E-02	2.03E-06	**5.51E-03**	2.06E-02	3.15E-06	**4.12E-03**	2.62E-02	2.92E-06	**5.25E-03**	3.77E-02	3.23E-06	**7.53E-03**
558036.094160530.12	558036	4160530	HLTN_57	2.94E-02	2.05E-06	**5.88E-03**	2.20E-02	3.17E-06	**4.40E-03**	2.80E-02	2.95E-06	**5.60E-03**	4.02E-02	3.26E-06	**8.04E-03**
558036.094160540.12	558036	4160540	HLTN_58	3.10E-02	2.06E-06	**6.20E-03**	2.32E-02	3.19E-06	**4.64E-03**	2.95E-02	2.97E-06	**5.90E-03**	4.23E-02	3.28E-06	**8.47E-03**
558036.094160550.12	558036	4160550	HLTN_59	3.27E-02	2.07E-06	**6.53E-03**	2.44E-02	3.21E-06	**4.89E-03**	3.11E-02	2.98E-06	**6.22E-03**	4.46E-02	3.30E-06	**8.93E-03**
558036.094160560.12	558036	4160560	HLTN_60	3.44E-02	2.08E-06	**6.88E-03**	2.57E-02	3.22E-06	**5.15E-03**	3.28E-02	2.99E-06	**6.56E-03**	4.70E-02	3.31E-06	**9.41E-03**
558046.094160480.12	558046	4160480	HLTN_61	2.33E-02	2.04E-06	**4.67E-03**	1.75E-02	3.16E-06	**3.49E-03**	2.22E-02	2.94E-06	**4.45E-03**	3.19E-02	3.25E-06	**6.38E-03**
558046.094160490.12	558046	4160490	HLTN_62	2.46E-02	2.06E-06	**4.93E-03**	1.84E-02	3.19E-06	**3.69E-03**	2.35E-02	2.96E-06	**4.70E-03**	3.37E-02	3.27E-06	**6.74E-03**
558046.094160500.12	558046	4160500	HLTN_63	2.59E-02	2.07E-06	**5.18E-03**	1.94E-02	3.20E-06	**3.88E-03**	2.47E-02	2.97E-06	**4.94E-03**	3.54E-02	3.29E-06	**7.09E-03**
558046.094160510.12	558046	4160510	HLTN_64	2.73E-02	2.08E-06	**5.46E-03**	2.04E-02	3.22E-06	**4.08E-03**	2.60E-02	2.99E-06	**5.20E-03**	3.73E-02	3.31E-06	**7.46E-03**
558046.094160520.12	558046	4160520	HLTN_65	2.93E-02	2.11E-06	**5.86E-03**	2.19E-02	3.26E-06	**4.38E-03**	2.79E-02	3.03E-06	**5.58E-03**	4.00E-02	3.35E-06	**8.01E-03**
558046.094160530.12	558046	4160530	HLTN_66	3.17E-02	2.13E-06	**6.33E-03**	2.37E-02	3.30E-06	**4.74E-03**	3.02E-02	3.06E-06	**6.03E-03**	4.33E-02	3.39E-06	**8.65E-03**
558046.094160540.12	558046	4160540	HLTN_67	3.35E-02	2.14E-06	**6.70E-03**	2.51E-02	3.32E-06	**5.01E-03**	3.19E-02	3.08E-06	**6.38E-03**	4.58E-02	3.41E-06	**9.16E-03**
558046.094160550.12	558046	4160550	HLTN_68	3.55E-02	2.15E-06	**7.09E-03**	2.65E-02	3.33E-06	**5.31E-03**	3.38E-02	3.09E-06	**6.76E-03**	4.85E-02	3.42E-06	**9.70E-03**
558056.094160480.12	558056	4160480	HLTN_69	2.45E-02	2.12E-06	**4.89E-03**	1.83E-02	3.27E-06	**3.66E-03**	2.33E-02	3.04E-06	**4.66E-03**	3.34E-02	3.37E-06	**6.69E-03**
558056.094160490.12	558056	4160490	HLTN_70	2.58E-02	2.13E-06	**5.16E-03**	1.93E-02	3.29E-06	**3.86E-03**	2.46E-02	3.06E-06	**4.92E-03**	3.53E-02	3.39E-06	**7.06E-03**
558056.094160500.12	558056	4160500	HLTN_71	2.72E-02	2.14E-06	**5.44E-03**	2.03E-02	3.31E-06	**4.07E-03**	2.59E-02	3.07E-06	**5.18E-03**	3.72E-02	3.40E-06	**7.43E-03**
558056.094160510.12	558056	4160510	HLTN_72	2.89E-02	2.15E-06	**5.77E-03**	2.16E-02	3.34E-06	**4.32E-03**	2.75E-02	3.10E-06	**5.50E-03**	3.94E-02	3.43E-06	**7.89E-03**
558056.094160520.12	558056	4160520	HLTN_73	3.14E-02	2.19E-06	**6.28E-03**	2.35E-02	3.39E-06	**4.70E-03**	2.99E-02	3.15E-06	**5.98E-03**	4.29E-02	3.48E-06	**8.58E-03**
558056.094160530.12	558056	4160530	HLTN_74	3.40E-02	2.21E-06	**6.80E-03**	2.54E-02	3.43E-06	**5.09E-03**	3.24E-02	3.18E-06	**6.48E-03**	4.65E-02	3.52E-06	**9.30E-03**
558056.094160540.12	558056	4160540	HLTN_75	3.61E-02	2.23E-06	**7.23E-03**	2.70E-02	3.45E-06	**5.41E-03**	3.44E-02	3.20E-06	**6.89E-03**	4.94E-02	3.55E-06	**9.88E-03**
558066.094160480.12	558066	4160480	HLTN_76	2.65E-02	2.22E-06	**5.31E-03**	1.99E-02	3.43E-06	**3.97E-03**	2.53E-02	3.19E-06	**5.06E-03**	3.63E-02	3.53E-06	**7.25E-03**
558066.094160490.12	558066	4160490	HLTN_77	2.80E-02	2.23E-06	**5.61E-03**	2.10E-02	3.46E-06	**4.20E-03**	2.67E-02	3.21E-06	**5.35E-03**	3.83E-02	3.55E-06	**7.67E-03**
558066.094160500.12	558066	4160500	HLTN_78	2.90E-02	2.23E-06	**5.80E-03**	2.17E-02	3.45E-06	**4.34E-03**	2.76E-02	3.21E-06	**5.53E-03**	3.96E-02	3.55E-06	**7.93E-03**
558066.094160510.12	558066	4160510	HLTN_79	3.14E-02	2.26E-06	**6.29E-03**	2.35E-02	3.50E-06	**4.71E-03**	3.00E-02	3.25E-06	**5.99E-03**	4.30E-02	3.60E-06	**8.60E-03**
558066.094160520.12	558066	4160520	HLTN_80	3.41E-02	2.29E-06	**6.83E-03**	2.55E-02	3.54E-06	**5.11E-03**	3.25E-02	3.29E-06	**6.50E-03**	4.66E-02	3.64E-06	**9.33E-03**
558066.094160530.12	558066	4160530	HLTN_81	3.64E-02	2.31E-06	**7.28E-03**	2.72E-02	3.57E-06	**5.45E-03**	3.47E-02	3.32E-06	**6.94E-03**	4.98E-02	3.67E-06	**9.95E-03**
558076.094160480.12	558076	4160480	HLTN_82	2.78E-02	2.31E-06	**5.56E-03**	2.08E-02	3.58E-06	**4.16E-03**	2.65E-02	3.32E-06	**5.30E-03**	3.80E-02	3.68E-06	**7.60E-03**
558076.094160490.12	558076	4160490	HLTN_83	2.97E-02	2.33E-06	**5.93E-03**	2.22E-02	3.60E-06	**4.44E-03**	2.83E-02	3.34E-06	**5.65E-03**	4.05E-02	3.70E-06	**8.11E-03**
558076.094160500.12	558076	4160500	HLTN_84	3.06E-02	2.32E-06	**6.13E-03**	2.29E-02	3.59E-06	**4.59E-03**	2.92E-02	3.34E-06	**5.84E-03**	4.19E-02	3.69E-06	**8.37E-03**
558076.094160510.12	558076	4160510	HLTN_85	3.39E-02	2.36E-06	**6.77E-03**	2.53E-02	3.66E-06	**5.07E-03**	3.23E-02	3.40E-06	**6.45E-03**	4.63E-02	3.76E-06	**9.25E-03**
558076.094160520.12	558076	4160520	HLTN_86	3.63E-02	2.39E-06	**7.25E-03**	2.71E-02	3.69E-06	**5.43E-03**	3.45E-02	3.43E-06	**6.91E-03**	4.96E-02	3.80E-06	**9.91E-03**
558086.094160490.12	558086	4160490	HLTN_87	3.08E-02	2.42E-06	**6.16E-03**	2.31E-02	3.74E-06	**4.61E-03**	2.94E-02	3.48E-06	**5.87E-03**	4.21E-02	3.85E-06	**8.42E-03**
558086.094160500.12	558086	4160500	HLTN_88	3.26E-02	2.43E-06	**6.52E-03**	2.44E-02	3.76E-06	**4.88E-03**	3.10E-02	3.50E-06	**6.21E-03**	4.45E-02	3.87E-06	**8.91E-03**
558086.094160510.12	558086	4160510	HLTN_89	3.58E-02	2.46E-06	**7.16E-03**	2.68E-02	3.82E-06	**5.36E-03**	3.41E-02	3.54E-06	**6.82E-03**	4.89E-02	3.92E-06	**9.78E-03**
558096.094160490.12	558096	4160490	HLTN_90	3.20E-02	2.52E-06	**6.40E-03**	2.39E-02	3.90E-06	**4.79E-03**	3.05E-02	3.62E-06	**6.10E-03**	4.37E-02	4.01E-06	**8.75E-03**
558096.094160500.12	558096	4160500	HLTN_91	3.49E-02	2.55E-06	**6.99E-03**	2.61E-02	3.95E-06	**5.23E-03**	3.33E-02	3.66E-06	**6.66E-03**	4.77E-02	4.06E-06	**9.55E-03**
558186.784160496.28	558187	4160496	WRKR_95	4.05E-02	3.93E-06	**8.10E-03**	3.03E-02	6.09E-06	**6.06E-03**	3.86E-02	5.66E-06	**7.72E-03**	5.53E-02	6.26E-06	**1.11E-02**
558186.784160506.28	558187	4160506	WRKR_96	4.45E-02	3.96E-06	**8.89E-03**	3.33E-02	6.13E-06	**6.66E-03**	4.24E-02	5.69E-06	**8.47E-03**	6.08E-02	6.30E-06	**1.22E-02**
558196.784160496.28	558197	4160496	WRKR_97	4.05E-02	4.18E-06	**8.11E-03**	3.03E-02	6.47E-06	**6.07E-03**	3.86E-02	6.01E-06	**7.72E-03**	5.54E-02	6.65E-06	**1.11E-02**
558196.784160506.28	558197	4160506	WRKR_98	4.44E-02	4.21E-06	**8.88E-03**	3.32E-02	6.52E-06	**6.64E-03**	4.23E-02	6.06E-06	**8.46E-03**	6.07E-02	6.70E-06	**1.21E-02**
558196.784160516.28	558197	4160516	WRKR_99	4.93E-02	4.25E-06	**9.86E-03**	3.69E-02	6.57E-06	**7.38E-03**	4.70E-02	6.10E-06	**9.39E-03**	6.74E-02	6.76E-06	**1.35E-02**
558196.784160526.28	558197	4160526	WRKR_100	5.59E-02	4.31E-06	**1.12E-02**	4.18E-02	6.67E-06	**8.37E-03**	5.33E-02	6.20E-06	**1.07E-02**	7.64E-02	6.86E-06	**1.53E-02**
558206.784160506.28	558207	4160506	WRKR_101	4.43E-02	4.50E-06	**8.85E-03**	3.31E-02	6.96E-06	**6.63E-03**	4.22E-02	6.47E-06	**8.44E-03**	6.05E-02	7.16E-06	**1.21E-02**
558206.784160516.28	558207	4160516	WRKR_102	4.93E-02	4.56E-06	**9.87E-03**	3.69E-02	7.05E-06	**7.38E-03**	4.70E-02	6.55E-06	**9.40E-03**	6.74E-02	7.25E-06	**1.35E-02**
558206.784160526.28	558207	4160526	WRKR_103	5.53E-02	4.60E-06	**1.11E-02**	4.14E-02	7.13E-06	**8.28E-03**	5.27E-02	6.62E-06	**1.05E-02**	7.56E-02	7.32E-06	**1.51E-02**
558206.784160536.28	558207	4160536	WRKR_104	6.33E-02	4.67E-06	**1.27E-02**	4.73E-02	7.23E-06	**9.47E-03**	6.03E-02	6.72E-06	**1.21E-02**	8.64E-02	7.43E-06	**1.73E-02**
558216.784160516.28	558217	4160516	WRKR_105	4.89E-02	4.87E-06	**9.79E-03**	3.66E-02	7.54E-06	**7.33E-03**	4.66E-02	7.01E-06	**9.33E-03**	6.69E-02	7.75E-06	**1.34E-02**
558216.784160526.28	558217	4160526	WRKR_106	5.48E-02	4.94E-06	**1.10E-02**	4.10E-02	7.65E-06	**8.20E-03**	5.22E-02	7.10E-06	**1.04E-02**	7.49E-02	7.86E-06	**1.50E-02**
558216.784160536.28	558217	4160536	WRKR_107	6.19E-02	5.00E-06	**1.24E-02**	4.63E-02	7.74E-06	**9.27E-03**	5.90E-02	7.19E-06	**1.18E-02**	8.46E-02	7.96E-06	**1.69E-02**
558216.784160546.28	558217	4160546	WRKR_108	7.10E-02	5.06E-06	**1.42E-02**	5.31E-02	7.84E-06	**1.06E-02**	6.77E-02	7.28E-06	**1.35E-02**	9.70E-02	8.06E-06	**1.94E-02**
558226.784160526.28	558227	4160526	WRKR_109	5.40E-02	5.30E-06	**1.08E-02**	4.04E-02	8.20E-06	**8.08E-03**	5.15E-02	7.62E-06	**1.03E-02**	7.38E-02	8.43E-06	**1.48E-02**
558226.784160536.28	558227	4160536	WRKR_110	6.12E-02	5.38E-06	**1.22E-02**	4.58E-02	8.33E-06	**9.16E-03**	5.83E-02	7.74E-06	**1.17E-02**	8.37E-02	8.56E-06	**1.67E-02**
558226.784160546.28	558227	4160546	WRKR_111	7.02E-02	5.47E-06	**1.40E-02**	5.25E-02	8.46E-06	**1.05E-02**	6.69E-02	7.86E-06	**1.34E-02**	9.59E-02	8.70E-06	**1.92E-02**
558236.784160536.28	558237	4160536	WRKR_112	5.96E-02	5.80E-06	**1.19E-02**	4.46E-02	8.98E-06	**8.92E-03**	5.68E-02	8.34E-06	**1.14E-02**	8.14E-02	9.23E-06	**1.63E-02**
558115.174160402.59	558115	4160403	WRKR_113	1.87E-02	2.52E-06	**3.75E-03**	1.40E-02	3.91E-06	**2.80E-03**	1.78E-02	3.63E-06	**3.57E-03**	2.56E-02	4.02E-06	**5.12E-03**
558115.174160412.59	558115	4160413	WRKR_114	2.00E-02	2.55E-06	**4.00E-03**	1.50E-02	3.95E-06	**2.99E-03**	1.91E-02	3.67E-06	**3.81E-03**	2.73E-02	4.06E-06	**5.47E-03**
558115.174160422.59	558115	4160423	WRKR_115	2.14E-02	2.58E-06	**4.28E-03**	1.60E-02	3.99E-06	**3.20E-03**	2.04E-02	3.71E-06	**4.07E-03**	2.92E-02	4.10E-06	**5.84E-03**
558115.174160432.59	558115	4160433	WRKR_116	2.29E-02	2.61E-06	**4.58E-03**	1.71E-02	4.03E-06	**3.42E-03**	2.18E-02	3.75E-06	**4.36E-03**	3.13E-02	4.15E-06	**6.25E-03**
558115.174160442.59	558115	4160443	WRKR_117	2.45E-02	2.63E-06	**4.91E-03**	1.84E-02	4.07E-06	**3.67E-03**	2.34E-02	3.78E-06	**4.67E-03**	3.35E-02	4.19E-06	**6.70E-03**
558125.174160392.59	558125	4160393	WRKR_118	1.77E-02	2.60E-06	**3.55E-03**	1.33E-02	4.03E-06	**2.65E-03**	1.69E-02	3.74E-06	**3.38E-03**	2.42E-02	4.14E-06	**4.85E-03**
558125.174160402.59	558125	4160403	WRKR_119	1.89E-02	2.63E-06	**3.79E-03**	1.42E-02	4.07E-06	**2.83E-03**	1.80E-02	3.78E-06	**3.61E-03**	2.59E-02	4.19E-06	**5.18E-03**
558125.174160412.59	558125	4160413	WRKR_120	2.02E-02	2.66E-06	**4.05E-03**	1.51E-02	4.12E-06	**3.03E-03**	1.93E-02	3.82E-06	**3.86E-03**	2.77E-02	4.23E-06	**5.53E-03**
558125.174160422.59	558125	4160423	WRKR_121	2.17E-02	2.69E-06	**4.34E-03**	1.62E-02	4.16E-06	**3.24E-03**	2.07E-02	3.87E-06	**4.13E-03**	2.96E-02	4.28E-06	**5.93E-03**
558125.174160432.59	558125	4160433	WRKR_122	2.32E-02	2.72E-06	**4.65E-03**	1.74E-02	4.21E-06	**3.48E-03**	2.21E-02	3.91E-06	**4.43E-03**	3.18E-02	4.32E-06	**6.36E-03**
558125.174160442.59	558125	4160443	WRKR_123	2.50E-02	2.75E-06	**5.00E-03**	1.87E-02	4.25E-06	**3.74E-03**	2.38E-02	3.95E-06	**4.76E-03**	3.41E-02	4.37E-06	**6.83E-03**
558135.174160372.59	558135	4160373	WRKR_124	1.57E-02	2.64E-06	**3.14E-03**	1.17E-02	4.09E-06	**2.35E-03**	1.49E-02	3.80E-06	**2.99E-03**	2.14E-02	4.21E-06	**4.29E-03**
558135.174160382.59	558135	4160383	WRKR_125	1.67E-02	2.68E-06	**3.34E-03**	1.25E-02	4.14E-06	**2.50E-03**	1.59E-02	3.85E-06	**3.18E-03**	2.28E-02	4.26E-06	**4.57E-03**
558135.174160392.59	558135	4160393	WRKR_126	1.78E-02	2.71E-06	**3.57E-03**	1.33E-02	4.20E-06	**2.67E-03**	1.70E-02	3.90E-06	**3.40E-03**	2.44E-02	4.31E-06	**4.87E-03**
558135.174160402.59	558135	4160403	WRKR_127	1.91E-02	2.74E-06	**3.81E-03**	1.43E-02	4.24E-06	**2.85E-03**	1.82E-02	3.94E-06	**3.63E-03**	2.61E-02	4.36E-06	**5.21E-03**
558135.174160412.59	558135	4160413	WRKR_128	2.04E-02	2.77E-06	**4.08E-03**	1.53E-02	4.29E-06	**3.06E-03**	1.94E-02	3.99E-06	**3.89E-03**	2.79E-02	4.41E-06	**5.58E-03**

				AG	AH		AG	AH		AG	AH		AG	AH	
Chronic Hazard Index				**Year 1**			**Year 2**			**Year 3**			**Year 4**		
DPM REL (µg/m³)	**5.0**			**Project Concentrations (µg/m³)**			**(µg/m³)**			**(µg/m³)**			**(µg/m³)**		
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**
558135.174160422.59	558135	4160423	WRKR_129	2.19E-02	2.81E-06	**4.38E-03**	1.64E-02	4.35E-06	**3.28E-03**	2.09E-02	4.04E-06	**4.17E-03**	2.99E-02	4.47E-06	**5.98E-03**
558135.174160432.59	558135	4160433	WRKR_130	2.35E-02	2.84E-06	**4.71E-03**	1.76E-02	4.39E-06	**3.52E-03**	2.24E-02	4.08E-06	**4.48E-03**	3.22E-02	4.52E-06	**6.43E-03**
558135.174160442.59	558135	4160443	WRKR_131	2.53E-02	2.87E-06	**5.07E-03**	1.90E-02	4.45E-06	**3.79E-03**	2.41E-02	4.13E-06	**4.83E-03**	3.46E-02	4.57E-06	**6.92E-03**
558145.174160372.59	558145	4160373	WRKR_132	1.57E-02	2.75E-06	**3.14E-03**	1.17E-02	4.26E-06	**2.35E-03**	1.49E-02	3.96E-06	**2.99E-03**	2.14E-02	4.38E-06	**4.29E-03**
558145.174160382.59	558145	4160383	WRKR_133	1.67E-02	2.79E-06	**3.34E-03**	1.25E-02	4.32E-06	**2.50E-03**	1.59E-02	4.01E-06	**3.19E-03**	2.28E-02	4.44E-06	**4.57E-03**
558145.174160392.59	558145	4160393	WRKR_134	1.79E-02	2.83E-06	**3.57E-03**	1.34E-02	4.37E-06	**2.67E-03**	1.70E-02	4.06E-06	**3.40E-03**	2.44E-02	4.50E-06	**4.88E-03**
558145.174160402.59	558145	4160403	WRKR_135	1.91E-02	2.86E-06	**3.82E-03**	1.43E-02	4.43E-06	**2.86E-03**	1.82E-02	4.11E-06	**3.64E-03**	2.61E-02	4.55E-06	**5.23E-03**
558145.174160412.59	558145	4160413	WRKR_136	2.05E-02	2.90E-06	**4.10E-03**	1.53E-02	4.49E-06	**3.07E-03**	1.95E-02	4.17E-06	**3.91E-03**	2.80E-02	4.61E-06	**5.60E-03**
558145.174160422.59	558145	4160423	WRKR_137	2.20E-02	2.93E-06	**4.40E-03**	1.65E-02	4.54E-06	**3.30E-03**	2.10E-02	4.22E-06	**4.20E-03**	3.01E-02	4.67E-06	**6.02E-03**
558145.174160432.59	558145	4160433	WRKR_138	2.37E-02	2.97E-06	**4.74E-03**	1.77E-02	4.60E-06	**3.55E-03**	2.26E-02	4.27E-06	**4.52E-03**	3.24E-02	4.72E-06	**6.48E-03**
558145.174160442.59	558145	4160443	WRKR_139	2.56E-02	3.01E-06	**5.11E-03**	1.91E-02	4.65E-06	**3.83E-03**	2.44E-02	4.32E-06	**4.87E-03**	3.49E-02	4.78E-06	**6.99E-03**
558155.174160372.59	558155	4160373	WRKR_140	1.56E-02	2.87E-06	**3.12E-03**	1.17E-02	4.44E-06	**2.34E-03**	1.49E-02	4.13E-06	**2.98E-03**	2.13E-02	4.57E-06	**4.27E-03**
558155.174160382.59	558155	4160383	WRKR_141	1.67E-02	2.91E-06	**3.33E-03**	1.25E-02	4.51E-06	**2.50E-03**	1.59E-02	4.18E-06	**3.18E-03**	2.28E-02	4.63E-06	**4.56E-03**
558155.174160392.59	558155	4160393	WRKR_142	1.78E-02	2.95E-06	**3.57E-03**	1.33E-02	4.56E-06	**2.67E-03**	1.70E-02	4.24E-06	**3.40E-03**	2.44E-02	4.69E-06	**4.87E-03**
558155.174160402.59	558155	4160403	WRKR_143	1.91E-02	2.99E-06	**3.82E-03**	1.43E-02	4.63E-06	**2.86E-03**	1.82E-02	4.30E-06	**3.64E-03**	2.61E-02	4.76E-06	**5.22E-03**
558155.174160412.59	558155	4160413	WRKR_144	2.05E-02	3.03E-06	**4.10E-03**	1.53E-02	4.69E-06	**3.07E-03**	1.95E-02	4.36E-06	**3.91E-03**	2.80E-02	4.82E-06	**5.61E-03**
558155.174160422.59	558155	4160423	WRKR_145	2.21E-02	3.07E-06	**4.41E-03**	1.65E-02	4.75E-06	**3.30E-03**	2.10E-02	4.41E-06	**4.20E-03**	3.01E-02	4.88E-06	**6.03E-03**
558155.174160432.59	558155	4160433	WRKR_146	2.38E-02	3.11E-06	**4.76E-03**	1.78E-02	4.81E-06	**3.56E-03**	2.27E-02	4.47E-06	**4.53E-03**	3.25E-02	4.95E-06	**6.50E-03**
558155.174160442.59	558155	4160443	WRKR_147	2.57E-02	3.15E-06	**5.14E-03**	1.92E-02	4.88E-06	**3.85E-03**	2.45E-02	4.53E-06	**4.90E-03**	3.51E-02	5.01E-06	**7.02E-03**
558165.174160362.59	558165	4160363	WRKR_148	1.45E-02	2.94E-06	**2.91E-03**	1.09E-02	4.56E-06	**2.18E-03**	1.38E-02	4.23E-06	**2.77E-03**	1.99E-02	4.68E-06	**3.97E-03**
558165.174160372.59	558165	4160373	WRKR_149	1.55E-02	2.99E-06	**3.10E-03**	1.16E-02	4.63E-06	**2.32E-03**	1.48E-02	4.30E-06	**2.95E-03**	2.12E-02	4.76E-06	**4.24E-03**
558165.174160382.59	558165	4160383	WRKR_150	1.66E-02	3.04E-06	**3.31E-03**	1.24E-02	4.70E-06	**2.48E-03**	1.58E-02	4.37E-06	**3.16E-03**	2.26E-02	4.83E-06	**4.53E-03**
558165.174160392.59	558165	4160393	WRKR_151	1.77E-02	3.08E-06	**3.55E-03**	1.33E-02	4.77E-06	**2.65E-03**	1.69E-02	4.43E-06	**3.38E-03**	2.42E-02	4.90E-06	**4.85E-03**
558165.174160402.59	558165	4160403	WRKR_152	1.90E-02	3.12E-06	**3.80E-03**	1.42E-02	4.84E-06	**2.85E-03**	1.81E-02	4.49E-06	**3.62E-03**	2.60E-02	4.97E-06	**5.20E-03**
558165.174160412.59	558165	4160413	WRKR_153	2.04E-02	3.17E-06	**4.09E-03**	1.53E-02	4.91E-06	**3.06E-03**	1.95E-02	4.56E-06	**3.89E-03**	2.79E-02	5.04E-06	**5.58E-03**
558165.174160422.59	558165	4160423	WRKR_154	2.20E-02	3.21E-06	**4.40E-03**	1.65E-02	4.97E-06	**3.29E-03**	2.10E-02	4.62E-06	**4.19E-03**	3.01E-02	5.11E-06	**6.01E-03**
558165.174160432.59	558165	4160433	WRKR_155	2.37E-02	3.26E-06	**4.75E-03**	1.78E-02	5.05E-06	**3.55E-03**	2.26E-02	4.69E-06	**4.53E-03**	3.25E-02	5.19E-06	**6.49E-03**
558175.174160362.59	558175	4160363	WRKR_156	1.44E-02	3.07E-06	**2.88E-03**	1.08E-02	4.75E-06	**2.15E-03**	1.37E-02	4.41E-06	**2.74E-03**	1.96E-02	4.88E-06	**3.93E-03**
558175.174160372.59	558175	4160373	WRKR_157	1.53E-02	3.12E-06	**3.07E-03**	1.15E-02	4.83E-06	**2.30E-03**	1.46E-02	4.49E-06	**2.92E-03**	2.10E-02	4.96E-06	**4.19E-03**
558175.174160382.59	558175	4160383	WRKR_158	1.64E-02	3.17E-06	**3.28E-03**	1.23E-02	4.91E-06	**2.45E-03**	1.56E-02	4.56E-06	**3.12E-03**	2.24E-02	5.04E-06	**4.48E-03**
558175.174160392.59	558175	4160393	WRKR_159	1.76E-02	3.22E-06	**3.51E-03**	1.31E-02	4.99E-06	**2.63E-03**	1.67E-02	4.63E-06	**3.35E-03**	2.40E-02	5.12E-06	**4.80E-03**
558175.174160402.59	558175	4160403	WRKR_160	1.88E-02	3.27E-06	**3.77E-03**	1.41E-02	5.06E-06	**2.82E-03**	1.80E-02	4.70E-06	**3.59E-03**	2.58E-02	5.20E-06	**5.15E-03**
558175.174160412.59	558175	4160413	WRKR_161	2.03E-02	3.32E-06	**4.05E-03**	1.52E-02	5.14E-06	**3.03E-03**	1.93E-02	4.77E-06	**3.86E-03**	2.77E-02	5.28E-06	**5.54E-03**
558175.174160422.59	558175	4160423	WRKR_162	2.18E-02	3.37E-06	**4.37E-03**	1.63E-02	5.22E-06	**3.27E-03**	2.08E-02	4.85E-06	**4.16E-03**	2.99E-02	5.36E-06	**5.97E-03**
558185.174160362.59	558185	4160363	WRKR_163	1.42E-02	3.20E-06	**2.84E-03**	1.06E-02	4.96E-06	**2.12E-03**	1.35E-02	4.60E-06	**2.70E-03**	1.94E-02	5.10E-06	**3.88E-03**
558185.174160372.59	558185	4160373	WRKR_164	1.51E-02	3.26E-06	**3.02E-03**	1.13E-02	5.04E-06	**2.26E-03**	1.44E-02	4.68E-06	**2.88E-03**	2.07E-02	5.18E-06	**4.13E-03**
558185.174160382.59	558185	4160383	WRKR_165	1.62E-02	3.31E-06	**3.23E-03**	1.21E-02	5.13E-06	**2.42E-03**	1.54E-02	4.76E-06	**3.08E-03**	2.21E-02	5.27E-06	**4.42E-03**
558185.174160392.59	558185	4160393	WRKR_166	1.73E-02	3.37E-06	**3.47E-03**	1.30E-02	5.21E-06	**2.59E-03**	1.65E-02	4.84E-06	**3.30E-03**	2.37E-02	5.36E-06	**4.74E-03**
558185.174160402.59	558185	4160403	WRKR_167	1.86E-02	3.42E-06	**3.72E-03**	1.39E-02	5.30E-06	**2.79E-03**	1.77E-02	4.92E-06	**3.55E-03**	2.54E-02	5.45E-06	**5.09E-03**
558185.174160412.59	558185	4160413	WRKR_168	2.00E-02	3.48E-06	**4.00E-03**	1.50E-02	5.39E-06	**3.00E-03**	1.91E-02	5.00E-06	**3.82E-03**	2.74E-02	5.54E-06	**5.47E-03**
558185.174160422.59	558185	4160423	WRKR_169	2.16E-02	3.54E-06	**4.32E-03**	1.62E-02	5.47E-06	**3.23E-03**	2.06E-02	5.08E-06	**4.12E-03**	2.95E-02	5.62E-06	**5.90E-03**
558185.174160432.59	558185	4160433	WRKR_170	2.33E-02	3.59E-06	**4.67E-03**	1.75E-02	5.56E-06	**3.49E-03**	2.22E-02	5.16E-06	**4.45E-03**	3.19E-02	5.71E-06	**6.38E-03**
558185.174160442.59	558185	4160443	WRKR_171	2.53E-02	3.64E-06	**5.06E-03**	1.89E-02	5.64E-06	**3.79E-03**	2.41E-02	5.24E-06	**4.82E-03**	3.46E-02	5.80E-06	**6.91E-03**
558195.174160362.59	558195	4160363	WRKR_172	1.39E-02	3.34E-06	**2.79E-03**	1.04E-02	5.17E-06	**2.09E-03**	1.33E-02	4.80E-06	**2.66E-03**	1.90E-02	5.31E-06	**3.81E-03**
558195.174160372.59	558195	4160373	WRKR_173	1.49E-02	3.40E-06	**2.97E-03**	1.11E-02	5.26E-06	**2.23E-03**	1.42E-02	4.89E-06	**2.83E-03**	2.03E-02	5.41E-06	**4.07E-03**
558195.174160382.59	558195	4160383	WRKR_174	1.59E-02	3.46E-06	**3.18E-03**	1.19E-02	5.36E-06	**2.38E-03**	1.52E-02	4.97E-06	**3.03E-03**	2.17E-02	5.50E-06	**4.35E-03**
558195.174160392.59	558195	4160393	WRKR_175	1.70E-02	3.52E-06	**3.41E-03**	1.28E-02	5.45E-06	**2.55E-03**	1.62E-02	5.06E-06	**3.25E-03**	2.33E-02	5.60E-06	**4.66E-03**
558195.174160402.59	558195	4160403	WRKR_176	1.83E-02	3.59E-06	**3.66E-03**	1.37E-02	5.55E-06	**2.74E-03**	1.75E-02	5.16E-06	**3.49E-03**	2.50E-02	5.71E-06	**5.01E-03**
558195.174160412.59	558195	4160413	WRKR_177	1.97E-02	3.65E-06	**3.94E-03**	1.47E-02	5.65E-06	**2.95E-03**	1.88E-02	5.24E-06	**3.76E-03**	2.69E-02	5.80E-06	**5.39E-03**
558195.174160422.59	558195	4160423	WRKR_178	2.13E-02	3.71E-06	**4.25E-03**	1.59E-02	5.74E-06	**3.18E-03**	2.03E-02	5.33E-06	**4.05E-03**	2.91E-02	5.90E-06	**5.81E-03**
558195.174160432.59	558195	4160433	WRKR_179	2.30E-02	3.77E-06	**4.60E-03**	1.72E-02	5.84E-06	**3.44E-03**	2.19E-02	5.43E-06	**4.38E-03**	3.14E-02	6.00E-06	**6.29E-03**
558195.174160442.59	558195	4160443	WRKR_180	2.49E-02	3.83E-06	**4.98E-03**	1.86E-02	5.93E-06	**3.73E-03**	2.37E-02	5.51E-06	**4.74E-03**	3.40E-02	6.09E-06	**6.81E-03**
558195.174160452.59	558195	4160453	WRKR_181	2.70E-02	3.88E-06	**5.39E-03**	2.02E-02	6.01E-06	**4.04E-03**	2.57E-02	5.58E-06	**5.14E-03**	3.69E-02	6.18E-06	**7.37E-03**
558205.174160362.59	558205	4160363	WRKR_182	1.37E-02	3.49E-06	**2.74E-03**	1.02E-02	5.40E-06	**2.05E-03**	1.30E-02	5.01E-06	**2.61E-03**	1.87E-02	5.54E-06	**3.74E-03**
558205.174160372.59	558205	4160373	WRKR_183	1.46E-02	3.55E-06	**2.92E-03**	1.09E-02	5.50E-06	**2.18E-03**	1.39E-02	5.10E-06	**2.78E-03**	1.99E-02	5.65E-06	**3.99E-03**
558205.174160382.59	558205	4160383	WRKR_184	1.56E-02	3.62E-06	**3.12E-03**	1.17E-02	5.60E-06	**2.34E-03**	1.49E-02	5.20E-06	**2.97E-03**	2.13E-02	5.76E-06	**4.27E-03**
558205.174160392.59	558205	4160393	WRKR_185	1.67E-02	3.69E-06	**3.35E-03**	1.25E-02	5.71E-06	**2.50E-03**	1.59E-02	5.30E-06	**3.19E-03**	2.29E-02	5.87E-06	**4.57E-03**
558205.174160402.59	558205	4160403	WRKR_186	1.80E-02	3.76E-06	**3.60E-03**	1.34E-02	5.82E-06	**2.69E-03**	1.71E-02	5.40E-06	**3.43E-03**	2.46E-02	5.98E-06	**4.91E-03**
558205.174160412.59	558205	4160413	WRKR_187	1.93E-02	3.83E-06	**3.87E-03**	1.45E-02	5.92E-06	**2.90E-03**	1.84E-02	5.50E-06	**3.69E-03**	2.64E-02	6.09E-06	**5.29E-03**
558205.174160422.59	558205	4160423	WRKR_188	2.09E-02	3.90E-06	**4.18E-03**	1.56E-02	6.03E-06	**3.13E-03**	1.99E-02	5.60E-06	**3.98E-03**	2.85E-02	6.20E-06	**5.71E-03**
558205.174160432.59	558205	4160433	WRKR_189	2.26E-02	3.97E-06	**4.51E-03**	1.69E-02	6.14E-06	**3.38E-03**	2.15E-02	5.70E-06	**4.30E-03**	3.08E-02	6.31E-06	**6.17E-03**
558205.174160442.59	558205	4160443	WRKR_190	2.45E-02	4.04E-06	**4.89E-03**	1.83E-02	6.25E-06	**3.66E-03**	2.33E-02	5.80E-06	**4.66E-03**	3.34E-02	6.42E-06	**6.69E-03**
558205.174160452.59	558205	4160453	WRKR_191	2.65E-02	4.10E-06	**5.31E-03**	1.98E-02	6.34E-06	**3.97E-03**	2.53E-02	5.89E-06	**5.06E-03**	3.62E-02	6.52E-06	**7.25E-03**
558205.174160462.59	558205	4160463	WRKR_192	2.89E-02	4.16E-06	**5.78E-03**	2.16E-02	6.45E-06	**4.32E-03**	2.75E-02	5.99E-06	**5.50E-03**	3.95E-02	6.62E-06	**7.90E-03**
558215.174160362.59	558215	4160363	WRKR_193	1.34E-02	3.64E-06	**2.68E-03**	1.00E-02	5.63E-06	**2.00E-03**	1.28E-02	5.23E-06	**2.55E-03**	1.83E-02	5.79E-06	**3.66E-03**
558215.174160372.59	558215	4160373	WRKR_194	1.43E-02	3.71E-06	**2.86E-03**	1.07E-02	5.74E-06	**2.14E-03**	1.36E-02	5.33E-06	**2.72E-03**	1.95E-02	5.90E-06	**3.91E-03**
558215.174160382.59	558215	4160383	WRKR_195	1.53E-02	3.79E-06	**3.06E-03**	1.14E-02	5.86E-06	**2.29E-03**	1.46E-02	5.44E-06	**2.91E-03**	2.09E-02	6.02E-06	**4.18E-03**
558215.174160392.59	558215	4160393	WRKR_196	1.64E-02	3.86E-06	**3.27E-03**	1.23E-02	5.98E-06	**2.45E-03**	1.56E-02	5.55E-06	**3.12E-03**	2.24E-02	6.14E-06	**4.48E-03**
558215.174160402.59	558215	4160403	WRKR_197	1.76E-02	3.94E-06	**3.52E-03**	1.32E-02	6.10E-06	**2.63E-03**	1.68E-02	5.66E-06	**3.35E-03**	2.40E-02	6.27E-06	**4.81E-03**
558215.174160412.59	558215	4160413	WRKR_198	1.89E-02	4.02E-06	**3.79E-03**	1.42E-02	6.22E-06	**2.83E-03**	1.80E-02	5.78E-06	**3.61E-03**	2.59E-02	6.39E-06	**5.18E-03**
558215.174160422.59	558215	4160423	WRKR_199	2.04E-02	4.09E-06	**4.08E-03**	1.53E-02	6.34E-06	**3.05E-03**	1.94E-02	5.89E-06	**3.89E-03**	2.79E-02	6.51E-06	**5.58E-03**
558215.174160432.59	558215	4160433	WRKR_200	2.21E-02	4.17E-06	**4.41E-03**	1.65E-02	6.46E-06	**3.30E-03**	2.10E-02	6.00E-06	**4.21E-03**	3.02E-02	6.64E-06	**6.03E-03**
558215.174160442.59	558215	4160443	WRKR_201	2.39E-02	4.25E-06	**4.79E-03**	1.79E-02	6.59E-06	**3.58E-03**	2.28E-02	6.12E-06	**4.56E-03**	3.27E-02	6.77E-06	**6.55E-03**

				AG	AH		AG	AH		AG	AH				
Chronic Hazard Index				**Year 1**			**Year 2**			**Year 3**			**Year 4**		
DPM REL (µg/m³)	**5.0**			**Project Concentrations (µg/m³)**			**(µg/m³)**			**(µg/m³)**			**(µg/m³)**		
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**
558215.174160452.59	558215	4160453	WRKR_202	2.61E-02	4.34E-06	**5.21E-03**	1.95E-02	6.71E-06	**3.90E-03**	2.48E-02	6.23E-06	**4.97E-03**	3.56E-02	6.90E-06	**7.12E-03**
558215.174160462.59	558215	4160463	WRKR_203	2.83E-02	4.40E-06	**5.66E-03**	2.12E-02	6.82E-06	**4.24E-03**	2.70E-02	6.33E-06	**5.39E-03**	3.87E-02	7.01E-06	**7.74E-03**
558215.174160472.59	558215	4160473	WRKR_204	3.09E-02	4.48E-06	**6.19E-03**	2.32E-02	6.94E-06	**4.63E-03**	2.95E-02	6.44E-06	**5.90E-03**	4.23E-02	7.13E-06	**8.46E-03**
558225.174160362.59	558225	4160363	WRKR_205	1.31E-02	3.80E-06	**2.62E-03**	9.78E-03	5.88E-06	**1.96E-03**	1.25E-02	5.46E-06	**2.49E-03**	1.79E-02	6.04E-06	**3.57E-03**
558225.174160372.59	558225	4160373	WRKR_206	1.40E-02	3.88E-06	**2.79E-03**	1.04E-02	6.00E-06	**2.09E-03**	1.33E-02	5.57E-06	**2.66E-03**	1.91E-02	6.17E-06	**3.82E-03**
558225.174160382.59	558225	4160383	WRKR_207	1.49E-02	3.96E-06	**2.99E-03**	1.12E-02	6.13E-06	**2.24E-03**	1.42E-02	5.70E-06	**2.85E-03**	2.04E-02	6.30E-06	**4.08E-03**
558225.174160392.59	558225	4160393	WRKR_208	1.60E-02	4.05E-06	**3.20E-03**	1.20E-02	6.26E-06	**2.39E-03**	1.52E-02	5.82E-06	**3.05E-03**	2.19E-02	6.44E-06	**4.37E-03**
558225.174160402.59	558225	4160403	WRKR_209	1.72E-02	4.13E-06	**3.43E-03**	1.28E-02	6.40E-06	**2.57E-03**	1.64E-02	5.94E-06	**3.27E-03**	2.35E-02	6.57E-06	**4.69E-03**
558225.174160412.59	558225	4160413	WRKR_210	1.85E-02	4.22E-06	**3.69E-03**	1.38E-02	6.53E-06	**2.76E-03**	1.76E-02	6.06E-06	**3.52E-03**	2.52E-02	6.71E-06	**5.05E-03**
558225.174160422.59	558225	4160423	WRKR_211	1.99E-02	4.30E-06	**3.98E-03**	1.49E-02	6.66E-06	**2.98E-03**	1.90E-02	6.19E-06	**3.79E-03**	2.72E-02	6.85E-06	**5.44E-03**
558225.174160432.59	558225	4160433	WRKR_212	2.15E-02	4.39E-06	**4.31E-03**	1.61E-02	6.80E-06	**3.22E-03**	2.05E-02	6.32E-06	**4.10E-03**	2.94E-02	6.99E-06	**5.89E-03**
558225.174160442.59	558225	4160443	WRKR_213	2.33E-02	4.49E-06	**4.67E-03**	1.75E-02	6.94E-06	**3.50E-03**	2.22E-02	6.45E-06	**4.45E-03**	3.19E-02	7.14E-06	**6.38E-03**
558225.174160452.59	558225	4160453	WRKR_214	2.54E-02	4.58E-06	**5.08E-03**	1.90E-02	7.09E-06	**3.80E-03**	2.42E-02	6.58E-06	**4.84E-03**	3.47E-02	7.28E-06	**6.94E-03**
558225.174160462.59	558225	4160463	WRKR_215	2.77E-02	4.67E-06	**5.54E-03**	2.07E-02	7.23E-06	**4.15E-03**	2.64E-02	6.72E-06	**5.28E-03**	3.79E-02	7.43E-06	**7.58E-03**
558225.174160472.59	558225	4160473	WRKR_216	3.03E-02	4.76E-06	**6.05E-03**	2.27E-02	7.36E-06	**4.53E-03**	2.88E-02	6.84E-06	**5.77E-03**	4.14E-02	7.57E-06	**8.28E-03**
558225.174160482.59	558225	4160483	WRKR_217	3.32E-02	4.84E-06	**6.64E-03**	2.48E-02	7.50E-06	**4.97E-03**	3.16E-02	6.96E-06	**6.33E-03**	4.54E-02	7.70E-06	**9.07E-03**
558235.174160362.59	558235	4160363	WRKR_218	1.27E-02	3.96E-06	**2.55E-03**	9.54E-03	6.13E-06	**1.91E-03**	1.21E-02	5.70E-06	**2.43E-03**	1.74E-02	6.30E-06	**3.49E-03**
558235.174160372.59	558235	4160373	WRKR_219	1.36E-02	4.05E-06	**2.72E-03**	1.02E-02	6.27E-06	**2.04E-03**	1.30E-02	5.83E-06	**2.59E-03**	1.86E-02	6.45E-06	**3.72E-03**
558235.174160382.59	558235	4160383	WRKR_220	1.46E-02	4.14E-06	**2.91E-03**	1.09E-02	6.41E-06	**2.18E-03**	1.39E-02	5.96E-06	**2.77E-03**	1.99E-02	6.59E-06	**3.98E-03**
558235.174160392.59	558235	4160393	WRKR_221	1.56E-02	4.24E-06	**3.12E-03**	1.17E-02	6.56E-06	**2.33E-03**	1.49E-02	6.09E-06	**2.97E-03**	2.13E-02	6.74E-06	**4.26E-03**
558235.174160402.59	558235	4160403	WRKR_222	1.67E-02	4.33E-06	**3.35E-03**	1.25E-02	6.71E-06	**2.51E-03**	1.59E-02	6.23E-06	**3.19E-03**	2.29E-02	6.89E-06	**4.57E-03**
558235.174160412.59	558235	4160413	WRKR_223	1.80E-02	4.43E-06	**3.60E-03**	1.35E-02	6.86E-06	**2.69E-03**	1.71E-02	6.37E-06	**3.43E-03**	2.46E-02	7.05E-06	**4.92E-03**
558235.174160422.59	558235	4160423	WRKR_224	1.94E-02	4.53E-06	**3.88E-03**	1.45E-02	7.01E-06	**2.90E-03**	1.85E-02	6.51E-06	**3.70E-03**	2.65E-02	7.21E-06	**5.30E-03**
558235.174160432.59	558235	4160433	WRKR_225	2.10E-02	4.63E-06	**4.19E-03**	1.57E-02	7.17E-06	**3.14E-03**	2.00E-02	6.66E-06	**4.00E-03**	2.86E-02	7.36E-06	**5.73E-03**
558235.174160442.59	558235	4160443	WRKR_226	2.27E-02	4.73E-06	**4.54E-03**	1.70E-02	7.33E-06	**3.40E-03**	2.16E-02	6.80E-06	**4.33E-03**	3.11E-02	7.53E-06	**6.21E-03**
558235.174160452.59	558235	4160453	WRKR_227	2.47E-02	4.84E-06	**4.94E-03**	1.85E-02	7.49E-06	**3.70E-03**	2.35E-02	6.96E-06	**4.71E-03**	3.38E-02	7.70E-06	**6.75E-03**
558235.174160462.59	558235	4160463	WRKR_228	2.70E-02	4.95E-06	**5.40E-03**	2.02E-02	7.66E-06	**4.04E-03**	2.57E-02	7.11E-06	**5.14E-03**	3.69E-02	7.87E-06	**7.37E-03**
558235.174160472.59	558235	4160473	WRKR_229	2.96E-02	5.06E-06	**5.91E-03**	2.21E-02	7.83E-06	**4.43E-03**	2.82E-02	7.27E-06	**5.63E-03**	4.04E-02	8.04E-06	**8.08E-03**
558235.174160482.59	558235	4160483	WRKR_230	3.24E-02	5.16E-06	**6.48E-03**	2.42E-02	7.98E-06	**4.85E-03**	3.09E-02	7.41E-06	**6.18E-03**	4.43E-02	8.20E-06	**8.86E-03**
558235.174160492.59	558235	4160493	WRKR_231	3.56E-02	5.25E-06	**7.13E-03**	2.67E-02	8.13E-06	**5.33E-03**	3.39E-02	7.55E-06	**6.79E-03**	4.87E-02	8.36E-06	**9.74E-03**
558245.174160362.59	558245	4160363	WRKR_232	1.24E-02	4.13E-06	**2.48E-03**	9.29E-03	6.40E-06	**1.86E-03**	1.18E-02	5.94E-06	**2.37E-03**	1.70E-02	6.58E-06	**3.40E-03**
558245.174160372.59	558245	4160373	WRKR_233	1.32E-02	4.23E-06	**2.65E-03**	9.91E-03	6.55E-06	**1.98E-03**	1.26E-02	6.09E-06	**2.53E-03**	1.81E-02	6.74E-06	**3.62E-03**
558245.174160382.59	558245	4160383	WRKR_234	1.42E-02	4.34E-06	**2.83E-03**	1.06E-02	6.71E-06	**2.12E-03**	1.35E-02	6.23E-06	**2.70E-03**	1.94E-02	6.90E-06	**3.87E-03**
558245.174160392.59	558245	4160393	WRKR_235	1.52E-02	4.44E-06	**3.03E-03**	1.13E-02	6.87E-06	**2.27E-03**	1.44E-02	6.38E-06	**2.89E-03**	2.07E-02	7.06E-06	**4.15E-03**
558245.174160402.59	558245	4160403	WRKR_236	1.63E-02	4.55E-06	**3.26E-03**	1.22E-02	7.04E-06	**2.44E-03**	1.55E-02	6.54E-06	**3.10E-03**	2.22E-02	7.23E-06	**4.45E-03**
558245.174160412.59	558245	4160413	WRKR_237	1.75E-02	4.65E-06	**3.50E-03**	1.31E-02	7.20E-06	**2.62E-03**	1.67E-02	6.69E-06	**3.34E-03**	2.39E-02	7.40E-06	**4.78E-03**
558245.174160422.59	558245	4160423	WRKR_238	1.89E-02	4.76E-06	**3.77E-03**	1.41E-02	7.38E-06	**2.82E-03**	1.80E-02	6.85E-06	**3.59E-03**	2.58E-02	7.58E-06	**5.16E-03**
558245.174160432.59	558245	4160433	WRKR_239	2.04E-02	4.88E-06	**4.07E-03**	1.52E-02	7.55E-06	**3.05E-03**	1.94E-02	7.01E-06	**3.88E-03**	2.78E-02	7.76E-06	**5.57E-03**
558245.174160442.59	558245	4160443	WRKR_240	2.21E-02	4.99E-06	**4.42E-03**	1.65E-02	7.73E-06	**3.30E-03**	2.10E-02	7.18E-06	**4.21E-03**	3.02E-02	7.94E-06	**6.03E-03**
558245.174160452.59	558245	4160453	WRKR_241	2.40E-02	5.12E-06	**4.80E-03**	1.80E-02	7.92E-06	**3.59E-03**	2.29E-02	7.36E-06	**4.58E-03**	3.28E-02	8.14E-06	**6.56E-03**
558245.174160462.59	558245	4160463	WRKR_242	2.62E-02	5.24E-06	**5.24E-03**	1.96E-02	8.11E-06	**3.92E-03**	2.50E-02	7.54E-06	**5.00E-03**	3.58E-02	8.34E-06	**7.17E-03**
558245.174160472.59	558245	4160473	WRKR_243	2.87E-02	5.37E-06	**5.74E-03**	2.15E-02	8.31E-06	**4.29E-03**	2.73E-02	7.71E-06	**5.47E-03**	3.92E-02	8.54E-06	**7.84E-03**
558245.174160482.59	558245	4160483	WRKR_244	3.15E-02	5.49E-06	**6.31E-03**	2.36E-02	8.50E-06	**4.72E-03**	3.00E-02	7.90E-06	**6.01E-03**	4.31E-02	8.74E-06	**8.62E-03**
558245.174160492.59	558245	4160493	WRKR_245	3.47E-02	5.61E-06	**6.95E-03**	2.60E-02	8.69E-06	**5.20E-03**	3.31E-02	8.07E-06	**6.62E-03**	4.75E-02	8.93E-06	**9.50E-03**
558245.174160502.59	558245	4160503	WRKR_246	3.84E-02	5.73E-06	**7.68E-03**	2.87E-02	8.86E-06	**5.74E-03**	3.66E-02	8.23E-06	**7.31E-03**	5.24E-02	9.11E-06	**1.05E-02**
558255.174160362.59	558255	4160363	WRKR_247	1.21E-02	4.31E-06	**2.42E-03**	9.03E-03	6.68E-06	**1.81E-03**	1.15E-02	6.20E-06	**2.30E-03**	1.65E-02	6.86E-06	**3.30E-03**
558255.174160372.59	558255	4160373	WRKR_248	1.29E-02	4.42E-06	**2.58E-03**	9.63E-03	6.85E-06	**1.93E-03**	1.23E-02	6.36E-06	**2.45E-03**	1.76E-02	7.04E-06	**3.52E-03**
558255.174160382.59	558255	4160383	WRKR_249	1.38E-02	4.54E-06	**2.75E-03**	1.03E-02	7.02E-06	**2.06E-03**	1.31E-02	6.52E-06	**2.62E-03**	1.88E-02	7.22E-06	**3.76E-03**
558255.174160392.59	558255	4160393	WRKR_250	1.47E-02	4.65E-06	**2.95E-03**	1.10E-02	7.20E-06	**2.21E-03**	1.40E-02	6.69E-06	**2.81E-03**	2.01E-02	7.40E-06	**4.03E-03**
558255.174160402.59	558255	4160403	WRKR_251	1.58E-02	4.77E-06	**3.16E-03**	1.18E-02	7.38E-06	**2.37E-03**	1.51E-02	6.86E-06	**3.01E-03**	2.16E-02	7.59E-06	**4.32E-03**
558255.174160412.59	558255	4160413	WRKR_252	1.70E-02	4.89E-06	**3.40E-03**	1.27E-02	7.57E-06	**2.55E-03**	1.62E-02	7.04E-06	**3.24E-03**	2.32E-02	7.78E-06	**4.65E-03**
558255.174160422.59	558255	4160423	WRKR_253	1.83E-02	5.01E-06	**3.66E-03**	1.37E-02	7.76E-06	**2.74E-03**	1.74E-02	7.21E-06	**3.49E-03**	2.50E-02	7.98E-06	**5.01E-03**
558255.174160432.59	558255	4160433	WRKR_254	1.98E-02	5.14E-06	**3.96E-03**	1.48E-02	7.96E-06	**2.96E-03**	1.88E-02	7.39E-06	**3.77E-03**	2.70E-02	8.18E-06	**5.41E-03**
558255.174160442.59	558255	4160443	WRKR_255	2.14E-02	5.28E-06	**4.29E-03**	1.60E-02	8.17E-06	**3.21E-03**	2.04E-02	7.59E-06	**4.09E-03**	2.93E-02	8.39E-06	**5.86E-03**
558255.174160452.59	558255	4160453	WRKR_256	2.33E-02	5.41E-06	**4.66E-03**	1.74E-02	8.38E-06	**3.49E-03**	2.22E-02	7.78E-06	**4.44E-03**	3.19E-02	8.61E-06	**6.37E-03**
558255.174160462.59	558255	4160463	WRKR_257	2.54E-02	5.55E-06	**5.08E-03**	1.90E-02	8.60E-06	**3.81E-03**	2.42E-02	7.98E-06	**4.84E-03**	3.47E-02	8.84E-06	**6.95E-03**
558255.174160472.59	558255	4160473	WRKR_258	2.78E-02	5.70E-06	**5.57E-03**	2.08E-02	8.82E-06	**4.17E-03**	2.65E-02	8.19E-06	**5.30E-03**	3.80E-02	9.06E-06	**7.61E-03**
558255.174160482.59	558255	4160483	WRKR_259	3.06E-02	5.85E-06	**6.12E-03**	2.29E-02	9.05E-06	**4.58E-03**	2.92E-02	8.41E-06	**5.83E-03**	4.18E-02	9.30E-06	**8.37E-03**
558255.174160492.59	558255	4160493	WRKR_260	3.38E-02	6.00E-06	**6.77E-03**	2.53E-02	9.29E-06	**5.07E-03**	3.22E-02	8.63E-06	**6.45E-03**	4.62E-02	9.55E-06	**9.25E-03**
558255.174160502.59	558255	4160503	WRKR_261	3.74E-02	6.14E-06	**7.48E-03**	2.80E-02	9.50E-06	**5.60E-03**	3.56E-02	8.83E-06	**7.13E-03**	5.11E-02	9.77E-06	**1.02E-02**
558255.174160512.59	558255	4160513	WRKR_262	4.16E-02	6.28E-06	**8.31E-03**	3.11E-02	9.72E-06	**6.22E-03**	3.96E-02	9.03E-06	**7.92E-03**	5.68E-02	9.99E-06	**1.14E-02**
558265.174160362.59	558265	4160363	WRKR_263	1.17E-02	4.50E-06	**2.34E-03**	8.77E-03	6.97E-06	**1.76E-03**	1.12E-02	6.47E-06	**2.23E-03**	1.60E-02	7.16E-06	**3.21E-03**
558265.174160372.59	558265	4160373	WRKR_264	1.25E-02	4.62E-06	**2.50E-03**	9.35E-03	7.15E-06	**1.87E-03**	1.19E-02	6.65E-06	**2.38E-03**	1.71E-02	7.35E-06	**3.42E-03**
558265.174160382.59	558265	4160383	WRKR_265	1.33E-02	4.74E-06	**2.67E-03**	9.99E-03	7.34E-06	**2.00E-03**	1.27E-02	6.82E-06	**2.55E-03**	1.82E-02	7.55E-06	**3.65E-03**
558265.174160392.59	558265	4160393	WRKR_266	1.43E-02	4.87E-06	**2.86E-03**	1.07E-02	7.54E-06	**2.14E-03**	1.36E-02	7.00E-06	**2.72E-03**	1.95E-02	7.75E-06	**3.91E-03**
558265.174160402.59	558265	4160403	WRKR_267	1.53E-02	5.00E-06	**3.07E-03**	1.15E-02	7.74E-06	**2.30E-03**	1.46E-02	7.19E-06	**2.92E-03**	2.10E-02	7.96E-06	**4.19E-03**
558265.174160412.59	558265	4160413	WRKR_268	1.65E-02	5.14E-06	**3.30E-03**	1.23E-02	7.95E-06	**2.47E-03**	1.57E-02	7.39E-06	**3.14E-03**	2.25E-02	8.17E-06	**4.51E-03**
558265.174160422.59	558265	4160423	WRKR_269	1.78E-02	5.28E-06	**3.55E-03**	1.33E-02	8.17E-06	**2.66E-03**	1.69E-02	7.59E-06	**3.38E-03**	2.43E-02	8.39E-06	**4.86E-03**
558265.174160432.59	558265	4160433	WRKR_270	1.92E-02	5.42E-06	**3.84E-03**	1.44E-02	8.39E-06	**2.87E-03**	1.83E-02	7.79E-06	**3.66E-03**	2.62E-02	8.62E-06	**5.25E-03**
558265.174160442.59	558265	4160443	WRKR_271	2.08E-02	5.57E-06	**4.16E-03**	1.56E-02	8.63E-06	**3.11E-03**	1.98E-02	8.01E-06	**3.97E-03**	2.84E-02	8.87E-06	**5.69E-03**
558265.174160452.59	558265	4160453	WRKR_272	2.26E-02	5.73E-06	**4.52E-03**	1.69E-02	8.87E-06	**3.38E-03**	2.15E-02	8.23E-06	**4.31E-03**	3.09E-02	9.11E-06	**6.18E-03**
558265.174160462.59	558265	4160463	WRKR_273	2.46E-02	5.88E-06	**4.93E-03**	1.84E-02	9.11E-06	**3.69E-03**	2.35E-02	8.46E-06	**4.69E-03**	3.37E-02	9.36E-06	**6.73E-03**
558265.174160472.59	558265	4160473	WRKR_274	2.70E-02	6.05E-06	**5.40E-03**	2.02E-02	9.37E-06	**4.04E-03**	2.57E-02	8.70E-06	**5.14E-03**	3.69E-02	9.63E-06	**7.38E-03**

				AG	AH		AG	AH		AG	AH		AG	AH	
Chronic Hazard Index				**Year 1**			**Year 2**			**Year 3**			**Year 4**		
DPM REL (µg/m³)	**5.0**			**Project Concentrations (µg/m³)**			**(µg/m³)**			**(µg/m³)**			**(µg/m³)**		
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**
558265.174160482.59	558265	4160483	WRKR_275	2.97E-02	6.23E-06	**5.94E-03**	2.22E-02	9.65E-06	**4.45E-03**	2.83E-02	8.96E-06	**5.66E-03**	4.06E-02	9.91E-06	**8.12E-03**
558265.174160492.59	558265	4160493	WRKR_276	3.29E-02	6.41E-06	**6.57E-03**	2.46E-02	9.92E-06	**4.92E-03**	3.13E-02	9.22E-06	**6.26E-03**	4.49E-02	1.02E-05	**8.98E-03**
558265.174160502.59	558265	4160503	WRKR_277	3.65E-02	6.60E-06	**7.31E-03**	2.73E-02	1.02E-05	**5.47E-03**	3.48E-02	9.49E-06	**6.97E-03**	5.00E-02	1.05E-05	**9.99E-03**
558265.174160512.59	558265	4160513	WRKR_278	4.07E-02	6.77E-06	**8.14E-03**	3.04E-02	1.05E-05	**6.09E-03**	3.88E-02	9.73E-06	**7.75E-03**	5.56E-02	1.08E-05	**1.11E-02**
558265.174160522.59	558265	4160523	WRKR_279	4.56E-02	6.94E-06	**9.12E-03**	3.41E-02	1.07E-05	**6.83E-03**	4.34E-02	9.98E-06	**8.69E-03**	6.23E-02	1.10E-05	**1.25E-02**
558275.174160362.59	558275	4160363	WRKR_280	1.14E-02	4.70E-06	**2.27E-03**	8.50E-03	7.27E-06	**1.70E-03**	1.08E-02	6.76E-06	**2.17E-03**	1.55E-02	7.48E-06	**3.11E-03**
558275.174160372.59	558275	4160373	WRKR_281	1.21E-02	4.83E-06	**2.42E-03**	9.06E-03	7.47E-06	**1.81E-03**	1.15E-02	6.94E-06	**2.31E-03**	1.66E-02	7.68E-06	**3.31E-03**
558275.174160382.59	558275	4160383	WRKR_282	1.29E-02	4.96E-06	**2.59E-03**	9.68E-03	7.68E-06	**1.94E-03**	1.23E-02	7.13E-06	**2.47E-03**	1.77E-02	7.89E-06	**3.54E-03**
558275.174160392.59	558275	4160393	WRKR_283	1.38E-02	5.10E-06	**2.77E-03**	1.04E-02	7.89E-06	**2.07E-03**	1.32E-02	7.33E-06	**2.64E-03**	1.89E-02	8.11E-06	**3.79E-03**
558275.174160402.59	558275	4160403	WRKR_284	1.49E-02	5.24E-06	**2.97E-03**	1.11E-02	8.12E-06	**2.22E-03**	1.42E-02	7.54E-06	**2.83E-03**	2.03E-02	8.34E-06	**4.06E-03**
558275.174160412.59	558275	4160413	WRKR_285	1.60E-02	5.39E-06	**3.19E-03**	1.19E-02	8.35E-06	**2.39E-03**	1.52E-02	7.76E-06	**3.04E-03**	2.18E-02	8.58E-06	**4.37E-03**
558275.174160422.59	558275	4160423	WRKR_286	1.72E-02	5.55E-06	**3.44E-03**	1.29E-02	8.59E-06	**2.58E-03**	1.64E-02	7.98E-06	**3.28E-03**	2.35E-02	8.83E-06	**4.70E-03**
558275.174160432.59	558275	4160433	WRKR_287	1.86E-02	5.71E-06	**3.72E-03**	1.39E-02	8.85E-06	**2.78E-03**	1.77E-02	8.22E-06	**3.55E-03**	2.54E-02	9.09E-06	**5.08E-03**
558275.174160442.59	558275	4160443	WRKR_288	2.01E-02	5.88E-06	**4.03E-03**	1.51E-02	9.11E-06	**3.02E-03**	1.92E-02	8.46E-06	**3.84E-03**	2.75E-02	9.36E-06	**5.51E-03**
558275.174160452.59	558275	4160453	WRKR_289	2.19E-02	6.06E-06	**4.38E-03**	1.64E-02	9.38E-06	**3.28E-03**	2.09E-02	8.71E-06	**4.17E-03**	2.99E-02	9.64E-06	**5.99E-03**
558275.174160462.59	558275	4160463	WRKR_290	2.39E-02	6.24E-06	**4.78E-03**	1.79E-02	9.66E-06	**3.58E-03**	2.28E-02	8.97E-06	**4.55E-03**	3.27E-02	9.93E-06	**6.53E-03**
558275.174160472.59	558275	4160473	WRKR_291	2.62E-02	6.44E-06	**5.24E-03**	1.96E-02	9.97E-06	**3.92E-03**	2.50E-02	9.26E-06	**5.00E-03**	3.58E-02	1.02E-05	**7.17E-03**
558275.174160482.59	558275	4160483	WRKR_292	2.88E-02	6.64E-06	**5.77E-03**	2.16E-02	1.03E-05	**4.32E-03**	2.75E-02	9.55E-06	**5.50E-03**	3.94E-02	1.06E-05	**7.89E-03**
558275.174160492.59	558275	4160493	WRKR_293	3.19E-02	6.85E-06	**6.38E-03**	2.39E-02	1.06E-05	**4.78E-03**	3.04E-02	9.85E-06	**6.08E-03**	4.36E-02	1.09E-05	**8.73E-03**
558275.174160502.59	558275	4160503	WRKR_294	3.56E-02	7.07E-06	**7.11E-03**	2.66E-02	1.10E-05	**5.32E-03**	3.39E-02	1.02E-05	**6.78E-03**	4.86E-02	1.13E-05	**9.72E-03**
558275.174160512.59	558275	4160513	WRKR_295	3.99E-02	7.31E-06	**7.99E-03**	2.99E-02	1.13E-05	**5.98E-03**	3.80E-02	1.05E-05	**7.61E-03**	5.46E-02	1.16E-05	**1.09E-02**
558275.174160522.59	558275	4160523	WRKR_296	4.50E-02	7.53E-06	**9.00E-03**	3.37E-02	1.17E-05	**6.73E-03**	4.28E-02	1.08E-05	**8.57E-03**	6.15E-02	1.20E-05	**1.23E-02**
558275.174160532.59	558275	4160533	WRKR_297	5.10E-02	7.75E-06	**1.02E-02**	3.81E-02	1.20E-05	**7.63E-03**	4.86E-02	1.11E-05	**9.71E-03**	6.97E-02	1.23E-05	**1.39E-02**
558285.174160362.59	558285	4160363	WRKR_298	1.10E-02	4.90E-06	**2.20E-03**	8.24E-03	7.59E-06	**1.65E-03**	1.05E-02	7.05E-06	**2.10E-03**	1.50E-02	7.80E-06	**3.01E-03**
558285.174160372.59	558285	4160373	WRKR_299	1.17E-02	5.04E-06	**2.35E-03**	8.78E-03	7.80E-06	**1.76E-03**	1.12E-02	7.25E-06	**2.24E-03**	1.60E-02	8.02E-06	**3.21E-03**
558285.174160382.59	558285	4160383	WRKR_300	1.25E-02	5.18E-06	**2.51E-03**	9.37E-03	8.02E-06	**1.88E-03**	1.19E-02	7.45E-06	**2.39E-03**	1.71E-02	8.25E-06	**3.43E-03**
558285.174160392.59	558285	4160393	WRKR_301	1.34E-02	5.34E-06	**2.68E-03**	1.00E-02	8.26E-06	**2.01E-03**	1.28E-02	7.67E-06	**2.56E-03**	1.83E-02	8.49E-06	**3.67E-03**
558285.174160402.59	558285	4160403	WRKR_302	1.44E-02	5.50E-06	**2.88E-03**	1.08E-02	8.51E-06	**2.15E-03**	1.37E-02	7.90E-06	**2.74E-03**	1.96E-02	8.74E-06	**3.93E-03**
558285.174160412.59	558285	4160413	WRKR_303	1.55E-02	5.66E-06	**3.09E-03**	1.16E-02	8.77E-06	**2.31E-03**	1.47E-02	8.14E-06	**2.95E-03**	2.11E-02	9.01E-06	**4.23E-03**
558285.174160422.59	558285	4160423	WRKR_304	1.67E-02	5.84E-06	**3.33E-03**	1.25E-02	9.04E-06	**2.50E-03**	1.59E-02	8.39E-06	**3.18E-03**	2.28E-02	9.29E-06	**4.56E-03**
558285.174160432.59	558285	4160433	WRKR_305	1.80E-02	6.02E-06	**3.60E-03**	1.35E-02	9.32E-06	**2.70E-03**	1.72E-02	8.65E-06	**3.43E-03**	2.46E-02	9.57E-06	**4.92E-03**
558285.174160442.59	558285	4160443	WRKR_306	1.95E-02	6.21E-06	**3.90E-03**	1.46E-02	9.61E-06	**2.92E-03**	1.86E-02	8.92E-06	**3.72E-03**	2.67E-02	9.87E-06	**5.34E-03**
558285.174160452.59	558285	4160453	WRKR_307	2.12E-02	6.40E-06	**4.25E-03**	1.59E-02	9.92E-06	**3.18E-03**	2.02E-02	9.21E-06	**4.05E-03**	2.90E-02	1.02E-05	**5.80E-03**
558285.174160462.59	558285	4160463	WRKR_308	2.32E-02	6.62E-06	**4.64E-03**	1.74E-02	1.02E-05	**3.47E-03**	2.21E-02	9.52E-06	**4.42E-03**	3.17E-02	1.05E-05	**6.34E-03**
558285.174160472.59	558285	4160473	WRKR_309	2.54E-02	6.84E-06	**5.09E-03**	1.90E-02	1.06E-05	**3.81E-03**	2.42E-02	9.84E-06	**4.85E-03**	3.48E-02	1.09E-05	**6.96E-03**
558285.174160482.59	558285	4160483	WRKR_310	2.80E-02	7.07E-06	**5.60E-03**	2.10E-02	1.10E-05	**4.20E-03**	2.67E-02	1.02E-05	**5.34E-03**	3.83E-02	1.13E-05	**7.66E-03**
558285.174160492.59	558285	4160493	WRKR_311	3.10E-02	7.32E-06	**6.21E-03**	2.32E-02	1.13E-05	**4.65E-03**	2.96E-02	1.05E-05	**5.92E-03**	4.24E-02	1.16E-05	**8.48E-03**
558285.174160502.59	558285	4160503	WRKR_312	3.46E-02	7.59E-06	**6.93E-03**	2.59E-02	1.17E-05	**5.19E-03**	3.30E-02	1.09E-05	**6.60E-03**	4.74E-02	1.21E-05	**9.47E-03**
558285.174160512.59	558285	4160513	WRKR_313	3.90E-02	7.88E-06	**7.80E-03**	2.92E-02	1.22E-05	**5.84E-03**	3.72E-02	1.13E-05	**7.43E-03**	5.33E-02	1.25E-05	**1.07E-02**
558285.174160522.59	558285	4160523	WRKR_314	4.42E-02	8.17E-06	**8.84E-03**	3.31E-02	1.26E-05	**6.61E-03**	4.21E-02	1.17E-05	**8.42E-03**	6.04E-02	1.30E-05	**1.21E-02**
558285.174160532.59	558285	4160533	WRKR_315	5.03E-02	8.44E-06	**1.01E-02**	3.76E-02	1.31E-05	**7.52E-03**	4.79E-02	1.21E-05	**9.58E-03**	6.87E-02	1.34E-05	**1.37E-02**
558295.174160362.59	558295	4160363	WRKR_316	1.06E-02	5.11E-06	**2.13E-03**	7.97E-03	7.91E-06	**1.60E-03**	1.01E-02	7.35E-06	**2.03E-03**	1.46E-02	8.13E-06	**2.91E-03**
558295.174160372.59	558295	4160373	WRKR_317	1.13E-02	5.26E-06	**2.27E-03**	8.49E-03	8.14E-06	**1.70E-03**	1.08E-02	7.56E-06	**2.16E-03**	1.55E-02	8.37E-06	**3.10E-03**
558295.174160382.59	558295	4160383	WRKR_318	1.21E-02	5.42E-06	**2.42E-03**	9.06E-03	8.39E-06	**1.81E-03**	1.15E-02	7.79E-06	**2.31E-03**	1.66E-02	8.62E-06	**3.31E-03**
558295.174160392.59	558295	4160393	WRKR_319	1.30E-02	5.58E-06	**2.59E-03**	9.70E-03	8.64E-06	**1.94E-03**	1.23E-02	8.02E-06	**2.47E-03**	1.77E-02	8.88E-06	**3.54E-03**
558295.174160402.59	558295	4160403	WRKR_320	1.39E-02	5.75E-06	**2.78E-03**	1.04E-02	8.90E-06	**2.08E-03**	1.32E-02	8.27E-06	**2.65E-03**	1.90E-02	9.15E-06	**3.80E-03**
558295.174160412.59	558295	4160413	WRKR_321	1.49E-02	5.94E-06	**2.99E-03**	1.12E-02	9.19E-06	**2.24E-03**	1.42E-02	8.54E-06	**2.85E-03**	2.04E-02	9.45E-06	**4.09E-03**
558295.174160422.59	558295	4160423	WRKR_322	1.61E-02	6.13E-06	**3.22E-03**	1.21E-02	9.49E-06	**2.41E-03**	1.54E-02	8.81E-06	**3.07E-03**	2.20E-02	9.75E-06	**4.41E-03**
558295.174160432.59	558295	4160433	WRKR_323	1.74E-02	6.33E-06	**3.49E-03**	1.30E-02	9.80E-06	**2.61E-03**	1.66E-02	9.11E-06	**3.32E-03**	2.38E-02	1.01E-05	**4.77E-03**
558295.174160442.59	558295	4160443	WRKR_324	1.89E-02	6.55E-06	**3.78E-03**	1.41E-02	1.01E-05	**2.83E-03**	1.80E-02	9.41E-06	**3.60E-03**	2.58E-02	1.04E-05	**5.17E-03**
558295.174160452.59	558295	4160453	WRKR_325	2.06E-02	6.77E-06	**4.12E-03**	1.54E-02	1.05E-05	**3.08E-03**	1.96E-02	9.74E-06	**3.93E-03**	2.81E-02	1.08E-05	**5.63E-03**
558295.174160462.59	558295	4160463	WRKR_326	2.25E-02	7.02E-06	**4.50E-03**	1.68E-02	1.09E-05	**3.37E-03**	2.15E-02	1.01E-05	**4.29E-03**	3.08E-02	1.12E-05	**6.16E-03**
558295.174160472.59	558295	4160473	WRKR_327	2.47E-02	7.27E-06	**4.94E-03**	1.85E-02	1.13E-05	**3.70E-03**	2.35E-02	1.04E-05	**4.71E-03**	3.38E-02	1.16E-05	**6.76E-03**
558295.174160482.59	558295	4160483	WRKR_328	2.73E-02	7.54E-06	**5.45E-03**	2.04E-02	1.17E-05	**4.08E-03**	2.60E-02	1.08E-05	**5.20E-03**	3.73E-02	1.20E-05	**7.46E-03**
558295.174160492.59	558295	4160493	WRKR_329	3.02E-02	7.82E-06	**6.05E-03**	2.26E-02	1.21E-05	**4.53E-03**	2.88E-02	1.13E-05	**5.77E-03**	4.13E-02	1.24E-05	**8.27E-03**
558295.174160502.59	558295	4160503	WRKR_330	3.38E-02	8.14E-06	**6.76E-03**	2.53E-02	1.26E-05	**5.06E-03**	3.22E-02	1.17E-05	**6.44E-03**	4.62E-02	1.29E-05	**9.24E-03**
558295.174160512.59	558295	4160513	WRKR_331	3.82E-02	8.48E-06	**7.63E-03**	2.86E-02	1.31E-05	**5.71E-03**	3.64E-02	1.22E-05	**7.27E-03**	5.22E-02	1.35E-05	**1.04E-02**
558295.174160522.59	558295	4160523	WRKR_332	4.33E-02	8.85E-06	**8.67E-03**	3.24E-02	1.37E-05	**6.49E-03**	4.13E-02	1.27E-05	**8.26E-03**	5.92E-02	1.41E-05	**1.19E-02**
558295.174160532.59	558295	4160533	WRKR_333	4.95E-02	9.21E-06	**9.90E-03**	3.70E-02	1.43E-05	**7.41E-03**	4.72E-02	1.32E-05	**9.44E-03**	6.77E-02	1.46E-05	**1.35E-02**
558305.174160362.59	558305	4160363	WRKR_334	1.03E-02	5.32E-06	**2.06E-03**	7.70E-03	8.24E-06	**1.54E-03**	9.81E-03	7.66E-06	**1.96E-03**	1.41E-02	8.47E-06	**2.82E-03**
558305.174160372.59	558305	4160373	WRKR_335	1.10E-02	5.49E-06	**2.19E-03**	8.20E-03	8.49E-06	**1.64E-03**	1.04E-02	7.89E-06	**2.09E-03**	1.50E-02	8.73E-06	**3.00E-03**
558305.174160382.59	558305	4160383	WRKR_336	1.17E-02	5.65E-06	**2.34E-03**	8.76E-03	8.75E-06	**1.75E-03**	1.12E-02	8.13E-06	**2.23E-03**	1.60E-02	8.99E-06	**3.20E-03**
558305.174160392.59	558305	4160393	WRKR_337	1.25E-02	5.83E-06	**2.51E-03**	9.37E-03	9.02E-06	**1.88E-03**	1.19E-02	8.38E-06	**2.39E-03**	1.71E-02	9.27E-06	**3.42E-03**
558305.174160402.59	558305	4160403	WRKR_338	1.34E-02	6.00E-06	**2.69E-03**	1.01E-02	9.29E-06	**2.01E-03**	1.28E-02	8.63E-06	**2.56E-03**	1.84E-02	9.55E-06	**3.67E-03**
558305.174160412.59	558305	4160413	WRKR_339	1.44E-02	6.20E-06	**2.89E-03**	1.08E-02	9.60E-06	**2.16E-03**	1.38E-02	8.92E-06	**2.75E-03**	1.97E-02	9.87E-06	**3.95E-03**
558305.174160422.59	558305	4160423	WRKR_340	1.56E-02	6.43E-06	**3.12E-03**	1.17E-02	9.95E-06	**2.33E-03**	1.48E-02	9.24E-06	**2.97E-03**	2.13E-02	1.02E-05	**4.26E-03**
558305.174160432.59	558305	4160433	WRKR_341	1.69E-02	6.65E-06	**3.37E-03**	1.26E-02	1.03E-05	**2.52E-03**	1.61E-02	9.57E-06	**3.21E-03**	2.30E-02	1.06E-05	**4.61E-03**
558305.174160442.59	558305	4160443	WRKR_342	1.83E-02	6.89E-06	**3.66E-03**	1.37E-02	1.07E-05	**2.74E-03**	1.74E-02	9.91E-06	**3.49E-03**	2.50E-02	1.10E-05	**5.01E-03**
558305.174160452.59	558305	4160453	WRKR_343	2.00E-02	7.15E-06	**3.99E-03**	1.49E-02	1.11E-05	**2.99E-03**	1.90E-02	1.03E-05	**3.80E-03**	2.73E-02	1.14E-05	**5.46E-03**
558305.174160462.59	558305	4160463	WRKR_344	2.18E-02	7.42E-06	**4.37E-03**	1.63E-02	1.15E-05	**3.27E-03**	2.08E-02	1.07E-05	**4.16E-03**	2.98E-02	1.18E-05	**5.97E-03**
558305.174160472.59	558305	4160473	WRKR_345	2.40E-02	7.71E-06	**4.80E-03**	1.80E-02	1.19E-05	**3.60E-03**	2.29E-02	1.11E-05	**4.58E-03**	3.28E-02	1.23E-05	**6.57E-03**
558305.174160482.59	558305	4160483	WRKR_346	2.65E-02	8.02E-06	**5.31E-03**	1.99E-02	1.24E-05	**3.97E-03**	2.53E-02	1.15E-05	**5.06E-03**	3.63E-02	1.28E-05	**7.26E-03**
558305.174160492.59	558305	4160493	WRKR_347	2.95E-02	8.36E-06	**5.91E-03**	2.21E-02	1.29E-05	**4.42E-03**	2.81E-02	1.20E-05	**5.63E-03**	4.04E-02	1.33E-05	**8.07E-03**

				AG	AH		AG	AH		AG	AH				
Chronic Hazard Index				**Year 1**			**Year 2**			**Year 3**			**Year 4**		
DPM REL (µg/m³)	**5.0**			**Project Concentrations (µg/m³)**			**(µg/m³)**			**(µg/m³)**			**(µg/m³)**		
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**
558305.174160502.59	558305	4160503	WRKR_348	3.31E-02	8.72E-06	**6.62E-03**	2.47E-02	1.35E-05	**4.95E-03**	3.15E-02	1.25E-05	**6.30E-03**	4.52E-02	1.39E-05	**9.04E-03**
558305.174160512.59	558305	4160513	WRKR_349	3.74E-02	9.13E-06	**7.48E-03**	2.80E-02	1.41E-05	**5.60E-03**	3.56E-02	1.31E-05	**7.13E-03**	5.11E-02	1.45E-05	**1.02E-02**
558305.174160522.59	558305	4160523	WRKR_350	4.26E-02	9.58E-06	**8.52E-03**	3.19E-02	1.48E-05	**6.38E-03**	4.06E-02	1.38E-05	**8.12E-03**	5.82E-02	1.52E-05	**1.16E-02**
558305.174160532.59	558305	4160533	WRKR_351	4.88E-02	1.00E-05	**9.75E-03**	3.65E-02	1.55E-05	**7.30E-03**	4.65E-02	1.44E-05	**9.29E-03**	6.66E-02	1.60E-05	**1.33E-02**
558315.174160362.59	558315	4160363	WRKR_352	9.95E-03	5.54E-06	**1.99E-03**	7.44E-03	8.58E-06	**1.49E-03**	9.48E-03	7.97E-06	**1.90E-03**	1.36E-02	8.82E-06	**2.72E-03**
558315.174160372.59	558315	4160373	WRKR_353	1.06E-02	5.72E-06	**2.12E-03**	7.92E-03	8.85E-06	**1.59E-03**	1.01E-02	8.22E-06	**2.02E-03**	1.45E-02	9.10E-06	**2.90E-03**
558315.174160382.59	558315	4160383	WRKR_354	1.13E-02	5.89E-06	**2.26E-03**	8.46E-03	9.12E-06	**1.69E-03**	1.08E-02	8.47E-06	**2.16E-03**	1.55E-02	9.37E-06	**3.09E-03**
558315.174160392.59	558315	4160393	WRKR_355	1.21E-02	6.08E-06	**2.42E-03**	9.05E-03	9.41E-06	**1.81E-03**	1.15E-02	8.74E-06	**2.31E-03**	1.65E-02	9.67E-06	**3.31E-03**
558315.174160402.59	558315	4160403	WRKR_356	1.30E-02	6.28E-06	**2.60E-03**	9.71E-03	9.72E-06	**1.94E-03**	1.24E-02	9.03E-06	**2.47E-03**	1.77E-02	9.99E-06	**3.55E-03**
558315.174160412.59	558315	4160413	WRKR_357	1.40E-02	6.49E-06	**2.79E-03**	1.04E-02	1.00E-05	**2.09E-03**	1.33E-02	9.33E-06	**2.66E-03**	1.91E-02	1.03E-05	**3.82E-03**
558315.174160422.59	558315	4160423	WRKR_358	1.51E-02	6.72E-06	**3.01E-03**	1.13E-02	1.04E-05	**2.26E-03**	1.43E-02	9.67E-06	**2.87E-03**	2.06E-02	1.07E-05	**4.12E-03**
558315.174160432.59	558315	4160433	WRKR_359	1.63E-02	6.98E-06	**3.26E-03**	1.22E-02	1.08E-05	**2.44E-03**	1.55E-02	1.00E-05	**3.11E-03**	2.23E-02	1.11E-05	**4.46E-03**
558315.174160442.59	558315	4160443	WRKR_360	1.77E-02	7.24E-06	**3.54E-03**	1.33E-02	1.12E-05	**2.65E-03**	1.69E-02	1.04E-05	**3.38E-03**	2.42E-02	1.15E-05	**4.84E-03**
558315.174160452.59	558315	4160453	WRKR_361	1.93E-02	7.53E-06	**3.87E-03**	1.45E-02	1.17E-05	**2.89E-03**	1.84E-02	1.08E-05	**3.69E-03**	2.64E-02	1.20E-05	**5.29E-03**
558315.174160462.59	558315	4160463	WRKR_362	2.12E-02	7.83E-06	**4.24E-03**	1.59E-02	1.21E-05	**3.17E-03**	2.02E-02	1.13E-05	**4.04E-03**	2.90E-02	1.25E-05	**5.79E-03**
558315.174160472.59	558315	4160473	WRKR_363	2.33E-02	8.16E-06	**4.67E-03**	1.75E-02	1.26E-05	**3.50E-03**	2.22E-02	1.17E-05	**4.45E-03**	3.19E-02	1.30E-05	**6.38E-03**
558315.174160482.59	558315	4160483	WRKR_364	2.59E-02	8.51E-06	**5.17E-03**	1.93E-02	1.32E-05	**3.87E-03**	2.46E-02	1.22E-05	**4.93E-03**	3.53E-02	1.35E-05	**7.07E-03**
558315.174160492.59	558315	4160493	WRKR_365	2.88E-02	8.90E-06	**5.77E-03**	2.16E-02	1.38E-05	**4.32E-03**	2.75E-02	1.28E-05	**5.50E-03**	3.94E-02	1.42E-05	**7.89E-03**
558315.174160502.59	558315	4160503	WRKR_366	3.24E-02	9.34E-06	**6.48E-03**	2.42E-02	1.45E-05	**4.85E-03**	3.09E-02	1.34E-05	**6.18E-03**	4.43E-02	1.49E-05	**8.86E-03**
558315.174160512.59	558315	4160513	WRKR_367	3.67E-02	9.82E-06	**7.34E-03**	2.75E-02	1.52E-05	**5.49E-03**	3.50E-02	1.41E-05	**6.99E-03**	5.01E-02	1.56E-05	**1.00E-02**
558315.174160522.59	558315	4160523	WRKR_368	4.19E-02	1.04E-05	**8.37E-03**	3.13E-02	1.60E-05	**6.27E-03**	3.99E-02	1.49E-05	**7.98E-03**	5.72E-02	1.65E-05	**1.14E-02**
558315.174160532.59	558315	4160533	WRKR_369	4.79E-02	1.09E-05	**9.58E-03**	3.59E-02	1.69E-05	**7.17E-03**	4.56E-02	1.57E-05	**9.13E-03**	6.55E-02	1.74E-05	**1.31E-02**
558325.174160362.59	558325	4160363	WRKR_370	9.61E-03	5.77E-06	**1.92E-03**	7.19E-03	8.93E-06	**1.44E-03**	9.15E-03	8.29E-06	**1.83E-03**	1.31E-02	9.18E-06	**2.63E-03**
558325.174160372.59	558325	4160373	WRKR_371	1.02E-02	5.95E-06	**2.05E-03**	7.65E-03	9.21E-06	**1.53E-03**	9.74E-03	8.56E-06	**1.95E-03**	1.40E-02	9.47E-06	**2.80E-03**
558325.174160382.59	558325	4160383	WRKR_372	1.09E-02	6.14E-06	**2.18E-03**	8.17E-03	9.50E-06	**1.64E-03**	1.04E-02	8.82E-06	**2.08E-03**	1.49E-02	9.76E-06	**2.99E-03**
558325.174160392.59	558325	4160393	WRKR_373	1.17E-02	6.34E-06	**2.34E-03**	8.74E-03	9.82E-06	**1.75E-03**	1.11E-02	9.12E-06	**2.23E-03**	1.60E-02	1.01E-05	**3.19E-03**
558325.174160402.59	558325	4160403	WRKR_374	1.25E-02	6.56E-06	**2.51E-03**	9.37E-03	1.02E-05	**1.88E-03**	1.19E-02	9.43E-06	**2.39E-03**	1.71E-02	1.04E-05	**3.43E-03**
558325.174160412.59	558325	4160413	WRKR_375	1.35E-02	6.79E-06	**2.70E-03**	1.01E-02	1.05E-05	**2.02E-03**	1.28E-02	9.76E-06	**2.57E-03**	1.84E-02	1.08E-05	**3.69E-03**
558325.174160422.59	558325	4160423	WRKR_376	1.46E-02	7.04E-06	**2.91E-03**	1.09E-02	1.09E-05	**2.18E-03**	1.39E-02	1.01E-05	**2.77E-03**	1.99E-02	1.12E-05	**3.98E-03**
558325.174160432.59	558325	4160433	WRKR_377	1.58E-02	7.31E-06	**3.15E-03**	1.18E-02	1.13E-05	**2.36E-03**	1.50E-02	1.05E-05	**3.01E-03**	2.15E-02	1.16E-05	**4.31E-03**
558325.174160442.59	558325	4160443	WRKR_378	1.71E-02	7.60E-06	**3.43E-03**	1.28E-02	1.18E-05	**2.57E-03**	1.63E-02	1.09E-05	**3.27E-03**	2.34E-02	1.21E-05	**4.69E-03**
558325.174160452.59	558325	4160453	WRKR_379	1.87E-02	7.91E-06	**3.75E-03**	1.40E-02	1.22E-05	**2.81E-03**	1.78E-02	1.14E-05	**3.57E-03**	2.56E-02	1.26E-05	**5.12E-03**
558325.174160462.59	558325	4160463	WRKR_380	2.06E-02	8.24E-06	**4.11E-03**	1.54E-02	1.28E-05	**3.08E-03**	1.96E-02	1.19E-05	**3.92E-03**	2.81E-02	1.31E-05	**5.62E-03**
558325.174160472.59	558325	4160473	WRKR_381	2.27E-02	8.61E-06	**4.54E-03**	1.70E-02	1.33E-05	**3.40E-03**	2.16E-02	1.24E-05	**4.33E-03**	3.10E-02	1.37E-05	**6.21E-03**
558325.174160482.59	558325	4160483	WRKR_382	2.52E-02	9.01E-06	**5.04E-03**	1.89E-02	1.40E-05	**3.78E-03**	2.40E-02	1.30E-05	**4.81E-03**	3.45E-02	1.43E-05	**6.89E-03**
558325.174160492.59	558325	4160493	WRKR_383	2.82E-02	9.46E-06	**5.64E-03**	2.11E-02	1.46E-05	**4.22E-03**	2.68E-02	1.36E-05	**5.37E-03**	3.85E-02	1.51E-05	**7.70E-03**
558325.174160502.59	558325	4160503	WRKR_384	3.17E-02	9.97E-06	**6.35E-03**	2.37E-02	1.54E-05	**4.75E-03**	3.02E-02	1.43E-05	**6.05E-03**	4.34E-02	1.59E-05	**8.67E-03**
558325.174160512.59	558325	4160513	WRKR_385	3.60E-02	1.05E-05	**7.20E-03**	2.69E-02	1.63E-05	**5.39E-03**	3.43E-02	1.51E-05	**6.86E-03**	4.92E-02	1.68E-05	**9.84E-03**
558325.174160522.59	558325	4160523	WRKR_386	4.11E-02	1.12E-05	**8.21E-03**	3.07E-02	1.73E-05	**6.15E-03**	3.91E-02	1.61E-05	**7.83E-03**	5.61E-02	1.78E-05	**1.12E-02**
558325.174160532.59	558325	4160533	WRKR_387	4.70E-02	1.19E-05	**9.40E-03**	3.52E-02	1.84E-05	**7.03E-03**	4.48E-02	1.70E-05	**8.96E-03**	6.42E-02	1.89E-05	**1.28E-02**
558335.174160362.59	558335	4160363	WRKR_388	9.28E-03	5.99E-06	**1.86E-03**	6.94E-03	9.28E-06	**1.39E-03**	8.84E-03	8.62E-06	**1.77E-03**	1.27E-02	9.54E-06	**2.54E-03**
558335.174160372.59	558335	4160373	WRKR_389	9.88E-03	6.20E-06	**1.98E-03**	7.39E-03	9.59E-06	**1.48E-03**	9.41E-03	8.91E-06	**1.88E-03**	1.35E-02	9.86E-06	**2.70E-03**
558335.174160382.59	558335	4160383	WRKR_390	1.05E-02	6.39E-06	**2.11E-03**	7.89E-03	9.90E-06	**1.58E-03**	1.00E-02	9.19E-06	**2.01E-03**	1.44E-02	1.02E-05	**2.88E-03**
558335.174160392.59	558335	4160393	WRKR_391	1.13E-02	6.61E-06	**2.26E-03**	8.44E-03	1.02E-05	**1.69E-03**	1.07E-02	9.50E-06	**2.15E-03**	1.54E-02	1.05E-05	**3.08E-03**
558335.174160402.59	558335	4160403	WRKR_392	1.21E-02	6.85E-06	**2.42E-03**	9.05E-03	1.06E-05	**1.81E-03**	1.15E-02	9.84E-06	**2.31E-03**	1.65E-02	1.09E-05	**3.31E-03**
558335.174160412.59	558335	4160413	WRKR_393	1.30E-02	7.09E-06	**2.61E-03**	9.75E-03	1.10E-05	**1.95E-03**	1.24E-02	1.02E-05	**2.48E-03**	1.78E-02	1.13E-05	**3.56E-03**
558335.174160422.59	558335	4160423	WRKR_394	1.41E-02	7.36E-06	**2.82E-03**	1.05E-02	1.14E-05	**2.11E-03**	1.34E-02	1.06E-05	**2.68E-03**	1.92E-02	1.17E-05	**3.85E-03**
558335.174160432.59	558335	4160433	WRKR_395	1.53E-02	7.63E-06	**3.05E-03**	1.14E-02	1.18E-05	**2.29E-03**	1.45E-02	1.10E-05	**2.91E-03**	2.09E-02	1.21E-05	**4.17E-03**
558335.174160442.59	558335	4160443	WRKR_396	1.66E-02	7.95E-06	**3.32E-03**	1.24E-02	1.23E-05	**2.49E-03**	1.58E-02	1.14E-05	**3.17E-03**	2.27E-02	1.26E-05	**4.54E-03**
558335.174160452.59	558335	4160453	WRKR_397	1.82E-02	8.29E-06	**3.63E-03**	1.36E-02	1.28E-05	**2.72E-03**	1.73E-02	1.19E-05	**3.46E-03**	2.48E-02	1.32E-05	**4.97E-03**
558335.174160462.59	558335	4160463	WRKR_398	2.00E-02	8.66E-06	**3.99E-03**	1.49E-02	1.34E-05	**2.99E-03**	1.90E-02	1.24E-05	**3.81E-03**	2.73E-02	1.38E-05	**5.46E-03**
558335.174160472.59	558335	4160473	WRKR_399	2.21E-02	9.06E-06	**4.42E-03**	1.65E-02	1.40E-05	**3.31E-03**	2.10E-02	1.30E-05	**4.21E-03**	3.02E-02	1.44E-05	**6.04E-03**
558335.174160482.59	558335	4160483	WRKR_400	2.46E-02	9.51E-06	**4.92E-03**	1.84E-02	1.47E-05	**3.68E-03**	2.34E-02	1.37E-05	**4.68E-03**	3.36E-02	1.51E-05	**6.72E-03**
558335.174160492.59	558335	4160493	WRKR_401	2.75E-02	1.00E-05	**5.51E-03**	2.06E-02	1.55E-05	**4.12E-03**	2.62E-02	1.44E-05	**5.25E-03**	3.76E-02	1.59E-05	**7.53E-03**
558335.174160502.59	558335	4160503	WRKR_402	3.10E-02	1.06E-05	**6.21E-03**	2.32E-02	1.64E-05	**4.65E-03**	2.96E-02	1.52E-05	**5.92E-03**	4.24E-02	1.68E-05	**8.49E-03**
558335.174160512.59	558335	4160513	WRKR_403	3.52E-02	1.12E-05	**7.05E-03**	2.64E-02	1.74E-05	**5.28E-03**	3.36E-02	1.62E-05	**6.72E-03**	4.82E-02	1.79E-05	**9.63E-03**
558335.174160522.59	558335	4160523	WRKR_404	4.02E-02	1.20E-05	**8.04E-03**	3.01E-02	1.85E-05	**6.02E-03**	3.83E-02	1.72E-05	**7.66E-03**	5.49E-02	1.91E-05	**1.10E-02**
558335.174160532.59	558335	4160533	WRKR_405	4.59E-02	1.28E-05	**9.19E-03**	3.44E-02	1.98E-05	**6.88E-03**	4.38E-02	1.84E-05	**8.76E-03**	6.28E-02	2.03E-05	**1.26E-02**
558345.174160362.59	558345	4160363	WRKR_406	8.97E-03	6.23E-06	**1.79E-03**	6.71E-03	9.64E-06	**1.34E-03**	8.54E-03	8.96E-06	**1.71E-03**	1.23E-02	9.91E-06	**2.45E-03**
558345.174160372.59	558345	4160373	WRKR_407	9.55E-03	6.44E-06	**1.91E-03**	7.14E-03	9.98E-06	**1.43E-03**	9.09E-03	9.27E-06	**1.82E-03**	1.30E-02	1.03E-05	**2.61E-03**
558345.174160382.59	558345	4160383	WRKR_408	1.02E-02	6.67E-06	**2.04E-03**	7.62E-03	1.03E-05	**1.53E-03**	9.70E-03	9.59E-06	**1.94E-03**	1.39E-02	1.06E-05	**2.79E-03**
558345.174160392.59	558345	4160393	WRKR_409	1.09E-02	6.89E-06	**2.18E-03**	8.16E-03	1.07E-05	**1.63E-03**	1.04E-02	9.91E-06	**2.08E-03**	1.49E-02	1.10E-05	**2.98E-03**
558345.174160402.59	558345	4160403	WRKR_410	1.17E-02	7.14E-06	**2.34E-03**	8.75E-03	1.10E-05	**1.75E-03**	1.11E-02	1.03E-05	**2.23E-03**	1.60E-02	1.14E-05	**3.20E-03**
558345.174160412.59	558345	4160413	WRKR_411	1.26E-02	7.40E-06	**2.52E-03**	9.43E-03	1.15E-05	**1.89E-03**	1.20E-02	1.06E-05	**2.40E-03**	1.72E-02	1.18E-05	**3.45E-03**
558345.174160422.59	558345	4160423	WRKR_412	1.36E-02	7.68E-06	**2.72E-03**	1.02E-02	1.19E-05	**2.04E-03**	1.30E-02	1.10E-05	**2.60E-03**	1.86E-02	1.22E-05	**3.72E-03**
558345.174160432.59	558345	4160433	WRKR_413	1.48E-02	7.99E-06	**2.96E-03**	1.11E-02	1.24E-05	**2.21E-03**	1.41E-02	1.15E-05	**2.82E-03**	2.02E-02	1.27E-05	**4.04E-03**
558345.174160442.59	558345	4160443	WRKR_414	1.61E-02	8.28E-06	**3.22E-03**	1.21E-02	1.28E-05	**2.41E-03**	1.53E-02	1.19E-05	**3.07E-03**	2.20E-02	1.32E-05	**4.41E-03**
558345.174160452.59	558345	4160453	WRKR_415	1.76E-02	8.66E-06	**3.53E-03**	1.32E-02	1.34E-05	**2.64E-03**	1.68E-02	1.25E-05	**3.37E-03**	2.41E-02	1.38E-05	**4.83E-03**
558345.174160462.59	558345	4160463	WRKR_416	1.94E-02	9.07E-06	**3.88E-03**	1.45E-02	1.40E-05	**2.91E-03**	1.85E-02	1.30E-05	**3.70E-03**	2.65E-02	1.44E-05	**5.31E-03**
558345.174160472.59	558345	4160473	WRKR_417	2.15E-02	9.50E-06	**4.30E-03**	1.61E-02	1.47E-05	**3.22E-03**	2.05E-02	1.37E-05	**4.09E-03**	2.93E-02	1.51E-05	**5.87E-03**
558345.174160482.59	558345	4160483	WRKR_418	2.39E-02	9.99E-06	**4.79E-03**	1.79E-02	1.55E-05	**3.58E-03**	2.28E-02	1.44E-05	**4.56E-03**	3.27E-02	1.59E-05	**6.54E-03**
558345.174160492.59	558345	4160493	WRKR_419	2.68E-02	1.05E-05	**5.37E-03**	2.01E-02	1.63E-05	**4.02E-03**	2.56E-02	1.52E-05	**5.12E-03**	3.67E-02	1.68E-05	**7.34E-03**
558345.174160502.59	558345	4160503	WRKR_420	3.03E-02	1.12E-05	**6.06E-03**	2.27E-02	1.73E-05	**4.54E-03**	2.89E-02	1.61E-05	**5.78E-03**	4.14E-02	1.78E-05	**8.28E-03**

				AG	AH		AG	AH		AG	AH		AG	AH	
Chronic Hazard Index				**Year 1**			**Year 2**			**Year 3**			**Year 4**		
DPM REL (µg/m³)	**5.0**			**Project Concentrations (µg/m³)**			**(µg/m³)**			**(µg/m³)**			**(µg/m³)**		
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**
558345.174160512.59	558345	4160513	WRKR_421	3.44E-02	1.19E-05	**6.88E-03**	2.57E-02	1.85E-05	**5.15E-03**	3.28E-02	1.71E-05	**6.56E-03**	4.70E-02	1.90E-05	**9.40E-03**
558345.174160522.59	558345	4160523	WRKR_422	3.92E-02	1.27E-05	**7.84E-03**	2.93E-02	1.97E-05	**5.87E-03**	3.73E-02	1.83E-05	**7.47E-03**	5.35E-02	2.03E-05	**1.07E-02**
558345.174160532.59	558345	4160533	WRKR_423	4.47E-02	1.37E-05	**8.95E-03**	3.35E-02	2.12E-05	**6.70E-03**	4.26E-02	1.97E-05	**8.53E-03**	6.11E-02	2.18E-05	**1.22E-02**
558355.174160362.59	558355	4160363	WRKR_424	8.68E-03	6.48E-06	**1.74E-03**	6.49E-03	1.00E-05	**1.30E-03**	8.27E-03	9.31E-06	**1.66E-03**	1.19E-02	1.03E-05	**2.37E-03**
558355.174160372.59	558355	4160373	WRKR_425	9.23E-03	6.70E-06	**1.85E-03**	6.91E-03	1.04E-05	**1.38E-03**	8.80E-03	9.63E-06	**1.76E-03**	1.26E-02	1.07E-05	**2.53E-03**
558355.174160382.59	558355	4160383	WRKR_426	9.86E-03	6.94E-06	**1.97E-03**	7.37E-03	1.07E-05	**1.48E-03**	9.39E-03	9.97E-06	**1.88E-03**	1.35E-02	1.10E-05	**2.70E-03**
558355.174160392.59	558355	4160393	WRKR_427	1.05E-02	7.19E-06	**2.11E-03**	7.89E-03	1.11E-05	**1.58E-03**	1.00E-02	1.03E-05	**2.01E-03**	1.44E-02	1.14E-05	**2.89E-03**
558355.174160402.59	558355	4160403	WRKR_428	1.13E-02	7.44E-06	**2.27E-03**	8.48E-03	1.15E-05	**1.70E-03**	1.08E-02	1.07E-05	**2.16E-03**	1.55E-02	1.18E-05	**3.10E-03**
558355.174160412.59	558355	4160413	WRKR_429	1.22E-02	7.72E-06	**2.44E-03**	9.13E-03	1.20E-05	**1.83E-03**	1.16E-02	1.11E-05	**2.33E-03**	1.67E-02	1.23E-05	**3.34E-03**
558355.174160422.59	558355	4160423	WRKR_430	1.32E-02	8.02E-06	**2.64E-03**	9.88E-03	1.24E-05	**1.98E-03**	1.26E-02	1.15E-05	**2.52E-03**	1.80E-02	1.28E-05	**3.61E-03**
558355.174160432.59	558355	4160433	WRKR_431	1.43E-02	8.33E-06	**2.87E-03**	1.07E-02	1.29E-05	**2.15E-03**	1.37E-02	1.20E-05	**2.73E-03**	1.96E-02	1.33E-05	**3.92E-03**
558355.174160442.59	558355	4160443	WRKR_432	1.56E-02	8.67E-06	**3.13E-03**	1.17E-02	1.34E-05	**2.34E-03**	1.49E-02	1.25E-05	**2.98E-03**	2.14E-02	1.38E-05	**4.28E-03**
558355.174160452.59	558355	4160453	WRKR_433	1.72E-02	9.06E-06	**3.43E-03**	1.28E-02	1.40E-05	**2.57E-03**	1.63E-02	1.30E-05	**3.27E-03**	2.34E-02	1.44E-05	**4.69E-03**
558355.174160462.59	558355	4160463	WRKR_434	1.89E-02	9.49E-06	**3.78E-03**	1.41E-02	1.47E-05	**2.83E-03**	1.80E-02	1.36E-05	**3.60E-03**	2.58E-02	1.51E-05	**5.17E-03**
558355.174160472.59	558355	4160473	WRKR_435	2.09E-02	9.96E-06	**4.19E-03**	1.57E-02	1.54E-05	**3.14E-03**	1.99E-02	1.43E-05	**3.99E-03**	2.86E-02	1.58E-05	**5.72E-03**
558355.174160482.59	558355	4160483	WRKR_436	2.33E-02	1.05E-05	**4.66E-03**	1.74E-02	1.62E-05	**3.49E-03**	2.22E-02	1.50E-05	**4.44E-03**	3.19E-02	1.67E-05	**6.37E-03**
558355.174160492.59	558355	4160493	WRKR_437	2.61E-02	1.11E-05	**5.23E-03**	1.96E-02	1.71E-05	**3.91E-03**	2.49E-02	1.59E-05	**4.98E-03**	3.57E-02	1.76E-05	**7.15E-03**
558355.174160502.59	558355	4160503	WRKR_438	2.95E-02	1.17E-05	**5.90E-03**	2.21E-02	1.82E-05	**4.42E-03**	2.81E-02	1.69E-05	**5.62E-03**	4.03E-02	1.87E-05	**8.06E-03**
558355.174160512.59	558355	4160513	WRKR_439	3.34E-02	1.25E-05	**6.69E-03**	2.50E-02	1.94E-05	**5.01E-03**	3.18E-02	1.80E-05	**6.37E-03**	4.57E-02	1.99E-05	**9.14E-03**
558355.174160522.59	558355	4160523	WRKR_440	3.80E-02	1.35E-05	**7.61E-03**	2.85E-02	2.08E-05	**5.69E-03**	3.62E-02	1.93E-05	**7.25E-03**	5.20E-02	2.14E-05	**1.04E-02**
558355.174160532.59	558355	4160533	WRKR_441	4.34E-02	1.45E-05	**8.68E-03**	3.25E-02	2.25E-05	**6.50E-03**	4.14E-02	2.09E-05	**8.28E-03**	5.93E-02	2.31E-05	**1.19E-02**
558365.174160362.59	558365	4160363	WRKR_442	8.41E-03	6.74E-06	**1.68E-03**	6.29E-03	1.04E-05	**1.26E-03**	8.01E-03	9.69E-06	**1.60E-03**	1.15E-02	1.07E-05	**2.30E-03**
558365.174160372.59	558365	4160373	WRKR_443	8.95E-03	6.98E-06	**1.79E-03**	6.70E-03	1.08E-05	**1.34E-03**	8.53E-03	1.00E-05	**1.71E-03**	1.22E-02	1.11E-05	**2.45E-03**
558365.174160382.59	558365	4160383	WRKR_444	9.55E-03	7.23E-06	**1.91E-03**	7.15E-03	1.12E-05	**1.43E-03**	9.10E-03	1.04E-05	**1.82E-03**	1.31E-02	1.15E-05	**2.61E-03**
558365.174160392.59	558365	4160393	WRKR_445	1.02E-02	7.49E-06	**2.05E-03**	7.65E-03	1.16E-05	**1.53E-03**	9.74E-03	1.08E-05	**1.95E-03**	1.40E-02	1.19E-05	**2.80E-03**
558365.174160402.59	558365	4160403	WRKR_446	1.10E-02	7.76E-06	**2.20E-03**	8.22E-03	1.20E-05	**1.65E-03**	1.05E-02	1.12E-05	**2.10E-03**	1.50E-02	1.23E-05	**3.01E-03**
558365.174160412.59	558365	4160413	WRKR_447	1.18E-02	8.05E-06	**2.37E-03**	8.86E-03	1.25E-05	**1.77E-03**	1.13E-02	1.16E-05	**2.26E-03**	1.62E-02	1.28E-05	**3.24E-03**
558365.174160422.59	558365	4160423	WRKR_448	1.28E-02	8.36E-06	**2.57E-03**	9.59E-03	1.29E-05	**1.92E-03**	1.22E-02	1.20E-05	**2.45E-03**	1.75E-02	1.33E-05	**3.51E-03**
558365.174160432.59	558365	4160433	WRKR_449	1.39E-02	8.69E-06	**2.79E-03**	1.04E-02	1.35E-05	**2.09E-03**	1.33E-02	1.25E-05	**2.66E-03**	1.90E-02	1.38E-05	**3.81E-03**
558365.174160442.59	558365	4160443	WRKR_450	1.52E-02	9.05E-06	**3.05E-03**	1.14E-02	1.40E-05	**2.28E-03**	1.45E-02	1.30E-05	**2.90E-03**	2.08E-02	1.44E-05	**4.16E-03**
558365.174160452.59	558365	4160453	WRKR_451	1.67E-02	9.46E-06	**3.34E-03**	1.25E-02	1.47E-05	**2.50E-03**	1.59E-02	1.36E-05	**3.18E-03**	2.28E-02	1.51E-05	**4.57E-03**
558365.174160462.59	558365	4160463	WRKR_452	1.84E-02	9.91E-06	**3.68E-03**	1.38E-02	1.53E-05	**2.76E-03**	1.75E-02	1.43E-05	**3.51E-03**	2.52E-02	1.58E-05	**5.04E-03**
558365.174160472.59	558365	4160473	WRKR_453	2.04E-02	1.04E-05	**4.09E-03**	1.53E-02	1.61E-05	**3.06E-03**	1.95E-02	1.50E-05	**3.89E-03**	2.79E-02	1.66E-05	**5.59E-03**
558365.174160482.59	558365	4160483	WRKR_454	2.28E-02	1.10E-05	**4.55E-03**	1.70E-02	1.70E-05	**3.41E-03**	2.17E-02	1.57E-05	**4.34E-03**	3.11E-02	1.74E-05	**6.22E-03**
558365.174160492.59	558365	4160493	WRKR_455	2.55E-02	1.16E-05	**5.10E-03**	1.91E-02	1.79E-05	**3.82E-03**	2.43E-02	1.67E-05	**4.86E-03**	3.48E-02	1.84E-05	**6.97E-03**
558365.174160502.59	558365	4160503	WRKR_456	2.87E-02	1.23E-05	**5.75E-03**	2.15E-02	1.91E-05	**4.30E-03**	2.74E-02	1.77E-05	**5.48E-03**	3.93E-02	1.96E-05	**7.85E-03**
558365.174160512.59	558365	4160513	WRKR_457	3.25E-02	1.31E-05	**6.50E-03**	2.43E-02	2.04E-05	**4.87E-03**	3.09E-02	1.89E-05	**6.19E-03**	4.44E-02	2.09E-05	**8.88E-03**
558365.174160522.59	558365	4160523	WRKR_458	3.69E-02	1.41E-05	**7.37E-03**	2.76E-02	2.19E-05	**5.52E-03**	3.51E-02	2.03E-05	**7.03E-03**	5.04E-02	2.25E-05	**1.01E-02**
558365.174160532.59	558365	4160533	WRKR_459	4.20E-02	1.53E-05	**8.39E-03**	3.14E-02	2.37E-05	**6.28E-03**	4.00E-02	2.20E-05	**8.00E-03**	5.73E-02	2.44E-05	**1.15E-02**
558375.174160362.59	558375	4160363	WRKR_460	8.16E-03	7.03E-06	**1.63E-03**	6.11E-03	1.09E-05	**1.22E-03**	7.77E-03	1.01E-05	**1.56E-03**	1.12E-02	1.12E-05	**2.23E-03**
558375.174160372.59	558375	4160373	WRKR_461	8.69E-03	7.29E-06	**1.74E-03**	6.50E-03	1.13E-05	**1.30E-03**	8.28E-03	1.05E-05	**1.66E-03**	1.19E-02	1.16E-05	**2.38E-03**
558375.174160382.59	558375	4160383	WRKR_462	9.28E-03	7.55E-06	**1.86E-03**	6.94E-03	1.17E-05	**1.39E-03**	8.84E-03	1.09E-05	**1.77E-03**	1.27E-02	1.20E-05	**2.54E-03**
558375.174160392.59	558375	4160393	WRKR_463	9.94E-03	7.80E-06	**1.99E-03**	7.44E-03	1.21E-05	**1.49E-03**	9.47E-03	1.12E-05	**1.90E-03**	1.36E-02	1.24E-05	**2.72E-03**
558375.174160402.59	558375	4160403	WRKR_464	1.07E-02	8.09E-06	**2.14E-03**	7.99E-03	1.25E-05	**1.60E-03**	1.02E-02	1.16E-05	**2.04E-03**	1.46E-02	1.29E-05	**2.92E-03**
558375.174160412.59	558375	4160413	WRKR_465	1.15E-02	8.40E-06	**2.31E-03**	8.62E-03	1.30E-05	**1.73E-03**	1.10E-02	1.21E-05	**2.20E-03**	1.58E-02	1.34E-05	**3.15E-03**
558375.174160422.59	558375	4160423	WRKR_466	1.25E-02	8.72E-06	**2.50E-03**	9.34E-03	1.35E-05	**1.87E-03**	1.19E-02	1.25E-05	**2.38E-03**	1.71E-02	1.39E-05	**3.42E-03**
558375.174160432.59	558375	4160433	WRKR_467	1.36E-02	9.07E-06	**2.72E-03**	1.02E-02	1.40E-05	**2.04E-03**	1.29E-02	1.30E-05	**2.59E-03**	1.86E-02	1.44E-05	**3.72E-03**
558375.174160442.59	558375	4160443	WRKR_468	1.48E-02	9.45E-06	**2.97E-03**	1.11E-02	1.46E-05	**2.22E-03**	1.41E-02	1.36E-05	**2.83E-03**	2.03E-02	1.50E-05	**4.06E-03**
558375.174160452.59	558375	4160453	WRKR_469	1.63E-02	9.88E-06	**3.26E-03**	1.22E-02	1.53E-05	**2.44E-03**	1.55E-02	1.42E-05	**3.11E-03**	2.23E-02	1.57E-05	**4.46E-03**
558375.174160462.59	558375	4160463	WRKR_470	1.80E-02	1.03E-05	**3.60E-03**	1.35E-02	1.60E-05	**2.69E-03**	1.71E-02	1.49E-05	**3.43E-03**	2.46E-02	1.65E-05	**4.92E-03**
558375.174160472.59	558375	4160473	WRKR_471	1.99E-02	1.09E-05	**3.99E-03**	1.49E-02	1.68E-05	**2.99E-03**	1.90E-02	1.56E-05	**3.80E-03**	2.73E-02	1.73E-05	**5.46E-03**
558375.174160482.59	558375	4160483	WRKR_472	2.22E-02	1.14E-05	**4.45E-03**	1.66E-02	1.77E-05	**3.33E-03**	2.12E-02	1.65E-05	**4.24E-03**	3.04E-02	1.82E-05	**6.08E-03**
558375.174160492.59	558375	4160493	WRKR_473	2.49E-02	1.21E-05	**4.98E-03**	1.86E-02	1.87E-05	**3.73E-03**	2.37E-02	1.74E-05	**4.75E-03**	3.40E-02	1.93E-05	**6.81E-03**
558375.174160502.59	558375	4160503	WRKR_474	2.80E-02	1.29E-05	**5.60E-03**	2.09E-02	1.99E-05	**4.19E-03**	2.67E-02	1.85E-05	**5.34E-03**	3.83E-02	2.05E-05	**7.66E-03**
558375.174160512.59	558375	4160513	WRKR_475	3.16E-02	1.38E-05	**6.32E-03**	2.36E-02	2.13E-05	**4.73E-03**	3.01E-02	1.98E-05	**6.02E-03**	4.32E-02	2.19E-05	**8.64E-03**
558375.174160522.59	558375	4160523	WRKR_476	3.57E-02	1.48E-05	**7.15E-03**	2.67E-02	2.30E-05	**5.35E-03**	3.40E-02	2.13E-05	**6.81E-03**	4.88E-02	2.36E-05	**9.77E-03**
558375.174160532.59	558375	4160533	WRKR_477	4.05E-02	1.61E-05	**8.11E-03**	3.03E-02	2.49E-05	**6.07E-03**	3.86E-02	2.32E-05	**7.73E-03**	5.54E-02	2.56E-05	**1.11E-02**
558385.174160362.59	558385	4160363	WRKR_478	7.94E-03	7.33E-06	**1.59E-03**	5.94E-03	1.14E-05	**1.19E-03**	7.56E-03	1.05E-05	**1.52E-03**	1.09E-02	1.17E-05	**2.17E-03**
558385.174160372.59	558385	4160373	WRKR_479	8.46E-03	7.61E-06	**1.69E-03**	6.33E-03	1.18E-05	**1.27E-03**	8.06E-03	1.09E-05	**1.61E-03**	1.16E-02	1.21E-05	**2.31E-03**
558385.174160382.59	558385	4160383	WRKR_480	9.03E-03	7.89E-06	**1.81E-03**	6.76E-03	1.22E-05	**1.35E-03**	8.61E-03	1.13E-05	**1.72E-03**	1.23E-02	1.25E-05	**2.47E-03**
558385.174160392.59	558385	4160393	WRKR_481	9.69E-03	8.12E-06	**1.94E-03**	7.25E-03	1.26E-05	**1.45E-03**	9.23E-03	1.17E-05	**1.85E-03**	1.32E-02	1.29E-05	**2.65E-03**
558385.174160402.59	558385	4160403	WRKR_482	1.04E-02	8.43E-06	**2.09E-03**	7.80E-03	1.31E-05	**1.56E-03**	9.93E-03	1.21E-05	**1.99E-03**	1.42E-02	1.34E-05	**2.85E-03**
558385.174160412.59	558385	4160413	WRKR_483	1.12E-02	8.76E-06	**2.25E-03**	8.42E-03	1.36E-05	**1.69E-03**	1.07E-02	1.26E-05	**2.15E-03**	1.54E-02	1.39E-05	**3.08E-03**
558385.174160422.59	558385	4160423	WRKR_484	1.22E-02	9.10E-06	**2.44E-03**	9.13E-03	1.41E-05	**1.83E-03**	1.16E-02	1.31E-05	**2.33E-03**	1.67E-02	1.45E-05	**3.34E-03**
558385.174160432.59	558385	4160433	WRKR_485	1.33E-02	9.46E-06	**2.66E-03**	9.94E-03	1.46E-05	**1.99E-03**	1.27E-02	1.36E-05	**2.53E-03**	1.81E-02	1.51E-05	**3.63E-03**
558385.174160442.59	558385	4160443	WRKR_486	1.45E-02	9.87E-06	**2.91E-03**	1.09E-02	1.53E-05	**2.18E-03**	1.38E-02	1.42E-05	**2.77E-03**	1.98E-02	1.57E-05	**3.97E-03**
558385.174160452.59	558385	4160453	WRKR_487	1.59E-02	1.03E-05	**3.19E-03**	1.19E-02	1.60E-05	**2.39E-03**	1.52E-02	1.48E-05	**3.04E-03**	2.18E-02	1.64E-05	**4.36E-03**
558385.174160462.59	558385	4160463	WRKR_488	1.76E-02	1.08E-05	**3.52E-03**	1.32E-02	1.67E-05	**2.64E-03**	1.68E-02	1.55E-05	**3.36E-03**	2.41E-02	1.72E-05	**4.82E-03**
558385.174160472.59	558385	4160473	WRKR_489	1.95E-02	1.13E-05	**3.91E-03**	1.46E-02	1.75E-05	**2.93E-03**	1.86E-02	1.63E-05	**3.72E-03**	2.67E-02	1.80E-05	**5.34E-03**
558385.174160482.59	558385	4160483	WRKR_490	2.18E-02	1.19E-05	**4.35E-03**	1.63E-02	1.85E-05	**3.26E-03**	2.07E-02	1.72E-05	**4.15E-03**	2.97E-02	1.90E-05	**5.95E-03**
558385.174160492.59	558385	4160493	WRKR_491	2.43E-02	1.26E-05	**4.87E-03**	1.82E-02	1.96E-05	**3.65E-03**	2.32E-02	1.82E-05	**4.64E-03**	3.33E-02	2.01E-05	**6.66E-03**
558385.174160502.59	558385	4160503	WRKR_492	2.73E-02	1.35E-05	**5.46E-03**	2.04E-02	2.08E-05	**4.09E-03**	2.60E-02	1.93E-05	**5.21E-03**	3.73E-02	2.14E-05	**7.47E-03**
558385.174160512.59	558385	4160513	WRKR_493	3.07E-02	1.44E-05	**6.15E-03**	2.30E-02	2.23E-05	**4.60E-03**	2.93E-02	2.07E-05	**5.86E-03**	4.20E-02	2.29E-05	**8.40E-03**

				AG	AH		AG	AH		AG	AH		AG	AH	
Chronic Hazard Index				**Year 1**			**Year 2**			**Year 3**			**Year 4**		
DPM REL (µg/m³)	**5.0**			**Project Concentrations (µg/m³)**			**(µg/m³)**			**(µg/m³)**			**(µg/m³)**		
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**
558385.174160522.59	558385	4160523	WRKR_494	3.46E-02	1.55E-05	**6.93E-03**	2.59E-02	2.40E-05	**5.19E-03**	3.30E-02	2.23E-05	**6.60E-03**	4.73E-02	2.47E-05	**9.47E-03**
558385.174160532.59	558385	4160533	WRKR_495	3.91E-02	1.69E-05	**7.82E-03**	2.93E-02	2.61E-05	**5.86E-03**	3.73E-02	2.42E-05	**7.46E-03**	5.34E-02	2.68E-05	**1.07E-02**
558395.174160362.59	558395	4160363	WRKR_496	7.75E-03	7.64E-06	**1.55E-03**	5.80E-03	1.18E-05	**1.16E-03**	7.38E-03	1.10E-05	**1.48E-03**	1.06E-02	1.22E-05	**2.12E-03**
558395.174160372.59	558395	4160373	WRKR_497	8.26E-03	7.92E-06	**1.65E-03**	6.18E-03	1.23E-05	**1.24E-03**	7.87E-03	1.14E-05	**1.58E-03**	1.13E-02	1.26E-05	**2.26E-03**
558395.174160382.59	558395	4160383	WRKR_498	8.83E-03	8.19E-06	**1.77E-03**	6.61E-03	1.27E-05	**1.32E-03**	8.41E-03	1.18E-05	**1.68E-03**	1.21E-02	1.30E-05	**2.42E-03**
558395.174160392.59	558395	4160393	WRKR_499	9.47E-03	8.48E-06	**1.90E-03**	7.09E-03	1.31E-05	**1.42E-03**	9.02E-03	1.22E-05	**1.81E-03**	1.29E-02	1.35E-05	**2.59E-03**
558395.174160402.59	558395	4160403	WRKR_500	1.02E-02	8.79E-06	**2.04E-03**	7.63E-03	1.36E-05	**1.53E-03**	9.71E-03	1.26E-05	**1.95E-03**	1.39E-02	1.40E-05	**2.79E-03**
558395.174160412.59	558395	4160413	WRKR_501	1.10E-02	9.13E-06	**2.21E-03**	8.24E-03	1.41E-05	**1.65E-03**	1.05E-02	1.31E-05	**2.10E-03**	1.51E-02	1.45E-05	**3.01E-03**
558395.174160422.59	558395	4160423	WRKR_502	1.20E-02	9.48E-06	**2.39E-03**	8.95E-03	1.47E-05	**1.79E-03**	1.14E-02	1.36E-05	**2.28E-03**	1.63E-02	1.51E-05	**3.27E-03**
558395.174160432.59	558395	4160433	WRKR_503	1.30E-02	9.87E-06	**2.61E-03**	9.75E-03	1.53E-05	**1.95E-03**	1.24E-02	1.42E-05	**2.49E-03**	1.78E-02	1.57E-05	**3.56E-03**
558395.174160442.59	558395	4160443	WRKR_504	1.43E-02	1.03E-05	**2.85E-03**	1.07E-02	1.59E-05	**2.14E-03**	1.36E-02	1.48E-05	**2.72E-03**	1.95E-02	1.64E-05	**3.90E-03**
558395.174160452.59	558395	4160453	WRKR_505	1.57E-02	1.08E-05	**3.13E-03**	1.17E-02	1.67E-05	**2.35E-03**	1.49E-02	1.55E-05	**2.99E-03**	2.14E-02	1.71E-05	**4.29E-03**
558395.174160462.59	558395	4160463	WRKR_506	1.73E-02	1.13E-05	**3.46E-03**	1.29E-02	1.74E-05	**2.59E-03**	1.65E-02	1.62E-05	**3.30E-03**	2.36E-02	1.79E-05	**4.73E-03**
558395.174160472.59	558395	4160473	WRKR_507	1.92E-02	1.18E-05	**3.84E-03**	1.43E-02	1.83E-05	**2.87E-03**	1.83E-02	1.70E-05	**3.66E-03**	2.62E-02	1.88E-05	**5.24E-03**
558395.174160482.59	558395	4160483	WRKR_508	2.13E-02	1.25E-05	**4.27E-03**	1.60E-02	1.93E-05	**3.20E-03**	2.03E-02	1.79E-05	**4.07E-03**	2.92E-02	1.98E-05	**5.84E-03**
558395.174160492.59	558395	4160493	WRKR_509	2.38E-02	1.32E-05	**4.77E-03**	1.78E-02	2.04E-05	**3.57E-03**	2.27E-02	1.90E-05	**4.55E-03**	3.26E-02	2.10E-05	**6.52E-03**
558395.174160502.59	558395	4160503	WRKR_510	2.67E-02	1.40E-05	**5.34E-03**	2.00E-02	2.17E-05	**4.00E-03**	2.54E-02	2.02E-05	**5.09E-03**	3.65E-02	2.23E-05	**7.30E-03**
558395.174160512.59	558395	4160513	WRKR_511	2.99E-02	1.50E-05	**5.99E-03**	2.24E-02	2.33E-05	**4.48E-03**	2.85E-02	2.16E-05	**5.71E-03**	4.09E-02	2.39E-05	**8.18E-03**
557513.484160678.78	557513	4160679	HOTEL_1	2.33E-03	5.78E-07	**4.65E-04**	1.74E-03	8.95E-07	**3.48E-04**	2.22E-03	8.31E-07	**4.43E-04**	3.18E-03	9.20E-07	**6.36E-04**
557513.484160688.78	557513	4160689	HOTEL_2	2.32E-03	5.78E-07	**4.64E-04**	1.73E-03	8.95E-07	**3.47E-04**	2.21E-03	8.32E-07	**4.42E-04**	3.17E-03	9.20E-07	**6.34E-04**
557513.484160698.78	557513	4160699	HOTEL_3	2.31E-03	5.79E-07	**4.62E-04**	1.73E-03	8.96E-07	**3.46E-04**	2.20E-03	8.32E-07	**4.41E-04**	3.16E-03	9.21E-07	**6.32E-04**
557513.484160708.78	557513	4160709	HOTEL_4	2.31E-03	5.79E-07	**4.62E-04**	1.73E-03	8.97E-07	**3.45E-04**	2.20E-03	8.33E-07	**4.40E-04**	3.15E-03	9.22E-07	**6.31E-04**
557513.484160718.78	557513	4160719	HOTEL_5	2.30E-03	5.80E-07	**4.61E-04**	1.72E-03	8.98E-07	**3.45E-04**	2.20E-03	8.34E-07	**4.39E-04**	3.15E-03	9.23E-07	**6.30E-04**
557513.484160728.78	557513	4160729	HOTEL_6	2.30E-03	5.80E-07	**4.61E-04**	1.72E-03	8.99E-07	**3.45E-04**	2.19E-03	8.35E-07	**4.39E-04**	3.15E-03	9.24E-07	**6.30E-04**
557523.484160678.78	557523	4160679	HOTEL_7	2.39E-03	5.87E-07	**4.78E-04**	1.79E-03	9.09E-07	**3.57E-04**	2.27E-03	8.44E-07	**4.55E-04**	3.26E-03	9.34E-07	**6.53E-04**
557523.484160688.78	557523	4160689	HOTEL_8	2.38E-03	5.87E-07	**4.76E-04**	1.78E-03	9.09E-07	**3.56E-04**	2.27E-03	8.44E-07	**4.54E-04**	3.25E-03	9.34E-07	**6.51E-04**
557523.484160698.78	557523	4160699	HOTEL_9	2.37E-03	5.88E-07	**4.75E-04**	1.78E-03	9.10E-07	**3.55E-04**	2.26E-03	8.45E-07	**4.52E-04**	3.24E-03	9.35E-07	**6.49E-04**
557523.484160708.78	557523	4160709	HOTEL_10	2.37E-03	5.88E-07	**4.74E-04**	1.77E-03	9.10E-07	**3.55E-04**	2.26E-03	8.46E-07	**4.51E-04**	3.24E-03	9.36E-07	**6.48E-04**
557523.484160718.78	557523	4160719	HOTEL_11	2.37E-03	5.89E-07	**4.73E-04**	1.77E-03	9.11E-07	**3.54E-04**	2.25E-03	8.47E-07	**4.51E-04**	3.23E-03	9.37E-07	**6.47E-04**
557523.484160728.78	557523	4160729	HOTEL_12	2.37E-03	5.90E-07	**4.73E-04**	1.77E-03	9.13E-07	**3.54E-04**	2.25E-03	8.48E-07	**4.51E-04**	3.23E-03	9.38E-07	**6.47E-04**
557533.484160678.78	557533	4160679	HOTEL_13	2.46E-03	5.97E-07	**4.91E-04**	1.84E-03	9.24E-07	**3.68E-04**	2.34E-03	8.58E-07	**4.68E-04**	3.36E-03	9.49E-07	**6.71E-04**
557533.484160688.78	557533	4160689	HOTEL_14	2.45E-03	5.97E-07	**4.90E-04**	1.83E-03	9.24E-07	**3.67E-04**	2.33E-03	8.58E-07	**4.67E-04**	3.35E-03	9.50E-07	**6.70E-04**
557533.484160698.78	557533	4160699	HOTEL_15	2.44E-03	5.97E-07	**4.89E-04**	1.83E-03	9.25E-07	**3.66E-04**	2.33E-03	8.59E-07	**4.66E-04**	3.34E-03	9.50E-07	**6.68E-04**
557533.484160708.78	557533	4160709	HOTEL_16	2.44E-03	5.98E-07	**4.87E-04**	1.82E-03	9.25E-07	**3.65E-04**	2.32E-03	8.59E-07	**4.64E-04**	3.33E-03	9.51E-07	**6.66E-04**
557533.484160718.78	557533	4160719	HOTEL_17	2.43E-03	5.98E-07	**4.87E-04**	1.82E-03	9.26E-07	**3.64E-04**	2.32E-03	8.60E-07	**4.64E-04**	3.33E-03	9.52E-07	**6.65E-04**
557533.484160728.78	557533	4160729	HOTEL_18	2.43E-03	5.99E-07	**4.87E-04**	1.82E-03	9.27E-07	**3.64E-04**	2.32E-03	8.61E-07	**4.64E-04**	3.32E-03	9.53E-07	**6.65E-04**
557543.484160678.78	557543	4160679	HOTEL_19	2.53E-03	6.06E-07	**5.05E-04**	1.89E-03	9.38E-07	**3.78E-04**	2.41E-03	8.72E-07	**4.81E-04**	3.45E-03	9.64E-07	**6.91E-04**
557543.484160688.78	557543	4160689	HOTEL_20	2.52E-03	6.06E-07	**5.04E-04**	1.88E-03	9.39E-07	**3.77E-04**	2.40E-03	8.72E-07	**4.80E-04**	3.44E-03	9.65E-07	**6.89E-04**
557543.484160698.78	557543	4160699	HOTEL_21	2.51E-03	6.07E-07	**5.02E-04**	1.88E-03	9.39E-07	**3.76E-04**	2.39E-03	8.72E-07	**4.79E-04**	3.43E-03	9.65E-07	**6.87E-04**
557543.484160708.78	557543	4160709	HOTEL_22	2.51E-03	6.07E-07	**5.02E-04**	1.88E-03	9.40E-07	**3.75E-04**	2.39E-03	8.73E-07	**4.78E-04**	3.43E-03	9.66E-07	**6.86E-04**
557543.484160718.78	557543	4160719	HOTEL_23	2.50E-03	6.08E-07	**5.01E-04**	1.87E-03	9.41E-07	**3.75E-04**	2.38E-03	8.74E-07	**4.77E-04**	3.42E-03	9.67E-07	**6.84E-04**
557543.484160728.78	557543	4160729	HOTEL_24	2.50E-03	6.09E-07	**5.01E-04**	1.87E-03	9.42E-07	**3.75E-04**	2.38E-03	8.75E-07	**4.77E-04**	3.42E-03	9.68E-07	**6.84E-04**
557553.484160678.78	557553	4160679	HOTEL_25	2.61E-03	6.17E-07	**5.22E-04**	1.95E-03	9.55E-07	**3.91E-04**	2.49E-03	8.87E-07	**4.98E-04**	3.57E-03	9.82E-07	**7.14E-04**
557553.484160688.78	557553	4160689	HOTEL_26	2.60E-03	6.17E-07	**5.20E-04**	1.95E-03	9.55E-07	**3.89E-04**	2.48E-03	8.87E-07	**4.96E-04**	3.55E-03	9.82E-07	**7.11E-04**
557553.484160698.78	557553	4160699	HOTEL_27	2.59E-03	6.18E-07	**5.19E-04**	1.94E-03	9.56E-07	**3.89E-04**	2.47E-03	8.88E-07	**4.95E-04**	3.55E-03	9.83E-07	**7.09E-04**
557553.484160708.78	557553	4160709	HOTEL_28	2.59E-03	6.18E-07	**5.18E-04**	1.94E-03	9.57E-07	**3.88E-04**	2.47E-03	8.89E-07	**4.94E-04**	3.54E-03	9.84E-07	**7.08E-04**
557553.484160718.78	557553	4160719	HOTEL_29	2.58E-03	6.19E-07	**5.17E-04**	1.93E-03	9.58E-07	**3.87E-04**	2.46E-03	8.90E-07	**4.93E-04**	3.53E-03	9.84E-07	**7.07E-04**
557553.484160728.78	557553	4160729	HOTEL_30	2.58E-03	6.19E-07	**5.17E-04**	1.93E-03	9.59E-07	**3.87E-04**	2.46E-03	8.90E-07	**4.92E-04**	3.53E-03	9.85E-07	**7.06E-04**
557563.484160678.78	557563	4160679	HOTEL_31	2.70E-03	6.28E-07	**5.40E-04**	2.02E-03	9.73E-07	**4.04E-04**	2.57E-03	9.03E-07	**5.14E-04**	3.69E-03	1.00E-06	**7.38E-04**
557563.484160688.78	557563	4160689	HOTEL_32	2.69E-03	6.28E-07	**5.37E-04**	2.01E-03	9.72E-07	**4.02E-04**	2.56E-03	9.03E-07	**5.12E-04**	3.67E-03	9.99E-07	**7.34E-04**
557563.484160698.78	557563	4160699	HOTEL_33	2.68E-03	6.28E-07	**5.35E-04**	2.00E-03	9.73E-07	**4.01E-04**	2.55E-03	9.03E-07	**5.10E-04**	3.66E-03	1.00E-06	**7.32E-04**
557563.484160708.78	557563	4160709	HOTEL_34	2.67E-03	6.29E-07	**5.34E-04**	2.00E-03	9.73E-07	**4.00E-04**	2.54E-03	9.04E-07	**5.09E-04**	3.65E-03	1.00E-06	**7.30E-04**
557563.484160718.78	557563	4160719	HOTEL_35	2.66E-03	6.29E-07	**5.33E-04**	1.99E-03	9.74E-07	**3.99E-04**	2.54E-03	9.05E-07	**5.08E-04**	3.64E-03	1.00E-06	**7.28E-04**
557563.484160728.78	557563	4160729	HOTEL_36	2.66E-03	6.30E-07	**5.33E-04**	1.99E-03	9.75E-07	**3.99E-04**	2.54E-03	9.05E-07	**5.08E-04**	3.64E-03	1.00E-06	**7.28E-04**
557573.484160678.78	557573	4160679	HOTEL_37	2.77E-03	6.38E-07	**5.55E-04**	2.08E-03	9.88E-07	**4.15E-04**	2.64E-03	9.18E-07	**5.29E-04**	3.79E-03	1.02E-06	**7.58E-04**
557573.484160688.78	557573	4160689	HOTEL_38	2.77E-03	6.39E-07	**5.54E-04**	2.07E-03	9.89E-07	**4.14E-04**	2.64E-03	9.18E-07	**5.28E-04**	3.78E-03	1.02E-06	**7.57E-04**
557573.484160698.78	557573	4160699	HOTEL_39	2.76E-03	6.39E-07	**5.52E-04**	2.06E-03	9.89E-07	**4.13E-04**	2.63E-03	9.19E-07	**5.26E-04**	3.77E-03	1.02E-06	**7.54E-04**
557573.484160708.78	557573	4160709	HOTEL_40	2.75E-03	6.39E-07	**5.51E-04**	2.06E-03	9.90E-07	**4.12E-04**	2.62E-03	9.19E-07	**5.25E-04**	3.76E-03	1.02E-06	**7.53E-04**
557573.484160718.78	557573	4160719	HOTEL_41	2.75E-03	6.40E-07	**5.49E-04**	2.06E-03	9.90E-07	**4.11E-04**	2.62E-03	9.20E-07	**5.24E-04**	3.75E-03	1.02E-06	**7.51E-04**
557573.484160728.78	557573	4160729	HOTEL_42	2.75E-03	6.40E-07	**5.49E-04**	2.05E-03	9.92E-07	**4.11E-04**	2.62E-03	9.21E-07	**5.23E-04**	3.75E-03	1.02E-06	**7.51E-04**
557583.484160678.78	557583	4160679	HOTEL_43	2.86E-03	6.49E-07	**5.72E-04**	2.14E-03	1.00E-06	**4.28E-04**	2.72E-03	9.33E-07	**5.45E-04**	3.91E-03	1.03E-06	**7.81E-04**
557583.484160688.78	557583	4160689	HOTEL_44	2.85E-03	6.49E-07	**5.70E-04**	2.13E-03	1.01E-06	**4.26E-04**	2.71E-03	9.33E-07	**5.43E-04**	3.89E-03	1.03E-06	**7.79E-04**
557583.484160698.78	557583	4160699	HOTEL_45	2.84E-03	6.50E-07	**5.69E-04**	2.13E-03	1.01E-06	**4.26E-04**	2.71E-03	9.34E-07	**5.42E-04**	3.88E-03	1.03E-06	**7.77E-04**
557583.484160708.78	557583	4160709	HOTEL_46	2.84E-03	6.51E-07	**5.68E-04**	2.13E-03	1.01E-06	**4.26E-04**	2.71E-03	9.36E-07	**5.42E-04**	3.88E-03	1.04E-06	**7.77E-04**
557583.484160718.78	557583	4160719	HOTEL_47	2.83E-03	6.51E-07	**5.67E-04**	2.12E-03	1.01E-06	**4.24E-04**	2.70E-03	9.36E-07	**5.40E-04**	3.87E-03	1.04E-06	**7.75E-04**
557583.484160728.78	557583	4160729	HOTEL_48	2.83E-03	6.51E-07	**5.66E-04**	2.12E-03	1.01E-06	**4.24E-04**	2.70E-03	9.36E-07	**5.40E-04**	3.87E-03	1.04E-06	**7.74E-04**
557593.484160678.78	557593	4160679	HOTEL_49	2.95E-03	6.60E-07	**5.90E-04**	2.21E-03	1.02E-06	**4.42E-04**	2.81E-03	9.50E-07	**5.62E-04**	4.03E-03	1.05E-06	**8.07E-04**
557593.484160688.78	557593	4160689	HOTEL_50	2.94E-03	6.61E-07	**5.89E-04**	2.20E-03	1.02E-06	**4.41E-04**	2.80E-03	9.50E-07	**5.61E-04**	4.02E-03	1.05E-06	**8.05E-04**
557593.484160698.78	557593	4160699	HOTEL_51	2.94E-03	6.61E-07	**5.87E-04**	2.20E-03	1.02E-06	**4.39E-04**	2.80E-03	9.51E-07	**5.60E-04**	4.01E-03	1.05E-06	**8.03E-04**
557593.484160708.78	557593	4160709	HOTEL_52	2.93E-03	6.62E-07	**5.86E-04**	2.19E-03	1.02E-06	**4.39E-04**	2.79E-03	9.51E-07	**5.59E-04**	4.00E-03	1.05E-06	**8.01E-04**
557593.484160718.78	557593	4160719	HOTEL_53	2.92E-03	6.62E-07	**5.85E-04**	2.19E-03	1.02E-06	**4.38E-04**	2.79E-03	9.52E-07	**5.58E-04**	4.00E-03	1.05E-06	**8.00E-04**
557593.484160728.78	557593	4160729	HOTEL_54	2.92E-03	6.63E-07	**5.85E-04**	2.19E-03	1.03E-06	**4.38E-04**	2.78E-03	9.53E-07	**5.57E-04**	3.99E-03	1.05E-06	**7.99E-04**
557603.484160678.78	557603	4160679	HOTEL_55	3.05E-03	6.72E-07	**6.10E-04**	2.28E-03	1.04E-06	**4.56E-04**	2.90E-03	9.66E-07	**5.81E-04**	4.16E-03	1.07E-06	**8.33E-04**

				AG	AH		AG	AH		AG	AH		AG	AH	
Chronic Hazard Index				**Year 1**			**Year 2**			**Year 3**			**Year 4**		
DPM REL (µg/m³)	**5.0**			**Project Concentrations (µg/m³)**			**(µg/m³)**			**(µg/m³)**			**(µg/m³)**		
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**
557603.484160688.78	557603	4160689	HOTEL_56	3.04E-03	6.73E-07	**6.08E-04**	2.28E-03	1.04E-06	**4.55E-04**	2.90E-03	9.67E-07	**5.80E-04**	4.16E-03	1.07E-06	**8.32E-04**
557603.484160698.78	557603	4160699	HOTEL_57	3.03E-03	6.73E-07	**6.07E-04**	2.27E-03	1.04E-06	**4.54E-04**	2.89E-03	9.68E-07	**5.78E-04**	4.15E-03	1.07E-06	**8.29E-04**
557603.484160708.78	557603	4160709	HOTEL_58	3.03E-03	6.73E-07	**6.05E-04**	2.26E-03	1.04E-06	**4.53E-04**	2.88E-03	9.68E-07	**5.77E-04**	4.14E-03	1.07E-06	**8.27E-04**
557603.484160718.78	557603	4160719	HOTEL_59	3.02E-03	6.74E-07	**6.05E-04**	2.26E-03	1.04E-06	**4.53E-04**	2.88E-03	9.69E-07	**5.77E-04**	4.13E-03	1.07E-06	**8.27E-04**
557613.484160678.78	557613	4160679	HOTEL_60	3.16E-03	6.85E-07	**6.32E-04**	2.37E-03	1.06E-06	**4.73E-04**	3.01E-03	9.85E-07	**6.03E-04**	4.32E-03	1.09E-06	**8.64E-04**
557613.484160688.78	557613	4160689	HOTEL_61	3.15E-03	6.85E-07	**6.30E-04**	2.36E-03	1.06E-06	**4.72E-04**	3.00E-03	9.85E-07	**6.00E-04**	4.30E-03	1.09E-06	**8.61E-04**
557613.484160698.78	557613	4160699	HOTEL_62	3.14E-03	6.85E-07	**6.28E-04**	2.35E-03	1.06E-06	**4.70E-04**	2.99E-03	9.85E-07	**5.98E-04**	4.29E-03	1.09E-06	**8.58E-04**
557613.484160708.78	557613	4160709	HOTEL_63	3.13E-03	6.86E-07	**6.27E-04**	2.34E-03	1.06E-06	**4.69E-04**	2.98E-03	9.86E-07	**5.97E-04**	4.28E-03	1.09E-06	**8.56E-04**
557623.484160688.78	557623	4160689	HOTEL_64	3.26E-03	6.98E-07	**6.52E-04**	2.44E-03	1.08E-06	**4.88E-04**	3.10E-03	1.00E-06	**6.21E-04**	4.45E-03	1.11E-06	**8.91E-04**
557623.484160698.78	557623	4160699	HOTEL_65	3.25E-03	6.98E-07	**6.49E-04**	2.43E-03	1.08E-06	**4.86E-04**	3.09E-03	1.00E-06	**6.19E-04**	4.44E-03	1.11E-06	**8.87E-04**
557623.484160708.78	557623	4160709	HOTEL_66	3.24E-03	6.98E-07	**6.49E-04**	2.43E-03	1.08E-06	**4.86E-04**	3.09E-03	1.00E-06	**6.18E-04**	4.43E-03	1.11E-06	**8.87E-04**
558477.664160568.94	558478	4160569	WRKR_512	4.20E-02	3.91E-05	**8.41E-03**	3.15E-02	6.05E-05	**6.30E-03**	4.00E-02	5.62E-05	**8.02E-03**	5.74E-02	6.22E-05	**1.15E-02**
558477.664160578.94	558478	4160579	WRKR_513	4.61E-02	4.52E-05	**9.24E-03**	3.45E-02	7.00E-05	**6.92E-03**	4.40E-02	6.50E-05	**8.80E-03**	6.31E-02	7.20E-05	**1.26E-02**
558477.664160588.94	558478	4160589	WRKR_514	5.06E-02	5.35E-05	**1.01E-02**	3.79E-02	8.27E-05	**7.59E-03**	4.82E-02	7.69E-05	**9.66E-03**	6.92E-02	8.50E-05	**1.39E-02**
558477.664160598.94	558478	4160599	WRKR_515	5.55E-02	6.49E-05	**1.11E-02**	4.15E-02	1.00E-04	**8.32E-03**	5.28E-02	9.33E-05	**1.06E-02**	7.58E-02	1.03E-04	**1.52E-02**
558487.664160568.94	558488	4160569	WRKR_516	4.00E-02	4.07E-05	**8.01E-03**	2.99E-02	6.29E-05	**6.00E-03**	3.81E-02	5.85E-05	**7.64E-03**	5.47E-02	6.47E-05	**1.10E-02**
558487.664160578.94	558488	4160579	WRKR_517	4.36E-02	4.63E-05	**8.73E-03**	3.26E-02	7.17E-05	**6.54E-03**	4.15E-02	6.66E-05	**8.32E-03**	5.96E-02	7.37E-05	**1.19E-02**
558487.664160588.94	558488	4160589	WRKR_518	4.74E-02	5.36E-05	**9.50E-03**	3.55E-02	8.30E-05	**7.11E-03**	4.52E-02	7.71E-05	**9.05E-03**	6.48E-02	8.53E-05	**1.30E-02**
558487.664160598.94	558488	4160599	WRKR_519	5.15E-02	6.38E-05	**1.03E-02**	3.86E-02	9.88E-05	**7.73E-03**	4.91E-02	9.17E-05	**9.84E-03**	7.04E-02	1.01E-04	**1.41E-02**
558497.664160568.94	558498	4160569	WRKR_520	3.86E-02	4.30E-05	**7.73E-03**	2.89E-02	6.66E-05	**5.79E-03**	3.68E-02	6.19E-05	**7.37E-03**	5.28E-02	6.85E-05	**1.06E-02**
558497.664160578.94	558498	4160579	WRKR_521	4.18E-02	4.85E-05	**8.38E-03**	3.13E-02	7.51E-05	**6.28E-03**	3.99E-02	6.97E-05	**7.99E-03**	5.72E-02	7.71E-05	**1.15E-02**
558497.664160588.94	558498	4160589	WRKR_522	4.53E-02	5.58E-05	**9.07E-03**	3.39E-02	8.64E-05	**6.80E-03**	4.32E-02	8.02E-05	**8.65E-03**	6.19E-02	8.88E-05	**1.24E-02**
558497.664160598.94	558498	4160599	WRKR_523	4.88E-02	6.58E-05	**9.78E-03**	3.65E-02	1.02E-04	**7.33E-03**	4.65E-02	9.46E-05	**9.33E-03**	6.68E-02	1.05E-04	**1.34E-02**
558507.664160568.94	558508	4160569	WRKR_524	3.75E-02	4.70E-05	**7.51E-03**	2.81E-02	7.27E-05	**5.63E-03**	3.57E-02	6.75E-05	**7.16E-03**	5.13E-02	7.47E-05	**1.03E-02**
558507.664160578.94	558508	4160579	WRKR_525	4.04E-02	5.23E-05	**8.09E-03**	3.02E-02	8.10E-05	**6.06E-03**	3.85E-02	7.52E-05	**7.71E-03**	5.52E-02	8.32E-05	**1.11E-02**
558507.664160588.94	558508	4160589	WRKR_526	4.35E-02	6.03E-05	**8.72E-03**	3.26E-02	9.33E-05	**6.53E-03**	4.15E-02	8.67E-05	**8.31E-03**	5.95E-02	9.59E-05	**1.19E-02**
558507.664160598.94	558508	4160599	WRKR_527	4.67E-02	7.12E-05	**9.35E-03**	3.49E-02	1.10E-04	**7.01E-03**	4.45E-02	1.02E-04	**8.92E-03**	6.38E-02	1.13E-04	**1.28E-02**
558517.664160568.94	558518	4160569	WRKR_528	3.63E-02	5.16E-05	**7.27E-03**	2.71E-02	7.99E-05	**5.44E-03**	3.46E-02	7.42E-05	**6.93E-03**	4.96E-02	8.21E-05	**9.93E-03**
558517.664160578.94	558518	4160579	WRKR_529	3.89E-02	5.73E-05	**7.79E-03**	2.91E-02	8.88E-05	**5.84E-03**	3.71E-02	8.25E-05	**7.43E-03**	5.32E-02	9.12E-05	**1.06E-02**
558517.664160588.94	558518	4160589	WRKR_530	4.16E-02	6.54E-05	**8.34E-03**	3.11E-02	1.01E-04	**6.25E-03**	3.97E-02	9.41E-05	**7.95E-03**	5.69E-02	1.04E-04	**1.14E-02**
558517.664160598.94	558518	4160599	WRKR_531	4.44E-02	7.76E-05	**8.89E-03**	3.32E-02	1.20E-04	**6.67E-03**	4.23E-02	1.12E-04	**8.48E-03**	6.07E-02	1.23E-04	**1.22E-02**
558527.664160568.94	558528	4160569	WRKR_532	3.50E-02	5.73E-05	**7.01E-03**	2.62E-02	8.87E-05	**5.25E-03**	3.33E-02	8.24E-05	**6.68E-03**	4.78E-02	9.12E-05	**9.58E-03**
558527.664160578.94	558528	4160579	WRKR_533	3.74E-02	6.38E-05	**7.48E-03**	2.80E-02	9.87E-05	**5.61E-03**	3.56E-02	9.17E-05	**7.14E-03**	5.11E-02	1.01E-04	**1.02E-02**
558527.664160588.94	558528	4160589	WRKR_534	3.97E-02	7.27E-05	**7.96E-03**	2.97E-02	1.13E-04	**5.97E-03**	3.79E-02	1.05E-04	**7.59E-03**	5.43E-02	1.16E-04	**1.09E-02**
558527.664160598.94	558528	4160599	WRKR_535	4.21E-02	6.74E-05	**8.43E-03**	3.15E-02	1.04E-04	**6.32E-03**	4.01E-02	9.68E-05	**8.04E-03**	5.75E-02	1.07E-04	**1.15E-02**
558537.664160568.94	558538	4160569	WRKR_536	3.37E-02	6.54E-05	**6.76E-03**	2.52E-02	1.01E-04	**5.07E-03**	3.21E-02	9.40E-05	**6.44E-03**	4.61E-02	1.04E-04	**9.24E-03**
558537.664160578.94	558538	4160579	WRKR_537	3.58E-02	7.27E-05	**7.18E-03**	2.68E-02	1.13E-04	**5.38E-03**	3.41E-02	1.05E-04	**6.85E-03**	4.90E-02	1.16E-04	**9.82E-03**
558537.664160588.94	558538	4160589	WRKR_538	3.79E-02	6.13E-05	**7.59E-03**	2.84E-02	9.49E-05	**5.69E-03**	3.61E-02	8.81E-05	**7.24E-03**	5.18E-02	9.75E-05	**1.04E-02**
558537.664160598.94	558538	4160599	WRKR_539	3.99E-02	6.84E-05	**7.99E-03**	2.98E-02	1.06E-04	**5.99E-03**	3.80E-02	9.83E-05	**7.62E-03**	5.45E-02	1.09E-04	**1.09E-02**
558547.664160568.94	558548	4160569	WRKR_540	3.25E-02	7.68E-05	**6.51E-03**	2.43E-02	1.19E-04	**4.88E-03**	3.09E-02	1.10E-04	**6.21E-03**	4.44E-02	1.22E-04	**8.90E-03**
558547.664160578.94	558548	4160579	WRKR_541	3.43E-02	6.06E-05	**6.88E-03**	2.57E-02	9.38E-05	**5.16E-03**	3.27E-02	8.71E-05	**6.56E-03**	4.69E-02	9.64E-05	**9.41E-03**
558547.664160588.94	558548	4160589	WRKR_542	3.61E-02	4.55E-05	**7.23E-03**	2.70E-02	7.04E-05	**5.42E-03**	3.44E-02	6.54E-05	**6.89E-03**	4.93E-02	7.24E-05	**9.88E-03**
558557.664160568.94	558558	4160569	WRKR_543	3.13E-02	4.31E-05	**6.27E-03**	2.34E-02	6.68E-05	**4.70E-03**	2.98E-02	6.20E-05	**5.97E-03**	4.28E-02	6.86E-05	**8.57E-03**
558600.644160569.24	558601	4160569	WRKR_544	2.64E-02	5.57E-05	**5.30E-03**	1.98E-02	8.62E-05	**3.97E-03**	2.52E-02	8.00E-05	**5.05E-03**	3.61E-02	8.86E-05	**7.24E-03**
558600.644160579.24	558601	4160579	WRKR_545	2.73E-02	5.69E-05	**5.46E-03**	2.04E-02	8.80E-05	**4.10E-03**	2.60E-02	8.17E-05	**5.21E-03**	3.73E-02	9.05E-05	**7.47E-03**
558600.644160589.24	558601	4160589	WRKR_546	2.80E-02	6.83E-05	**5.62E-03**	2.10E-02	1.06E-04	**4.21E-03**	2.67E-02	9.83E-05	**5.36E-03**	3.83E-02	1.09E-04	**7.68E-03**
558600.644160599.24	558601	4160599	WRKR_547	2.86E-02	6.20E-05	**5.74E-03**	2.14E-02	9.59E-05	**4.31E-03**	2.73E-02	8.91E-05	**5.48E-03**	3.92E-02	9.86E-05	**7.85E-03**
558610.644160569.24	558611	4160569	WRKR_548	2.53E-02	6.70E-05	**5.07E-03**	1.89E-02	1.04E-04	**3.80E-03**	2.41E-02	9.64E-05	**4.83E-03**	3.45E-02	1.07E-04	**6.93E-03**
558610.644160579.24	558611	4160579	WRKR_549	2.60E-02	6.19E-05	**5.21E-03**	1.94E-02	9.59E-05	**3.91E-03**	2.48E-02	8.91E-05	**4.97E-03**	3.55E-02	9.85E-05	**7.12E-03**
558610.644160589.24	558611	4160589	WRKR_550	2.66E-02	5.70E-05	**5.33E-03**	1.99E-02	8.83E-05	**4.00E-03**	2.54E-02	8.20E-05	**5.09E-03**	3.64E-02	9.07E-05	**7.29E-03**
558610.644160599.24	558611	4160599	WRKR_551	2.71E-02	5.18E-05	**5.43E-03**	2.03E-02	8.01E-05	**4.07E-03**	2.58E-02	7.44E-05	**5.18E-03**	3.71E-02	8.23E-05	**7.43E-03**
558620.644160569.24	558621	4160569	WRKR_552	2.42E-02	5.71E-05	**4.85E-03**	1.81E-02	8.84E-05	**3.64E-03**	2.30E-02	8.21E-05	**4.62E-03**	3.30E-02	9.08E-05	**6.63E-03**
558620.644160579.24	558621	4160579	WRKR_553	2.48E-02	5.27E-05	**4.96E-03**	1.85E-02	8.17E-05	**3.72E-03**	2.36E-02	7.58E-05	**4.74E-03**	3.39E-02	8.39E-05	**6.79E-03**
558620.644160589.24	558621	4160589	WRKR_554	2.53E-02	4.88E-05	**5.07E-03**	1.89E-02	7.55E-05	**3.80E-03**	2.41E-02	7.01E-05	**4.84E-03**	3.46E-02	7.76E-05	**6.93E-03**
558620.644160599.24	558621	4160599	WRKR_555	2.57E-02	4.44E-05	**5.15E-03**	1.92E-02	6.88E-05	**3.86E-03**	2.45E-02	6.39E-05	**4.91E-03**	3.52E-02	7.07E-05	**7.04E-03**
558630.644160569.24	558631	4160569	WRKR_556	2.31E-02	4.92E-05	**4.63E-03**	1.73E-02	7.61E-05	**3.47E-03**	2.20E-02	7.07E-05	**4.42E-03**	3.16E-02	7.82E-05	**6.33E-03**
558630.644160579.24	558631	4160579	WRKR_557	2.36E-02	4.58E-05	**4.74E-03**	1.77E-02	7.08E-05	**3.55E-03**	2.25E-02	6.58E-05	**4.52E-03**	3.23E-02	7.28E-05	**6.47E-03**
558630.644160589.24	558631	4160589	WRKR_558	2.40E-02	4.21E-05	**4.82E-03**	1.80E-02	6.52E-05	**3.61E-03**	2.29E-02	6.06E-05	**4.60E-03**	3.29E-02	6.70E-05	**6.59E-03**
558630.644160599.24	558631	4160599	WRKR_559	2.44E-02	3.83E-05	**4.88E-03**	1.82E-02	5.93E-05	**3.66E-03**	2.32E-02	5.51E-05	**4.65E-03**	3.33E-02	6.10E-05	**6.67E-03**
558640.644160569.24	558641	4160569	WRKR_560	2.21E-02	4.29E-05	**4.43E-03**	1.65E-02	6.64E-05	**3.32E-03**	2.10E-02	6.16E-05	**4.22E-03**	3.02E-02	6.82E-05	**6.05E-03**
558640.644160579.24	558641	4160579	WRKR_561	2.25E-02	3.99E-05	**4.51E-03**	1.69E-02	6.18E-05	**3.38E-03**	2.15E-02	5.74E-05	**4.30E-03**	3.08E-02	6.35E-05	**6.17E-03**
558640.644160589.24	558641	4160589	WRKR_562	2.28E-02	3.66E-05	**4.58E-03**	1.71E-02	5.67E-05	**3.43E-03**	2.18E-02	5.27E-05	**4.36E-03**	3.12E-02	5.83E-05	**6.26E-03**
558640.644160599.24	558641	4160599	WRKR_563	2.31E-02	3.34E-05	**4.62E-03**	1.73E-02	5.17E-05	**3.46E-03**	2.20E-02	4.80E-05	**4.41E-03**	3.15E-02	5.31E-05	**6.32E-03**
558650.644160569.24	558651	4160569	WRKR_564	2.11E-02	3.77E-05	**4.23E-03**	1.58E-02	5.84E-05	**3.17E-03**	2.01E-02	5.42E-05	**4.03E-03**	2.88E-02	6.00E-05	**5.78E-03**
558650.644160579.24	558651	4160579	WRKR_565	2.14E-02	3.51E-05	**4.30E-03**	1.61E-02	5.44E-05	**3.22E-03**	2.04E-02	5.05E-05	**4.10E-03**	2.93E-02	5.59E-05	**5.87E-03**
558650.644160589.24	558651	4160589	WRKR_566	2.17E-02	3.23E-05	**4.35E-03**	1.62E-02	5.00E-05	**3.26E-03**	2.07E-02	4.65E-05	**4.15E-03**	2.97E-02	5.14E-05	**5.94E-03**
558650.644160599.24	558651	4160599	WRKR_567	2.19E-02	2.96E-05	**4.38E-03**	1.64E-02	4.59E-05	**3.29E-03**	2.09E-02	4.26E-05	**4.18E-03**	2.99E-02	4.72E-05	**5.99E-03**
558660.644160569.24	558661	4160569	WRKR_568	2.02E-02	3.39E-05	**4.04E-03**	1.51E-02	5.24E-05	**3.03E-03**	1.92E-02	4.87E-05	**3.85E-03**	2.76E-02	5.39E-05	**5.52E-03**
558660.644160579.24	558661	4160579	WRKR_569	2.05E-02	3.15E-05	**4.10E-03**	1.53E-02	4.88E-05	**3.07E-03**	1.95E-02	4.53E-05	**3.91E-03**	2.80E-02	5.02E-05	**5.60E-03**
558660.644160589.24	558661	4160589	WRKR_570	2.07E-02	2.90E-05	**4.14E-03**	1.55E-02	4.50E-05	**3.10E-03**	1.97E-02	4.18E-05	**3.95E-03**	2.82E-02	4.62E-05	**5.66E-03**
558660.644160599.24	558661	4160599	WRKR_571	2.08E-02	2.68E-05	**4.17E-03**	1.56E-02	4.15E-05	**3.12E-03**	1.98E-02	3.85E-05	**3.97E-03**	2.84E-02	4.26E-05	**5.70E-03**
558670.644160569.24	558671	4160569	WRKR_572	1.93E-02	3.06E-05	**3.86E-03**	1.44E-02	4.74E-05	**2.90E-03**	1.84E-02	4.40E-05	**3.68E-03**	2.64E-02	4.87E-05	**5.28E-03**
558670.644160579.24	558671	4160579	WRKR_573	1.95E-02	2.84E-05	**3.91E-03**	1.46E-02	4.40E-05	**2.93E-03**	1.86E-02	4.09E-05	**3.73E-03**	2.67E-02	4.53E-05	**5.34E-03**

				AG	AH		AG	AH		AG	AH				
Chronic Hazard Index				**Year 1**			**Year 2**			**Year 3**			**Year 4**		
DPM REL (µg/m³)	**5.0**			**Project Concentrations (µg/m³)**			**(µg/m³)**			**(µg/m³)**			**(µg/m³)**		
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**
558670.644160589.24	558671	4160589	WRKR_574	1.97E-02	2.63E-05	**3.94E-03**	1.47E-02	4.07E-05	**2.95E-03**	1.87E-02	3.78E-05	**3.76E-03**	2.69E-02	4.18E-05	**5.39E-03**
558495.44160499.48	558495	4160499	WRKR_575	2.19E-02	2.52E-05	**4.38E-03**	1.64E-02	3.90E-05	**3.28E-03**	2.08E-02	3.62E-05	**4.18E-03**	2.99E-02	4.01E-05	**5.99E-03**
558495.44160509.48	558495	4160509	WRKR_576	2.39E-02	2.66E-05	**4.78E-03**	1.78E-02	4.13E-05	**3.58E-03**	2.27E-02	3.83E-05	**4.55E-03**	3.26E-02	4.24E-05	**6.53E-03**
558495.44160519.48	558495	4160519	WRKR_577	2.60E-02	2.83E-05	**5.20E-03**	1.94E-02	4.38E-05	**3.90E-03**	2.48E-02	4.07E-05	**4.96E-03**	3.55E-02	4.51E-05	**7.11E-03**
558495.44160529.48	558495	4160529	WRKR_578	2.83E-02	3.02E-05	**5.67E-03**	2.12E-02	4.68E-05	**4.25E-03**	2.70E-02	4.35E-05	**5.41E-03**	3.87E-02	4.81E-05	**7.75E-03**
558505.44160499.48	558505	4160499	WRKR_579	2.16E-02	2.79E-05	**4.33E-03**	1.62E-02	4.32E-05	**3.24E-03**	2.06E-02	4.01E-05	**4.13E-03**	2.95E-02	4.44E-05	**5.91E-03**
558505.44160509.48	558505	4160509	WRKR_580	2.35E-02	2.95E-05	**4.71E-03**	1.76E-02	4.56E-05	**3.53E-03**	2.24E-02	4.24E-05	**4.49E-03**	3.21E-02	4.69E-05	**6.44E-03**
558505.44160519.48	558505	4160519	WRKR_581	2.56E-02	3.13E-05	**5.12E-03**	1.91E-02	4.84E-05	**3.83E-03**	2.43E-02	4.50E-05	**4.88E-03**	3.49E-02	4.97E-05	**7.00E-03**
558505.44160529.48	558505	4160529	WRKR_582	2.78E-02	3.33E-05	**5.56E-03**	2.08E-02	5.15E-05	**4.17E-03**	2.65E-02	4.78E-05	**5.30E-03**	3.80E-02	5.29E-05	**7.60E-03**
558515.44160499.48	558515	4160499	WRKR_583	2.13E-02	3.14E-05	**4.27E-03**	1.60E-02	4.86E-05	**3.20E-03**	2.03E-02	4.51E-05	**4.07E-03**	2.92E-02	4.99E-05	**5.84E-03**
558515.44160509.48	558515	4160509	WRKR_584	2.32E-02	3.31E-05	**4.64E-03**	1.73E-02	5.12E-05	**3.48E-03**	2.21E-02	4.76E-05	**4.42E-03**	3.16E-02	5.27E-05	**6.34E-03**
558515.44160519.48	558515	4160519	WRKR_585	2.51E-02	3.50E-05	**5.03E-03**	1.88E-02	5.41E-05	**3.77E-03**	2.39E-02	5.03E-05	**4.80E-03**	3.43E-02	5.56E-05	**6.88E-03**
558515.44160529.48	558515	4160529	WRKR_586	2.72E-02	3.70E-05	**5.45E-03**	2.04E-02	5.73E-05	**4.09E-03**	2.59E-02	5.33E-05	**5.20E-03**	3.72E-02	5.89E-05	**7.46E-03**
558525.44160499.48	558525	4160499	WRKR_587	2.11E-02	3.57E-05	**4.22E-03**	1.58E-02	5.52E-05	**3.17E-03**	2.01E-02	5.13E-05	**4.03E-03**	2.88E-02	5.68E-05	**5.77E-03**
558525.44160509.48	558525	4160509	WRKR_588	2.28E-02	3.77E-05	**4.57E-03**	1.71E-02	5.83E-05	**3.43E-03**	2.18E-02	5.42E-05	**4.36E-03**	3.12E-02	6.00E-05	**6.25E-03**
558525.44160519.48	558525	4160519	WRKR_589	2.47E-02	3.98E-05	**4.95E-03**	1.85E-02	6.16E-05	**3.71E-03**	2.35E-02	5.72E-05	**4.72E-03**	3.38E-02	6.33E-05	**6.77E-03**
558525.44160529.48	558525	4160529	WRKR_590	2.67E-02	4.21E-05	**5.35E-03**	2.00E-02	6.51E-05	**4.01E-03**	2.54E-02	6.05E-05	**5.10E-03**	3.65E-02	6.69E-05	**7.31E-03**
558535.44160499.48	558535	4160499	WRKR_591	2.08E-02	4.14E-05	**4.17E-03**	1.56E-02	6.41E-05	**3.13E-03**	1.98E-02	5.95E-05	**3.98E-03**	2.84E-02	6.59E-05	**5.70E-03**
558535.44160509.48	558535	4160509	WRKR_592	2.25E-02	4.37E-05	**4.51E-03**	1.68E-02	6.77E-05	**3.38E-03**	2.14E-02	6.28E-05	**4.30E-03**	3.07E-02	6.95E-05	**6.16E-03**
558535.44160519.48	558535	4160519	WRKR_593	2.43E-02	4.61E-05	**4.86E-03**	1.82E-02	7.14E-05	**3.65E-03**	2.31E-02	6.63E-05	**4.64E-03**	3.32E-02	7.34E-05	**6.65E-03**
558535.44160529.48	558535	4160529	WRKR_594	2.62E-02	4.86E-05	**5.25E-03**	1.96E-02	7.53E-05	**3.93E-03**	2.50E-02	6.99E-05	**5.00E-03**	3.58E-02	7.74E-05	**7.17E-03**
558545.44160499.48	558545	4160499	WRKR_595	2.05E-02	4.87E-05	**4.12E-03**	1.54E-02	7.55E-05	**3.09E-03**	1.96E-02	7.01E-05	**3.93E-03**	2.81E-02	7.76E-05	**5.63E-03**
558545.44160509.48	558545	4160509	WRKR_596	2.21E-02	5.16E-05	**4.44E-03**	1.66E-02	8.00E-05	**3.33E-03**	2.11E-02	7.43E-05	**4.23E-03**	3.03E-02	8.22E-05	**6.07E-03**
558545.44160519.48	558545	4160519	WRKR_597	2.38E-02	5.45E-05	**4.78E-03**	1.78E-02	8.44E-05	**3.58E-03**	2.27E-02	7.84E-05	**4.56E-03**	3.26E-02	8.68E-05	**6.53E-03**
558545.44160529.48	558545	4160529	WRKR_598	2.56E-02	5.75E-05	**5.14E-03**	1.92E-02	8.89E-05	**3.86E-03**	2.44E-02	8.26E-05	**4.90E-03**	3.51E-02	9.14E-05	**7.03E-03**
558555.44160499.48	558555	4160499	WRKR_599	2.03E-02	5.89E-05	**4.06E-03**	1.52E-02	9.11E-05	**3.05E-03**	1.93E-02	8.46E-05	**3.88E-03**	2.77E-02	9.37E-05	**5.55E-03**
558555.44160509.48	558555	4160509	WRKR_600	2.18E-02	6.24E-05	**4.37E-03**	1.63E-02	9.66E-05	**3.28E-03**	2.08E-02	8.97E-05	**4.17E-03**	2.98E-02	9.93E-05	**5.97E-03**
558555.44160519.48	558555	4160519	WRKR_601	2.34E-02	6.58E-05	**4.69E-03**	1.75E-02	1.02E-04	**3.52E-03**	2.23E-02	9.47E-05	**4.48E-03**	3.20E-02	1.05E-04	**6.42E-03**
558555.44160529.48	558555	4160529	WRKR_602	2.51E-02	6.96E-05	**5.03E-03**	1.88E-02	1.08E-04	**3.77E-03**	2.39E-02	1.00E-04	**4.80E-03**	3.43E-02	1.11E-04	**6.88E-03**
558565.44160499.48	558565	4160499	WRKR_603	2.00E-02	5.10E-05	**4.00E-03**	1.49E-02	7.90E-05	**3.00E-03**	1.90E-02	7.34E-05	**3.82E-03**	2.73E-02	8.12E-05	**5.47E-03**
558565.44160509.48	558565	4160509	WRKR_604	2.14E-02	5.62E-05	**4.29E-03**	1.60E-02	8.70E-05	**3.22E-03**	2.04E-02	8.08E-05	**4.10E-03**	2.93E-02	8.94E-05	**5.87E-03**
558565.44160519.48	558565	4160519	WRKR_605	2.29E-02	4.01E-05	**4.59E-03**	1.71E-02	6.21E-05	**3.44E-03**	2.18E-02	5.77E-05	**4.38E-03**	3.13E-02	6.38E-05	**6.28E-03**
558565.44160529.48	558565	4160529	WRKR_606	2.45E-02	5.81E-05	**4.91E-03**	1.83E-02	8.99E-05	**3.68E-03**	2.33E-02	8.35E-05	**4.68E-03**	3.34E-02	9.24E-05	**6.71E-03**
558618.984160498.88	558619	4160499	WRKR_607	1.80E-02	4.27E-05	**3.61E-03**	1.35E-02	6.61E-05	**2.71E-03**	1.72E-02	6.14E-05	**3.45E-03**	2.46E-02	6.79E-05	**4.94E-03**
558618.984160508.88	558619	4160509	WRKR_608	1.90E-02	5.63E-05	**3.82E-03**	1.42E-02	8.72E-05	**2.86E-03**	1.81E-02	8.10E-05	**3.64E-03**	2.60E-02	8.96E-05	**5.22E-03**
558618.984160518.88	558619	4160519	WRKR_609	2.00E-02	5.65E-05	**4.01E-03**	1.50E-02	8.74E-05	**3.01E-03**	1.91E-02	8.12E-05	**3.83E-03**	2.74E-02	8.99E-05	**5.49E-03**
558618.984160528.88	558619	4160529	WRKR_610	2.10E-02	7.16E-05	**4.21E-03**	1.57E-02	1.11E-04	**3.16E-03**	2.00E-02	1.03E-04	**4.02E-03**	2.87E-02	1.14E-04	**5.76E-03**
558628.984160498.88	558629	4160499	WRKR_611	1.76E-02	7.32E-05	**3.54E-03**	1.32E-02	1.13E-04	**2.66E-03**	1.68E-02	1.05E-04	**3.38E-03**	2.41E-02	1.17E-04	**4.84E-03**
558628.984160508.88	558629	4160509	WRKR_612	1.86E-02	6.81E-05	**3.72E-03**	1.39E-02	1.05E-04	**2.80E-03**	1.77E-02	9.79E-05	**3.56E-03**	2.54E-02	1.08E-04	**5.09E-03**
558628.984160518.88	558629	4160519	WRKR_613	1.95E-02	6.42E-05	**3.91E-03**	1.46E-02	9.94E-05	**2.93E-03**	1.85E-02	9.23E-05	**3.73E-03**	2.66E-02	1.02E-04	**5.34E-03**
558628.984160528.88	558629	4160529	WRKR_614	2.03E-02	6.13E-05	**4.08E-03**	1.52E-02	9.49E-05	**3.06E-03**	1.94E-02	8.81E-05	**3.89E-03**	2.78E-02	9.75E-05	**5.58E-03**
558638.984160498.88	558639	4160499	WRKR_615	1.72E-02	6.40E-05	**3.46E-03**	1.29E-02	9.90E-05	**2.60E-03**	1.64E-02	9.20E-05	**3.30E-03**	2.36E-02	1.02E-04	**4.73E-03**
558638.984160508.88	558639	4160509	WRKR_616	1.81E-02	5.97E-05	**3.63E-03**	1.35E-02	9.24E-05	**2.72E-03**	1.72E-02	8.58E-05	**3.46E-03**	2.47E-02	9.49E-05	**4.96E-03**
558638.984160518.88	558639	4160519	WRKR_617	1.89E-02	5.64E-05	**3.79E-03**	1.41E-02	8.73E-05	**2.85E-03**	1.80E-02	8.11E-05	**3.62E-03**	2.58E-02	8.98E-05	**5.19E-03**
558638.984160528.88	558639	4160529	WRKR_618	1.97E-02	5.38E-05	**3.95E-03**	1.47E-02	8.33E-05	**2.96E-03**	1.88E-02	7.74E-05	**3.77E-03**	2.69E-02	8.56E-05	**5.40E-03**
558648.984160498.88	558649	4160499	WRKR_619	1.68E-02	5.72E-05	**3.38E-03**	1.26E-02	8.86E-05	**2.54E-03**	1.60E-02	8.23E-05	**3.22E-03**	2.30E-02	9.11E-05	**4.62E-03**
558648.984160508.88	558649	4160509	WRKR_620	1.76E-02	5.33E-05	**3.53E-03**	1.32E-02	8.26E-05	**2.65E-03**	1.68E-02	7.67E-05	**3.37E-03**	2.41E-02	8.49E-05	**4.83E-03**
558648.984160518.88	558649	4160519	WRKR_621	1.83E-02	5.04E-05	**3.68E-03**	1.37E-02	7.80E-05	**2.76E-03**	1.75E-02	7.24E-05	**3.51E-03**	2.51E-02	8.02E-05	**5.03E-03**
558648.984160528.88	558649	4160529	WRKR_622	1.91E-02	4.80E-05	**3.82E-03**	1.43E-02	7.42E-05	**2.87E-03**	1.82E-02	6.90E-05	**3.64E-03**	2.60E-02	7.63E-05	**5.22E-03**
558658.984160498.88	558659	4160499	WRKR_623	1.64E-02	5.23E-05	**3.29E-03**	1.23E-02	8.10E-05	**2.47E-03**	1.56E-02	7.52E-05	**3.14E-03**	2.24E-02	8.32E-05	**4.50E-03**
558658.984160508.88	558659	4160509	WRKR_624	1.71E-02	4.86E-05	**3.43E-03**	1.28E-02	7.53E-05	**2.58E-03**	1.63E-02	6.99E-05	**3.27E-03**	2.34E-02	7.74E-05	**4.69E-03**
558658.984160518.88	558659	4160519	WRKR_625	1.78E-02	4.57E-05	**3.57E-03**	1.33E-02	7.07E-05	**2.68E-03**	1.69E-02	6.56E-05	**3.40E-03**	2.43E-02	7.26E-05	**4.88E-03**
558658.984160528.88	558659	4160529	WRKR_626	1.84E-02	4.33E-05	**3.69E-03**	1.38E-02	6.70E-05	**2.77E-03**	1.76E-02	6.23E-05	**3.52E-03**	2.52E-02	6.89E-05	**5.05E-03**
558668.984160498.88	558669	4160499	WRKR_627	1.60E-02	4.81E-05	**3.21E-03**	1.20E-02	7.44E-05	**2.41E-03**	1.52E-02	6.91E-05	**3.06E-03**	2.19E-02	7.65E-05	**4.39E-03**
558668.984160508.88	558669	4160509	WRKR_628	1.66E-02	4.46E-05	**3.33E-03**	1.24E-02	6.90E-05	**2.50E-03**	1.58E-02	6.41E-05	**3.18E-03**	2.27E-02	7.09E-05	**4.56E-03**
558668.984160518.88	558669	4160519	WRKR_629	1.72E-02	4.17E-05	**3.46E-03**	1.29E-02	6.46E-05	**2.59E-03**	1.64E-02	6.00E-05	**3.30E-03**	2.36E-02	6.64E-05	**4.72E-03**
558668.984160528.88	558669	4160529	WRKR_630	1.78E-02	3.95E-05	**3.57E-03**	1.33E-02	6.11E-05	**2.68E-03**	1.70E-02	5.67E-05	**3.40E-03**	2.43E-02	6.28E-05	**4.88E-03**
558678.984160498.88	558679	4160499	WRKR_631	1.56E-02	4.47E-05	**3.12E-03**	1.17E-02	6.92E-05	**2.34E-03**	1.48E-02	6.43E-05	**2.98E-03**	2.13E-02	7.11E-05	**4.27E-03**
558678.984160508.88	558679	4160509	WRKR_632	1.61E-02	4.12E-05	**3.24E-03**	1.21E-02	6.39E-05	**2.43E-03**	1.54E-02	5.93E-05	**3.09E-03**	2.21E-02	6.56E-05	**4.43E-03**
558678.984160518.88	558679	4160519	WRKR_633	1.67E-02	3.85E-05	**3.35E-03**	1.25E-02	5.96E-05	**2.51E-03**	1.59E-02	5.54E-05	**3.19E-03**	2.28E-02	6.13E-05	**4.57E-03**
558678.984160528.88	558679	4160529	WRKR_634	1.72E-02	3.63E-05	**3.44E-03**	1.29E-02	5.61E-05	**2.58E-03**	1.64E-02	5.21E-05	**3.29E-03**	2.35E-02	5.77E-05	**4.71E-03**
558688.984160498.88	558689	4160499	WRKR_635	1.51E-02	4.17E-05	**3.04E-03**	1.13E-02	6.46E-05	**2.28E-03**	1.44E-02	6.00E-05	**2.90E-03**	2.07E-02	6.64E-05	**4.15E-03**
558688.984160508.88	558689	4160509	WRKR_636	1.57E-02	3.84E-05	**3.14E-03**	1.17E-02	5.95E-05	**2.36E-03**	1.49E-02	5.52E-05	**3.00E-03**	2.14E-02	6.11E-05	**4.29E-03**
558688.984160518.88	558689	4160519	WRKR_637	1.61E-02	3.58E-05	**3.24E-03**	1.21E-02	5.54E-05	**2.43E-03**	1.54E-02	5.15E-05	**3.09E-03**	2.21E-02	5.70E-05	**4.43E-03**
558444.414160372.35	558444	4160372	WRKR_638	7.63E-03	9.98E-06	**1.53E-03**	5.71E-03	1.54E-05	**1.14E-03**	7.27E-03	1.43E-05	**1.46E-03**	1.04E-02	1.59E-05	**2.09E-03**
558454.414160382.35	558454	4160382	WRKR_639	8.02E-03	1.07E-05	**1.61E-03**	6.00E-03	1.65E-05	**1.20E-03**	7.64E-03	1.54E-05	**1.53E-03**	1.10E-02	1.70E-05	**2.20E-03**
558454.414160392.35	558454	4160392	WRKR_640	8.65E-03	1.11E-05	**1.73E-03**	6.48E-03	1.72E-05	**1.30E-03**	8.25E-03	1.60E-05	**1.65E-03**	1.18E-02	1.77E-05	**2.37E-03**
558454.414160402.35	558454	4160402	WRKR_641	9.37E-03	1.15E-05	**1.88E-03**	7.01E-03	1.79E-05	**1.41E-03**	8.92E-03	1.66E-05	**1.79E-03**	1.28E-02	1.84E-05	**2.56E-03**
558464.414160382.35	558464	4160382	WRKR_642	7.98E-03	1.13E-05	**1.60E-03**	5.97E-03	1.75E-05	**1.20E-03**	7.60E-03	1.62E-05	**1.52E-03**	1.09E-02	1.80E-05	**2.19E-03**
558464.414160392.35	558464	4160392	WRKR_643	8.62E-03	1.17E-05	**1.73E-03**	6.45E-03	1.82E-05	**1.29E-03**	8.21E-03	1.69E-05	**1.65E-03**	1.18E-02	1.87E-05	**2.36E-03**
558464.414160402.35	558464	4160402	WRKR_644	9.34E-03	1.22E-05	**1.87E-03**	6.99E-03	1.89E-05	**1.40E-03**	8.90E-03	1.76E-05	**1.78E-03**	1.28E-02	1.95E-05	**2.56E-03**
558474.414160382.35	558474	4160382	WRKR_645	7.96E-03	1.20E-05	**1.59E-03**	5.95E-03	1.85E-05	**1.19E-03**	7.58E-03	1.72E-05	**1.52E-03**	1.09E-02	1.90E-05	**2.18E-03**
558474.414160392.35	558474	4160392	WRKR_646	8.59E-03	1.24E-05	**1.72E-03**	6.42E-03	1.92E-05	**1.29E-03**	8.18E-03	1.79E-05	**1.64E-03**	1.17E-02	1.98E-05	**2.35E-03**

				AG	AH		AG	AH		AG	AH		AG	AH	
Chronic Hazard Index				**Year 1**			**Year 2**			**Year 3**			**Year 4**		
DPM REL (µg/m³)	**5.0**			**Project Concentrations (µg/m³)**			**(µg/m³)**			**(µg/m³)**			**(µg/m³)**		
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**
558474.414160402.35	558474	4160402	WRKR_647	9.30E-03	1.29E-05	**1.86E-03**	6.96E-03	2.00E-05	**1.40E-03**	8.86E-03	1.86E-05	**1.78E-03**	1.27E-02	2.06E-05	**2.55E-03**
558484.414160382.35	558484	4160382	WRKR_648	7.94E-03	1.27E-05	**1.59E-03**	5.94E-03	1.96E-05	**1.19E-03**	7.56E-03	1.82E-05	**1.52E-03**	1.08E-02	2.02E-05	**2.17E-03**
558484.414160392.35	558484	4160392	WRKR_649	8.54E-03	1.31E-05	**1.71E-03**	6.39E-03	2.03E-05	**1.28E-03**	8.14E-03	1.89E-05	**1.63E-03**	1.17E-02	2.09E-05	**2.34E-03**
558484.414160402.35	558484	4160402	WRKR_650	9.22E-03	1.36E-05	**1.85E-03**	6.90E-03	2.11E-05	**1.38E-03**	8.78E-03	1.96E-05	**1.76E-03**	1.26E-02	2.17E-05	**2.52E-03**
558494.414160382.35	558494	4160382	WRKR_651	7.94E-03	1.35E-05	**1.59E-03**	5.94E-03	2.09E-05	**1.19E-03**	7.57E-03	1.94E-05	**1.52E-03**	1.09E-02	2.15E-05	**2.17E-03**
558494.414160392.35	558494	4160392	WRKR_652	8.54E-03	1.40E-05	**1.71E-03**	6.39E-03	2.17E-05	**1.28E-03**	8.14E-03	2.01E-05	**1.63E-03**	1.17E-02	2.23E-05	**2.34E-03**
558494.414160402.35	558494	4160402	WRKR_653	9.22E-03	1.46E-05	**1.85E-03**	6.90E-03	2.25E-05	**1.38E-03**	8.78E-03	2.09E-05	**1.76E-03**	1.26E-02	2.32E-05	**2.52E-03**
558504.414160382.35	558504	4160382	WRKR_654	7.95E-03	1.44E-05	**1.59E-03**	5.95E-03	2.23E-05	**1.19E-03**	7.58E-03	2.07E-05	**1.52E-03**	1.09E-02	2.30E-05	**2.18E-03**
558504.414160392.35	558504	4160392	WRKR_655	8.62E-03	1.52E-05	**1.73E-03**	6.45E-03	2.35E-05	**1.29E-03**	8.21E-03	2.18E-05	**1.65E-03**	1.18E-02	2.42E-05	**2.36E-03**
558504.414160402.35	558504	4160402	WRKR_656	9.39E-03	1.61E-05	**1.88E-03**	7.03E-03	2.49E-05	**1.41E-03**	8.95E-03	2.32E-05	**1.79E-03**	1.28E-02	2.56E-05	**2.57E-03**
558514.414160382.35	558514	4160382	WRKR_657	7.99E-03	1.55E-05	**1.60E-03**	5.98E-03	2.40E-05	**1.20E-03**	7.61E-03	2.23E-05	**1.53E-03**	1.09E-02	2.46E-05	**2.19E-03**
558514.414160392.35	558514	4160392	WRKR_658	8.64E-03	1.63E-05	**1.73E-03**	6.47E-03	2.53E-05	**1.30E-03**	8.23E-03	2.35E-05	**1.65E-03**	1.18E-02	2.60E-05	**2.37E-03**
558514.414160402.35	558514	4160402	WRKR_659	9.43E-03	1.75E-05	**1.89E-03**	7.05E-03	2.70E-05	**1.42E-03**	8.98E-03	2.51E-05	**1.80E-03**	1.29E-02	2.78E-05	**2.58E-03**
558524.414160392.35	558524	4160392	WRKR_660	8.68E-03	1.77E-05	**1.74E-03**	6.49E-03	2.74E-05	**1.30E-03**	8.27E-03	2.54E-05	**1.66E-03**	1.19E-02	2.81E-05	**2.38E-03**
558524.414160402.35	558524	4160402	WRKR_661	9.45E-03	1.89E-05	**1.89E-03**	7.07E-03	2.93E-05	**1.42E-03**	9.00E-03	2.72E-05	**1.81E-03**	1.29E-02	3.01E-05	**2.59E-03**
558581.824160392.36	558582	4160392	WRKR_662	8.98E-03	3.03E-05	**1.80E-03**	6.72E-03	4.68E-05	**1.35E-03**	8.56E-03	4.35E-05	**1.72E-03**	1.23E-02	4.81E-05	**2.46E-03**
558581.824160402.36	558582	4160402	WRKR_663	9.67E-03	3.39E-05	**1.94E-03**	7.24E-03	5.25E-05	**1.46E-03**	9.22E-03	4.87E-05	**1.85E-03**	1.32E-02	5.39E-05	**2.65E-03**
558581.824160412.36	558582	4160412	WRKR_664	1.04E-02	3.83E-05	**2.09E-03**	7.80E-03	5.93E-05	**1.57E-03**	9.93E-03	5.51E-05	**2.00E-03**	1.42E-02	6.09E-05	**2.86E-03**
558581.824160422.36	558582	4160422	WRKR_665	1.12E-02	4.36E-05	**2.25E-03**	8.40E-03	6.75E-05	**1.69E-03**	1.07E-02	6.26E-05	**2.15E-03**	1.53E-02	6.93E-05	**3.08E-03**
558591.824160392.36	558592	4160392	WRKR_666	9.01E-03	3.29E-05	**1.81E-03**	6.74E-03	5.09E-05	**1.36E-03**	8.59E-03	4.73E-05	**1.73E-03**	1.23E-02	5.23E-05	**2.47E-03**
558591.824160402.36	558592	4160402	WRKR_667	9.69E-03	3.73E-05	**1.95E-03**	7.25E-03	5.77E-05	**1.46E-03**	9.24E-03	5.36E-05	**1.86E-03**	1.33E-02	5.93E-05	**2.66E-03**
558591.824160412.36	558592	4160412	WRKR_668	1.04E-02	4.27E-05	**2.09E-03**	7.80E-03	6.60E-05	**1.57E-03**	9.94E-03	6.13E-05	**2.00E-03**	1.43E-02	6.79E-05	**2.86E-03**
558591.824160422.36	558592	4160422	WRKR_669	1.12E-02	4.93E-05	**2.25E-03**	8.39E-03	7.64E-05	**1.69E-03**	1.07E-02	7.09E-05	**2.15E-03**	1.53E-02	7.85E-05	**3.08E-03**
558601.824160382.36	558602	4160382	WRKR_670	8.41E-03	3.16E-05	**1.69E-03**	6.29E-03	4.89E-05	**1.27E-03**	8.01E-03	4.54E-05	**1.61E-03**	1.15E-02	5.02E-05	**2.31E-03**
558601.824160392.36	558602	4160392	WRKR_671	9.04E-03	3.57E-05	**1.81E-03**	6.76E-03	5.52E-05	**1.36E-03**	8.61E-03	5.13E-05	**1.73E-03**	1.24E-02	5.68E-05	**2.48E-03**
558601.824160402.36	558602	4160402	WRKR_672	9.71E-03	4.08E-05	**1.95E-03**	7.27E-03	6.32E-05	**1.47E-03**	9.25E-03	5.87E-05	**1.86E-03**	1.33E-02	6.50E-05	**2.67E-03**
558601.824160412.36	558602	4160412	WRKR_673	1.04E-02	4.73E-05	**2.10E-03**	7.80E-03	7.32E-05	**1.58E-03**	9.94E-03	6.80E-05	**2.00E-03**	1.43E-02	7.53E-05	**2.87E-03**
558601.824160422.36	558602	4160422	WRKR_674	1.12E-02	5.55E-05	**2.25E-03**	8.38E-03	8.59E-05	**1.69E-03**	1.07E-02	7.98E-05	**2.15E-03**	1.53E-02	8.83E-05	**3.08E-03**
558611.824160382.36	558612	4160382	WRKR_675	8.44E-03	3.35E-05	**1.70E-03**	6.32E-03	5.19E-05	**1.27E-03**	8.05E-03	4.82E-05	**1.62E-03**	1.15E-02	5.33E-05	**2.32E-03**
558611.824160392.36	558612	4160392	WRKR_676	9.06E-03	3.81E-05	**1.82E-03**	6.78E-03	5.90E-05	**1.37E-03**	8.64E-03	5.48E-05	**1.74E-03**	1.24E-02	6.06E-05	**2.49E-03**
558611.824160402.36	558612	4160402	WRKR_677	9.72E-03	4.45E-05	**1.95E-03**	7.28E-03	6.89E-05	**1.47E-03**	9.26E-03	6.40E-05	**1.87E-03**	1.33E-02	7.08E-05	**2.67E-03**
558611.824160412.36	558612	4160412	WRKR_678	1.04E-02	5.22E-05	**2.09E-03**	7.80E-03	8.08E-05	**1.58E-03**	9.93E-03	7.50E-05	**2.00E-03**	1.42E-02	8.30E-05	**2.87E-03**
558611.824160422.36	558612	4160422	WRKR_679	1.12E-02	6.22E-05	**2.25E-03**	8.36E-03	9.63E-05	**1.69E-03**	1.06E-02	8.94E-05	**2.15E-03**	1.53E-02	9.89E-05	**3.07E-03**
558621.824160382.36	558622	4160382	WRKR_680	8.47E-03	3.58E-05	**1.70E-03**	6.34E-03	5.54E-05	**1.28E-03**	8.07E-03	5.15E-05	**1.62E-03**	1.16E-02	5.70E-05	**2.33E-03**
558621.824160392.36	558622	4160392	WRKR_681	9.08E-03	4.10E-05	**1.82E-03**	6.80E-03	6.34E-05	**1.37E-03**	8.65E-03	5.89E-05	**1.74E-03**	1.24E-02	6.52E-05	**2.50E-03**
558621.824160402.36	558622	4160402	WRKR_682	9.73E-03	4.83E-05	**1.96E-03**	7.28E-03	7.47E-05	**1.47E-03**	9.27E-03	6.94E-05	**1.87E-03**	1.33E-02	7.68E-05	**2.67E-03**
558621.824160412.36	558622	4160412	WRKR_683	1.04E-02	5.77E-05	**2.09E-03**	7.79E-03	8.93E-05	**1.58E-03**	9.92E-03	8.29E-05	**2.00E-03**	1.42E-02	9.18E-05	**2.86E-03**
558621.824160422.36	558622	4160422	WRKR_684	1.11E-02	4.77E-05	**2.24E-03**	8.34E-03	7.39E-05	**1.68E-03**	1.06E-02	6.86E-05	**2.14E-03**	1.52E-02	7.59E-05	**3.06E-03**
558631.824160382.36	558632	4160382	WRKR_685	8.49E-03	3.82E-05	**1.71E-03**	6.36E-03	5.91E-05	**1.28E-03**	8.09E-03	5.49E-05	**1.63E-03**	1.16E-02	6.08E-05	**2.33E-03**
558631.824160392.36	558632	4160392	WRKR_686	9.09E-03	4.39E-05	**1.83E-03**	6.80E-03	6.79E-05	**1.37E-03**	8.66E-03	6.31E-05	**1.75E-03**	1.24E-02	6.98E-05	**2.50E-03**
558631.824160402.36	558632	4160402	WRKR_687	9.73E-03	5.22E-05	**1.96E-03**	7.28E-03	8.09E-05	**1.47E-03**	9.27E-03	7.51E-05	**1.87E-03**	1.33E-02	8.31E-05	**2.68E-03**
558641.824160382.36	558642	4160382	WRKR_688	8.51E-03	4.05E-05	**1.71E-03**	6.37E-03	6.27E-05	**1.29E-03**	8.11E-03	5.82E-05	**1.63E-03**	1.16E-02	6.44E-05	**2.34E-03**
558641.824160392.36	558642	4160392	WRKR_689	9.10E-03	4.68E-05	**1.83E-03**	6.81E-03	7.25E-05	**1.38E-03**	8.67E-03	6.73E-05	**1.75E-03**	1.24E-02	7.45E-05	**2.50E-03**
558641.824160402.36	558642	4160402	WRKR_690	9.71E-03	5.65E-05	**1.95E-03**	7.27E-03	8.75E-05	**1.47E-03**	9.26E-03	8.13E-05	**1.87E-03**	1.33E-02	8.99E-05	**2.67E-03**
558651.824160382.36	558652	4160382	WRKR_691	8.52E-03	4.35E-05	**1.71E-03**	6.38E-03	6.74E-05	**1.29E-03**	8.12E-03	6.26E-05	**1.64E-03**	1.16E-02	6.93E-05	**2.34E-03**
558651.824160392.36	558652	4160392	WRKR_692	9.09E-03	5.06E-05	**1.83E-03**	6.80E-03	7.83E-05	**1.38E-03**	8.66E-03	7.27E-05	**1.75E-03**	1.24E-02	8.05E-05	**2.50E-03**
558651.824160402.36	558652	4160402	WRKR_693	9.69E-03	6.14E-05	**1.95E-03**	7.25E-03	9.51E-05	**1.47E-03**	9.24E-03	8.84E-05	**1.86E-03**	1.32E-02	9.78E-05	**2.67E-03**
558661.824160382.36	558662	4160382	WRKR_694	8.52E-03	4.69E-05	**1.71E-03**	6.38E-03	7.27E-05	**1.29E-03**	8.12E-03	6.75E-05	**1.64E-03**	1.17E-02	7.47E-05	**2.34E-03**
558661.824160392.36	558662	4160392	WRKR_695	9.08E-03	5.44E-05	**1.83E-03**	6.80E-03	8.42E-05	**1.38E-03**	8.65E-03	7.82E-05	**1.75E-03**	1.24E-02	8.66E-05	**2.50E-03**
558661.824160402.36	558662	4160402	WRKR_696	9.67E-03	6.66E-05	**1.95E-03**	7.23E-03	1.03E-04	**1.47E-03**	9.21E-03	9.58E-05	**1.86E-03**	1.32E-02	1.06E-04	**2.66E-03**
558671.824160362.36	558672	4160362	WRKR_697	7.51E-03	4.24E-05	**1.51E-03**	5.62E-03	6.57E-05	**1.14E-03**	7.16E-03	6.10E-05	**1.44E-03**	1.03E-02	6.75E-05	**2.07E-03**
558671.824160372.36	558672	4160372	WRKR_698	8.00E-03	4.58E-05	**1.61E-03**	5.99E-03	7.09E-05	**1.21E-03**	7.62E-03	6.59E-05	**1.54E-03**	1.09E-02	7.29E-05	**2.20E-03**
558671.824160382.36	558672	4160382	WRKR_699	8.52E-03	5.09E-05	**1.71E-03**	6.38E-03	7.89E-05	**1.29E-03**	8.12E-03	7.32E-05	**1.64E-03**	1.16E-02	8.11E-05	**2.35E-03**
558671.824160392.36	558672	4160392	WRKR_700	9.07E-03	5.89E-05	**1.82E-03**	6.78E-03	9.12E-05	**1.37E-03**	8.64E-03	8.47E-05	**1.74E-03**	1.24E-02	9.37E-05	**2.50E-03**
558671.824160402.36	558672	4160402	WRKR_701	9.63E-03	7.21E-05	**1.94E-03**	7.21E-03	1.12E-04	**1.46E-03**	9.18E-03	1.04E-04	**1.86E-03**	1.32E-02	1.15E-04	**2.66E-03**
558681.824160362.36	558682	4160362	WRKR_702	7.52E-03	4.74E-05	**1.51E-03**	5.63E-03	7.33E-05	**1.14E-03**	7.17E-03	6.81E-05	**1.45E-03**	1.03E-02	7.53E-05	**2.07E-03**
558681.824160372.36	558682	4160372	WRKR_703	7.98E-03	4.98E-05	**1.61E-03**	5.97E-03	7.72E-05	**1.21E-03**	7.61E-03	7.17E-05	**1.54E-03**	1.09E-02	7.93E-05	**2.20E-03**
558681.824160382.36	558682	4160382	WRKR_704	8.51E-03	5.56E-05	**1.71E-03**	6.37E-03	8.60E-05	**1.29E-03**	8.11E-03	7.99E-05	**1.64E-03**	1.16E-02	8.84E-05	**2.34E-03**
558681.824160392.36	558682	4160392	WRKR_705	9.04E-03	6.40E-05	**1.82E-03**	6.76E-03	9.91E-05	**1.37E-03**	8.61E-03	9.20E-05	**1.74E-03**	1.24E-02	1.02E-04	**2.49E-03**
558681.824160402.36	558682	4160402	WRKR_706	9.59E-03	7.75E-05	**1.93E-03**	7.18E-03	1.20E-04	**1.46E-03**	9.14E-03	1.11E-04	**1.85E-03**	1.31E-02	1.23E-04	**2.65E-03**
558691.824160362.36	558692	4160362	WRKR_707	7.53E-03	5.43E-05	**1.52E-03**	5.64E-03	8.41E-05	**1.14E-03**	7.18E-03	7.81E-05	**1.45E-03**	1.03E-02	8.65E-05	**2.08E-03**
558691.824160372.36	558692	4160372	WRKR_708	8.00E-03	5.75E-05	**1.61E-03**	5.99E-03	8.91E-05	**1.22E-03**	7.62E-03	8.27E-05	**1.54E-03**	1.09E-02	9.16E-05	**2.21E-03**
558691.824160382.36	558692	4160382	WRKR_709	8.49E-03	6.26E-05	**1.71E-03**	6.36E-03	9.69E-05	**1.29E-03**	8.09E-03	9.00E-05	**1.64E-03**	1.16E-02	9.96E-05	**2.34E-03**
558691.824160392.36	558692	4160392	WRKR_710	9.01E-03	7.10E-05	**1.82E-03**	6.74E-03	1.10E-04	**1.37E-03**	8.58E-03	1.02E-04	**1.74E-03**	1.23E-02	1.13E-04	**2.48E-03**
558691.824160402.36	558692	4160402	WRKR_711	9.54E-03	8.51E-05	**1.92E-03**	7.14E-03	1.32E-04	**1.45E-03**	9.09E-03	1.22E-04	**1.84E-03**	1.30E-02	1.35E-04	**2.63E-03**
558701.824160362.36	558702	4160362	WRKR_712	7.53E-03	6.41E-05	**1.52E-03**	5.64E-03	9.93E-05	**1.15E-03**	7.18E-03	9.22E-05	**1.45E-03**	1.03E-02	1.02E-04	**2.08E-03**
558701.824160372.36	558702	4160372	WRKR_713	7.99E-03	6.74E-05	**1.61E-03**	5.98E-03	1.04E-04	**1.22E-03**	7.61E-03	9.68E-05	**1.54E-03**	1.09E-02	1.07E-04	**2.21E-03**
558701.824160382.36	558702	4160382	WRKR_714	8.47E-03	7.24E-05	**1.71E-03**	6.34E-03	1.12E-04	**1.29E-03**	8.07E-03	1.04E-04	**1.63E-03**	1.16E-02	1.15E-04	**2.34E-03**
558701.824160392.36	558702	4160392	WRKR_715	8.96E-03	8.06E-05	**1.81E-03**	6.71E-03	1.25E-04	**1.37E-03**	8.54E-03	1.16E-04	**1.73E-03**	1.23E-02	1.28E-04	**2.48E-03**
558701.824160402.36	558702	4160402	WRKR_716	9.47E-03	9.43E-05	**1.91E-03**	7.09E-03	1.46E-04	**1.45E-03**	9.03E-03	1.36E-04	**1.83E-03**	1.29E-02	1.50E-04	**2.62E-03**
558711.824160362.36	558712	4160362	WRKR_717	7.53E-03	7.81E-05	**1.52E-03**	5.63E-03	1.21E-04	**1.15E-03**	7.17E-03	1.12E-04	**1.46E-03**	1.03E-02	1.24E-04	**2.08E-03**
558711.824160372.36	558712	4160372	WRKR_718	7.97E-03	8.12E-05	**1.61E-03**	5.97E-03	1.26E-04	**1.22E-03**	7.60E-03	1.17E-04	**1.54E-03**	1.09E-02	1.29E-04	**2.21E-03**
558711.824160382.36	558712	4160382	WRKR_719	8.44E-03	6.69E-05	**1.70E-03**	6.31E-03	1.04E-04	**1.28E-03**	8.04E-03	9.62E-05	**1.63E-03**	1.15E-02	1.06E-04	**2.33E-03**

				AG	AH		AG	AH		AG	AH				
Chronic Hazard Index				**Year 1**			**Year 2**			**Year 3**			**Year 4**		
DPM REL (µg/m³)	**5.0**			**Project Concentrations (µg/m³)**			**(µg/m³)**			**(µg/m³)**			**(µg/m³)**		
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**
558711.824160392.36	558712	4160392	WRKR_720	8.91E-03	9.37E-05	**1.80E-03**	6.67E-03	1.45E-04	**1.36E-03**	8.49E-03	1.35E-04	**1.73E-03**	1.22E-02	1.49E-04	**2.47E-03**
558711.824160402.36	558712	4160402	WRKR_721	9.40E-03	6.04E-05	**1.89E-03**	7.04E-03	9.36E-05	**1.43E-03**	8.96E-03	8.69E-05	**1.81E-03**	1.29E-02	9.62E-05	**2.59E-03**
558721.824160362.36	558722	4160362	WRKR_722	7.52E-03	4.64E-05	**1.51E-03**	5.63E-03	7.18E-05	**1.14E-03**	7.16E-03	6.67E-05	**1.45E-03**	1.03E-02	7.38E-05	**2.07E-03**
558721.824160372.36	558722	4160372	WRKR_723	7.95E-03	5.18E-05	**1.60E-03**	5.95E-03	8.03E-05	**1.21E-03**	7.57E-03	7.45E-05	**1.53E-03**	1.09E-02	8.25E-05	**2.19E-03**
558721.824160382.36	558722	4160382	WRKR_724	8.39E-03	7.39E-05	**1.69E-03**	6.28E-03	1.14E-04	**1.28E-03**	8.00E-03	1.06E-04	**1.62E-03**	1.15E-02	1.18E-04	**2.32E-03**
558721.824160392.36	558722	4160392	WRKR_725	8.86E-03	5.77E-05	**1.78E-03**	6.63E-03	8.94E-05	**1.34E-03**	8.44E-03	8.30E-05	**1.70E-03**	1.21E-02	9.19E-05	**2.44E-03**
558721.824160402.36	558722	4160402	WRKR_726	9.32E-03	6.16E-05	**1.88E-03**	6.98E-03	9.53E-05	**1.41E-03**	8.88E-03	8.85E-05	**1.79E-03**	1.27E-02	9.80E-05	**2.57E-03**
558690.094160295.24	558690	4160295	WRKR_727	4.91E-03	4.28E-05	**9.90E-04**	3.67E-03	6.62E-05	**7.48E-04**	4.68E-03	6.15E-05	**9.47E-04**	6.71E-03	6.80E-05	**1.35E-03**
558690.094160305.24	558690	4160305	WRKR_728	5.22E-03	4.33E-05	**1.05E-03**	3.91E-03	6.71E-05	**7.95E-04**	4.97E-03	6.23E-05	**1.01E-03**	7.13E-03	6.89E-05	**1.44E-03**
558690.094160315.24	558690	4160315	WRKR_729	5.56E-03	4.39E-05	**1.12E-03**	4.16E-03	6.80E-05	**8.45E-04**	5.29E-03	6.32E-05	**1.07E-03**	7.59E-03	6.99E-05	**1.53E-03**
558690.094160325.24	558690	4160325	WRKR_730	5.91E-03	4.46E-05	**1.19E-03**	4.43E-03	6.90E-05	**8.99E-04**	5.63E-03	6.41E-05	**1.14E-03**	8.08E-03	7.09E-05	**1.63E-03**
558690.094160335.24	558690	4160335	WRKR_731	6.30E-03	4.55E-05	**1.27E-03**	4.71E-03	7.05E-05	**9.57E-04**	6.00E-03	6.55E-05	**1.21E-03**	8.61E-03	7.24E-05	**1.74E-03**
558700.094160295.24	558700	4160295	WRKR_732	4.94E-03	5.17E-05	**9.98E-04**	3.70E-03	8.00E-05	**7.55E-04**	4.71E-03	7.43E-05	**9.56E-04**	6.75E-03	8.22E-05	**1.37E-03**
558700.094160305.24	558700	4160305	WRKR_733	5.26E-03	5.24E-05	**1.06E-03**	3.93E-03	8.11E-05	**8.03E-04**	5.01E-03	7.54E-05	**1.02E-03**	7.18E-03	8.34E-05	**1.45E-03**
558700.094160315.24	558700	4160315	WRKR_734	5.59E-03	5.29E-05	**1.13E-03**	4.18E-03	8.19E-05	**8.53E-04**	5.33E-03	7.61E-05	**1.08E-03**	7.64E-03	8.42E-05	**1.54E-03**
558700.094160325.24	558700	4160325	WRKR_735	5.94E-03	5.34E-05	**1.20E-03**	4.45E-03	8.27E-05	**9.06E-04**	5.66E-03	7.68E-05	**1.15E-03**	8.12E-03	8.50E-05	**1.64E-03**
558700.094160335.24	558700	4160335	WRKR_736	6.32E-03	5.42E-05	**1.28E-03**	4.73E-03	8.39E-05	**9.63E-04**	6.02E-03	7.80E-05	**1.22E-03**	8.64E-03	8.63E-05	**1.75E-03**
558710.094160295.24	558710	4160295	WRKR_737	4.98E-03	6.49E-05	**1.01E-03**	3.72E-03	1.00E-04	**7.65E-04**	4.74E-03	9.33E-05	**9.67E-04**	6.80E-03	1.03E-04	**1.38E-03**
558710.094160305.24	558710	4160305	WRKR_738	5.29E-03	6.54E-05	**1.07E-03**	3.96E-03	1.01E-04	**8.12E-04**	5.04E-03	9.41E-05	**1.03E-03**	7.23E-03	1.04E-04	**1.47E-03**
558710.094160315.24	558710	4160315	WRKR_739	5.62E-03	6.59E-05	**1.14E-03**	4.21E-03	1.02E-04	**8.62E-04**	5.36E-03	9.48E-05	**1.09E-03**	7.68E-03	1.05E-04	**1.56E-03**
558710.094160325.24	558710	4160325	WRKR_740	5.97E-03	6.65E-05	**1.21E-03**	4.47E-03	1.03E-04	**9.14E-04**	5.69E-03	9.56E-05	**1.16E-03**	8.16E-03	1.06E-04	**1.65E-03**
558710.094160335.24	558710	4160335	WRKR_741	6.34E-03	6.70E-05	**1.28E-03**	4.75E-03	1.04E-04	**9.70E-04**	6.04E-03	9.63E-05	**1.23E-03**	8.67E-03	1.07E-04	**1.76E-03**
558720.094160295.24	558720	4160295	WRKR_742	5.01E-03	5.68E-05	**1.01E-03**	3.75E-03	8.79E-05	**7.68E-04**	4.78E-03	8.17E-05	**9.72E-04**	6.85E-03	9.04E-05	**1.39E-03**
558720.094160305.24	558720	4160305	WRKR_743	5.32E-03	3.99E-05	**1.07E-03**	3.98E-03	6.17E-05	**8.09E-04**	5.07E-03	5.73E-05	**1.03E-03**	7.27E-03	6.34E-05	**1.47E-03**
558720.094160315.24	558720	4160315	WRKR_744	5.65E-03	5.76E-05	**1.14E-03**	4.23E-03	8.92E-05	**8.63E-04**	5.38E-03	8.29E-05	**1.09E-03**	7.72E-03	9.17E-05	**1.56E-03**
558720.094160325.24	558720	4160325	WRKR_745	6.00E-03	5.88E-05	**1.21E-03**	4.49E-03	9.11E-05	**9.16E-04**	5.72E-03	8.46E-05	**1.16E-03**	8.20E-03	9.36E-05	**1.66E-03**
558612.684160297.32	558613	4160297	WRKR_746	4.67E-03	1.83E-05	**9.38E-04**	3.50E-03	2.83E-05	**7.05E-04**	4.45E-03	2.62E-05	**8.95E-04**	6.38E-03	2.90E-05	**1.28E-03**
558612.684160307.32	558613	4160307	WRKR_747	4.98E-03	1.90E-05	**1.00E-03**	3.73E-03	2.94E-05	**7.51E-04**	4.75E-03	2.73E-05	**9.55E-04**	6.81E-03	3.03E-05	**1.37E-03**
558612.684160317.32	558613	4160317	WRKR_748	5.32E-03	1.99E-05	**1.07E-03**	3.98E-03	3.08E-05	**8.02E-04**	5.07E-03	2.86E-05	**1.02E-03**	7.27E-03	3.16E-05	**1.46E-03**
558612.684160327.32	558613	4160327	WRKR_749	5.69E-03	2.09E-05	**1.14E-03**	4.26E-03	3.23E-05	**8.58E-04**	5.42E-03	3.00E-05	**1.09E-03**	7.78E-03	3.32E-05	**1.56E-03**
558612.684160337.32	558613	4160337	WRKR_750	6.10E-03	2.21E-05	**1.22E-03**	4.56E-03	3.42E-05	**9.19E-04**	5.81E-03	3.18E-05	**1.17E-03**	8.33E-03	3.52E-05	**1.67E-03**
558622.684160297.32	558623	4160297	WRKR_751	4.71E-03	1.96E-05	**9.45E-04**	3.52E-03	3.04E-05	**7.11E-04**	4.48E-03	2.82E-05	**9.03E-04**	6.43E-03	3.12E-05	**1.29E-03**
558622.684160307.32	558623	4160307	WRKR_752	5.02E-03	2.04E-05	**1.01E-03**	3.76E-03	3.16E-05	**7.58E-04**	4.78E-03	2.93E-05	**9.63E-04**	6.86E-03	3.24E-05	**1.38E-03**
558622.684160317.32	558623	4160317	WRKR_753	5.36E-03	2.13E-05	**1.08E-03**	4.01E-03	3.29E-05	**8.09E-04**	5.11E-03	3.06E-05	**1.03E-03**	7.33E-03	3.38E-05	**1.47E-03**
558622.684160327.32	558623	4160327	WRKR_754	5.73E-03	2.23E-05	**1.15E-03**	4.29E-03	3.45E-05	**8.65E-04**	5.46E-03	3.20E-05	**1.10E-03**	7.84E-03	3.54E-05	**1.57E-03**
558622.684160337.32	558623	4160337	WRKR_755	6.14E-03	2.36E-05	**1.23E-03**	4.60E-03	3.65E-05	**9.26E-04**	5.85E-03	3.39E-05	**1.18E-03**	8.39E-03	3.75E-05	**1.69E-03**
558632.684160297.32	558633	4160297	WRKR_756	4.75E-03	2.12E-05	**9.54E-04**	3.55E-03	3.29E-05	**7.17E-04**	4.52E-03	3.05E-05	**9.11E-04**	6.49E-03	3.38E-05	**1.30E-03**
558632.684160307.32	558633	4160307	WRKR_757	5.06E-03	2.20E-05	**1.02E-03**	3.79E-03	3.41E-05	**7.64E-04**	4.82E-03	3.16E-05	**9.71E-04**	6.92E-03	3.50E-05	**1.39E-03**
558632.684160317.32	558633	4160317	WRKR_758	5.40E-03	2.29E-05	**1.09E-03**	4.04E-03	3.54E-05	**8.16E-04**	5.15E-03	3.29E-05	**1.04E-03**	7.39E-03	3.64E-05	**1.48E-03**
558632.684160327.32	558633	4160327	WRKR_759	5.78E-03	2.39E-05	**1.16E-03**	4.32E-03	3.70E-05	**8.72E-04**	5.50E-03	3.44E-05	**1.11E-03**	7.90E-03	3.80E-05	**1.59E-03**
558632.684160337.32	558633	4160337	WRKR_760	6.18E-03	2.52E-05	**1.24E-03**	4.63E-03	3.90E-05	**9.33E-04**	5.89E-03	3.62E-05	**1.19E-03**	8.45E-03	4.01E-05	**1.70E-03**
558642.684160297.32	558643	4160297	WRKR_761	4.80E-03	2.33E-05	**9.64E-04**	3.59E-03	3.61E-05	**7.25E-04**	4.57E-03	3.36E-05	**9.21E-04**	6.56E-03	3.71E-05	**1.32E-03**
558642.684160307.32	558643	4160307	WRKR_762	5.10E-03	2.39E-05	**1.03E-03**	3.82E-03	3.71E-05	**7.71E-04**	4.86E-03	3.44E-05	**9.79E-04**	6.97E-03	3.81E-05	**1.40E-03**
558642.684160317.32	558643	4160317	WRKR_763	5.45E-03	2.48E-05	**1.09E-03**	4.08E-03	3.84E-05	**8.23E-04**	5.19E-03	3.57E-05	**1.05E-03**	7.45E-03	3.95E-05	**1.50E-03**
558642.684160327.32	558643	4160327	WRKR_764	5.82E-03	2.58E-05	**1.17E-03**	4.36E-03	4.00E-05	**8.79E-04**	5.55E-03	3.71E-05	**1.12E-03**	7.96E-03	4.11E-05	**1.60E-03**
558642.684160337.32	558643	4160337	WRKR_765	6.23E-03	2.72E-05	**1.25E-03**	4.66E-03	4.20E-05	**9.41E-04**	5.93E-03	3.90E-05	**1.19E-03**	8.51E-03	4.32E-05	**1.71E-03**
558652.684160297.32	558653	4160297	WRKR_766	4.83E-03	2.57E-05	**9.72E-04**	3.62E-03	3.98E-05	**7.31E-04**	4.61E-03	3.70E-05	**9.28E-04**	6.61E-03	4.10E-05	**1.33E-03**
558652.684160307.32	558653	4160307	WRKR_767	5.15E-03	2.64E-05	**1.03E-03**	3.85E-03	4.08E-05	**7.78E-04**	4.90E-03	3.79E-05	**9.88E-04**	7.03E-03	4.19E-05	**1.42E-03**
558652.684160317.32	558653	4160317	WRKR_768	5.49E-03	2.72E-05	**1.10E-03**	4.11E-03	4.21E-05	**8.30E-04**	5.23E-03	3.91E-05	**1.05E-03**	7.50E-03	4.33E-05	**1.51E-03**
558652.684160327.32	558653	4160327	WRKR_769	5.86E-03	2.82E-05	**1.18E-03**	4.39E-03	4.36E-05	**8.86E-04**	5.59E-03	4.05E-05	**1.13E-03**	8.01E-03	4.48E-05	**1.61E-03**
558652.684160337.32	558653	4160337	WRKR_770	6.27E-03	2.95E-05	**1.26E-03**	4.69E-03	4.56E-05	**9.47E-04**	5.97E-03	4.24E-05	**1.20E-03**	8.57E-03	4.69E-05	**1.72E-03**
558662.684160297.32	558663	4160297	WRKR_771	4.88E-03	2.90E-05	**9.82E-04**	3.65E-03	4.49E-05	**7.39E-04**	4.65E-03	4.17E-05	**9.38E-04**	6.67E-03	4.61E-05	**1.34E-03**
558662.684160307.32	558663	4160307	WRKR_772	5.19E-03	2.95E-05	**1.04E-03**	3.89E-03	4.57E-05	**7.86E-04**	4.95E-03	4.25E-05	**9.98E-04**	7.10E-03	4.70E-05	**1.43E-03**
558662.684160317.32	558663	4160317	WRKR_773	5.53E-03	3.02E-05	**1.11E-03**	4.14E-03	4.68E-05	**8.37E-04**	5.27E-03	4.34E-05	**1.06E-03**	7.56E-03	4.81E-05	**1.52E-03**
558662.684160327.32	558663	4160327	WRKR_774	5.90E-03	3.11E-05	**1.19E-03**	4.42E-03	4.82E-05	**8.93E-04**	5.62E-03	4.47E-05	**1.13E-03**	8.06E-03	4.95E-05	**1.62E-03**
558662.684160337.32	558663	4160337	WRKR_775	6.30E-03	3.24E-05	**1.27E-03**	4.72E-03	5.01E-05	**9.53E-04**	6.01E-03	4.65E-05	**1.21E-03**	8.61E-03	5.15E-05	**1.73E-03**
558672.684160297.32	558673	4160297	WRKR_776	4.91E-03	3.28E-05	**9.89E-04**	3.67E-03	5.07E-05	**7.45E-04**	4.68E-03	4.71E-05	**9.45E-04**	6.71E-03	5.21E-05	**1.35E-03**
558672.684160307.32	558673	4160307	WRKR_777	5.23E-03	3.34E-05	**1.05E-03**	3.91E-03	5.18E-05	**7.93E-04**	4.98E-03	4.81E-05	**1.01E-03**	7.15E-03	5.32E-05	**1.44E-03**
558672.684160317.32	558673	4160317	WRKR_778	5.57E-03	3.41E-05	**1.12E-03**	4.17E-03	5.29E-05	**8.45E-04**	5.31E-03	4.91E-05	**1.07E-03**	7.62E-03	5.43E-05	**1.53E-03**
558672.684160327.32	558673	4160327	WRKR_779	5.94E-03	3.49E-05	**1.19E-03**	4.44E-03	5.41E-05	**9.00E-04**	5.66E-03	5.02E-05	**1.14E-03**	8.12E-03	5.56E-05	**1.63E-03**
558672.684160337.32	558673	4160337	WRKR_780	6.34E-03	3.61E-05	**1.27E-03**	4.74E-03	5.59E-05	**9.59E-04**	6.04E-03	5.19E-05	**1.22E-03**	8.66E-03	5.74E-05	**1.74E-03**
558543.584160290.65	558544	4160291	WRKR_781	4.39E-03	1.22E-05	**8.81E-04**	3.29E-03	1.90E-05	**6.61E-04**	4.18E-03	1.76E-05	**8.40E-04**	6.00E-03	1.95E-05	**1.20E-03**
558553.584160300.65	558554	4160301	WRKR_782	4.67E-03	1.35E-05	**9.36E-04**	3.49E-03	2.08E-05	**7.03E-04**	4.45E-03	1.93E-05	**8.94E-04**	6.38E-03	2.14E-05	**1.28E-03**
558553.584160310.65	558554	4160311	WRKR_783	4.97E-03	1.41E-05	**9.96E-04**	3.72E-03	2.18E-05	**7.48E-04**	4.73E-03	2.03E-05	**9.51E-04**	6.79E-03	2.24E-05	**1.36E-03**
558553.584160320.65	558554	4160321	WRKR_784	5.30E-03	1.48E-05	**1.06E-03**	3.96E-03	2.29E-05	**7.98E-04**	5.05E-03	2.13E-05	**1.01E-03**	7.24E-03	2.35E-05	**1.45E-03**
558553.584160330.65	558554	4160331	WRKR_785	5.66E-03	1.56E-05	**1.14E-03**	4.24E-03	2.41E-05	**8.52E-04**	5.40E-03	2.24E-05	**1.08E-03**	7.74E-03	2.48E-05	**1.55E-03**
558563.584160300.65	558564	4160301	WRKR_786	4.68E-03	1.42E-05	**9.40E-04**	3.51E-03	2.20E-05	**7.06E-04**	4.46E-03	2.04E-05	**8.97E-04**	6.40E-03	2.26E-05	**1.29E-03**
558563.584160310.65	558564	4160311	WRKR_787	4.99E-03	1.49E-05	**1.00E-03**	3.73E-03	2.30E-05	**7.51E-04**	4.75E-03	2.14E-05	**9.55E-04**	6.82E-03	2.37E-05	**1.37E-03**
558563.584160320.65	558564	4160321	WRKR_788	5.32E-03	1.56E-05	**1.07E-03**	3.98E-03	2.42E-05	**8.02E-04**	5.07E-03	2.25E-05	**1.02E-03**	7.28E-03	2.49E-05	**1.46E-03**
558563.584160330.65	558564	4160331	WRKR_789	5.69E-03	1.65E-05	**1.14E-03**	4.26E-03	2.55E-05	**8.57E-04**	5.42E-03	2.37E-05	**1.09E-03**	7.78E-03	2.62E-05	**1.56E-03**
558573.584160300.65	558574	4160301	WRKR_790	4.71E-03	1.50E-05	**9.44E-04**	3.52E-03	2.32E-05	**7.09E-04**	4.48E-03	2.15E-05	**9.01E-04**	6.43E-03	2.38E-05	**1.29E-03**
558573.584160310.65	558574	4160311	WRKR_791	5.01E-03	1.57E-05	**1.01E-03**	3.75E-03	2.43E-05	**7.55E-04**	4.78E-03	2.26E-05	**9.60E-04**	6.85E-03	2.50E-05	**1.38E-03**
558573.584160320.65	558574	4160321	WRKR_792	5.35E-03	1.65E-05	**1.07E-03**	4.01E-03	2.56E-05	**8.06E-04**	5.10E-03	2.38E-05	**1.02E-03**	7.32E-03	2.63E-05	**1.47E-03**

				AG	AH		AG	AH		AG	AH		AG	AH	
Chronic Hazard Index				**Year 1**			**Year 2**			**Year 3**			**Year 4**		
DPM REL (µg/m³)	**5.0**			**Project Concentrations (µg/m³)**			**(µg/m³)**			**(µg/m³)**			**(µg/m³)**		
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**
558573.584160330.65	558574	4160331	WRKR_793	5.73E-03	1.74E-05	**1.15E-03**	4.29E-03	2.70E-05	**8.62E-04**	5.46E-03	2.51E-05	**1.10E-03**	7.83E-03	2.77E-05	**1.57E-03**
558583.584160300.65	558584	4160301	WRKR_794	4.73E-03	1.59E-05	**9.49E-04**	3.54E-03	2.45E-05	**7.13E-04**	4.51E-03	2.28E-05	**9.06E-04**	6.47E-03	2.52E-05	**1.30E-03**
558583.584160310.65	558584	4160311	WRKR_795	5.04E-03	1.66E-05	**1.01E-03**	3.77E-03	2.57E-05	**7.60E-04**	4.81E-03	2.39E-05	**9.66E-04**	6.89E-03	2.64E-05	**1.38E-03**
558583.584160320.65	558584	4160321	WRKR_796	5.39E-03	1.75E-05	**1.08E-03**	4.03E-03	2.71E-05	**8.12E-04**	5.13E-03	2.51E-05	**1.03E-03**	7.36E-03	2.78E-05	**1.48E-03**
558583.584160330.65	558584	4160331	WRKR_797	5.76E-03	1.85E-05	**1.16E-03**	4.31E-03	2.86E-05	**8.68E-04**	5.49E-03	2.65E-05	**1.10E-03**	7.88E-03	2.94E-05	**1.58E-03**
558593.584160330.65	558594	4160331	WRKR_798	5.80E-03	1.96E-05	**1.16E-03**	4.34E-03	3.03E-05	**8.75E-04**	5.53E-03	2.82E-05	**1.11E-03**	7.93E-03	3.12E-05	**1.59E-03**
558455.354160303.56	558455	4160304	WRKR_799	4.97E-03	8.25E-06	**9.96E-04**	3.72E-03	1.28E-05	**7.47E-04**	4.74E-03	1.19E-05	**9.50E-04**	6.80E-03	1.31E-05	**1.36E-03**
558455.354160313.56	558455	4160314	WRKR_800	5.25E-03	8.53E-06	**1.05E-03**	3.93E-03	1.32E-05	**7.88E-04**	5.00E-03	1.23E-05	**1.00E-03**	7.17E-03	1.36E-05	**1.44E-03**
558455.354160323.56	558455	4160324	WRKR_801	5.55E-03	8.84E-06	**1.11E-03**	4.15E-03	1.37E-05	**8.33E-04**	5.28E-03	1.27E-05	**1.06E-03**	7.58E-03	1.41E-05	**1.52E-03**
558455.354160333.56	558455	4160334	WRKR_802	5.88E-03	9.16E-06	**1.18E-03**	4.40E-03	1.42E-05	**8.83E-04**	5.60E-03	1.32E-05	**1.12E-03**	8.03E-03	1.46E-05	**1.61E-03**
558455.354160343.56	558455	4160344	WRKR_803	6.25E-03	9.50E-06	**1.25E-03**	4.68E-03	1.47E-05	**9.38E-04**	5.95E-03	1.37E-05	**1.19E-03**	8.54E-03	1.51E-05	**1.71E-03**
558465.354160303.56	558465	4160304	WRKR_804	4.91E-03	8.65E-06	**9.84E-04**	3.68E-03	1.34E-05	**7.38E-04**	4.68E-03	1.24E-05	**9.39E-04**	6.71E-03	1.38E-05	**1.35E-03**
558465.354160313.56	558465	4160314	WRKR_805	5.19E-03	8.96E-06	**1.04E-03**	3.88E-03	1.39E-05	**7.79E-04**	4.94E-03	1.29E-05	**9.91E-04**	7.09E-03	1.43E-05	**1.42E-03**
558465.354160323.56	558465	4160324	WRKR_806	5.49E-03	9.29E-06	**1.10E-03**	4.11E-03	1.44E-05	**8.24E-04**	5.23E-03	1.34E-05	**1.05E-03**	7.50E-03	1.48E-05	**1.50E-03**
558465.354160333.56	558465	4160334	WRKR_807	5.82E-03	9.63E-06	**1.17E-03**	4.36E-03	1.49E-05	**8.74E-04**	5.55E-03	1.38E-05	**1.11E-03**	7.96E-03	1.53E-05	**1.59E-03**
558465.354160343.56	558465	4160344	WRKR_808	6.19E-03	1.00E-05	**1.24E-03**	4.64E-03	1.55E-05	**9.30E-04**	5.90E-03	1.44E-05	**1.18E-03**	8.47E-03	1.59E-05	**1.70E-03**
558475.354160303.56	558475	4160304	WRKR_809	4.86E-03	9.06E-06	**9.74E-04**	3.64E-03	1.40E-05	**7.30E-04**	4.63E-03	1.30E-05	**9.29E-04**	6.64E-03	1.44E-05	**1.33E-03**
558475.354160313.56	558475	4160314	WRKR_810	5.14E-03	9.40E-06	**1.03E-03**	3.84E-03	1.46E-05	**7.72E-04**	4.89E-03	1.35E-05	**9.81E-04**	7.02E-03	1.50E-05	**1.41E-03**
558475.354160323.56	558475	4160324	WRKR_811	5.44E-03	9.77E-06	**1.09E-03**	4.07E-03	1.51E-05	**8.17E-04**	5.18E-03	1.40E-05	**1.04E-03**	7.44E-03	1.55E-05	**1.49E-03**
558475.354160333.56	558475	4160334	WRKR_812	5.78E-03	1.02E-05	**1.16E-03**	4.32E-03	1.57E-05	**8.68E-04**	5.51E-03	1.46E-05	**1.10E-03**	7.90E-03	1.62E-05	**1.58E-03**
558475.354160343.56	558475	4160344	WRKR_813	6.16E-03	1.06E-05	**1.23E-03**	4.61E-03	1.63E-05	**9.24E-04**	5.86E-03	1.52E-05	**1.18E-03**	8.41E-03	1.68E-05	**1.69E-03**
558485.354160303.56	558485	4160304	WRKR_814	4.82E-03	9.53E-06	**9.66E-04**	3.61E-03	1.47E-05	**7.24E-04**	4.59E-03	1.37E-05	**9.21E-04**	6.59E-03	1.52E-05	**1.32E-03**
558485.354160313.56	558485	4160314	WRKR_815	5.09E-03	9.86E-06	**1.02E-03**	3.81E-03	1.53E-05	**7.65E-04**	4.85E-03	1.42E-05	**9.74E-04**	6.96E-03	1.57E-05	**1.40E-03**
558485.354160323.56	558485	4160324	WRKR_816	5.41E-03	1.03E-05	**1.08E-03**	4.04E-03	1.59E-05	**8.12E-04**	5.15E-03	1.48E-05	**1.03E-03**	7.39E-03	1.64E-05	**1.48E-03**
558485.354160333.56	558485	4160334	WRKR_817	5.75E-03	1.07E-05	**1.15E-03**	4.30E-03	1.66E-05	**8.63E-04**	5.48E-03	1.54E-05	**1.10E-03**	7.86E-03	1.70E-05	**1.57E-03**
558485.354160343.56	558485	4160344	WRKR_818	6.13E-03	1.12E-05	**1.23E-03**	4.59E-03	1.73E-05	**9.20E-04**	5.84E-03	1.60E-05	**1.17E-03**	8.37E-03	1.77E-05	**1.68E-03**
558495.354160303.56	558495	4160304	WRKR_819	4.79E-03	1.00E-05	**9.59E-04**	3.58E-03	1.55E-05	**7.19E-04**	4.56E-03	1.44E-05	**9.15E-04**	6.54E-03	1.60E-05	**1.31E-03**
558495.354160313.56	558495	4160314	WRKR_820	5.07E-03	1.04E-05	**1.02E-03**	3.79E-03	1.61E-05	**7.62E-04**	4.83E-03	1.50E-05	**9.69E-04**	6.93E-03	1.66E-05	**1.39E-03**
558495.354160323.56	558495	4160324	WRKR_821	5.38E-03	1.09E-05	**1.08E-03**	4.03E-03	1.68E-05	**8.09E-04**	5.13E-03	1.56E-05	**1.03E-03**	7.35E-03	1.73E-05	**1.47E-03**
558495.354160333.56	558495	4160334	WRKR_822	5.73E-03	1.13E-05	**1.15E-03**	4.28E-03	1.75E-05	**8.60E-04**	5.46E-03	1.62E-05	**1.09E-03**	7.83E-03	1.80E-05	**1.57E-03**
558495.354160343.56	558495	4160344	WRKR_823	6.11E-03	1.18E-05	**1.22E-03**	4.57E-03	1.83E-05	**9.18E-04**	5.82E-03	1.70E-05	**1.17E-03**	8.35E-03	1.88E-05	**1.67E-03**
558505.354160303.56	558505	4160304	WRKR_824	4.76E-03	1.06E-05	**9.54E-04**	3.56E-03	1.63E-05	**7.16E-04**	4.54E-03	1.52E-05	**9.10E-04**	6.51E-03	1.68E-05	**1.30E-03**
558505.354160313.56	558505	4160314	WRKR_825	5.05E-03	1.10E-05	**1.01E-03**	3.78E-03	1.70E-05	**7.59E-04**	4.81E-03	1.58E-05	**9.65E-04**	6.90E-03	1.75E-05	**1.38E-03**
558505.354160323.56	558505	4160324	WRKR_826	5.36E-03	1.15E-05	**1.08E-03**	4.01E-03	1.77E-05	**8.06E-04**	5.11E-03	1.65E-05	**1.03E-03**	7.33E-03	1.82E-05	**1.47E-03**
558505.354160333.56	558505	4160334	WRKR_827	5.71E-03	1.20E-05	**1.15E-03**	4.28E-03	1.85E-05	**8.59E-04**	5.44E-03	1.72E-05	**1.09E-03**	7.81E-03	1.90E-05	**1.57E-03**
558515.354160303.56	558515	4160304	WRKR_828	4.75E-03	1.11E-05	**9.51E-04**	3.55E-03	1.72E-05	**7.14E-04**	4.52E-03	1.60E-05	**9.08E-04**	6.49E-03	1.77E-05	**1.30E-03**
558515.354160313.56	558515	4160314	WRKR_829	5.04E-03	1.16E-05	**1.01E-03**	3.77E-03	1.80E-05	**7.57E-04**	4.80E-03	1.67E-05	**9.63E-04**	6.88E-03	1.85E-05	**1.38E-03**
558515.354160323.56	558515	4160324	WRKR_830	5.36E-03	1.21E-05	**1.07E-03**	4.01E-03	1.87E-05	**8.05E-04**	5.10E-03	1.74E-05	**1.02E-03**	7.32E-03	1.93E-05	**1.47E-03**
558515.354160333.56	558515	4160334	WRKR_831	5.71E-03	1.27E-05	**1.15E-03**	4.27E-03	1.96E-05	**8.59E-04**	5.44E-03	1.82E-05	**1.09E-03**	7.81E-03	2.02E-05	**1.57E-03**
558525.354160303.56	558525	4160304	WRKR_832	4.74E-03	1.17E-05	**9.50E-04**	3.55E-03	1.82E-05	**7.13E-04**	4.51E-03	1.69E-05	**9.06E-04**	6.48E-03	1.87E-05	**1.30E-03**
558525.354160313.56	558525	4160314	WRKR_833	5.03E-03	1.23E-05	**1.01E-03**	3.77E-03	1.90E-05	**7.57E-04**	4.79E-03	1.76E-05	**9.62E-04**	6.88E-03	1.95E-05	**1.38E-03**
558525.354160323.56	558525	4160324	WRKR_834	5.36E-03	1.28E-05	**1.07E-03**	4.01E-03	1.98E-05	**8.06E-04**	5.11E-03	1.84E-05	**1.02E-03**	7.32E-03	2.04E-05	**1.47E-03**
558525.354160333.56	558525	4160334	WRKR_835	5.72E-03	1.34E-05	**1.15E-03**	4.28E-03	2.08E-05	**8.60E-04**	5.45E-03	1.93E-05	**1.09E-03**	7.82E-03	2.14E-05	**1.57E-03**
558535.354160303.56	558535	4160304	WRKR_836	4.74E-03	1.24E-05	**9.50E-04**	3.54E-03	1.91E-05	**7.13E-04**	4.51E-03	1.78E-05	**9.06E-04**	6.47E-03	1.97E-05	**1.30E-03**
558535.354160313.56	558535	4160314	WRKR_837	5.04E-03	1.29E-05	**1.01E-03**	3.77E-03	2.00E-05	**7.58E-04**	4.80E-03	1.86E-05	**9.63E-04**	6.88E-03	2.06E-05	**1.38E-03**
558535.354160323.56	558535	4160324	WRKR_838	5.37E-03	1.36E-05	**1.08E-03**	4.02E-03	2.10E-05	**8.07E-04**	5.11E-03	1.95E-05	**1.03E-03**	7.34E-03	2.16E-05	**1.47E-03**
558535.354160333.56	558535	4160334	WRKR_839	5.73E-03	1.42E-05	**1.15E-03**	4.29E-03	2.20E-05	**8.62E-04**	5.46E-03	2.04E-05	**1.10E-03**	7.84E-03	2.26E-05	**1.57E-03**
558616.674160229.97	558617	4160230	WRKR_840	3.21E-03	1.50E-05	**6.44E-04**	2.40E-03	2.32E-05	**4.84E-04**	3.05E-03	2.15E-05	**6.15E-04**	4.38E-03	2.38E-05	**8.81E-04**
558616.674160239.97	558617	4160240	WRKR_841	3.38E-03	1.56E-05	**6.79E-04**	2.53E-03	2.41E-05	**5.11E-04**	3.22E-03	2.24E-05	**6.49E-04**	4.62E-03	2.48E-05	**9.29E-04**
558616.674160249.97	558617	4160250	WRKR_842	3.57E-03	1.62E-05	**7.17E-04**	2.67E-03	2.51E-05	**5.39E-04**	3.40E-03	2.33E-05	**6.85E-04**	4.88E-03	2.58E-05	**9.81E-04**
558626.674160229.97	558627	4160230	WRKR_843	3.22E-03	1.63E-05	**6.47E-04**	2.41E-03	2.52E-05	**4.87E-04**	3.07E-03	2.34E-05	**6.18E-04**	4.40E-03	2.59E-05	**8.86E-04**
558626.674160239.97	558627	4160240	WRKR_844	3.40E-03	1.70E-05	**6.83E-04**	2.54E-03	2.63E-05	**5.14E-04**	3.24E-03	2.44E-05	**6.52E-04**	4.64E-03	2.70E-05	**9.34E-04**
558626.674160249.97	558627	4160250	WRKR_845	3.59E-03	1.77E-05	**7.22E-04**	2.69E-03	2.73E-05	**5.43E-04**	3.42E-03	2.54E-05	**6.90E-04**	4.91E-03	2.81E-05	**9.88E-04**
558636.674160229.97	558637	4160230	WRKR_846	3.24E-03	1.79E-05	**6.51E-04**	2.42E-03	2.77E-05	**4.90E-04**	3.09E-03	2.57E-05	**6.22E-04**	4.43E-03	2.85E-05	**8.91E-04**
558636.674160239.97	558637	4160240	WRKR_847	3.42E-03	1.86E-05	**6.88E-04**	2.56E-03	2.89E-05	**5.18E-04**	3.26E-03	2.68E-05	**6.57E-04**	4.67E-03	2.97E-05	**9.41E-04**
558636.674160249.97	558637	4160250	WRKR_848	3.62E-03	1.94E-05	**7.27E-04**	2.71E-03	3.00E-05	**5.47E-04**	3.45E-03	2.79E-05	**6.95E-04**	4.94E-03	3.08E-05	**9.95E-04**
558646.674160229.97	558647	4160230	WRKR_849	3.26E-03	1.98E-05	**6.56E-04**	2.44E-03	3.07E-05	**4.94E-04**	3.11E-03	2.85E-05	**6.27E-04**	4.45E-03	3.16E-05	**8.97E-04**
558646.674160239.97	558647	4160240	WRKR_850	3.44E-03	2.07E-05	**6.93E-04**	2.58E-03	3.20E-05	**5.22E-04**	3.28E-03	2.98E-05	**6.62E-04**	4.71E-03	3.29E-05	**9.48E-04**
558646.674160249.97	558647	4160250	WRKR_851	3.64E-03	2.15E-05	**7.33E-04**	2.73E-03	3.33E-05	**5.52E-04**	3.47E-03	3.10E-05	**7.01E-04**	4.98E-03	3.43E-05	**1.00E-03**
558656.674160229.97	558657	4160230	WRKR_852	3.28E-03	2.23E-05	**6.61E-04**	2.46E-03	3.45E-05	**4.98E-04**	3.13E-03	3.21E-05	**6.32E-04**	4.49E-03	3.55E-05	**9.04E-04**
558656.674160239.97	558657	4160240	WRKR_853	3.47E-03	2.33E-05	**6.98E-04**	2.60E-03	3.60E-05	**5.26E-04**	3.31E-03	3.35E-05	**6.68E-04**	4.74E-03	3.70E-05	**9.56E-04**
558666.674160229.97	558667	4160230	WRKR_854	3.31E-03	2.54E-05	**6.67E-04**	2.47E-03	3.93E-05	**5.03E-04**	3.15E-03	3.65E-05	**6.38E-04**	4.52E-03	4.04E-05	**9.12E-04**
558666.674160239.97	558667	4160240	WRKR_855	3.50E-03	2.66E-05	**7.05E-04**	2.62E-03	4.11E-05	**5.32E-04**	3.33E-03	3.82E-05	**6.74E-04**	4.78E-03	4.23E-05	**9.64E-04**
558676.674160229.97	558677	4160230	WRKR_856	3.33E-03	2.94E-05	**6.73E-04**	2.50E-03	4.55E-05	**5.08E-04**	3.18E-03	4.23E-05	**6.44E-04**	4.56E-03	4.68E-05	**9.21E-04**
558676.674160239.97	558677	4160240	WRKR_857	3.53E-03	3.09E-05	**7.12E-04**	2.64E-03	4.78E-05	**5.37E-04**	3.36E-03	4.44E-05	**6.81E-04**	4.82E-03	4.91E-05	**9.74E-04**
558686.674160229.97	558687	4160230	WRKR_858	3.36E-03	3.47E-05	**6.80E-04**	2.52E-03	5.37E-05	**5.14E-04**	3.20E-03	4.99E-05	**6.51E-04**	4.60E-03	5.52E-05	**9.30E-04**
558686.674160239.97	558687	4160240	WRKR_859	3.56E-03	3.65E-05	**7.19E-04**	2.66E-03	5.65E-05	**5.44E-04**	3.39E-03	5.25E-05	**6.88E-04**	4.86E-03	5.81E-05	**9.84E-04**
558696.674160229.97	558697	4160230	WRKR_860	3.39E-03	4.17E-05	**6.87E-04**	2.54E-03	6.46E-05	**5.21E-04**	3.23E-03	6.00E-05	**6.59E-04**	4.64E-03	6.64E-05	**9.41E-04**
558696.674160239.97	558697	4160240	WRKR_861	3.59E-03	4.42E-05	**7.27E-04**	2.69E-03	6.84E-05	**5.51E-04**	3.42E-03	6.35E-05	**6.97E-04**	4.91E-03	7.03E-05	**9.95E-04**
558706.674160229.97	558707	4160230	WRKR_862	3.42E-03	5.14E-05	**6.95E-04**	2.56E-03	7.95E-05	**5.28E-04**	3.26E-03	7.39E-05	**6.67E-04**	4.68E-03	8.17E-05	**9.52E-04**
558706.674160239.97	558707	4160240	WRKR_863	3.62E-03	5.47E-05	**7.36E-04**	2.71E-03	8.47E-05	**5.59E-04**	3.45E-03	7.87E-05	**7.06E-04**	4.95E-03	8.71E-05	**1.01E-03**
558716.674160229.97	558717	4160230	WRKR_864	3.46E-03	6.48E-05	**7.04E-04**	2.59E-03	1.00E-04	**5.37E-04**	3.29E-03	9.32E-05	**6.77E-04**	4.72E-03	1.03E-04	**9.65E-04**
558716.674160239.97	558717	4160240	WRKR_865	3.66E-03	5.04E-05	**7.41E-04**	2.74E-03	7.81E-05	**5.63E-04**	3.48E-03	7.25E-05	**7.11E-04**	5.00E-03	8.02E-05	**1.02E-03**

				AG	AH		AG	AH		AG	AH				
Chronic Hazard Index				**Year 1**			**Year 2**			**Year 3**			**Year 4**		
DPM REL (µg/m^3)	**5.0**			**Project Concentrations (µg/m^3)**			**(µg/m^3)**			**(µg/m^3)**			**(µg/m^3)**		
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**
558420.214160235.8	558420	4160236	WRKR_866	3.90E-03	5.73E-06	**7.82E-04**	2.92E-03	8.87E-06	**5.86E-04**	3.72E-03	8.24E-06	**7.46E-04**	5.34E-03	9.11E-06	**1.07E-03**
558420.214160245.8	558420	4160246	WRKR_867	4.07E-03	5.90E-06	**8.14E-04**	3.04E-03	9.14E-06	**6.10E-04**	3.87E-03	8.49E-06	**7.77E-04**	5.56E-03	9.39E-06	**1.11E-03**
558420.214160255.8	558420	4160256	WRKR_868	4.24E-03	6.08E-06	**8.49E-04**	3.17E-03	9.42E-06	**6.36E-04**	4.04E-03	8.75E-06	**8.10E-04**	5.79E-03	9.68E-06	**1.16E-03**
558430.214160235.8	558430	4160236	WRKR_869	3.82E-03	5.95E-06	**7.66E-04**	2.86E-03	9.22E-06	**5.74E-04**	3.64E-03	8.56E-06	**7.30E-04**	5.23E-03	9.47E-06	**1.05E-03**
558430.214160245.8	558430	4160246	WRKR_870	3.98E-03	6.14E-06	**7.98E-04**	2.98E-03	9.50E-06	**5.98E-04**	3.79E-03	8.82E-06	**7.60E-04**	5.44E-03	9.76E-06	**1.09E-03**
558430.214160255.8	558430	4160256	WRKR_871	4.15E-03	6.33E-06	**8.31E-04**	3.11E-03	9.80E-06	**6.23E-04**	3.96E-03	9.10E-06	**7.93E-04**	5.67E-03	1.01E-05	**1.14E-03**
558440.214160235.8	558440	4160236	WRKR_872	3.75E-03	6.20E-06	**7.51E-04**	2.80E-03	9.59E-06	**5.63E-04**	3.57E-03	8.91E-06	**7.16E-04**	5.12E-03	9.86E-06	**1.03E-03**
558440.214160245.8	558440	4160246	WRKR_873	3.90E-03	6.39E-06	**7.82E-04**	2.92E-03	9.89E-06	**5.86E-04**	3.72E-03	9.19E-06	**7.46E-04**	5.34E-03	1.02E-05	**1.07E-03**
558440.214160255.8	558440	4160256	WRKR_874	4.07E-03	6.59E-06	**8.16E-04**	3.05E-03	1.02E-05	**6.11E-04**	3.88E-03	9.48E-06	**7.78E-04**	5.56E-03	1.05E-05	**1.11E-03**
558450.214160235.8	558450	4160236	WRKR_875	3.68E-03	6.44E-06	**7.37E-04**	2.75E-03	9.97E-06	**5.53E-04**	3.51E-03	9.26E-06	**7.03E-04**	5.03E-03	1.02E-05	**1.01E-03**
558450.214160245.8	558450	4160246	WRKR_876	3.83E-03	6.64E-06	**7.68E-04**	2.87E-03	1.03E-05	**5.76E-04**	3.65E-03	9.55E-06	**7.32E-04**	5.24E-03	1.06E-05	**1.05E-03**
558450.214160255.8	558450	4160256	WRKR_877	4.00E-03	6.86E-06	**8.01E-04**	2.99E-03	1.06E-05	**6.01E-04**	3.81E-03	9.86E-06	**7.64E-04**	5.46E-03	1.09E-05	**1.10E-03**
558460.214160235.8	558460	4160236	WRKR_878	3.62E-03	6.69E-06	**7.24E-04**	2.71E-03	1.04E-05	**5.43E-04**	3.44E-03	9.62E-06	**6.91E-04**	4.94E-03	1.06E-05	**9.90E-04**
558460.214160245.8	558460	4160246	WRKR_879	3.77E-03	6.91E-06	**7.55E-04**	2.82E-03	1.07E-05	**5.66E-04**	3.59E-03	9.94E-06	**7.20E-04**	5.15E-03	1.10E-05	**1.03E-03**
558460.214160255.8	558460	4160256	WRKR_880	3.93E-03	7.15E-06	**7.88E-04**	2.94E-03	1.11E-05	**5.91E-04**	3.75E-03	1.03E-05	**7.52E-04**	5.38E-03	1.14E-05	**1.08E-03**
558470.214160235.8	558470	4160236	WRKR_881	3.56E-03	6.97E-06	**7.13E-04**	2.66E-03	1.08E-05	**5.35E-04**	3.39E-03	1.00E-05	**6.80E-04**	4.86E-03	1.11E-05	**9.75E-04**
558470.214160245.8	558470	4160246	WRKR_882	3.71E-03	7.21E-06	**7.43E-04**	2.78E-03	1.12E-05	**5.57E-04**	3.53E-03	1.04E-05	**7.09E-04**	5.07E-03	1.15E-05	**1.02E-03**
558470.214160255.8	558470	4160256	WRKR_883	3.87E-03	7.47E-06	**7.76E-04**	2.90E-03	1.16E-05	**5.82E-04**	3.69E-03	1.07E-05	**7.40E-04**	5.29E-03	1.19E-05	**1.06E-03**
558480.214160235.8	558480	4160236	WRKR_884	3.51E-03	7.28E-06	**7.03E-04**	2.62E-03	1.13E-05	**5.27E-04**	3.34E-03	1.05E-05	**6.70E-04**	4.79E-03	1.16E-05	**9.60E-04**
558480.214160245.8	558480	4160246	WRKR_885	3.66E-03	7.53E-06	**7.33E-04**	2.74E-03	1.17E-05	**5.50E-04**	3.48E-03	1.08E-05	**6.99E-04**	5.00E-03	1.20E-05	**1.00E-03**
558480.214160255.8	558480	4160256	WRKR_886	3.82E-03	7.81E-06	**7.66E-04**	2.86E-03	1.21E-05	**5.74E-04**	3.64E-03	1.12E-05	**7.31E-04**	5.22E-03	1.24E-05	**1.05E-03**
558490.214160235.8	558490	4160236	WRKR_887	3.46E-03	7.60E-06	**6.93E-04**	2.59E-03	1.18E-05	**5.20E-04**	3.29E-03	1.09E-05	**6.61E-04**	4.73E-03	1.21E-05	**9.48E-04**
558490.214160245.8	558490	4160246	WRKR_888	3.61E-03	7.86E-06	**7.23E-04**	2.70E-03	1.22E-05	**5.42E-04**	3.44E-03	1.13E-05	**6.89E-04**	4.93E-03	1.25E-05	**9.88E-04**
558490.214160255.8	558490	4160256	WRKR_889	3.78E-03	8.16E-06	**7.57E-04**	2.83E-03	1.26E-05	**5.68E-04**	3.60E-03	1.17E-05	**7.22E-04**	5.16E-03	1.30E-05	**1.03E-03**
558500.214160235.8	558500	4160236	WRKR_890	3.42E-03	7.96E-06	**6.85E-04**	2.56E-03	1.23E-05	**5.14E-04**	3.26E-03	1.14E-05	**6.54E-04**	4.67E-03	1.27E-05	**9.37E-04**
558500.214160245.8	558500	4160246	WRKR_891	3.57E-03	8.24E-06	**7.16E-04**	2.67E-03	1.28E-05	**5.37E-04**	3.40E-03	1.19E-05	**6.83E-04**	4.88E-03	1.31E-05	**9.79E-04**
558500.214160255.8	558500	4160256	WRKR_892	3.74E-03	8.56E-06	**7.49E-04**	2.80E-03	1.32E-05	**5.62E-04**	3.56E-03	1.23E-05	**7.15E-04**	5.11E-03	1.36E-05	**1.02E-03**
558510.214160235.8	558510	4160236	WRKR_893	3.38E-03	8.34E-06	**6.78E-04**	2.53E-03	1.29E-05	**5.09E-04**	3.22E-03	1.20E-05	**6.47E-04**	4.62E-03	1.33E-05	**9.27E-04**
558510.214160245.8	558510	4160246	WRKR_894	3.54E-03	8.65E-06	**7.09E-04**	2.65E-03	1.34E-05	**5.32E-04**	3.37E-03	1.24E-05	**6.76E-04**	4.83E-03	1.38E-05	**9.69E-04**
558510.214160255.8	558510	4160256	WRKR_895	3.70E-03	8.99E-06	**7.43E-04**	2.77E-03	1.39E-05	**5.57E-04**	3.53E-03	1.29E-05	**7.08E-04**	5.06E-03	1.43E-05	**1.02E-03**
558520.214160235.8	558520	4160236	WRKR_896	3.35E-03	8.73E-06	**6.72E-04**	2.51E-03	1.35E-05	**5.04E-04**	3.19E-03	1.26E-05	**6.41E-04**	4.58E-03	1.39E-05	**9.19E-04**
558520.214160245.8	558520	4160246	WRKR_897	3.51E-03	9.07E-06	**7.03E-04**	2.62E-03	1.40E-05	**5.28E-04**	3.34E-03	1.30E-05	**6.71E-04**	4.79E-03	1.44E-05	**9.62E-04**
558520.214160255.8	558520	4160256	WRKR_898	3.68E-03	9.43E-06	**7.37E-04**	2.75E-03	1.46E-05	**5.53E-04**	3.50E-03	1.36E-05	**7.03E-04**	5.03E-03	1.50E-05	**1.01E-03**
558530.214160235.8	558530	4160236	WRKR_899	3.33E-03	9.15E-06	**6.67E-04**	2.49E-03	1.42E-05	**5.01E-04**	3.17E-03	1.32E-05	**6.37E-04**	4.55E-03	1.46E-05	**9.12E-04**
558530.214160245.8	558530	4160246	WRKR_900	3.48E-03	9.49E-06	**6.99E-04**	2.61E-03	1.47E-05	**5.24E-04**	3.32E-03	1.36E-05	**6.67E-04**	4.76E-03	1.51E-05	**9.55E-04**
558530.214160255.8	558530	4160256	WRKR_901	3.66E-03	9.89E-06	**7.33E-04**	2.74E-03	1.53E-05	**5.50E-04**	3.48E-03	1.42E-05	**7.00E-04**	5.00E-03	1.57E-05	**1.00E-03**
558540.214160235.8	558540	4160236	WRKR_902	3.31E-03	9.60E-06	**6.63E-04**	2.47E-03	1.49E-05	**4.98E-04**	3.15E-03	1.38E-05	**6.33E-04**	4.52E-03	1.53E-05	**9.07E-04**
558540.214160245.8	558540	4160246	WRKR_903	3.47E-03	9.97E-06	**6.95E-04**	2.59E-03	1.54E-05	**5.22E-04**	3.30E-03	1.43E-05	**6.63E-04**	4.74E-03	1.59E-05	**9.51E-04**
558540.214160255.8	558540	4160256	WRKR_904	3.64E-03	1.04E-05	**7.30E-04**	2.72E-03	1.61E-05	**5.48E-04**	3.47E-03	1.49E-05	**6.97E-04**	4.98E-03	1.65E-05	**9.99E-04**
558550.214160235.8	558550	4160236	WRKR_905	3.29E-03	1.01E-05	**6.60E-04**	2.46E-03	1.56E-05	**4.96E-04**	3.14E-03	1.45E-05	**6.30E-04**	4.50E-03	1.61E-05	**9.03E-04**
558550.214160245.8	558550	4160246	WRKR_906	3.45E-03	1.05E-05	**6.93E-04**	2.58E-03	1.62E-05	**5.20E-04**	3.29E-03	1.51E-05	**6.61E-04**	4.72E-03	1.67E-05	**9.47E-04**
558550.214160255.8	558550	4160256	WRKR_907	3.63E-03	1.09E-05	**7.28E-04**	2.72E-03	1.69E-05	**5.47E-04**	3.46E-03	1.57E-05	**6.95E-04**	4.96E-03	1.74E-05	**9.96E-04**
558560.214160235.8	558560	4160236	WRKR_908	3.28E-03	1.07E-05	**6.58E-04**	2.46E-03	1.65E-05	**4.94E-04**	3.13E-03	1.53E-05	**6.28E-04**	4.49E-03	1.69E-05	**9.00E-04**
558560.214160245.8	558560	4160246	WRKR_909	3.45E-03	1.11E-05	**6.91E-04**	2.58E-03	1.72E-05	**5.19E-04**	3.28E-03	1.60E-05	**6.60E-04**	4.71E-03	1.77E-05	**9.46E-04**
558560.214160255.8	558560	4160256	WRKR_910	3.63E-03	1.16E-05	**7.28E-04**	2.71E-03	1.79E-05	**5.46E-04**	3.46E-03	1.67E-05	**6.94E-04**	4.96E-03	1.84E-05	**9.95E-04**
558570.214160235.8	558570	4160236	WRKR_911	3.28E-03	1.12E-05	**6.57E-04**	2.45E-03	1.74E-05	**4.94E-04**	3.12E-03	1.61E-05	**6.27E-04**	4.48E-03	1.78E-05	**8.99E-04**
558570.214160245.8	558570	4160246	WRKR_912	3.44E-03	1.17E-05	**6.91E-04**	2.58E-03	1.80E-05	**5.19E-04**	3.28E-03	1.68E-05	**6.60E-04**	4.71E-03	1.85E-05	**9.45E-04**
558570.214160255.8	558570	4160256	WRKR_913	3.63E-03	1.22E-05	**7.28E-04**	2.71E-03	1.88E-05	**5.47E-04**	3.46E-03	1.75E-05	**6.95E-04**	4.96E-03	1.94E-05	**9.96E-04**
558580.214160235.8	558580	4160236	WRKR_914	3.27E-03	1.19E-05	**6.57E-04**	2.45E-03	1.84E-05	**4.94E-04**	3.12E-03	1.71E-05	**6.27E-04**	4.48E-03	1.89E-05	**8.99E-04**
558580.214160245.8	558580	4160246	WRKR_915	3.45E-03	1.24E-05	**6.92E-04**	2.58E-03	1.91E-05	**5.20E-04**	3.28E-03	1.78E-05	**6.60E-04**	4.71E-03	1.97E-05	**9.46E-04**
558590.214160235.8	558590	4160236	WRKR_916	3.28E-03	1.27E-05	**6.58E-04**	2.45E-03	1.96E-05	**4.95E-04**	3.12E-03	1.82E-05	**6.28E-04**	4.48E-03	2.02E-05	**9.00E-04**
558590.214160245.8	558590	4160246	WRKR_917	3.45E-03	1.32E-05	**6.93E-04**	2.58E-03	2.04E-05	**5.21E-04**	3.29E-03	1.89E-05	**6.62E-04**	4.72E-03	2.10E-05	**9.48E-04**
558600.214160245.8	558600	4160246	WRKR_918	3.46E-03	1.41E-05	**6.96E-04**	2.59E-03	2.18E-05	**5.23E-04**	3.30E-03	2.03E-05	**6.64E-04**	4.73E-03	2.24E-05	**9.51E-04**

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

Max Project Chronic HI

								CHRONIC HI			
XY	X	Y	XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
557996.384160720.52	557996	4160721	557996.384160720.52	557996.38	4160720.52	WRKR_1	WORKER	5.96E-03	4.46E-03	5.67E-03	8.14E-03
557996.384160730.52	557996	4160731	557996.384160730.52	557996.38	4160730.52	WRKR_2	WORKER	5.86E-03	4.39E-03	5.59E-03	8.01E-03
557996.384160740.52	557996	4160741	557996.384160740.52	557996.38	4160740.52	WRKR_3	WORKER	5.70E-03	4.26E-03	5.43E-03	7.79E-03
558006.384160710.52	558006	4160711	558006.384160710.52	558006.38	4160710.52	WRKR_4	WORKER	6.81E-03	5.10E-03	6.49E-03	9.31E-03
558006.384160720.52	558006	4160721	558006.384160720.52	558006.38	4160720.52	WRKR_5	WORKER	6.72E-03	5.03E-03	6.40E-03	9.18E-03
558006.384160730.52	558006	4160731	558006.384160730.52	558006.38	4160730.52	WRKR_6	WORKER	6.57E-03	4.92E-03	6.26E-03	8.98E-03
558006.384160740.52	558006	4160741	558006.384160740.52	558006.38	4160740.52	WRKR_7	WORKER	6.41E-03	4.79E-03	6.10E-03	8.75E-03
558016.384160710.52	558016	4160711	558016.384160710.52	558016.38	4160710.52	WRKR_8	WORKER	7.75E-03	5.80E-03	7.39E-03	1.06E-02
558016.384160720.52	558016	4160721	558016.384160720.52	558016.38	4160720.52	WRKR_9	WORKER	7.61E-03	5.70E-03	7.26E-03	1.04E-02
558016.384160730.52	558016	4160731	558016.384160730.52	558016.38	4160730.52	WRKR_10	WORKER	7.42E-03	5.56E-03	7.07E-03	1.01E-02
558016.384160740.52	558016	4160741	558016.384160740.52	558016.38	4160740.52	WRKR_11	WORKER	7.19E-03	5.38E-03	6.85E-03	9.82E-03
558026.384160710.52	558026	4160711	558026.384160710.52	558026.38	4160710.52	WRKR_12	WORKER	8.83E-03	6.61E-03	8.42E-03	1.21E-02
558026.384160720.52	558026	4160721	558026.384160720.52	558026.38	4160720.52	WRKR_13	WORKER	8.71E-03	6.52E-03	8.30E-03	1.19E-02
558026.384160730.52	558026	4160731	558026.384160730.52	558026.38	4160730.52	WRKR_14	WORKER	8.44E-03	6.32E-03	8.04E-03	1.15E-02
558026.384160740.52	558026	4160741	558026.384160740.52	558026.38	4160740.52	WRKR_15	WORKER	8.13E-03	6.09E-03	7.75E-03	1.11E-02
558277.534160581.24	558278	4160581	558277.534160581.24	558277.53	4160581.24	WRKR_16	WORKER	2.34E-02	1.75E-02	2.23E-02	3.20E-02
558277.534160591.24	558278	4160591	558277.534160591.24	558277.53	4160591.24	WRKR_17	WORKER	2.82E-02	2.11E-02	2.69E-02	3.86E-02
558287.534160581.24	558288	4160581	558287.534160581.24	558287.53	4160581.24	WRKR_18	WORKER	2.28E-02	1.71E-02	2.17E-02	3.12E-02
558287.534160591.24	558288	4160591	558287.534160591.24	558287.53	4160591.24	WRKR_19	WORKER	2.72E-02	2.03E-02	2.59E-02	3.71E-02
558297.534160581.24	558298	4160581	558297.534160581.24	558297.53	4160581.24	WRKR_20	WORKER	2.20E-02	1.65E-02	2.10E-02	3.01E-02
558297.534160591.24	558298	4160591	558297.534160591.24	558297.53	4160591.24	WRKR_21	WORKER	2.61E-02	1.96E-02	2.49E-02	3.57E-02
558307.534160581.24	558308	4160581	558307.534160581.24	558307.53	4160581.24	WRKR_22	WORKER	2.11E-02	1.58E-02	2.01E-02	2.88E-02
558307.534160591.24	558308	4160591	558307.534160591.24	558307.53	4160591.24	WRKR_23	WORKER	2.51E-02	1.88E-02	2.40E-02	3.44E-02
558317.534160581.24	558318	4160581	558317.534160581.24	558317.53	4160581.24	WRKR_24	WORKER	2.02E-02	1.51E-02	1.93E-02	2.76E-02
558317.534160591.24	558318	4160591	558317.534160591.24	558317.53	4160591.24	WRKR_25	WORKER	2.42E-02	1.81E-02	2.30E-02	3.30E-02
558327.534160581.24	558328	4160581	558327.534160581.24	558327.53	4160581.24	WRKR_26	WORKER	1.93E-02	1.45E-02	1.84E-02	2.64E-02
558327.534160591.24	558328	4160591	558327.534160591.24	558327.53	4160591.24	WRKR_27	WORKER	2.32E-02	1.73E-02	2.21E-02	3.17E-02
558337.534160581.24	558338	4160581	558337.534160581.24	558337.53	4160581.24	WRKR_28	WORKER	1.84E-02	1.37E-02	1.75E-02	2.51E-02
558101.054160547.13	558101	4160547	558101.054160547.13	558101.05	4160547.13	WRKR_29	WORKER	1.04E-02	7.76E-03	9.88E-03	1.42E-02
558101.054160557.13	558101	4160557	558101.054160557.13	558101.05	4160557.13	WRKR_30	WORKER	1.13E-02	8.47E-03	1.08E-02	1.55E-02
558111.054160547.13	558111	4160547	558111.054160547.13	558111.05	4160547.13	WRKR_31	WORKER	1.10E-02	8.26E-03	1.05E-02	1.51E-02
558111.054160557.13	558111	4160557	558111.054160557.13	558111.05	4160557.13	WRKR_32	WORKER	1.21E-02	9.05E-03	1.15E-02	1.65E-02
558111.054160567.13	558111	4160567	558111.054160567.13	558111.05	4160567.13	WRKR_33	WORKER	1.33E-02	9.95E-03	1.27E-02	1.82E-02
558121.054160537.13	558121	4160537	558121.054160537.13	558121.05	4160537.13	WRKR_34	WORKER	1.07E-02	7.97E-03	1.02E-02	1.46E-02
558121.054160547.13	558121	4160547	558121.054160547.13	558121.05	4160547.13	WRKR_35	WORKER	1.17E-02	8.76E-03	1.11E-02	1.60E-02
558121.054160557.13	558121	4160557	558121.054160557.13	558121.05	4160557.13	WRKR_36	WORKER	1.29E-02	9.64E-03	1.23E-02	1.76E-02
558121.054160567.13	558121	4160567	558121.054160567.13	558121.05	4160567.13	WRKR_37	WORKER	1.42E-02	1.07E-02	1.36E-02	1.95E-02
558121.054160577.13	558121	4160577	558121.054160577.13	558121.05	4160577.13	WRKR_38	WORKER	1.58E-02	1.18E-02	1.50E-02	2.16E-02
558121.054160587.13	558121	4160587	558121.054160587.13	558121.05	4160587.13	WRKR_39	WORKER	1.76E-02	1.31E-02	1.67E-02	2.40E-02
558131.054160527.13	558131	4160527	558131.054160527.13	558131.05	4160527.13	WRKR_40	WORKER	1.02E-02	7.61E-03	9.69E-03	1.39E-02
558131.054160537.13	558131	4160537	558131.054160537.13	558131.05	4160537.13	WRKR_41	WORKER	1.12E-02	8.38E-03	1.07E-02	1.53E-02
558131.054160547.13	558131	4160547	558131.054160547.13	558131.05	4160547.13	WRKR_42	WORKER	1.24E-02	9.24E-03	1.18E-02	1.69E-02
558131.054160557.13	558131	4160557	558131.054160557.13	558131.05	4160557.13	WRKR_43	WORKER	1.37E-02	1.02E-02	1.30E-02	1.87E-02
558131.054160567.13	558131	4160567	558131.054160567.13	558131.05	4160567.13	WRKR_44	WORKER	1.52E-02	1.14E-02	1.45E-02	2.08E-02
558131.054160577.13	558131	4160577	558131.054160577.13	558131.05	4160577.13	WRKR_45	WORKER	1.70E-02	1.27E-02	1.62E-02	2.32E-02
558131.054160587.13	558131	4160587	558131.054160587.13	558131.05	4160587.13	WRKR_46	WORKER	1.90E-02	1.42E-02	1.81E-02	2.60E-02
558131.054160597.13	558131	4160597	558131.054160597.13	558131.05	4160597.13	WRKR_47	WORKER	2.13E-02	1.59E-02	2.03E-02	2.91E-02
558141.054160527.13	558141	4160527	558141.054160527.13	558141.05	4160527.13	WRKR_48	WORKER	1.06E-02	7.94E-03	1.01E-02	1.45E-02
558141.054160537.13	558141	4160537	558141.054160537.13	558141.05	4160537.13	WRKR_49	WORKER	1.17E-02	8.77E-03	1.12E-02	1.60E-02
558141.054160547.13	558141	4160547	558141.054160547.13	558141.05	4160547.13	WRKR_50	WORKER	1.30E-02	9.73E-03	1.24E-02	1.78E-02
558141.054160557.13	558141	4160557	558141.054160557.13	558141.05	4160557.13	WRKR_51	WORKER	1.45E-02	1.08E-02	1.38E-02	1.98E-02
558141.054160567.13	558141	4160567	558141.054160567.13	558141.05	4160567.13	WRKR_52	WORKER	1.62E-02	1.21E-02	1.54E-02	2.21E-02
558141.054160577.13	558141	4160577	558141.054160577.13	558141.05	4160577.13	WRKR_53	WORKER	1.82E-02	1.36E-02	1.73E-02	2.49E-02
558141.054160587.13	558141	4160587	558141.054160587.13	558141.05	4160587.13	WRKR_54	WORKER	2.05E-02	1.53E-02	1.95E-02	2.80E-02
558141.054160597.13	558141	4160597	558141.054160597.13	558141.05	4160597.13	WRKR_55	WORKER	2.31E-02	1.73E-02	2.20E-02	3.16E-02
558141.054160607.13	558141	4160607	558141.054160607.13	558141.05	4160607.13	WRKR_56	WORKER	2.61E-02	1.95E-02	2.49E-02	3.56E-02
558151.054160537.13	558151	4160537	558151.054160537.13	558151.05	4160537.13	WRKR_57	WORKER	1.22E-02	9.14E-03	1.16E-02	1.67E-02
558151.054160547.13	558151	4160547	558151.054160547.13	558151.05	4160547.13	WRKR_58	WORKER	1.36E-02	1.02E-02	1.30E-02	1.86E-02
558151.054160557.13	558151	4160557	558151.054160557.13	558151.05	4160557.13	WRKR_59	WORKER	1.53E-02	1.14E-02	1.45E-02	2.09E-02
558151.054160567.13	558151	4160567	558151.054160567.13	558151.05	4160567.13	WRKR_60	WORKER	1.72E-02	1.29E-02	1.64E-02	2.35E-02
558151.054160577.13	558151	4160577	558151.054160577.13	558151.05	4160577.13	WRKR_61	WORKER	1.94E-02	1.46E-02	1.85E-02	2.66E-02
558151.054160587.13	558151	4160587	558151.054160587.13	558151.05	4160587.13	WRKR_62	WORKER	2.20E-02	1.65E-02	2.10E-02	3.01E-02
558151.054160597.13	558151	4160597	558151.054160597.13	558151.05	4160597.13	WRKR_63	WORKER	2.52E-02	1.89E-02	2.41E-02	3.45E-02
558151.054160607.13	558151	4160607	558151.054160607.13	558151.05	4160607.13	WRKR_64	WORKER	2.89E-02	2.17E-02	2.76E-02	3.95E-02
558151.054160617.13	558151	4160617	558151.054160617.13	558151.05	4160617.13	WRKR_65	WORKER	3.30E-02	2.47E-02	3.15E-02	4.52E-02
558161.054160547.13	558161	4160547	558161.054160547.13	558161.05	4160547.13	WRKR_66	WORKER	1.43E-02	1.07E-02	1.36E-02	1.96E-02
558161.054160557.13	558161	4160557	558161.054160557.13	558161.05	4160557.13	WRKR_67	WORKER	1.60E-02	1.20E-02	1.53E-02	2.19E-02
558161.054160567.13	558161	4160567	558161.054160567.13	558161.05	4160567.13	WRKR_68	WORKER	1.82E-02	1.36E-02	1.73E-02	2.49E-02
558161.054160577.13	558161	4160577	558161.054160577.13	558161.05	4160577.13	WRKR_69	WORKER	2.07E-02	1.55E-02	1.97E-02	2.83E-02
558161.054160587.13	558161	4160587	558161.054160587.13	558161.05	4160587.13	WRKR_70	WORKER	2.37E-02	1.77E-02	2.25E-02	3.23E-02
558161.054160597.13	558161	4160597	558161.054160597.13	558161.05	4160597.13	WRKR_71	WORKER	2.77E-02	2.07E-02	2.64E-02	3.78E-02
558161.054160607.13	558161	4160607	558161.054160607.13	558161.05	4160607.13	WRKR_72	WORKER	3.16E-02	2.37E-02	3.02E-02	4.33E-02
558171.054160557.13	558171	4160557	558171.054160557.13	558171.05	4160557.13	WRKR_73	WORKER	1.69E-02	1.27E-02	1.61E-02	2.32E-02

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

Max Project Chronic HI

								CHRONIC HI			
XY	X	Y	XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558171.054160567.13	558171	4160567	558171.054160567.13	558171.05	4160567.13	WRKR_74	WORKER	1.91E-02	1.43E-02	1.82E-02	2.62E-02
558171.054160577.13	558171	4160577	558171.054160577.13	558171.05	4160577.13	WRKR_75	WORKER	2.20E-02	1.64E-02	2.09E-02	3.00E-02
558171.054160587.13	558171	4160587	558171.054160587.13	558171.05	4160587.13	WRKR_76	WORKER	2.53E-02	1.89E-02	2.41E-02	3.45E-02
558171.054160597.13	558171	4160597	558171.054160597.13	558171.05	4160597.13	WRKR_77	WORKER	2.99E-02	2.24E-02	2.85E-02	4.09E-02
558181.054160567.13	558181	4160567	558181.054160567.13	558181.05	4160567.13	WRKR_78	WORKER	2.02E-02	1.51E-02	1.93E-02	2.77E-02
558181.054160577.13	558181	4160577	558181.054160577.13	558181.05	4160577.13	WRKR_79	WORKER	2.32E-02	1.74E-02	2.21E-02	3.17E-02
558181.054160587.13	558181	4160587	558181.054160587.13	558181.05	4160587.13	WRKR_80	WORKER	2.70E-02	2.02E-02	2.57E-02	3.69E-02
558191.054160577.13	558191	4160577	558191.054160577.13	558191.05	4160577.13	WRKR_81	WORKER	2.42E-02	1.81E-02	2.31E-02	3.31E-02
558368.544160582.33	558369	4160582	558368.544160582.33	558368.54	4160582.33	WRKR_82	WORKER	1.62E-02	1.21E-02	1.54E-02	2.21E-02
558378.544160582.33	558379	4160582	558378.544160582.33	558378.54	4160582.33	WRKR_83	WORKER	1.53E-02	1.15E-02	1.46E-02	2.09E-02
558378.544160592.33	558379	4160592	558378.544160592.33	558378.54	4160592.33	WRKR_84	WORKER	1.73E-02	1.30E-02	1.65E-02	2.37E-02
558378.544160602.33	558379	4160602	558378.544160602.33	558378.54	4160602.33	WRKR_85	WORKER	1.95E-02	1.46E-02	1.86E-02	2.67E-02
558378.544160612.33	558379	4160612	558378.544160612.33	558378.54	4160612.33	WRKR_86	WORKER	2.28E-02	1.70E-02	2.17E-02	3.11E-02
558388.544160582.33	558389	4160582	558388.544160582.33	558388.54	4160582.33	WRKR_87	WORKER	1.43E-02	1.07E-02	1.36E-02	1.96E-02
558388.544160592.33	558389	4160592	558388.544160592.33	558388.54	4160592.33	WRKR_88	WORKER	1.61E-02	1.20E-02	1.53E-02	2.20E-02
558388.544160602.33	558389	4160602	558388.544160602.33	558388.54	4160602.33	WRKR_89	WORKER	1.80E-02	1.35E-02	1.72E-02	2.46E-02
558388.544160612.33	558389	4160612	558388.544160612.33	558388.54	4160612.33	WRKR_90	WORKER	2.09E-02	1.57E-02	1.99E-02	2.86E-02
558398.544160582.33	558399	4160582	558398.544160582.33	558398.54	4160582.33	WRKR_91	WORKER	1.32E-02	9.90E-03	1.26E-02	1.81E-02
558398.544160592.33	558399	4160592	558398.544160592.33	558398.54	4160592.33	WRKR_92	WORKER	1.48E-02	1.11E-02	1.41E-02	2.02E-02
558398.544160602.33	558399	4160602	558398.544160602.33	558398.54	4160602.33	WRKR_93	WORKER	1.67E-02	1.25E-02	1.59E-02	2.28E-02
558398.544160612.33	558399	4160612	558398.544160612.33	558398.54	4160612.33	WRKR_94	WORKER	1.92E-02	1.43E-02	1.83E-02	2.62E-02
557976.094160490.12	557976	4160490	557976.094160490.12	557976.09	4160490.12	HLTN_1	RESIDENT	3.20E-03	2.40E-03	3.05E-03	4.38E-03
557976.094160500.12	557976	4160500	557976.094160500.12	557976.09	4160500.12	HLTN_2	RESIDENT	3.32E-03	2.49E-03	3.17E-03	4.54E-03
557976.094160510.12	557976	4160510	557976.094160510.12	557976.09	4160510.12	HLTN_3	RESIDENT	3.47E-03	2.60E-03	3.31E-03	4.75E-03
557976.094160520.12	557976	4160520	557976.094160520.12	557976.09	4160520.12	HLTN_4	RESIDENT	3.61E-03	2.71E-03	3.44E-03	4.94E-03
557976.094160530.12	557976	4160530	557976.094160530.12	557976.09	4160530.12	HLTN_5	RESIDENT	3.74E-03	2.80E-03	3.56E-03	5.11E-03
557986.094160480.12	557986	4160480	557986.094160480.12	557986.09	4160480.12	HLTN_6	RESIDENT	3.30E-03	2.47E-03	3.15E-03	4.51E-03
557986.094160490.12	557986	4160490	557986.094160490.12	557986.09	4160490.12	HLTN_7	RESIDENT	3.49E-03	2.61E-03	3.32E-03	4.76E-03
557986.094160500.12	557986	4160500	557986.094160500.12	557986.09	4160500.12	HLTN_8	RESIDENT	3.62E-03	2.71E-03	3.45E-03	4.94E-03
557986.094160510.12	557986	4160510	557986.094160510.12	557986.09	4160510.12	HLTN_9	RESIDENT	3.75E-03	2.81E-03	3.57E-03	5.12E-03
557986.094160520.12	557986	4160520	557986.094160520.12	557986.09	4160520.12	HLTN_10	RESIDENT	3.89E-03	2.91E-03	3.70E-03	5.31E-03
557986.094160530.12	557986	4160530	557986.094160530.12	557986.09	4160530.12	HLTN_11	RESIDENT	4.02E-03	3.01E-03	3.83E-03	5.50E-03
557996.094160480.12	557996	4160480	557996.094160480.12	557996.09	4160480.12	HLTN_12	RESIDENT	3.57E-03	2.67E-03	3.40E-03	4.88E-03
557996.094160490.12	557996	4160490	557996.094160490.12	557996.09	4160490.12	HLTN_13	RESIDENT	3.72E-03	2.78E-03	3.54E-03	5.08E-03
557996.094160500.12	557996	4160500	557996.094160500.12	557996.09	4160500.12	HLTN_14	RESIDENT	3.87E-03	2.89E-03	3.68E-03	5.28E-03
557996.094160510.12	557996	4160510	557996.094160510.12	557996.09	4160510.12	HLTN_15	RESIDENT	4.02E-03	3.01E-03	3.83E-03	5.49E-03
557996.094160520.12	557996	4160520	557996.094160520.12	557996.09	4160520.12	HLTN_16	RESIDENT	4.18E-03	3.13E-03	3.98E-03	5.71E-03
557996.094160530.12	557996	4160530	557996.094160530.12	557996.09	4160530.12	HLTN_17	RESIDENT	4.34E-03	3.25E-03	4.14E-03	5.93E-03
557996.094160540.12	557996	4160540	557996.094160540.12	557996.09	4160540.12	HLTN_18	RESIDENT	4.51E-03	3.37E-03	4.30E-03	6.16E-03
557996.094160550.12	557996	4160550	557996.094160550.12	557996.09	4160550.12	HLTN_19	RESIDENT	4.68E-03	3.50E-03	4.46E-03	6.39E-03
557996.094160560.12	557996	4160560	557996.094160560.12	557996.09	4160560.12	HLTN_20	RESIDENT	4.85E-03	3.63E-03	4.62E-03	6.62E-03
557996.094160570.12	557996	4160570	557996.094160570.12	557996.09	4160570.12	HLTN_21	RESIDENT	5.01E-03	3.75E-03	4.78E-03	6.85E-03
558006.094160480.12	558006	4160480	558006.094160480.12	558006.09	4160480.12	HLTN_22	RESIDENT	3.80E-03	2.84E-03	3.62E-03	5.19E-03
558006.094160490.12	558006	4160490	558006.094160490.12	558006.09	4160490.12	HLTN_23	RESIDENT	3.96E-03	2.96E-03	3.77E-03	5.41E-03
558006.094160500.12	558006	4160500	558006.094160500.12	558006.09	4160500.12	HLTN_24	RESIDENT	4.13E-03	3.09E-03	3.94E-03	5.65E-03
558006.094160510.12	558006	4160510	558006.094160510.12	558006.09	4160510.12	HLTN_25	RESIDENT	4.31E-03	3.23E-03	4.11E-03	5.89E-03
558006.094160520.12	558006	4160520	558006.094160520.12	558006.09	4160520.12	HLTN_26	RESIDENT	4.49E-03	3.36E-03	4.28E-03	6.14E-03
558006.094160530.12	558006	4160530	558006.094160530.12	558006.09	4160530.12	HLTN_27	RESIDENT	4.68E-03	3.51E-03	4.46E-03	6.40E-03
558006.094160540.12	558006	4160540	558006.094160540.12	558006.09	4160540.12	HLTN_28	RESIDENT	4.88E-03	3.65E-03	4.65E-03	6.67E-03
558006.094160550.12	558006	4160550	558006.094160550.12	558006.09	4160550.12	HLTN_29	RESIDENT	5.08E-03	3.80E-03	4.84E-03	6.94E-03
558006.094160560.12	558006	4160560	558006.094160560.12	558006.09	4160560.12	HLTN_30	RESIDENT	5.28E-03	3.95E-03	5.03E-03	7.22E-03
558006.094160570.12	558006	4160570	558006.094160570.12	558006.09	4160570.12	HLTN_31	RESIDENT	5.48E-03	4.10E-03	5.22E-03	7.49E-03
558016.094160480.12	558016	4160480	558016.094160480.12	558016.09	4160480.12	HLTN_32	RESIDENT	4.03E-03	3.02E-03	3.84E-03	5.51E-03
558016.094160490.12	558016	4160490	558016.094160490.12	558016.09	4160490.12	HLTN_33	RESIDENT	4.22E-03	3.16E-03	4.02E-03	5.76E-03
558016.094160500.12	558016	4160500	558016.094160500.12	558016.09	4160500.12	HLTN_34	RESIDENT	4.41E-03	3.30E-03	4.21E-03	6.03E-03
558016.094160510.12	558016	4160510	558016.094160510.12	558016.09	4160510.12	HLTN_35	RESIDENT	4.62E-03	3.46E-03	4.40E-03	6.32E-03
558016.094160520.12	558016	4160520	558016.094160520.12	558016.09	4160520.12	HLTN_36	RESIDENT	4.83E-03	3.62E-03	4.61E-03	6.61E-03
558016.094160530.12	558016	4160530	558016.094160530.12	558016.09	4160530.12	HLTN_37	RESIDENT	5.06E-03	3.78E-03	4.82E-03	6.91E-03
558016.094160540.12	558016	4160540	558016.094160540.12	558016.09	4160540.12	HLTN_38	RESIDENT	5.28E-03	3.95E-03	5.04E-03	7.22E-03
558016.094160550.12	558016	4160550	558016.094160550.12	558016.09	4160550.12	HLTN_39	RESIDENT	5.52E-03	4.13E-03	5.26E-03	7.55E-03
558016.094160560.12	558016	4160560	558016.094160560.12	558016.09	4160560.12	HLTN_40	RESIDENT	5.77E-03	4.32E-03	5.50E-03	7.88E-03
558016.094160570.12	558016	4160570	558016.094160570.12	558016.09	4160570.12	HLTN_41	RESIDENT	6.01E-03	4.50E-03	5.73E-03	8.22E-03
558026.094160480.12	558026	4160480	558026.094160480.12	558026.09	4160480.12	HLTN_42	RESIDENT	4.28E-03	3.20E-03	4.08E-03	5.85E-03
558026.094160490.12	558026	4160490	558026.094160490.12	558026.09	4160490.12	HLTN_43	RESIDENT	4.49E-03	3.36E-03	4.28E-03	6.14E-03
558026.094160500.12	558026	4160500	558026.094160500.12	558026.09	4160500.12	HLTN_44	RESIDENT	4.71E-03	3.53E-03	4.49E-03	6.44E-03
558026.094160510.12	558026	4160510	558026.094160510.12	558026.09	4160510.12	HLTN_45	RESIDENT	4.94E-03	3.69E-03	4.70E-03	6.75E-03
558026.094160520.12	558026	4160520	558026.094160520.12	558026.09	4160520.12	HLTN_46	RESIDENT	5.19E-03	3.89E-03	4.95E-03	7.10E-03
558026.094160530.12	558026	4160530	558026.094160530.12	558026.09	4160530.12	HLTN_47	RESIDENT	5.45E-03	4.08E-03	5.20E-03	7.46E-03
558026.094160540.12	558026	4160540	558026.094160540.12	558026.09	4160540.12	HLTN_48	RESIDENT	5.72E-03	4.28E-03	5.45E-03	7.82E-03
558026.094160550.12	558026	4160550	558026.094160550.12	558026.09	4160550.12	HLTN_49	RESIDENT	6.01E-03	4.50E-03	5.72E-03	8.21E-03
558026.094160560.12	558026	4160560	558026.094160560.12	558026.09	4160560.12	HLTN_50	RESIDENT	6.30E-03	4.71E-03	6.00E-03	8.61E-03
558026.094160570.12	558026	4160570	558026.094160570.12	558026.09	4160570.12	HLTN_51	RESIDENT	6.60E-03	4.94E-03	6.29E-03	9.02E-03
558036.094160480.12	558036	4160480	558036.094160480.12	558036.09	4160480.12	HLTN_52	RESIDENT	4.52E-03	3.38E-03	4.31E-03	6.18E-03

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

Max Project Chronic HI

								CHRONIC HI			
XY	X	Y	XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558036.094160490.12	558036	4160490	558036.094160490.12	558036.09	4160490.12	HLTN_53	RESIDENT	4.77E-03	3.57E-03	4.54E-03	6.52E-03
558036.094160500.12	558036	4160500	558036.094160500.12	558036.09	4160500.12	HLTN_54	RESIDENT	4.99E-03	3.73E-03	4.75E-03	6.82E-03
558036.094160510.12	558036	4160510	558036.094160510.12	558036.09	4160510.12	HLTN_55	RESIDENT	5.18E-03	3.88E-03	4.94E-03	7.08E-03
558036.094160520.12	558036	4160520	558036.094160520.12	558036.09	4160520.12	HLTN_56	RESIDENT	5.51E-03	4.12E-03	5.25E-03	7.53E-03
558036.094160530.12	558036	4160530	558036.094160530.12	558036.09	4160530.12	HLTN_57	RESIDENT	5.88E-03	4.40E-03	5.60E-03	8.04E-03
558036.094160540.12	558036	4160540	558036.094160540.12	558036.09	4160540.12	HLTN_58	RESIDENT	6.20E-03	4.64E-03	5.90E-03	8.47E-03
558036.094160550.12	558036	4160550	558036.094160550.12	558036.09	4160550.12	HLTN_59	RESIDENT	6.53E-03	4.89E-03	6.22E-03	8.93E-03
558036.094160560.12	558036	4160560	558036.094160560.12	558036.09	4160560.12	HLTN_60	RESIDENT	6.88E-03	5.15E-03	6.56E-03	9.41E-03
558046.094160480.12	558046	4160480	558046.094160480.12	558046.09	4160480.12	HLTN_61	RESIDENT	4.67E-03	3.49E-03	4.45E-03	6.38E-03
558046.094160490.12	558046	4160490	558046.094160490.12	558046.09	4160490.12	HLTN_62	RESIDENT	4.93E-03	3.69E-03	4.70E-03	6.74E-03
558046.094160500.12	558046	4160500	558046.094160500.12	558046.09	4160500.12	HLTN_63	RESIDENT	5.18E-03	3.88E-03	4.94E-03	7.09E-03
558046.094160510.12	558046	4160510	558046.094160510.12	558046.09	4160510.12	HLTN_64	RESIDENT	5.46E-03	4.08E-03	5.20E-03	7.46E-03
558046.094160520.12	558046	4160520	558046.094160520.12	558046.09	4160520.12	HLTN_65	RESIDENT	5.86E-03	4.38E-03	5.58E-03	8.01E-03
558046.094160530.12	558046	4160530	558046.094160530.12	558046.09	4160530.12	HLTN_66	RESIDENT	6.33E-03	4.74E-03	6.03E-03	8.65E-03
558046.094160540.12	558046	4160540	558046.094160540.12	558046.09	4160540.12	HLTN_67	RESIDENT	6.70E-03	5.01E-03	6.38E-03	9.16E-03
558046.094160550.12	558046	4160550	558046.094160550.12	558046.09	4160550.12	HLTN_68	RESIDENT	7.09E-03	5.31E-03	6.76E-03	9.70E-03
558056.094160480.12	558056	4160480	558056.094160480.12	558056.09	4160480.12	HLTN_69	RESIDENT	4.89E-03	3.66E-03	4.66E-03	6.69E-03
558056.094160490.12	558056	4160490	558056.094160490.12	558056.09	4160490.12	HLTN_70	RESIDENT	5.16E-03	3.86E-03	4.92E-03	7.06E-03
558056.094160500.12	558056	4160500	558056.094160500.12	558056.09	4160500.12	HLTN_71	RESIDENT	5.44E-03	4.07E-03	5.18E-03	7.43E-03
558056.094160510.12	558056	4160510	558056.094160510.12	558056.09	4160510.12	HLTN_72	RESIDENT	5.77E-03	4.32E-03	5.50E-03	7.89E-03
558056.094160520.12	558056	4160520	558056.094160520.12	558056.09	4160520.12	HLTN_73	RESIDENT	6.28E-03	4.70E-03	5.98E-03	8.58E-03
558056.094160530.12	558056	4160530	558056.094160530.12	558056.09	4160530.12	HLTN_74	RESIDENT	6.80E-03	5.09E-03	6.48E-03	9.30E-03
558056.094160540.12	558056	4160540	558056.094160540.12	558056.09	4160540.12	HLTN_75	RESIDENT	7.23E-03	5.41E-03	6.89E-03	9.88E-03
558066.094160480.12	558066	4160480	558066.094160480.12	558066.09	4160480.12	HLTN_76	RESIDENT	5.31E-03	3.97E-03	5.06E-03	7.25E-03
558066.094160490.12	558066	4160490	558066.094160490.12	558066.09	4160490.12	HLTN_77	RESIDENT	5.61E-03	4.20E-03	5.35E-03	7.67E-03
558066.094160500.12	558066	4160500	558066.094160500.12	558066.09	4160500.12	HLTN_78	RESIDENT	5.80E-03	4.34E-03	5.53E-03	7.93E-03
558066.094160510.12	558066	4160510	558066.094160510.12	558066.09	4160510.12	HLTN_79	RESIDENT	6.29E-03	4.71E-03	5.99E-03	8.60E-03
558066.094160520.12	558066	4160520	558066.094160520.12	558066.09	4160520.12	HLTN_80	RESIDENT	6.83E-03	5.11E-03	6.50E-03	9.33E-03
558066.094160530.12	558066	4160530	558066.094160530.12	558066.09	4160530.12	HLTN_81	RESIDENT	7.28E-03	5.45E-03	6.94E-03	9.95E-03
558076.094160480.12	558076	4160480	558076.094160480.12	558076.09	4160480.12	HLTN_82	RESIDENT	5.56E-03	4.16E-03	5.30E-03	7.60E-03
558076.094160490.12	558076	4160490	558076.094160490.12	558076.09	4160490.12	HLTN_83	RESIDENT	5.93E-03	4.44E-03	5.65E-03	8.11E-03
558076.094160500.12	558076	4160500	558076.094160500.12	558076.09	4160500.12	HLTN_84	RESIDENT	6.13E-03	4.59E-03	5.84E-03	8.37E-03
558076.094160510.12	558076	4160510	558076.094160510.12	558076.09	4160510.12	HLTN_85	RESIDENT	6.77E-03	5.07E-03	6.45E-03	9.25E-03
558076.094160520.12	558076	4160520	558076.094160520.12	558076.09	4160520.12	HLTN_86	RESIDENT	7.25E-03	5.43E-03	6.91E-03	9.91E-03
558086.094160490.12	558086	4160490	558086.094160490.12	558086.09	4160490.12	HLTN_87	RESIDENT	6.16E-03	4.61E-03	5.87E-03	8.42E-03
558086.094160500.12	558086	4160500	558086.094160500.12	558086.09	4160500.12	HLTN_88	RESIDENT	6.52E-03	4.88E-03	6.21E-03	8.91E-03
558086.094160510.12	558086	4160510	558086.094160510.12	558086.09	4160510.12	HLTN_89	RESIDENT	7.16E-03	5.36E-03	6.82E-03	9.78E-03
558096.094160490.12	558096	4160490	558096.094160490.12	558096.09	4160490.12	HLTN_90	RESIDENT	6.40E-03	4.79E-03	6.10E-03	8.75E-03
558096.094160500.12	558096	4160500	558096.094160500.12	558096.09	4160500.12	HLTN_91	RESIDENT	6.99E-03	5.23E-03	6.66E-03	9.55E-03
558186.784160496.28	558187	4160496	558186.784160496.28	558186.78	4160496.28	WRKR_95	WORKER	8.10E-03	6.06E-03	7.72E-03	1.11E-02
558186.784160506.28	558187	4160506	558186.784160506.28	558186.78	4160506.28	WRKR_96	WORKER	8.89E-03	6.66E-03	8.47E-03	1.22E-02
558196.784160496.28	558197	4160496	558196.784160496.28	558196.78	4160496.28	WRKR_97	WORKER	8.11E-03	6.07E-03	7.72E-03	1.11E-02
558196.784160506.28	558197	4160506	558196.784160506.28	558196.78	4160506.28	WRKR_98	WORKER	8.88E-03	6.64E-03	8.46E-03	1.21E-02
558196.784160516.28	558197	4160516	558196.784160516.28	558196.78	4160516.28	WRKR_99	WORKER	9.86E-03	7.38E-03	9.39E-03	1.35E-02
558196.784160526.28	558197	4160526	558196.784160526.28	558196.78	4160526.28	WRKR_100	WORKER	1.12E-02	8.37E-03	1.07E-02	1.53E-02
558206.784160506.28	558207	4160506	558206.784160506.28	558206.78	4160506.28	WRKR_101	WORKER	8.85E-03	6.63E-03	8.44E-03	1.21E-02
558206.784160516.28	558207	4160516	558206.784160516.28	558206.78	4160516.28	WRKR_102	WORKER	9.87E-03	7.38E-03	9.40E-03	1.35E-02
558206.784160526.28	558207	4160526	558206.784160526.28	558206.78	4160526.28	WRKR_103	WORKER	1.11E-02	8.28E-03	1.05E-02	1.51E-02
558206.784160536.28	558207	4160536	558206.784160536.28	558206.78	4160536.28	WRKR_104	WORKER	1.27E-02	9.47E-03	1.21E-02	1.73E-02
558216.784160516.28	558217	4160516	558216.784160516.28	558216.78	4160516.28	WRKR_105	WORKER	9.79E-03	7.33E-03	9.33E-03	1.34E-02
558216.784160526.28	558217	4160526	558216.784160526.28	558216.78	4160526.28	WRKR_106	WORKER	1.10E-02	8.20E-03	1.04E-02	1.50E-02
558216.784160536.28	558217	4160536	558216.784160536.28	558216.78	4160536.28	WRKR_107	WORKER	1.24E-02	9.27E-03	1.18E-02	1.69E-02
558216.784160546.28	558217	4160546	558216.784160546.28	558216.78	4160546.28	WRKR_108	WORKER	1.42E-02	1.06E-02	1.35E-02	1.94E-02
558226.784160526.28	558227	4160526	558226.784160526.28	558226.78	4160526.28	WRKR_109	WORKER	1.08E-02	8.08E-03	1.03E-02	1.48E-02
558226.784160536.28	558227	4160536	558226.784160536.28	558226.78	4160536.28	WRKR_110	WORKER	1.22E-02	9.16E-03	1.17E-02	1.67E-02
558226.784160546.28	558227	4160546	558226.784160546.28	558226.78	4160546.28	WRKR_111	WORKER	1.40E-02	1.05E-02	1.34E-02	1.92E-02
558236.784160536.28	558237	4160536	558236.784160536.28	558236.78	4160536.28	WRKR_112	WORKER	1.19E-02	8.92E-03	1.14E-02	1.63E-02
558115.174160402.59	558115	4160403	558115.174160402.59	558115.17	4160402.59	WRKR_113	WORKER	3.75E-03	2.80E-03	3.57E-03	5.12E-03
558115.174160412.59	558115	4160413	558115.174160412.59	558115.17	4160412.59	WRKR_114	WORKER	4.00E-03	2.99E-03	3.81E-03	5.47E-03
558115.174160422.59	558115	4160423	558115.174160422.59	558115.17	4160422.59	WRKR_115	WORKER	4.28E-03	3.20E-03	4.07E-03	5.84E-03
558115.174160432.59	558115	4160433	558115.174160432.59	558115.17	4160432.59	WRKR_116	WORKER	4.58E-03	3.42E-03	4.36E-03	6.25E-03
558115.174160442.59	558115	4160443	558115.174160442.59	558115.17	4160442.59	WRKR_117	WORKER	4.91E-03	3.67E-03	4.67E-03	6.70E-03
558125.174160392.59	558125	4160393	558125.174160392.59	558125.17	4160392.59	WRKR_118	WORKER	3.55E-03	2.65E-03	3.38E-03	4.85E-03
558125.174160402.59	558125	4160403	558125.174160402.59	558125.17	4160402.59	WRKR_119	WORKER	3.79E-03	2.83E-03	3.61E-03	5.18E-03
558125.174160412.59	558125	4160413	558125.174160412.59	558125.17	4160412.59	WRKR_120	WORKER	4.05E-03	3.03E-03	3.86E-03	5.53E-03
558125.174160422.59	558125	4160423	558125.174160422.59	558125.17	4160422.59	WRKR_121	WORKER	4.34E-03	3.24E-03	4.13E-03	5.93E-03
558125.174160432.59	558125	4160433	558125.174160432.59	558125.17	4160432.59	WRKR_122	WORKER	4.65E-03	3.48E-03	4.43E-03	6.36E-03
558125.174160442.59	558125	4160443	558125.174160442.59	558125.17	4160442.59	WRKR_123	WORKER	5.00E-03	3.74E-03	4.76E-03	6.83E-03
558135.174160372.59	558135	4160373	558135.174160372.59	558135.17	4160372.59	WRKR_124	WORKER	3.14E-03	2.35E-03	2.99E-03	4.29E-03
558135.174160382.59	558135	4160383	558135.174160382.59	558135.17	4160382.59	WRKR_125	WORKER	3.34E-03	2.50E-03	3.18E-03	4.57E-03
558135.174160392.59	558135	4160393	558135.174160392.59	558135.17	4160392.59	WRKR_126	WORKER	3.57E-03	2.67E-03	3.40E-03	4.87E-03
558135.174160402.59	558135	4160403	558135.174160402.59	558135.17	4160402.59	WRKR_127	WORKER	3.81E-03	2.85E-03	3.63E-03	5.21E-03
558135.174160412.59	558135	4160413	558135.174160412.59	558135.17	4160412.59	WRKR_128	WORKER	4.08E-03	3.06E-03	3.89E-03	5.58E-03

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

Max Project Chronic HI

								CHRONIC HI			
XY	X	Y	XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558135.174160422.59	558135	4160423	558135.174160422.59	558135.17	4160422.59	WRKR_129	WORKER	4.38E-03	3.28E-03	4.17E-03	5.98E-03
558135.174160432.59	558135	4160433	558135.174160432.59	558135.17	4160432.59	WRKR_130	WORKER	4.71E-03	3.52E-03	4.48E-03	6.43E-03
558135.174160442.59	558135	4160443	558135.174160442.59	558135.17	4160442.59	WRKR_131	WORKER	5.07E-03	3.79E-03	4.83E-03	6.92E-03
558145.174160372.59	558145	4160373	558145.174160372.59	558145.17	4160372.59	WRKR_132	WORKER	3.14E-03	2.35E-03	2.99E-03	4.29E-03
558145.174160382.59	558145	4160383	558145.174160382.59	558145.17	4160382.59	WRKR_133	WORKER	3.34E-03	2.50E-03	3.19E-03	4.57E-03
558145.174160392.59	558145	4160393	558145.174160392.59	558145.17	4160392.59	WRKR_134	WORKER	3.57E-03	2.67E-03	3.40E-03	4.88E-03
558145.174160402.59	558145	4160403	558145.174160402.59	558145.17	4160402.59	WRKR_135	WORKER	3.82E-03	2.86E-03	3.64E-03	5.23E-03
558145.174160412.59	558145	4160413	558145.174160412.59	558145.17	4160412.59	WRKR_136	WORKER	4.10E-03	3.07E-03	3.91E-03	5.60E-03
558145.174160422.59	558145	4160423	558145.174160422.59	558145.17	4160422.59	WRKR_137	WORKER	4.40E-03	3.30E-03	4.20E-03	6.02E-03
558145.174160432.59	558145	4160433	558145.174160432.59	558145.17	4160432.59	WRKR_138	WORKER	4.74E-03	3.55E-03	4.52E-03	6.48E-03
558145.174160442.59	558145	4160443	558145.174160442.59	558145.17	4160442.59	WRKR_139	WORKER	5.11E-03	3.83E-03	4.87E-03	6.99E-03
558155.174160372.59	558155	4160373	558155.174160372.59	558155.17	4160372.59	WRKR_140	WORKER	3.12E-03	2.34E-03	2.98E-03	4.27E-03
558155.174160382.59	558155	4160383	558155.174160382.59	558155.17	4160382.59	WRKR_141	WORKER	3.33E-03	2.50E-03	3.18E-03	4.56E-03
558155.174160392.59	558155	4160393	558155.174160392.59	558155.17	4160392.59	WRKR_142	WORKER	3.57E-03	2.67E-03	3.40E-03	4.87E-03
558155.174160402.59	558155	4160403	558155.174160402.59	558155.17	4160402.59	WRKR_143	WORKER	3.82E-03	2.86E-03	3.64E-03	5.22E-03
558155.174160412.59	558155	4160413	558155.174160412.59	558155.17	4160412.59	WRKR_144	WORKER	4.10E-03	3.07E-03	3.91E-03	5.61E-03
558155.174160422.59	558155	4160423	558155.174160422.59	558155.17	4160422.59	WRKR_145	WORKER	4.41E-03	3.30E-03	4.20E-03	6.03E-03
558155.174160432.59	558155	4160433	558155.174160432.59	558155.17	4160432.59	WRKR_146	WORKER	4.76E-03	3.56E-03	4.53E-03	6.50E-03
558155.174160442.59	558155	4160443	558155.174160442.59	558155.17	4160442.59	WRKR_147	WORKER	5.14E-03	3.85E-03	4.90E-03	7.02E-03
558165.174160362.59	558165	4160363	558165.174160362.59	558165.17	4160362.59	WRKR_148	WORKER	2.91E-03	2.18E-03	2.77E-03	3.97E-03
558165.174160372.59	558165	4160373	558165.174160372.59	558165.17	4160372.59	WRKR_149	WORKER	3.10E-03	2.32E-03	2.95E-03	4.24E-03
558165.174160382.59	558165	4160383	558165.174160382.59	558165.17	4160382.59	WRKR_150	WORKER	3.31E-03	2.48E-03	3.16E-03	4.53E-03
558165.174160392.59	558165	4160393	558165.174160392.59	558165.17	4160392.59	WRKR_151	WORKER	3.55E-03	2.65E-03	3.38E-03	4.85E-03
558165.174160402.59	558165	4160403	558165.174160402.59	558165.17	4160402.59	WRKR_152	WORKER	3.80E-03	2.85E-03	3.62E-03	5.20E-03
558165.174160412.59	558165	4160413	558165.174160412.59	558165.17	4160412.59	WRKR_153	WORKER	4.09E-03	3.06E-03	3.89E-03	5.58E-03
558165.174160422.59	558165	4160423	558165.174160422.59	558165.17	4160422.59	WRKR_154	WORKER	4.40E-03	3.29E-03	4.19E-03	6.01E-03
558165.174160432.59	558165	4160433	558165.174160432.59	558165.17	4160432.59	WRKR_155	WORKER	4.75E-03	3.55E-03	4.53E-03	6.49E-03
558175.174160362.59	558175	4160363	558175.174160362.59	558175.17	4160362.59	WRKR_156	WORKER	2.88E-03	2.15E-03	2.74E-03	3.93E-03
558175.174160372.59	558175	4160373	558175.174160372.59	558175.17	4160372.59	WRKR_157	WORKER	3.07E-03	2.30E-03	2.92E-03	4.19E-03
558175.174160382.59	558175	4160383	558175.174160382.59	558175.17	4160382.59	WRKR_158	WORKER	3.28E-03	2.45E-03	3.12E-03	4.48E-03
558175.174160392.59	558175	4160393	558175.174160392.59	558175.17	4160392.59	WRKR_159	WORKER	3.51E-03	2.63E-03	3.35E-03	4.80E-03
558175.174160402.59	558175	4160403	558175.174160402.59	558175.17	4160402.59	WRKR_160	WORKER	3.77E-03	2.82E-03	3.59E-03	5.15E-03
558175.174160412.59	558175	4160413	558175.174160412.59	558175.17	4160412.59	WRKR_161	WORKER	4.05E-03	3.03E-03	3.86E-03	5.54E-03
558175.174160422.59	558175	4160423	558175.174160422.59	558175.17	4160422.59	WRKR_162	WORKER	4.37E-03	3.27E-03	4.16E-03	5.97E-03
558185.174160362.59	558185	4160363	558185.174160362.59	558185.17	4160362.59	WRKR_163	WORKER	2.84E-03	2.12E-03	2.70E-03	3.88E-03
558185.174160372.59	558185	4160373	558185.174160372.59	558185.17	4160372.59	WRKR_164	WORKER	3.02E-03	2.26E-03	2.88E-03	4.13E-03
558185.174160382.59	558185	4160383	558185.174160382.59	558185.17	4160382.59	WRKR_165	WORKER	3.23E-03	2.42E-03	3.08E-03	4.42E-03
558185.174160392.59	558185	4160393	558185.174160392.59	558185.17	4160392.59	WRKR_166	WORKER	3.47E-03	2.59E-03	3.30E-03	4.74E-03
558185.174160402.59	558185	4160403	558185.174160402.59	558185.17	4160402.59	WRKR_167	WORKER	3.72E-03	2.79E-03	3.55E-03	5.09E-03
558185.174160412.59	558185	4160413	558185.174160412.59	558185.17	4160412.59	WRKR_168	WORKER	4.00E-03	3.00E-03	3.82E-03	5.47E-03
558185.174160422.59	558185	4160423	558185.174160422.59	558185.17	4160422.59	WRKR_169	WORKER	4.32E-03	3.23E-03	4.12E-03	5.90E-03
558185.174160432.59	558185	4160433	558185.174160432.59	558185.17	4160432.59	WRKR_170	WORKER	4.67E-03	3.49E-03	4.45E-03	6.38E-03
558185.174160442.59	558185	4160443	558185.174160442.59	558185.17	4160442.59	WRKR_171	WORKER	5.06E-03	3.79E-03	4.82E-03	6.91E-03
558195.174160362.59	558195	4160363	558195.174160362.59	558195.17	4160362.59	WRKR_172	WORKER	2.79E-03	2.09E-03	2.66E-03	3.81E-03
558195.174160372.59	558195	4160373	558195.174160372.59	558195.17	4160372.59	WRKR_173	WORKER	2.97E-03	2.23E-03	2.83E-03	4.07E-03
558195.174160382.59	558195	4160383	558195.174160382.59	558195.17	4160382.59	WRKR_174	WORKER	3.18E-03	2.38E-03	3.03E-03	4.35E-03
558195.174160392.59	558195	4160393	558195.174160392.59	558195.17	4160392.59	WRKR_175	WORKER	3.41E-03	2.55E-03	3.25E-03	4.66E-03
558195.174160402.59	558195	4160403	558195.174160402.59	558195.17	4160402.59	WRKR_176	WORKER	3.66E-03	2.74E-03	3.49E-03	5.01E-03
558195.174160412.59	558195	4160413	558195.174160412.59	558195.17	4160412.59	WRKR_177	WORKER	3.94E-03	2.95E-03	3.76E-03	5.39E-03
558195.174160422.59	558195	4160423	558195.174160422.59	558195.17	4160422.59	WRKR_178	WORKER	4.25E-03	3.18E-03	4.05E-03	5.81E-03
558195.174160432.59	558195	4160433	558195.174160432.59	558195.17	4160432.59	WRKR_179	WORKER	4.60E-03	3.44E-03	4.38E-03	6.29E-03
558195.174160442.59	558195	4160443	558195.174160442.59	558195.17	4160442.59	WRKR_180	WORKER	4.98E-03	3.73E-03	4.74E-03	6.81E-03
558195.174160452.59	558195	4160453	558195.174160452.59	558195.17	4160452.59	WRKR_181	WORKER	5.39E-03	4.04E-03	5.14E-03	7.37E-03
558205.174160362.59	558205	4160363	558205.174160362.59	558205.17	4160362.59	WRKR_182	WORKER	2.74E-03	2.05E-03	2.61E-03	3.74E-03
558205.174160372.59	558205	4160373	558205.174160372.59	558205.17	4160372.59	WRKR_183	WORKER	2.92E-03	2.18E-03	2.78E-03	3.99E-03
558205.174160382.59	558205	4160383	558205.174160382.59	558205.17	4160382.59	WRKR_184	WORKER	3.12E-03	2.34E-03	2.97E-03	4.27E-03
558205.174160392.59	558205	4160393	558205.174160392.59	558205.17	4160392.59	WRKR_185	WORKER	3.35E-03	2.50E-03	3.19E-03	4.57E-03
558205.174160402.59	558205	4160403	558205.174160402.59	558205.17	4160402.59	WRKR_186	WORKER	3.60E-03	2.69E-03	3.43E-03	4.91E-03
558205.174160412.59	558205	4160413	558205.174160412.59	558205.17	4160412.59	WRKR_187	WORKER	3.87E-03	2.90E-03	3.69E-03	5.29E-03
558205.174160422.59	558205	4160423	558205.174160422.59	558205.17	4160422.59	WRKR_188	WORKER	4.18E-03	3.13E-03	3.98E-03	5.71E-03
558205.174160432.59	558205	4160433	558205.174160432.59	558205.17	4160432.59	WRKR_189	WORKER	4.51E-03	3.38E-03	4.30E-03	6.17E-03
558205.174160442.59	558205	4160443	558205.174160442.59	558205.17	4160442.59	WRKR_190	WORKER	4.89E-03	3.66E-03	4.66E-03	6.69E-03
558205.174160452.59	558205	4160453	558205.174160452.59	558205.17	4160452.59	WRKR_191	WORKER	5.31E-03	3.97E-03	5.06E-03	7.25E-03
558205.174160462.59	558205	4160463	558205.174160462.59	558205.17	4160462.59	WRKR_192	WORKER	5.78E-03	4.32E-03	5.50E-03	7.90E-03
558215.174160362.59	558215	4160363	558215.174160362.59	558215.17	4160362.59	WRKR_193	WORKER	2.68E-03	2.00E-03	2.55E-03	3.66E-03
558215.174160372.59	558215	4160373	558215.174160372.59	558215.17	4160372.59	WRKR_194	WORKER	2.86E-03	2.14E-03	2.72E-03	3.91E-03
558215.174160382.59	558215	4160383	558215.174160382.59	558215.17	4160382.59	WRKR_195	WORKER	3.06E-03	2.29E-03	2.91E-03	4.18E-03
558215.174160392.59	558215	4160393	558215.174160392.59	558215.17	4160392.59	WRKR_196	WORKER	3.27E-03	2.45E-03	3.12E-03	4.48E-03
558215.174160402.59	558215	4160403	558215.174160402.59	558215.17	4160402.59	WRKR_197	WORKER	3.52E-03	2.63E-03	3.35E-03	4.81E-03
558215.174160412.59	558215	4160413	558215.174160412.59	558215.17	4160412.59	WRKR_198	WORKER	3.79E-03	2.83E-03	3.61E-03	5.18E-03
558215.174160422.59	558215	4160423	558215.174160422.59	558215.17	4160422.59	WRKR_199	WORKER	4.08E-03	3.05E-03	3.89E-03	5.58E-03
558215.174160432.59	558215	4160433	558215.174160432.59	558215.17	4160432.59	WRKR_200	WORKER	4.41E-03	3.30E-03	4.21E-03	6.03E-03
558215.174160442.59	558215	4160443	558215.174160442.59	558215.17	4160442.59	WRKR_201	WORKER	4.79E-03	3.58E-03	4.56E-03	6.55E-03

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

Max Project Chronic HI

								CHRONIC HI			
XY	X	Y	XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558215.174160452.59	558215	4160453	558215.174160452.59	558215.17	4160452.59	WRKR_202	WORKER	5.21E-03	3.90E-03	4.97E-03	7.12E-03
558215.174160462.59	558215	4160463	558215.174160462.59	558215.17	4160462.59	WRKR_203	WORKER	5.66E-03	4.24E-03	5.39E-03	7.74E-03
558215.174160472.59	558215	4160473	558215.174160472.59	558215.17	4160472.59	WRKR_204	WORKER	6.19E-03	4.63E-03	5.90E-03	8.46E-03
558225.174160362.59	558225	4160363	558225.174160362.59	558225.17	4160362.59	WRKR_205	WORKER	2.62E-03	1.96E-03	2.49E-03	3.57E-03
558225.174160372.59	558225	4160373	558225.174160372.59	558225.17	4160372.59	WRKR_206	WORKER	2.79E-03	2.09E-03	2.66E-03	3.82E-03
558225.174160382.59	558225	4160383	558225.174160382.59	558225.17	4160382.59	WRKR_207	WORKER	2.99E-03	2.24E-03	2.85E-03	4.08E-03
558225.174160392.59	558225	4160393	558225.174160392.59	558225.17	4160392.59	WRKR_208	WORKER	3.20E-03	2.39E-03	3.05E-03	4.37E-03
558225.174160402.59	558225	4160403	558225.174160402.59	558225.17	4160402.59	WRKR_209	WORKER	3.43E-03	2.57E-03	3.27E-03	4.69E-03
558225.174160412.59	558225	4160413	558225.174160412.59	558225.17	4160412.59	WRKR_210	WORKER	3.69E-03	2.76E-03	3.52E-03	5.05E-03
558225.174160422.59	558225	4160423	558225.174160422.59	558225.17	4160422.59	WRKR_211	WORKER	3.98E-03	2.98E-03	3.79E-03	5.44E-03
558225.174160432.59	558225	4160433	558225.174160432.59	558225.17	4160432.59	WRKR_212	WORKER	4.31E-03	3.22E-03	4.10E-03	5.89E-03
558225.174160442.59	558225	4160443	558225.174160442.59	558225.17	4160442.59	WRKR_213	WORKER	4.67E-03	3.50E-03	4.45E-03	6.38E-03
558225.174160452.59	558225	4160453	558225.174160452.59	558225.17	4160452.59	WRKR_214	WORKER	5.08E-03	3.80E-03	4.84E-03	6.94E-03
558225.174160462.59	558225	4160463	558225.174160462.59	558225.17	4160462.59	WRKR_215	WORKER	5.54E-03	4.15E-03	5.28E-03	7.58E-03
558225.174160472.59	558225	4160473	558225.174160472.59	558225.17	4160472.59	WRKR_216	WORKER	6.05E-03	4.53E-03	5.77E-03	8.28E-03
558225.174160482.59	558225	4160483	558225.174160482.59	558225.17	4160482.59	WRKR_217	WORKER	6.64E-03	4.97E-03	6.33E-03	9.07E-03
558235.174160362.59	558235	4160363	558235.174160362.59	558235.17	4160362.59	WRKR_218	WORKER	2.55E-03	1.91E-03	2.43E-03	3.49E-03
558235.174160372.59	558235	4160373	558235.174160372.59	558235.17	4160372.59	WRKR_219	WORKER	2.72E-03	2.04E-03	2.59E-03	3.72E-03
558235.174160382.59	558235	4160383	558235.174160382.59	558235.17	4160382.59	WRKR_220	WORKER	2.91E-03	2.18E-03	2.77E-03	3.98E-03
558235.174160392.59	558235	4160393	558235.174160392.59	558235.17	4160392.59	WRKR_221	WORKER	3.12E-03	2.33E-03	2.97E-03	4.26E-03
558235.174160402.59	558235	4160403	558235.174160402.59	558235.17	4160402.59	WRKR_222	WORKER	3.35E-03	2.51E-03	3.19E-03	4.57E-03
558235.174160412.59	558235	4160413	558235.174160412.59	558235.17	4160412.59	WRKR_223	WORKER	3.60E-03	2.69E-03	3.43E-03	4.92E-03
558235.174160422.59	558235	4160423	558235.174160422.59	558235.17	4160422.59	WRKR_224	WORKER	3.88E-03	2.90E-03	3.70E-03	5.30E-03
558235.174160432.59	558235	4160433	558235.174160432.59	558235.17	4160432.59	WRKR_225	WORKER	4.19E-03	3.14E-03	4.00E-03	5.73E-03
558235.174160442.59	558235	4160443	558235.174160442.59	558235.17	4160442.59	WRKR_226	WORKER	4.54E-03	3.40E-03	4.33E-03	6.21E-03
558235.174160452.59	558235	4160453	558235.174160452.59	558235.17	4160452.59	WRKR_227	WORKER	4.94E-03	3.70E-03	4.71E-03	6.75E-03
558235.174160462.59	558235	4160463	558235.174160462.59	558235.17	4160462.59	WRKR_228	WORKER	5.40E-03	4.04E-03	5.14E-03	7.37E-03
558235.174160472.59	558235	4160473	558235.174160472.59	558235.17	4160472.59	WRKR_229	WORKER	5.91E-03	4.43E-03	5.63E-03	8.08E-03
558235.174160482.59	558235	4160483	558235.174160482.59	558235.17	4160482.59	WRKR_230	WORKER	6.48E-03	4.85E-03	6.18E-03	8.86E-03
558235.174160492.59	558235	4160493	558235.174160492.59	558235.17	4160492.59	WRKR_231	WORKER	7.13E-03	5.33E-03	6.79E-03	9.74E-03
558245.174160362.59	558245	4160363	558245.174160362.59	558245.17	4160362.59	WRKR_232	WORKER	2.48E-03	1.86E-03	2.37E-03	3.40E-03
558245.174160372.59	558245	4160373	558245.174160372.59	558245.17	4160372.59	WRKR_233	WORKER	2.65E-03	1.98E-03	2.53E-03	3.62E-03
558245.174160382.59	558245	4160383	558245.174160382.59	558245.17	4160382.59	WRKR_234	WORKER	2.83E-03	2.12E-03	2.70E-03	3.87E-03
558245.174160392.59	558245	4160393	558245.174160392.59	558245.17	4160392.59	WRKR_235	WORKER	3.03E-03	2.27E-03	2.89E-03	4.15E-03
558245.174160402.59	558245	4160403	558245.174160402.59	558245.17	4160402.59	WRKR_236	WORKER	3.26E-03	2.44E-03	3.10E-03	4.45E-03
558245.174160412.59	558245	4160413	558245.174160412.59	558245.17	4160412.59	WRKR_237	WORKER	3.50E-03	2.62E-03	3.34E-03	4.78E-03
558245.174160422.59	558245	4160423	558245.174160422.59	558245.17	4160422.59	WRKR_238	WORKER	3.77E-03	2.82E-03	3.59E-03	5.16E-03
558245.174160432.59	558245	4160433	558245.174160432.59	558245.17	4160432.59	WRKR_239	WORKER	4.07E-03	3.05E-03	3.88E-03	5.57E-03
558245.174160442.59	558245	4160443	558245.174160442.59	558245.17	4160442.59	WRKR_240	WORKER	4.42E-03	3.30E-03	4.21E-03	6.03E-03
558245.174160452.59	558245	4160453	558245.174160452.59	558245.17	4160452.59	WRKR_241	WORKER	4.80E-03	3.59E-03	4.58E-03	6.56E-03
558245.174160462.59	558245	4160463	558245.174160462.59	558245.17	4160462.59	WRKR_242	WORKER	5.24E-03	3.92E-03	5.00E-03	7.17E-03
558245.174160472.59	558245	4160473	558245.174160472.59	558245.17	4160472.59	WRKR_243	WORKER	5.74E-03	4.29E-03	5.47E-03	7.84E-03
558245.174160482.59	558245	4160483	558245.174160482.59	558245.17	4160482.59	WRKR_244	WORKER	6.31E-03	4.72E-03	6.01E-03	8.62E-03
558245.174160492.59	558245	4160493	558245.174160492.59	558245.17	4160492.59	WRKR_245	WORKER	6.95E-03	5.20E-03	6.62E-03	9.50E-03
558245.174160502.59	558245	4160503	558245.174160502.59	558245.17	4160502.59	WRKR_246	WORKER	7.68E-03	5.74E-03	7.31E-03	1.05E-02
558255.174160362.59	558255	4160363	558255.174160362.59	558255.17	4160362.59	WRKR_247	WORKER	2.42E-03	1.81E-03	2.30E-03	3.30E-03
558255.174160372.59	558255	4160373	558255.174160372.59	558255.17	4160372.59	WRKR_248	WORKER	2.58E-03	1.93E-03	2.45E-03	3.52E-03
558255.174160382.59	558255	4160383	558255.174160382.59	558255.17	4160382.59	WRKR_249	WORKER	2.75E-03	2.06E-03	2.62E-03	3.76E-03
558255.174160392.59	558255	4160393	558255.174160392.59	558255.17	4160392.59	WRKR_250	WORKER	2.95E-03	2.21E-03	2.81E-03	4.03E-03
558255.174160402.59	558255	4160403	558255.174160402.59	558255.17	4160402.59	WRKR_251	WORKER	3.16E-03	2.37E-03	3.01E-03	4.32E-03
558255.174160412.59	558255	4160413	558255.174160412.59	558255.17	4160412.59	WRKR_252	WORKER	3.40E-03	2.55E-03	3.24E-03	4.65E-03
558255.174160422.59	558255	4160423	558255.174160422.59	558255.17	4160422.59	WRKR_253	WORKER	3.66E-03	2.74E-03	3.49E-03	5.01E-03
558255.174160432.59	558255	4160433	558255.174160432.59	558255.17	4160432.59	WRKR_254	WORKER	3.96E-03	2.96E-03	3.77E-03	5.41E-03
558255.174160442.59	558255	4160443	558255.174160442.59	558255.17	4160442.59	WRKR_255	WORKER	4.29E-03	3.21E-03	4.09E-03	5.86E-03
558255.174160452.59	558255	4160453	558255.174160452.59	558255.17	4160452.59	WRKR_256	WORKER	4.66E-03	3.49E-03	4.44E-03	6.37E-03
558255.174160462.59	558255	4160463	558255.174160462.59	558255.17	4160462.59	WRKR_257	WORKER	5.08E-03	3.81E-03	4.84E-03	6.95E-03
558255.174160472.59	558255	4160473	558255.174160472.59	558255.17	4160472.59	WRKR_258	WORKER	5.57E-03	4.17E-03	5.30E-03	7.61E-03
558255.174160482.59	558255	4160483	558255.174160482.59	558255.17	4160482.59	WRKR_259	WORKER	6.12E-03	4.58E-03	5.83E-03	8.37E-03
558255.174160492.59	558255	4160493	558255.174160492.59	558255.17	4160492.59	WRKR_260	WORKER	6.77E-03	5.07E-03	6.45E-03	9.25E-03
558255.174160502.59	558255	4160503	558255.174160502.59	558255.17	4160502.59	WRKR_261	WORKER	7.48E-03	5.60E-03	7.13E-03	1.02E-02
558255.174160512.59	558255	4160513	558255.174160512.59	558255.17	4160512.59	WRKR_262	WORKER	8.31E-03	6.22E-03	7.92E-03	1.14E-02
558265.174160362.59	558265	4160363	558265.174160362.59	558265.17	4160362.59	WRKR_263	WORKER	2.34E-03	1.76E-03	2.23E-03	3.21E-03
558265.174160372.59	558265	4160373	558265.174160372.59	558265.17	4160372.59	WRKR_264	WORKER	2.50E-03	1.87E-03	2.38E-03	3.42E-03
558265.174160382.59	558265	4160383	558265.174160382.59	558265.17	4160382.59	WRKR_265	WORKER	2.67E-03	2.00E-03	2.55E-03	3.65E-03
558265.174160392.59	558265	4160393	558265.174160392.59	558265.17	4160392.59	WRKR_266	WORKER	2.86E-03	2.14E-03	2.72E-03	3.91E-03
558265.174160402.59	558265	4160403	558265.174160402.59	558265.17	4160402.59	WRKR_267	WORKER	3.07E-03	2.30E-03	2.92E-03	4.19E-03
558265.174160412.59	558265	4160413	558265.174160412.59	558265.17	4160412.59	WRKR_268	WORKER	3.30E-03	2.47E-03	3.14E-03	4.51E-03
558265.174160422.59	558265	4160423	558265.174160422.59	558265.17	4160422.59	WRKR_269	WORKER	3.55E-03	2.66E-03	3.38E-03	4.86E-03
558265.174160432.59	558265	4160433	558265.174160432.59	558265.17	4160432.59	WRKR_270	WORKER	3.84E-03	2.87E-03	3.66E-03	5.25E-03
558265.174160442.59	558265	4160443	558265.174160442.59	558265.17	4160442.59	WRKR_271	WORKER	4.16E-03	3.11E-03	3.97E-03	5.69E-03
558265.174160452.59	558265	4160453	558265.174160452.59	558265.17	4160452.59	WRKR_272	WORKER	4.52E-03	3.38E-03	4.31E-03	6.18E-03
558265.174160462.59	558265	4160463	558265.174160462.59	558265.17	4160462.59	WRKR_273	WORKER	4.93E-03	3.69E-03	4.69E-03	6.73E-03
558265.174160472.59	558265	4160473	558265.174160472.59	558265.17	4160472.59	WRKR_274	WORKER	5.40E-03	4.04E-03	5.14E-03	7.38E-03

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

Max Project Chronic HI

								CHRONIC HI			
XY	X	Y	XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558265.174160482.59	558265	4160483	558265.174160482.59	558265.17	4160482.59	WRKR_275	WORKER	5.94E-03	4.45E-03	5.66E-03	8.12E-03
558265.174160492.59	558265	4160493	558265.174160492.59	558265.17	4160492.59	WRKR_276	WORKER	6.57E-03	4.92E-03	6.26E-03	8.98E-03
558265.174160502.59	558265	4160503	558265.174160502.59	558265.17	4160502.59	WRKR_277	WORKER	7.31E-03	5.47E-03	6.97E-03	9.99E-03
558265.174160512.59	558265	4160513	558265.174160512.59	558265.17	4160512.59	WRKR_278	WORKER	8.14E-03	6.09E-03	7.75E-03	1.11E-02
558265.174160522.59	558265	4160523	558265.174160522.59	558265.17	4160522.59	WRKR_279	WORKER	9.12E-03	6.83E-03	8.69E-03	1.25E-02
558275.174160362.59	558275	4160363	558275.174160362.59	558275.17	4160362.59	WRKR_280	WORKER	2.27E-03	1.70E-03	2.17E-03	3.11E-03
558275.174160372.59	558275	4160373	558275.174160372.59	558275.17	4160372.59	WRKR_281	WORKER	2.42E-03	1.81E-03	2.31E-03	3.31E-03
558275.174160382.59	558275	4160383	558275.174160382.59	558275.17	4160382.59	WRKR_282	WORKER	2.59E-03	1.94E-03	2.47E-03	3.54E-03
558275.174160392.59	558275	4160393	558275.174160392.59	558275.17	4160392.59	WRKR_283	WORKER	2.77E-03	2.07E-03	2.64E-03	3.79E-03
558275.174160402.59	558275	4160403	558275.174160402.59	558275.17	4160402.59	WRKR_284	WORKER	2.97E-03	2.22E-03	2.83E-03	4.06E-03
558275.174160412.59	558275	4160413	558275.174160412.59	558275.17	4160412.59	WRKR_285	WORKER	3.19E-03	2.39E-03	3.04E-03	4.37E-03
558275.174160422.59	558275	4160423	558275.174160422.59	558275.17	4160422.59	WRKR_286	WORKER	3.44E-03	2.58E-03	3.28E-03	4.70E-03
558275.174160432.59	558275	4160433	558275.174160432.59	558275.17	4160432.59	WRKR_287	WORKER	3.72E-03	2.78E-03	3.55E-03	5.08E-03
558275.174160442.59	558275	4160443	558275.174160442.59	558275.17	4160442.59	WRKR_288	WORKER	4.03E-03	3.02E-03	3.84E-03	5.51E-03
558275.174160452.59	558275	4160453	558275.174160452.59	558275.17	4160452.59	WRKR_289	WORKER	4.38E-03	3.28E-03	4.17E-03	5.99E-03
558275.174160462.59	558275	4160463	558275.174160462.59	558275.17	4160462.59	WRKR_290	WORKER	4.78E-03	3.58E-03	4.55E-03	6.53E-03
558275.174160472.59	558275	4160473	558275.174160472.59	558275.17	4160472.59	WRKR_291	WORKER	5.24E-03	3.92E-03	5.00E-03	7.17E-03
558275.174160482.59	558275	4160483	558275.174160482.59	558275.17	4160482.59	WRKR_292	WORKER	5.77E-03	4.32E-03	5.50E-03	7.89E-03
558275.174160492.59	558275	4160493	558275.174160492.59	558275.17	4160492.59	WRKR_293	WORKER	6.38E-03	4.78E-03	6.08E-03	8.73E-03
558275.174160502.59	558275	4160503	558275.174160502.59	558275.17	4160502.59	WRKR_294	WORKER	7.11E-03	5.32E-03	6.78E-03	9.72E-03
558275.174160512.59	558275	4160513	558275.174160512.59	558275.17	4160512.59	WRKR_295	WORKER	7.99E-03	5.98E-03	7.61E-03	1.09E-02
558275.174160522.59	558275	4160523	558275.174160522.59	558275.17	4160522.59	WRKR_296	WORKER	9.00E-03	6.73E-03	8.57E-03	1.23E-02
558275.174160532.59	558275	4160533	558275.174160532.59	558275.17	4160532.59	WRKR_297	WORKER	1.02E-02	7.63E-03	9.71E-03	1.39E-02
558285.174160362.59	558285	4160363	558285.174160362.59	558285.17	4160362.59	WRKR_298	WORKER	2.20E-03	1.65E-03	2.10E-03	3.01E-03
558285.174160372.59	558285	4160373	558285.174160372.59	558285.17	4160372.59	WRKR_299	WORKER	2.35E-03	1.76E-03	2.24E-03	3.21E-03
558285.174160382.59	558285	4160383	558285.174160382.59	558285.17	4160382.59	WRKR_300	WORKER	2.51E-03	1.88E-03	2.39E-03	3.43E-03
558285.174160392.59	558285	4160393	558285.174160392.59	558285.17	4160392.59	WRKR_301	WORKER	2.68E-03	2.01E-03	2.56E-03	3.67E-03
558285.174160402.59	558285	4160403	558285.174160402.59	558285.17	4160402.59	WRKR_302	WORKER	2.88E-03	2.15E-03	2.74E-03	3.93E-03
558285.174160412.59	558285	4160413	558285.174160412.59	558285.17	4160412.59	WRKR_303	WORKER	3.09E-03	2.31E-03	2.95E-03	4.23E-03
558285.174160422.59	558285	4160423	558285.174160422.59	558285.17	4160422.59	WRKR_304	WORKER	3.33E-03	2.50E-03	3.18E-03	4.56E-03
558285.174160432.59	558285	4160433	558285.174160432.59	558285.17	4160432.59	WRKR_305	WORKER	3.60E-03	2.70E-03	3.43E-03	4.92E-03
558285.174160442.59	558285	4160443	558285.174160442.59	558285.17	4160442.59	WRKR_306	WORKER	3.90E-03	2.92E-03	3.72E-03	5.34E-03
558285.174160452.59	558285	4160453	558285.174160452.59	558285.17	4160452.59	WRKR_307	WORKER	4.25E-03	3.18E-03	4.05E-03	5.80E-03
558285.174160462.59	558285	4160463	558285.174160462.59	558285.17	4160462.59	WRKR_308	WORKER	4.64E-03	3.47E-03	4.42E-03	6.34E-03
558285.174160472.59	558285	4160473	558285.174160472.59	558285.17	4160472.59	WRKR_309	WORKER	5.09E-03	3.81E-03	4.85E-03	6.96E-03
558285.174160482.59	558285	4160483	558285.174160482.59	558285.17	4160482.59	WRKR_310	WORKER	5.60E-03	4.20E-03	5.34E-03	7.66E-03
558285.174160492.59	558285	4160493	558285.174160492.59	558285.17	4160492.59	WRKR_311	WORKER	6.21E-03	4.65E-03	5.92E-03	8.48E-03
558285.174160502.59	558285	4160503	558285.174160502.59	558285.17	4160502.59	WRKR_312	WORKER	6.93E-03	5.19E-03	6.60E-03	9.47E-03
558285.174160512.59	558285	4160513	558285.174160512.59	558285.17	4160512.59	WRKR_313	WORKER	7.80E-03	5.84E-03	7.43E-03	1.07E-02
558285.174160522.59	558285	4160523	558285.174160522.59	558285.17	4160522.59	WRKR_314	WORKER	8.84E-03	6.61E-03	8.42E-03	1.21E-02
558285.174160532.59	558285	4160533	558285.174160532.59	558285.17	4160532.59	WRKR_315	WORKER	1.01E-02	7.52E-03	9.58E-03	1.37E-02
558295.174160362.59	558295	4160363	558295.174160362.59	558295.17	4160362.59	WRKR_316	WORKER	2.13E-03	1.60E-03	2.03E-03	2.91E-03
558295.174160372.59	558295	4160373	558295.174160372.59	558295.17	4160372.59	WRKR_317	WORKER	2.27E-03	1.70E-03	2.16E-03	3.10E-03
558295.174160382.59	558295	4160383	558295.174160382.59	558295.17	4160382.59	WRKR_318	WORKER	2.42E-03	1.81E-03	2.31E-03	3.31E-03
558295.174160392.59	558295	4160393	558295.174160392.59	558295.17	4160392.59	WRKR_319	WORKER	2.59E-03	1.94E-03	2.47E-03	3.54E-03
558295.174160402.59	558295	4160403	558295.174160402.59	558295.17	4160402.59	WRKR_320	WORKER	2.78E-03	2.08E-03	2.65E-03	3.80E-03
558295.174160412.59	558295	4160413	558295.174160412.59	558295.17	4160412.59	WRKR_321	WORKER	2.99E-03	2.24E-03	2.85E-03	4.09E-03
558295.174160422.59	558295	4160423	558295.174160422.59	558295.17	4160422.59	WRKR_322	WORKER	3.22E-03	2.41E-03	3.07E-03	4.41E-03
558295.174160432.59	558295	4160433	558295.174160432.59	558295.17	4160432.59	WRKR_323	WORKER	3.49E-03	2.61E-03	3.32E-03	4.77E-03
558295.174160442.59	558295	4160443	558295.174160442.59	558295.17	4160442.59	WRKR_324	WORKER	3.78E-03	2.83E-03	3.60E-03	5.17E-03
558295.174160452.59	558295	4160453	558295.174160452.59	558295.17	4160452.59	WRKR_325	WORKER	4.12E-03	3.08E-03	3.93E-03	5.63E-03
558295.174160462.59	558295	4160463	558295.174160462.59	558295.17	4160462.59	WRKR_326	WORKER	4.50E-03	3.37E-03	4.29E-03	6.16E-03
558295.174160472.59	558295	4160473	558295.174160472.59	558295.17	4160472.59	WRKR_327	WORKER	4.94E-03	3.70E-03	4.71E-03	6.76E-03
558295.174160482.59	558295	4160483	558295.174160482.59	558295.17	4160482.59	WRKR_328	WORKER	5.45E-03	4.08E-03	5.20E-03	7.46E-03
558295.174160492.59	558295	4160493	558295.174160492.59	558295.17	4160492.59	WRKR_329	WORKER	6.05E-03	4.53E-03	5.77E-03	8.27E-03
558295.174160502.59	558295	4160503	558295.174160502.59	558295.17	4160502.59	WRKR_330	WORKER	6.76E-03	5.06E-03	6.44E-03	9.24E-03
558295.174160512.59	558295	4160513	558295.174160512.59	558295.17	4160512.59	WRKR_331	WORKER	7.63E-03	5.71E-03	7.27E-03	1.04E-02
558295.174160522.59	558295	4160523	558295.174160522.59	558295.17	4160522.59	WRKR_332	WORKER	8.67E-03	6.49E-03	8.26E-03	1.19E-02
558295.174160532.59	558295	4160533	558295.174160532.59	558295.17	4160532.59	WRKR_333	WORKER	9.90E-03	7.41E-03	9.44E-03	1.35E-02
558305.174160362.59	558305	4160363	558305.174160362.59	558305.17	4160362.59	WRKR_334	WORKER	2.06E-03	1.54E-03	1.96E-03	2.82E-03
558305.174160372.59	558305	4160373	558305.174160372.59	558305.17	4160372.59	WRKR_335	WORKER	2.19E-03	1.64E-03	2.09E-03	3.00E-03
558305.174160382.59	558305	4160383	558305.174160382.59	558305.17	4160382.59	WRKR_336	WORKER	2.34E-03	1.75E-03	2.23E-03	3.20E-03
558305.174160392.59	558305	4160393	558305.174160392.59	558305.17	4160392.59	WRKR_337	WORKER	2.51E-03	1.88E-03	2.39E-03	3.42E-03
558305.174160402.59	558305	4160403	558305.174160402.59	558305.17	4160402.59	WRKR_338	WORKER	2.69E-03	2.01E-03	2.56E-03	3.67E-03
558305.174160412.59	558305	4160413	558305.174160412.59	558305.17	4160412.59	WRKR_339	WORKER	2.89E-03	2.16E-03	2.75E-03	3.95E-03
558305.174160422.59	558305	4160423	558305.174160422.59	558305.17	4160422.59	WRKR_340	WORKER	3.12E-03	2.33E-03	2.97E-03	4.26E-03
558305.174160432.59	558305	4160433	558305.174160432.59	558305.17	4160432.59	WRKR_341	WORKER	3.37E-03	2.52E-03	3.21E-03	4.61E-03
558305.174160442.59	558305	4160443	558305.174160442.59	558305.17	4160442.59	WRKR_342	WORKER	3.66E-03	2.74E-03	3.49E-03	5.01E-03
558305.174160452.59	558305	4160453	558305.174160452.59	558305.17	4160452.59	WRKR_343	WORKER	3.99E-03	2.99E-03	3.80E-03	5.46E-03
558305.174160462.59	558305	4160463	558305.174160462.59	558305.17	4160462.59	WRKR_344	WORKER	4.37E-03	3.27E-03	4.16E-03	5.97E-03
558305.174160472.59	558305	4160473	558305.174160472.59	558305.17	4160472.59	WRKR_345	WORKER	4.80E-03	3.60E-03	4.58E-03	6.57E-03
558305.174160482.59	558305	4160483	558305.174160482.59	558305.17	4160482.59	WRKR_346	WORKER	5.31E-03	3.97E-03	5.06E-03	7.26E-03
558305.174160492.59	558305	4160493	558305.174160492.59	558305.17	4160492.59	WRKR_347	WORKER	5.91E-03	4.42E-03	5.63E-03	8.07E-03

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

Max Project Chronic HI

								CHRONIC HI			
XY	X	Y	XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558305.174160502.59	558305	4160503	558305.174160502.59	558305.17	4160502.59	WRKR_348	WORKER	6.62E-03	4.95E-03	6.30E-03	9.04E-03
558305.174160512.59	558305	4160513	558305.174160512.59	558305.17	4160512.59	WRKR_349	WORKER	7.48E-03	5.60E-03	7.13E-03	1.02E-02
558305.174160522.59	558305	4160523	558305.174160522.59	558305.17	4160522.59	WRKR_350	WORKER	8.52E-03	6.38E-03	8.12E-03	1.16E-02
558305.174160532.59	558305	4160533	558305.174160532.59	558305.17	4160532.59	WRKR_351	WORKER	9.75E-03	7.30E-03	9.29E-03	1.33E-02
558315.174160362.59	558315	4160363	558315.174160362.59	558315.17	4160362.59	WRKR_352	WORKER	1.99E-03	1.49E-03	1.90E-03	2.72E-03
558315.174160372.59	558315	4160373	558315.174160372.59	558315.17	4160372.59	WRKR_353	WORKER	2.12E-03	1.59E-03	2.02E-03	2.90E-03
558315.174160382.59	558315	4160383	558315.174160382.59	558315.17	4160382.59	WRKR_354	WORKER	2.26E-03	1.69E-03	2.16E-03	3.09E-03
558315.174160392.59	558315	4160393	558315.174160392.59	558315.17	4160392.59	WRKR_355	WORKER	2.42E-03	1.81E-03	2.31E-03	3.31E-03
558315.174160402.59	558315	4160403	558315.174160402.59	558315.17	4160402.59	WRKR_356	WORKER	2.60E-03	1.94E-03	2.47E-03	3.55E-03
558315.174160412.59	558315	4160413	558315.174160412.59	558315.17	4160412.59	WRKR_357	WORKER	2.79E-03	2.09E-03	2.66E-03	3.82E-03
558315.174160422.59	558315	4160423	558315.174160422.59	558315.17	4160422.59	WRKR_358	WORKER	3.01E-03	2.26E-03	2.87E-03	4.12E-03
558315.174160432.59	558315	4160433	558315.174160432.59	558315.17	4160432.59	WRKR_359	WORKER	3.26E-03	2.44E-03	3.11E-03	4.46E-03
558315.174160442.59	558315	4160443	558315.174160442.59	558315.17	4160442.59	WRKR_360	WORKER	3.54E-03	2.65E-03	3.38E-03	4.84E-03
558315.174160452.59	558315	4160453	558315.174160452.59	558315.17	4160452.59	WRKR_361	WORKER	3.87E-03	2.89E-03	3.69E-03	5.29E-03
558315.174160462.59	558315	4160463	558315.174160462.59	558315.17	4160462.59	WRKR_362	WORKER	4.24E-03	3.17E-03	4.04E-03	5.79E-03
558315.174160472.59	558315	4160473	558315.174160472.59	558315.17	4160472.59	WRKR_363	WORKER	4.67E-03	3.50E-03	4.45E-03	6.38E-03
558315.174160482.59	558315	4160483	558315.174160482.59	558315.17	4160482.59	WRKR_364	WORKER	5.17E-03	3.87E-03	4.93E-03	7.07E-03
558315.174160492.59	558315	4160493	558315.174160492.59	558315.17	4160492.59	WRKR_365	WORKER	5.77E-03	4.32E-03	5.50E-03	7.89E-03
558315.174160502.59	558315	4160503	558315.174160502.59	558315.17	4160502.59	WRKR_366	WORKER	6.48E-03	4.85E-03	6.18E-03	8.86E-03
558315.174160512.59	558315	4160513	558315.174160512.59	558315.17	4160512.59	WRKR_367	WORKER	7.34E-03	5.49E-03	6.99E-03	1.00E-02
558315.174160522.59	558315	4160523	558315.174160522.59	558315.17	4160522.59	WRKR_368	WORKER	8.37E-03	6.27E-03	7.98E-03	1.14E-02
558315.174160532.59	558315	4160533	558315.174160532.59	558315.17	4160532.59	WRKR_369	WORKER	9.58E-03	7.17E-03	9.13E-03	1.31E-02
558325.174160362.59	558325	4160363	558325.174160362.59	558325.17	4160362.59	WRKR_370	WORKER	1.92E-03	1.44E-03	1.83E-03	2.63E-03
558325.174160372.59	558325	4160373	558325.174160372.59	558325.17	4160372.59	WRKR_371	WORKER	2.05E-03	1.53E-03	1.95E-03	2.80E-03
558325.174160382.59	558325	4160383	558325.174160382.59	558325.17	4160382.59	WRKR_372	WORKER	2.18E-03	1.64E-03	2.08E-03	2.99E-03
558325.174160392.59	558325	4160393	558325.174160392.59	558325.17	4160392.59	WRKR_373	WORKER	2.34E-03	1.75E-03	2.23E-03	3.19E-03
558325.174160402.59	558325	4160403	558325.174160402.59	558325.17	4160402.59	WRKR_374	WORKER	2.51E-03	1.88E-03	2.39E-03	3.43E-03
558325.174160412.59	558325	4160413	558325.174160412.59	558325.17	4160412.59	WRKR_375	WORKER	2.70E-03	2.02E-03	2.57E-03	3.69E-03
558325.174160422.59	558325	4160423	558325.174160422.59	558325.17	4160422.59	WRKR_376	WORKER	2.91E-03	2.18E-03	2.77E-03	3.98E-03
558325.174160432.59	558325	4160433	558325.174160432.59	558325.17	4160432.59	WRKR_377	WORKER	3.15E-03	2.36E-03	3.01E-03	4.31E-03
558325.174160442.59	558325	4160443	558325.174160442.59	558325.17	4160442.59	WRKR_378	WORKER	3.43E-03	2.57E-03	3.27E-03	4.69E-03
558325.174160452.59	558325	4160453	558325.174160452.59	558325.17	4160452.59	WRKR_379	WORKER	3.75E-03	2.81E-03	3.57E-03	5.12E-03
558325.174160462.59	558325	4160463	558325.174160462.59	558325.17	4160462.59	WRKR_380	WORKER	4.11E-03	3.08E-03	3.92E-03	5.62E-03
558325.174160472.59	558325	4160473	558325.174160472.59	558325.17	4160472.59	WRKR_381	WORKER	4.54E-03	3.40E-03	4.33E-03	6.21E-03
558325.174160482.59	558325	4160483	558325.174160482.59	558325.17	4160482.59	WRKR_382	WORKER	5.04E-03	3.78E-03	4.81E-03	6.89E-03
558325.174160492.59	558325	4160493	558325.174160492.59	558325.17	4160492.59	WRKR_383	WORKER	5.64E-03	4.22E-03	5.37E-03	7.70E-03
558325.174160502.59	558325	4160503	558325.174160502.59	558325.17	4160502.59	WRKR_384	WORKER	6.35E-03	4.75E-03	6.05E-03	8.67E-03
558325.174160512.59	558325	4160513	558325.174160512.59	558325.17	4160512.59	WRKR_385	WORKER	7.20E-03	5.39E-03	6.86E-03	9.84E-03
558325.174160522.59	558325	4160523	558325.174160522.59	558325.17	4160522.59	WRKR_386	WORKER	8.21E-03	6.15E-03	7.83E-03	1.12E-02
558325.174160532.59	558325	4160533	558325.174160532.59	558325.17	4160532.59	WRKR_387	WORKER	9.40E-03	7.03E-03	8.96E-03	1.28E-02
558335.174160362.59	558335	4160363	558335.174160362.59	558335.17	4160362.59	WRKR_388	WORKER	1.86E-03	1.39E-03	1.77E-03	2.54E-03
558335.174160372.59	558335	4160373	558335.174160372.59	558335.17	4160372.59	WRKR_389	WORKER	1.98E-03	1.48E-03	1.88E-03	2.70E-03
558335.174160382.59	558335	4160383	558335.174160382.59	558335.17	4160382.59	WRKR_390	WORKER	2.11E-03	1.58E-03	2.01E-03	2.88E-03
558335.174160392.59	558335	4160393	558335.174160392.59	558335.17	4160392.59	WRKR_391	WORKER	2.26E-03	1.69E-03	2.15E-03	3.08E-03
558335.174160402.59	558335	4160403	558335.174160402.59	558335.17	4160402.59	WRKR_392	WORKER	2.42E-03	1.81E-03	2.31E-03	3.31E-03
558335.174160412.59	558335	4160413	558335.174160412.59	558335.17	4160412.59	WRKR_393	WORKER	2.61E-03	1.95E-03	2.48E-03	3.56E-03
558335.174160422.59	558335	4160423	558335.174160422.59	558335.17	4160422.59	WRKR_394	WORKER	2.82E-03	2.11E-03	2.68E-03	3.85E-03
558335.174160432.59	558335	4160433	558335.174160432.59	558335.17	4160432.59	WRKR_395	WORKER	3.05E-03	2.29E-03	2.91E-03	4.17E-03
558335.174160442.59	558335	4160443	558335.174160442.59	558335.17	4160442.59	WRKR_396	WORKER	3.32E-03	2.49E-03	3.17E-03	4.54E-03
558335.174160452.59	558335	4160453	558335.174160452.59	558335.17	4160452.59	WRKR_397	WORKER	3.63E-03	2.72E-03	3.46E-03	4.97E-03
558335.174160462.59	558335	4160463	558335.174160462.59	558335.17	4160462.59	WRKR_398	WORKER	3.99E-03	2.99E-03	3.81E-03	5.46E-03
558335.174160472.59	558335	4160473	558335.174160472.59	558335.17	4160472.59	WRKR_399	WORKER	4.42E-03	3.31E-03	4.21E-03	6.04E-03
558335.174160482.59	558335	4160483	558335.174160482.59	558335.17	4160482.59	WRKR_400	WORKER	4.92E-03	3.68E-03	4.68E-03	6.72E-03
558335.174160492.59	558335	4160493	558335.174160492.59	558335.17	4160492.59	WRKR_401	WORKER	5.51E-03	4.12E-03	5.25E-03	7.53E-03
558335.174160502.59	558335	4160503	558335.174160502.59	558335.17	4160502.59	WRKR_402	WORKER	6.21E-03	4.65E-03	5.92E-03	8.49E-03
558335.174160512.59	558335	4160513	558335.174160512.59	558335.17	4160512.59	WRKR_403	WORKER	7.05E-03	5.28E-03	6.72E-03	9.63E-03
558335.174160522.59	558335	4160523	558335.174160522.59	558335.17	4160522.59	WRKR_404	WORKER	8.04E-03	6.02E-03	7.66E-03	1.10E-02
558335.174160532.59	558335	4160533	558335.174160532.59	558335.17	4160532.59	WRKR_405	WORKER	9.19E-03	6.88E-03	8.76E-03	1.26E-02
558345.174160362.59	558345	4160363	558345.174160362.59	558345.17	4160362.59	WRKR_406	WORKER	1.79E-03	1.34E-03	1.71E-03	2.45E-03
558345.174160372.59	558345	4160373	558345.174160372.59	558345.17	4160372.59	WRKR_407	WORKER	1.91E-03	1.43E-03	1.82E-03	2.61E-03
558345.174160382.59	558345	4160383	558345.174160382.59	558345.17	4160382.59	WRKR_408	WORKER	2.04E-03	1.53E-03	1.94E-03	2.79E-03
558345.174160392.59	558345	4160393	558345.174160392.59	558345.17	4160392.59	WRKR_409	WORKER	2.18E-03	1.63E-03	2.08E-03	2.98E-03
558345.174160402.59	558345	4160403	558345.174160402.59	558345.17	4160402.59	WRKR_410	WORKER	2.34E-03	1.75E-03	2.23E-03	3.20E-03
558345.174160412.59	558345	4160413	558345.174160412.59	558345.17	4160412.59	WRKR_411	WORKER	2.52E-03	1.89E-03	2.40E-03	3.45E-03
558345.174160422.59	558345	4160423	558345.174160422.59	558345.17	4160422.59	WRKR_412	WORKER	2.72E-03	2.04E-03	2.60E-03	3.72E-03
558345.174160432.59	558345	4160433	558345.174160432.59	558345.17	4160432.59	WRKR_413	WORKER	2.96E-03	2.21E-03	2.82E-03	4.04E-03
558345.174160442.59	558345	4160443	558345.174160442.59	558345.17	4160442.59	WRKR_414	WORKER	3.22E-03	2.41E-03	3.07E-03	4.41E-03
558345.174160452.59	558345	4160453	558345.174160452.59	558345.17	4160452.59	WRKR_415	WORKER	3.53E-03	2.64E-03	3.37E-03	4.83E-03
558345.174160462.59	558345	4160463	558345.174160462.59	558345.17	4160462.59	WRKR_416	WORKER	3.88E-03	2.91E-03	3.70E-03	5.31E-03
558345.174160472.59	558345	4160473	558345.174160472.59	558345.17	4160472.59	WRKR_417	WORKER	4.30E-03	3.22E-03	4.09E-03	5.87E-03
558345.174160482.59	558345	4160483	558345.174160482.59	558345.17	4160482.59	WRKR_418	WORKER	4.79E-03	3.58E-03	4.56E-03	6.54E-03
558345.174160492.59	558345	4160493	558345.174160492.59	558345.17	4160492.59	WRKR_419	WORKER	5.37E-03	4.02E-03	5.12E-03	7.34E-03
558345.174160502.59	558345	4160503	558345.174160502.59	558345.17	4160502.59	WRKR_420	WORKER	6.06E-03	4.54E-03	5.78E-03	8.28E-03

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

Max Project Chronic HI

								CHRONIC HI			
XY	X	Y	XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558345.174160512.59	558345	4160513	558345.174160512.59	558345.17	4160512.59	WRKR_421	WORKER	6.88E-03	5.15E-03	6.56E-03	9.40E-03
558345.174160522.59	558345	4160523	558345.174160522.59	558345.17	4160522.59	WRKR_422	WORKER	7.84E-03	5.87E-03	7.47E-03	1.07E-02
558345.174160532.59	558345	4160533	558345.174160532.59	558345.17	4160532.59	WRKR_423	WORKER	8.95E-03	6.70E-03	8.53E-03	1.22E-02
558355.174160362.59	558355	4160363	558355.174160362.59	558355.17	4160362.59	WRKR_424	WORKER	1.74E-03	1.30E-03	1.66E-03	2.37E-03
558355.174160372.59	558355	4160373	558355.174160372.59	558355.17	4160372.59	WRKR_425	WORKER	1.85E-03	1.38E-03	1.76E-03	2.53E-03
558355.174160382.59	558355	4160383	558355.174160382.59	558355.17	4160382.59	WRKR_426	WORKER	1.97E-03	1.48E-03	1.88E-03	2.70E-03
558355.174160392.59	558355	4160393	558355.174160392.59	558355.17	4160392.59	WRKR_427	WORKER	2.11E-03	1.58E-03	2.01E-03	2.89E-03
558355.174160402.59	558355	4160403	558355.174160402.59	558355.17	4160402.59	WRKR_428	WORKER	2.27E-03	1.70E-03	2.16E-03	3.10E-03
558355.174160412.59	558355	4160413	558355.174160412.59	558355.17	4160412.59	WRKR_429	WORKER	2.44E-03	1.83E-03	2.33E-03	3.34E-03
558355.174160422.59	558355	4160423	558355.174160422.59	558355.17	4160422.59	WRKR_430	WORKER	2.64E-03	1.98E-03	2.52E-03	3.61E-03
558355.174160432.59	558355	4160433	558355.174160432.59	558355.17	4160432.59	WRKR_431	WORKER	2.87E-03	2.15E-03	2.73E-03	3.92E-03
558355.174160442.59	558355	4160443	558355.174160442.59	558355.17	4160442.59	WRKR_432	WORKER	3.13E-03	2.34E-03	2.98E-03	4.28E-03
558355.174160452.59	558355	4160453	558355.174160452.59	558355.17	4160452.59	WRKR_433	WORKER	3.43E-03	2.57E-03	3.27E-03	4.69E-03
558355.174160462.59	558355	4160463	558355.174160462.59	558355.17	4160462.59	WRKR_434	WORKER	3.78E-03	2.83E-03	3.60E-03	5.17E-03
558355.174160472.59	558355	4160473	558355.174160472.59	558355.17	4160472.59	WRKR_435	WORKER	4.19E-03	3.14E-03	3.99E-03	5.72E-03
558355.174160482.59	558355	4160483	558355.174160482.59	558355.17	4160482.59	WRKR_436	WORKER	4.66E-03	3.49E-03	4.44E-03	6.37E-03
558355.174160492.59	558355	4160493	558355.174160492.59	558355.17	4160492.59	WRKR_437	WORKER	5.23E-03	3.91E-03	4.98E-03	7.15E-03
558355.174160502.59	558355	4160503	558355.174160502.59	558355.17	4160502.59	WRKR_438	WORKER	5.90E-03	4.42E-03	5.62E-03	8.06E-03
558355.174160512.59	558355	4160513	558355.174160512.59	558355.17	4160512.59	WRKR_439	WORKER	6.69E-03	5.01E-03	6.37E-03	9.14E-03
558355.174160522.59	558355	4160523	558355.174160522.59	558355.17	4160522.59	WRKR_440	WORKER	7.61E-03	5.69E-03	7.25E-03	1.04E-02
558355.174160532.59	558355	4160533	558355.174160532.59	558355.17	4160532.59	WRKR_441	WORKER	8.68E-03	6.50E-03	8.28E-03	1.19E-02
558365.174160362.59	558365	4160363	558365.174160362.59	558365.17	4160362.59	WRKR_442	WORKER	1.68E-03	1.26E-03	1.60E-03	2.30E-03
558365.174160372.59	558365	4160373	558365.174160372.59	558365.17	4160372.59	WRKR_443	WORKER	1.79E-03	1.34E-03	1.71E-03	2.45E-03
558365.174160382.59	558365	4160383	558365.174160382.59	558365.17	4160382.59	WRKR_444	WORKER	1.91E-03	1.43E-03	1.82E-03	2.61E-03
558365.174160392.59	558365	4160393	558365.174160392.59	558365.17	4160392.59	WRKR_445	WORKER	2.05E-03	1.53E-03	1.95E-03	2.80E-03
558365.174160402.59	558365	4160403	558365.174160402.59	558365.17	4160402.59	WRKR_446	WORKER	2.20E-03	1.65E-03	2.10E-03	3.01E-03
558365.174160412.59	558365	4160413	558365.174160412.59	558365.17	4160412.59	WRKR_447	WORKER	2.37E-03	1.77E-03	2.26E-03	3.24E-03
558365.174160422.59	558365	4160423	558365.174160422.59	558365.17	4160422.59	WRKR_448	WORKER	2.57E-03	1.92E-03	2.45E-03	3.51E-03
558365.174160432.59	558365	4160433	558365.174160432.59	558365.17	4160432.59	WRKR_449	WORKER	2.79E-03	2.09E-03	2.66E-03	3.81E-03
558365.174160442.59	558365	4160443	558365.174160442.59	558365.17	4160442.59	WRKR_450	WORKER	3.05E-03	2.28E-03	2.90E-03	4.16E-03
558365.174160452.59	558365	4160453	558365.174160452.59	558365.17	4160452.59	WRKR_451	WORKER	3.34E-03	2.50E-03	3.18E-03	4.57E-03
558365.174160462.59	558365	4160463	558365.174160462.59	558365.17	4160462.59	WRKR_452	WORKER	3.68E-03	2.76E-03	3.51E-03	5.04E-03
558365.174160472.59	558365	4160473	558365.174160472.59	558365.17	4160472.59	WRKR_453	WORKER	4.09E-03	3.06E-03	3.89E-03	5.59E-03
558365.174160482.59	558365	4160483	558365.174160482.59	558365.17	4160482.59	WRKR_454	WORKER	4.55E-03	3.41E-03	4.34E-03	6.22E-03
558365.174160492.59	558365	4160493	558365.174160492.59	558365.17	4160492.59	WRKR_455	WORKER	5.10E-03	3.82E-03	4.86E-03	6.97E-03
558365.174160502.59	558365	4160503	558365.174160502.59	558365.17	4160502.59	WRKR_456	WORKER	5.75E-03	4.30E-03	5.48E-03	7.85E-03
558365.174160512.59	558365	4160513	558365.174160512.59	558365.17	4160512.59	WRKR_457	WORKER	6.50E-03	4.87E-03	6.19E-03	8.88E-03
558365.174160522.59	558365	4160523	558365.174160522.59	558365.17	4160522.59	WRKR_458	WORKER	7.37E-03	5.52E-03	7.03E-03	1.01E-02
558365.174160532.59	558365	4160533	558365.174160532.59	558365.17	4160532.59	WRKR_459	WORKER	8.39E-03	6.28E-03	8.00E-03	1.15E-02
558375.174160362.59	558375	4160363	558375.174160362.59	558375.17	4160362.59	WRKR_460	WORKER	1.63E-03	1.22E-03	1.56E-03	2.23E-03
558375.174160372.59	558375	4160373	558375.174160372.59	558375.17	4160372.59	WRKR_461	WORKER	1.74E-03	1.30E-03	1.66E-03	2.38E-03
558375.174160382.59	558375	4160383	558375.174160382.59	558375.17	4160382.59	WRKR_462	WORKER	1.86E-03	1.39E-03	1.77E-03	2.54E-03
558375.174160392.59	558375	4160393	558375.174160392.59	558375.17	4160392.59	WRKR_463	WORKER	1.99E-03	1.49E-03	1.90E-03	2.72E-03
558375.174160402.59	558375	4160403	558375.174160402.59	558375.17	4160402.59	WRKR_464	WORKER	2.14E-03	1.60E-03	2.04E-03	2.92E-03
558375.174160412.59	558375	4160413	558375.174160412.59	558375.17	4160412.59	WRKR_465	WORKER	2.31E-03	1.73E-03	2.20E-03	3.15E-03
558375.174160422.59	558375	4160423	558375.174160422.59	558375.17	4160422.59	WRKR_466	WORKER	2.50E-03	1.87E-03	2.38E-03	3.42E-03
558375.174160432.59	558375	4160433	558375.174160432.59	558375.17	4160432.59	WRKR_467	WORKER	2.72E-03	2.04E-03	2.59E-03	3.72E-03
558375.174160442.59	558375	4160443	558375.174160442.59	558375.17	4160442.59	WRKR_468	WORKER	2.97E-03	2.22E-03	2.83E-03	4.06E-03
558375.174160452.59	558375	4160453	558375.174160452.59	558375.17	4160452.59	WRKR_469	WORKER	3.26E-03	2.44E-03	3.11E-03	4.46E-03
558375.174160462.59	558375	4160463	558375.174160462.59	558375.17	4160462.59	WRKR_470	WORKER	3.60E-03	2.69E-03	3.43E-03	4.92E-03
558375.174160472.59	558375	4160473	558375.174160472.59	558375.17	4160472.59	WRKR_471	WORKER	3.99E-03	2.99E-03	3.80E-03	5.46E-03
558375.174160482.59	558375	4160483	558375.174160482.59	558375.17	4160482.59	WRKR_472	WORKER	4.45E-03	3.33E-03	4.24E-03	6.08E-03
558375.174160492.59	558375	4160493	558375.174160492.59	558375.17	4160492.59	WRKR_473	WORKER	4.98E-03	3.73E-03	4.75E-03	6.81E-03
558375.174160502.59	558375	4160503	558375.174160502.59	558375.17	4160502.59	WRKR_474	WORKER	5.60E-03	4.19E-03	5.34E-03	7.66E-03
558375.174160512.59	558375	4160513	558375.174160512.59	558375.17	4160512.59	WRKR_475	WORKER	6.32E-03	4.73E-03	6.02E-03	8.64E-03
558375.174160522.59	558375	4160523	558375.174160522.59	558375.17	4160522.59	WRKR_476	WORKER	7.15E-03	5.35E-03	6.81E-03	9.77E-03
558375.174160532.59	558375	4160533	558375.174160532.59	558375.17	4160532.59	WRKR_477	WORKER	8.11E-03	6.07E-03	7.73E-03	1.11E-02
558385.174160362.59	558385	4160363	558385.174160362.59	558385.17	4160362.59	WRKR_478	WORKER	1.59E-03	1.19E-03	1.52E-03	2.17E-03
558385.174160372.59	558385	4160373	558385.174160372.59	558385.17	4160372.59	WRKR_479	WORKER	1.69E-03	1.27E-03	1.61E-03	2.31E-03
558385.174160382.59	558385	4160383	558385.174160382.59	558385.17	4160382.59	WRKR_480	WORKER	1.81E-03	1.35E-03	1.72E-03	2.47E-03
558385.174160392.59	558385	4160393	558385.174160392.59	558385.17	4160392.59	WRKR_481	WORKER	1.94E-03	1.45E-03	1.85E-03	2.65E-03
558385.174160402.59	558385	4160403	558385.174160402.59	558385.17	4160402.59	WRKR_482	WORKER	2.09E-03	1.56E-03	1.99E-03	2.85E-03
558385.174160412.59	558385	4160413	558385.174160412.59	558385.17	4160412.59	WRKR_483	WORKER	2.25E-03	1.69E-03	2.15E-03	3.08E-03
558385.174160422.59	558385	4160423	558385.174160422.59	558385.17	4160422.59	WRKR_484	WORKER	2.44E-03	1.83E-03	2.33E-03	3.34E-03
558385.174160432.59	558385	4160433	558385.174160432.59	558385.17	4160432.59	WRKR_485	WORKER	2.66E-03	1.99E-03	2.53E-03	3.63E-03
558385.174160442.59	558385	4160443	558385.174160442.59	558385.17	4160442.59	WRKR_486	WORKER	2.91E-03	2.18E-03	2.77E-03	3.97E-03
558385.174160452.59	558385	4160453	558385.174160452.59	558385.17	4160452.59	WRKR_487	WORKER	3.19E-03	2.39E-03	3.04E-03	4.36E-03
558385.174160462.59	558385	4160463	558385.174160462.59	558385.17	4160462.59	WRKR_488	WORKER	3.52E-03	2.64E-03	3.36E-03	4.82E-03
558385.174160472.59	558385	4160473	558385.174160472.59	558385.17	4160472.59	WRKR_489	WORKER	3.91E-03	2.93E-03	3.72E-03	5.34E-03
558385.174160482.59	558385	4160483	558385.174160482.59	558385.17	4160482.59	WRKR_490	WORKER	4.35E-03	3.26E-03	4.15E-03	5.95E-03
558385.174160492.59	558385	4160493	558385.174160492.59	558385.17	4160492.59	WRKR_491	WORKER	4.87E-03	3.65E-03	4.64E-03	6.66E-03
558385.174160502.59	558385	4160503	558385.174160502.59	558385.17	4160502.59	WRKR_492	WORKER	5.46E-03	4.09E-03	5.21E-03	7.47E-03
558385.174160512.59	558385	4160513	558385.174160512.59	558385.17	4160512.59	WRKR_493	WORKER	6.15E-03	4.60E-03	5.86E-03	8.40E-03

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

Max Project Chronic HI

								CHRONIC HI			
XY	X	Y	XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558385.174160522.59	558385	4160523	558385.174160522.59	558385.17	4160522.59	WRKR_494	WORKER	6.93E-03	5.19E-03	6.60E-03	9.47E-03
558385.174160532.59	558385	4160533	558385.174160532.59	558385.17	4160532.59	WRKR_495	WORKER	7.82E-03	5.86E-03	7.46E-03	1.07E-02
558395.174160362.59	558395	4160363	558395.174160362.59	558395.17	4160362.59	WRKR_496	WORKER	1.55E-03	1.16E-03	1.48E-03	2.12E-03
558395.174160372.59	558395	4160373	558395.174160372.59	558395.17	4160372.59	WRKR_497	WORKER	1.65E-03	1.24E-03	1.58E-03	2.26E-03
558395.174160382.59	558395	4160383	558395.174160382.59	558395.17	4160382.59	WRKR_498	WORKER	1.77E-03	1.32E-03	1.68E-03	2.42E-03
558395.174160392.59	558395	4160393	558395.174160392.59	558395.17	4160392.59	WRKR_499	WORKER	1.90E-03	1.42E-03	1.81E-03	2.59E-03
558395.174160402.59	558395	4160403	558395.174160402.59	558395.17	4160402.59	WRKR_500	WORKER	2.04E-03	1.53E-03	1.95E-03	2.79E-03
558395.174160412.59	558395	4160413	558395.174160412.59	558395.17	4160412.59	WRKR_501	WORKER	2.21E-03	1.65E-03	2.10E-03	3.01E-03
558395.174160422.59	558395	4160423	558395.174160422.59	558395.17	4160422.59	WRKR_502	WORKER	2.39E-03	1.79E-03	2.28E-03	3.27E-03
558395.174160432.59	558395	4160433	558395.174160432.59	558395.17	4160432.59	WRKR_503	WORKER	2.61E-03	1.95E-03	2.49E-03	3.56E-03
558395.174160442.59	558395	4160443	558395.174160442.59	558395.17	4160442.59	WRKR_504	WORKER	2.85E-03	2.14E-03	2.72E-03	3.90E-03
558395.174160452.59	558395	4160453	558395.174160452.59	558395.17	4160452.59	WRKR_505	WORKER	3.13E-03	2.35E-03	2.99E-03	4.29E-03
558395.174160462.59	558395	4160463	558395.174160462.59	558395.17	4160462.59	WRKR_506	WORKER	3.46E-03	2.59E-03	3.30E-03	4.73E-03
558395.174160472.59	558395	4160473	558395.174160472.59	558395.17	4160472.59	WRKR_507	WORKER	3.84E-03	2.87E-03	3.66E-03	5.24E-03
558395.174160482.59	558395	4160483	558395.174160482.59	558395.17	4160482.59	WRKR_508	WORKER	4.27E-03	3.20E-03	4.07E-03	5.84E-03
558395.174160492.59	558395	4160493	558395.174160492.59	558395.17	4160492.59	WRKR_509	WORKER	4.77E-03	3.57E-03	4.55E-03	6.52E-03
558395.174160502.59	558395	4160503	558395.174160502.59	558395.17	4160502.59	WRKR_510	WORKER	5.34E-03	4.00E-03	5.09E-03	7.30E-03
558395.174160512.59	558395	4160513	558395.174160512.59	558395.17	4160512.59	WRKR_511	WORKER	5.99E-03	4.48E-03	5.71E-03	8.18E-03
557513.484160678.78	557513	4160679	557513.484160678.78	557513.48	4160678.78	HOTEL_1	RESIDENT	4.65E-04	3.48E-04	4.43E-04	6.36E-04
557513.484160688.78	557513	4160689	557513.484160688.78	557513.48	4160688.78	HOTEL_2	RESIDENT	4.64E-04	3.47E-04	4.42E-04	6.34E-04
557513.484160698.78	557513	4160699	557513.484160698.78	557513.48	4160698.78	HOTEL_3	RESIDENT	4.62E-04	3.46E-04	4.41E-04	6.32E-04
557513.484160708.78	557513	4160709	557513.484160708.78	557513.48	4160708.78	HOTEL_4	RESIDENT	4.62E-04	3.45E-04	4.40E-04	6.31E-04
557513.484160718.78	557513	4160719	557513.484160718.78	557513.48	4160718.78	HOTEL_5	RESIDENT	4.61E-04	3.45E-04	4.39E-04	6.30E-04
557513.484160728.78	557513	4160729	557513.484160728.78	557513.48	4160728.78	HOTEL_6	RESIDENT	4.61E-04	3.45E-04	4.39E-04	6.30E-04
557523.484160678.78	557523	4160679	557523.484160678.78	557523.48	4160678.78	HOTEL_7	RESIDENT	4.78E-04	3.57E-04	4.55E-04	6.53E-04
557523.484160688.78	557523	4160689	557523.484160688.78	557523.48	4160688.78	HOTEL_8	RESIDENT	4.76E-04	3.56E-04	4.54E-04	6.51E-04
557523.484160698.78	557523	4160699	557523.484160698.78	557523.48	4160698.78	HOTEL_9	RESIDENT	4.75E-04	3.55E-04	4.52E-04	6.49E-04
557523.484160708.78	557523	4160709	557523.484160708.78	557523.48	4160708.78	HOTEL_10	RESIDENT	4.74E-04	3.55E-04	4.51E-04	6.48E-04
557523.484160718.78	557523	4160719	557523.484160718.78	557523.48	4160718.78	HOTEL_11	RESIDENT	4.73E-04	3.54E-04	4.51E-04	6.47E-04
557523.484160728.78	557523	4160729	557523.484160728.78	557523.48	4160728.78	HOTEL_12	RESIDENT	4.73E-04	3.54E-04	4.51E-04	6.47E-04
557533.484160678.78	557533	4160679	557533.484160678.78	557533.48	4160678.78	HOTEL_13	RESIDENT	4.91E-04	3.68E-04	4.68E-04	6.71E-04
557533.484160688.78	557533	4160689	557533.484160688.78	557533.48	4160688.78	HOTEL_14	RESIDENT	4.90E-04	3.67E-04	4.67E-04	6.70E-04
557533.484160698.78	557533	4160699	557533.484160698.78	557533.48	4160698.78	HOTEL_15	RESIDENT	4.89E-04	3.66E-04	4.66E-04	6.68E-04
557533.484160708.78	557533	4160709	557533.484160708.78	557533.48	4160708.78	HOTEL_16	RESIDENT	4.87E-04	3.65E-04	4.64E-04	6.66E-04
557533.484160718.78	557533	4160719	557533.484160718.78	557533.48	4160718.78	HOTEL_17	RESIDENT	4.87E-04	3.64E-04	4.64E-04	6.65E-04
557533.484160728.78	557533	4160729	557533.484160728.78	557533.48	4160728.78	HOTEL_18	RESIDENT	4.87E-04	3.64E-04	4.64E-04	6.65E-04
557543.484160678.78	557543	4160679	557543.484160678.78	557543.48	4160678.78	HOTEL_19	RESIDENT	5.05E-04	3.78E-04	4.81E-04	6.91E-04
557543.484160688.78	557543	4160689	557543.484160688.78	557543.48	4160688.78	HOTEL_20	RESIDENT	5.04E-04	3.77E-04	4.80E-04	6.89E-04
557543.484160698.78	557543	4160699	557543.484160698.78	557543.48	4160698.78	HOTEL_21	RESIDENT	5.02E-04	3.76E-04	4.79E-04	6.87E-04
557543.484160708.78	557543	4160709	557543.484160708.78	557543.48	4160708.78	HOTEL_22	RESIDENT	5.02E-04	3.75E-04	4.78E-04	6.86E-04
557543.484160718.78	557543	4160719	557543.484160718.78	557543.48	4160718.78	HOTEL_23	RESIDENT	5.01E-04	3.75E-04	4.77E-04	6.84E-04
557543.484160728.78	557543	4160729	557543.484160728.78	557543.48	4160728.78	HOTEL_24	RESIDENT	5.01E-04	3.75E-04	4.77E-04	6.84E-04
557553.484160678.78	557553	4160679	557553.484160678.78	557553.48	4160678.78	HOTEL_25	RESIDENT	5.22E-04	3.91E-04	4.98E-04	7.14E-04
557553.484160688.78	557553	4160689	557553.484160688.78	557553.48	4160688.78	HOTEL_26	RESIDENT	5.20E-04	3.89E-04	4.96E-04	7.11E-04
557553.484160698.78	557553	4160699	557553.484160698.78	557553.48	4160698.78	HOTEL_27	RESIDENT	5.19E-04	3.89E-04	4.95E-04	7.09E-04
557553.484160708.78	557553	4160709	557553.484160708.78	557553.48	4160708.78	HOTEL_28	RESIDENT	5.18E-04	3.88E-04	4.94E-04	7.08E-04
557553.484160718.78	557553	4160719	557553.484160718.78	557553.48	4160718.78	HOTEL_29	RESIDENT	5.17E-04	3.87E-04	4.93E-04	7.07E-04
557553.484160728.78	557553	4160729	557553.484160728.78	557553.48	4160728.78	HOTEL_30	RESIDENT	5.17E-04	3.87E-04	4.92E-04	7.06E-04
557563.484160678.78	557563	4160679	557563.484160678.78	557563.48	4160678.78	HOTEL_31	RESIDENT	5.40E-04	4.04E-04	5.14E-04	7.38E-04
557563.484160688.78	557563	4160689	557563.484160688.78	557563.48	4160688.78	HOTEL_32	RESIDENT	5.37E-04	4.02E-04	5.12E-04	7.34E-04
557563.484160698.78	557563	4160699	557563.484160698.78	557563.48	4160698.78	HOTEL_33	RESIDENT	5.35E-04	4.01E-04	5.10E-04	7.32E-04
557563.484160708.78	557563	4160709	557563.484160708.78	557563.48	4160708.78	HOTEL_34	RESIDENT	5.34E-04	4.00E-04	5.09E-04	7.30E-04
557563.484160718.78	557563	4160719	557563.484160718.78	557563.48	4160718.78	HOTEL_35	RESIDENT	5.33E-04	3.99E-04	5.08E-04	7.28E-04
557563.484160728.78	557563	4160729	557563.484160728.78	557563.48	4160728.78	HOTEL_36	RESIDENT	5.33E-04	3.99E-04	5.08E-04	7.28E-04
557573.484160678.78	557573	4160679	557573.484160678.78	557573.48	4160678.78	HOTEL_37	RESIDENT	5.55E-04	4.15E-04	5.29E-04	7.58E-04
557573.484160688.78	557573	4160689	557573.484160688.78	557573.48	4160688.78	HOTEL_38	RESIDENT	5.54E-04	4.14E-04	5.28E-04	7.57E-04
557573.484160698.78	557573	4160699	557573.484160698.78	557573.48	4160698.78	HOTEL_39	RESIDENT	5.52E-04	4.13E-04	5.26E-04	7.54E-04
557573.484160708.78	557573	4160709	557573.484160708.78	557573.48	4160708.78	HOTEL_40	RESIDENT	5.51E-04	4.12E-04	5.25E-04	7.53E-04
557573.484160718.78	557573	4160719	557573.484160718.78	557573.48	4160718.78	HOTEL_41	RESIDENT	5.49E-04	4.11E-04	5.24E-04	7.51E-04
557573.484160728.78	557573	4160729	557573.484160728.78	557573.48	4160728.78	HOTEL_42	RESIDENT	5.49E-04	4.11E-04	5.23E-04	7.51E-04
557583.484160678.78	557583	4160679	557583.484160678.78	557583.48	4160678.78	HOTEL_43	RESIDENT	5.72E-04	4.28E-04	5.45E-04	7.81E-04
557583.484160688.78	557583	4160689	557583.484160688.78	557583.48	4160688.78	HOTEL_44	RESIDENT	5.70E-04	4.26E-04	5.43E-04	7.79E-04
557583.484160698.78	557583	4160699	557583.484160698.78	557583.48	4160698.78	HOTEL_45	RESIDENT	5.69E-04	4.26E-04	5.42E-04	7.77E-04
557583.484160708.78	557583	4160709	557583.484160708.78	557583.48	4160708.78	HOTEL_46	RESIDENT	5.68E-04	4.26E-04	5.42E-04	7.77E-04
557583.484160718.78	557583	4160719	557583.484160718.78	557583.48	4160718.78	HOTEL_47	RESIDENT	5.67E-04	4.24E-04	5.40E-04	7.75E-04
557583.484160728.78	557583	4160729	557583.484160728.78	557583.48	4160728.78	HOTEL_48	RESIDENT	5.66E-04	4.24E-04	5.40E-04	7.74E-04
557593.484160678.78	557593	4160679	557593.484160678.78	557593.48	4160678.78	HOTEL_49	RESIDENT	5.90E-04	4.42E-04	5.62E-04	8.07E-04
557593.484160688.78	557593	4160689	557593.484160688.78	557593.48	4160688.78	HOTEL_50	RESIDENT	5.89E-04	4.41E-04	5.61E-04	8.05E-04
557593.484160698.78	557593	4160699	557593.484160698.78	557593.48	4160698.78	HOTEL_51	RESIDENT	5.87E-04	4.39E-04	5.60E-04	8.03E-04
557593.484160708.78	557593	4160709	557593.484160708.78	557593.48	4160708.78	HOTEL_52	RESIDENT	5.86E-04	4.39E-04	5.59E-04	8.01E-04
557593.484160718.78	557593	4160719	557593.484160718.78	557593.48	4160718.78	HOTEL_53	RESIDENT	5.85E-04	4.38E-04	5.58E-04	8.00E-04
557593.484160728.78	557593	4160729	557593.484160728.78	557593.48	4160728.78	HOTEL_54	RESIDENT	5.85E-04	4.38E-04	5.57E-04	7.99E-04
557603.484160678.78	557603	4160679	557603.484160678.78	557603.48	4160678.78	HOTEL_55	RESIDENT	6.10E-04	4.56E-04	5.81E-04	8.33E-04

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

Max Project Chronic HI								CHRONIC HI			
XY	X	Y	XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
557603.484160688.78	557603	4160689	557603.484160688.78	557603.48	4160688.78	HOTEL_56	RESIDENT	6.08E-04	4.55E-04	5.80E-04	8.32E-04
557603.484160698.78	557603	4160699	557603.484160698.78	557603.48	4160698.78	HOTEL_57	RESIDENT	6.07E-04	4.54E-04	5.78E-04	8.29E-04
557603.484160708.78	557603	4160709	557603.484160708.78	557603.48	4160708.78	HOTEL_58	RESIDENT	6.05E-04	4.53E-04	5.77E-04	8.27E-04
557603.484160718.78	557603	4160719	557603.484160718.78	557603.48	4160718.78	HOTEL_59	RESIDENT	6.05E-04	4.53E-04	5.77E-04	8.27E-04
557613.484160678.78	557613	4160679	557613.484160678.78	557613.48	4160678.78	HOTEL_60	RESIDENT	6.32E-04	4.73E-04	6.03E-04	8.64E-04
557613.484160688.78	557613	4160689	557613.484160688.78	557613.48	4160688.78	HOTEL_61	RESIDENT	6.30E-04	4.72E-04	6.00E-04	8.61E-04
557613.484160698.78	557613	4160699	557613.484160698.78	557613.48	4160698.78	HOTEL_62	RESIDENT	6.28E-04	4.70E-04	5.98E-04	8.58E-04
557613.484160708.78	557613	4160709	557613.484160708.78	557613.48	4160708.78	HOTEL_63	RESIDENT	6.27E-04	4.69E-04	5.97E-04	8.56E-04
557623.484160688.78	557623	4160689	557623.484160688.78	557623.48	4160688.78	HOTEL_64	RESIDENT	6.52E-04	4.88E-04	6.21E-04	8.91E-04
557623.484160698.78	557623	4160699	557623.484160698.78	557623.48	4160698.78	HOTEL_65	RESIDENT	6.49E-04	4.86E-04	6.19E-04	8.87E-04
557623.484160708.78	557623	4160709	557623.484160708.78	557623.48	4160708.78	HOTEL_66	RESIDENT	6.49E-04	4.86E-04	6.18E-04	8.87E-04
558477.664160568.94	558478	4160569	558477.664160568.94	558477.66	4160568.94	WRKR_512	WORKER	8.41E-03	6.30E-03	8.02E-03	1.15E-02
558477.664160578.94	558478	4160579	558477.664160578.94	558477.66	4160578.94	WRKR_513	WORKER	9.24E-03	6.92E-03	8.80E-03	1.26E-02
558477.664160588.94	558478	4160589	558477.664160588.94	558477.66	4160588.94	WRKR_514	WORKER	1.01E-02	7.59E-03	9.66E-03	1.39E-02
558477.664160598.94	558478	4160599	558477.664160598.94	558477.66	4160598.94	WRKR_515	WORKER	1.11E-02	8.32E-03	1.06E-02	1.52E-02
558487.664160568.94	558488	4160569	558487.664160568.94	558487.66	4160568.94	WRKR_516	WORKER	8.01E-03	6.00E-03	7.64E-03	1.10E-02
558487.664160578.94	558488	4160579	558487.664160578.94	558487.66	4160578.94	WRKR_517	WORKER	8.73E-03	6.54E-03	8.32E-03	1.19E-02
558487.664160588.94	558488	4160589	558487.664160588.94	558487.66	4160588.94	WRKR_518	WORKER	9.50E-03	7.11E-03	9.05E-03	1.30E-02
558487.664160598.94	558488	4160599	558487.664160598.94	558487.66	4160598.94	WRKR_519	WORKER	1.03E-02	7.73E-03	9.84E-03	1.41E-02
558497.664160568.94	558498	4160569	558497.664160568.94	558497.66	4160568.94	WRKR_520	WORKER	7.73E-03	5.79E-03	7.37E-03	1.06E-02
558497.664160578.94	558498	4160579	558497.664160578.94	558497.66	4160578.94	WRKR_521	WORKER	8.38E-03	6.28E-03	7.99E-03	1.15E-02
558497.664160588.94	558498	4160589	558497.664160588.94	558497.66	4160588.94	WRKR_522	WORKER	9.07E-03	6.80E-03	8.65E-03	1.24E-02
558497.664160598.94	558498	4160599	558497.664160598.94	558497.66	4160598.94	WRKR_523	WORKER	9.78E-03	7.33E-03	9.33E-03	1.34E-02
558507.664160568.94	558508	4160569	558507.664160568.94	558507.66	4160568.94	WRKR_524	WORKER	7.51E-03	5.63E-03	7.16E-03	1.03E-02
558507.664160578.94	558508	4160579	558507.664160578.94	558507.66	4160578.94	WRKR_525	WORKER	8.09E-03	6.06E-03	7.71E-03	1.11E-02
558507.664160588.94	558508	4160589	558507.664160588.94	558507.66	4160588.94	WRKR_526	WORKER	8.72E-03	6.53E-03	8.31E-03	1.19E-02
558507.664160598.94	558508	4160599	558507.664160598.94	558507.66	4160598.94	WRKR_527	WORKER	9.35E-03	7.01E-03	8.92E-03	1.28E-02
558517.664160568.94	558518	4160569	558517.664160568.94	558517.66	4160568.94	WRKR_528	WORKER	7.27E-03	5.44E-03	6.93E-03	9.93E-03
558517.664160578.94	558518	4160579	558517.664160578.94	558517.66	4160578.94	WRKR_529	WORKER	7.79E-03	5.84E-03	7.43E-03	1.06E-02
558517.664160588.94	558518	4160589	558517.664160588.94	558517.66	4160588.94	WRKR_530	WORKER	8.34E-03	6.25E-03	7.95E-03	1.14E-02
558517.664160598.94	558518	4160599	558517.664160598.94	558517.66	4160598.94	WRKR_531	WORKER	8.89E-03	6.67E-03	8.48E-03	1.22E-02
558527.664160568.94	558528	4160569	558527.664160568.94	558527.66	4160568.94	WRKR_532	WORKER	7.01E-03	5.25E-03	6.68E-03	9.58E-03
558527.664160578.94	558528	4160579	558527.664160578.94	558527.66	4160578.94	WRKR_533	WORKER	7.48E-03	5.61E-03	7.14E-03	1.02E-02
558527.664160588.94	558528	4160589	558527.664160588.94	558527.66	4160588.94	WRKR_534	WORKER	7.96E-03	5.97E-03	7.59E-03	1.09E-02
558527.664160598.94	558528	4160599	558527.664160598.94	558527.66	4160598.94	WRKR_535	WORKER	8.43E-03	6.32E-03	8.04E-03	1.15E-02
558537.664160568.94	558538	4160569	558537.664160568.94	558537.66	4160568.94	WRKR_536	WORKER	6.76E-03	5.07E-03	6.44E-03	9.24E-03
558537.664160578.94	558538	4160579	558537.664160578.94	558537.66	4160578.94	WRKR_537	WORKER	7.18E-03	5.38E-03	6.85E-03	9.82E-03
558537.664160588.94	558538	4160589	558537.664160588.94	558537.66	4160588.94	WRKR_538	WORKER	7.59E-03	5.69E-03	7.24E-03	1.04E-02
558537.664160598.94	558538	4160599	558537.664160598.94	558537.66	4160598.94	WRKR_539	WORKER	7.99E-03	5.99E-03	7.62E-03	1.09E-02
558547.664160568.94	558548	4160569	558547.664160568.94	558547.66	4160568.94	WRKR_540	WORKER	6.51E-03	4.88E-03	6.21E-03	8.90E-03
558547.664160578.94	558548	4160579	558547.664160578.94	558547.66	4160578.94	WRKR_541	WORKER	6.88E-03	5.16E-03	6.56E-03	9.41E-03
558547.664160588.94	558548	4160589	558547.664160588.94	558547.66	4160588.94	WRKR_542	WORKER	7.23E-03	5.42E-03	6.89E-03	9.88E-03
558557.664160568.94	558558	4160569	558557.664160568.94	558557.66	4160568.94	WRKR_543	WORKER	6.27E-03	4.70E-03	5.97E-03	8.57E-03
558600.644160569.24	558601	4160569	558600.644160569.24	558600.64	4160569.24	WRKR_544	WORKER	5.30E-03	3.97E-03	5.05E-03	7.24E-03
558600.644160579.24	558601	4160579	558600.644160579.24	558600.64	4160579.24	WRKR_545	WORKER	5.46E-03	4.10E-03	5.21E-03	7.47E-03
558600.644160589.24	558601	4160589	558600.644160589.24	558600.64	4160589.24	WRKR_546	WORKER	5.62E-03	4.21E-03	5.36E-03	7.68E-03
558600.644160599.24	558601	4160599	558600.644160599.24	558600.64	4160599.24	WRKR_547	WORKER	5.74E-03	4.31E-03	5.48E-03	7.85E-03
558610.644160569.24	558611	4160569	558610.644160569.24	558610.64	4160569.24	WRKR_548	WORKER	5.07E-03	3.80E-03	4.83E-03	6.93E-03
558610.644160579.24	558611	4160579	558610.644160579.24	558610.64	4160579.24	WRKR_549	WORKER	5.21E-03	3.91E-03	4.97E-03	7.12E-03
558610.644160589.24	558611	4160589	558610.644160589.24	558610.64	4160589.24	WRKR_550	WORKER	5.33E-03	4.00E-03	5.09E-03	7.29E-03
558610.644160599.24	558611	4160599	558610.644160599.24	558610.64	4160599.24	WRKR_551	WORKER	5.43E-03	4.07E-03	5.18E-03	7.43E-03
558620.644160569.24	558621	4160569	558620.644160569.24	558620.64	4160569.24	WRKR_552	WORKER	4.85E-03	3.64E-03	4.62E-03	6.63E-03
558620.644160579.24	558621	4160579	558620.644160579.24	558620.64	4160579.24	WRKR_553	WORKER	4.96E-03	3.72E-03	4.74E-03	6.79E-03
558620.644160589.24	558621	4160589	558620.644160589.24	558620.64	4160589.24	WRKR_554	WORKER	5.07E-03	3.80E-03	4.84E-03	6.93E-03
558620.644160599.24	558621	4160599	558620.644160599.24	558620.64	4160599.24	WRKR_555	WORKER	5.15E-03	3.86E-03	4.91E-03	7.04E-03
558630.644160569.24	558631	4160569	558630.644160569.24	558630.64	4160569.24	WRKR_556	WORKER	4.63E-03	3.47E-03	4.42E-03	6.33E-03
558630.644160579.24	558631	4160579	558630.644160579.24	558630.64	4160579.24	WRKR_557	WORKER	4.74E-03	3.55E-03	4.52E-03	6.47E-03
558630.644160589.24	558631	4160589	558630.644160589.24	558630.64	4160589.24	WRKR_558	WORKER	4.82E-03	3.61E-03	4.60E-03	6.59E-03
558630.644160599.24	558631	4160599	558630.644160599.24	558630.64	4160599.24	WRKR_559	WORKER	4.88E-03	3.66E-03	4.65E-03	6.67E-03
558640.644160569.24	558641	4160569	558640.644160569.24	558640.64	4160569.24	WRKR_560	WORKER	4.43E-03	3.32E-03	4.22E-03	6.05E-03
558640.644160579.24	558641	4160579	558640.644160579.24	558640.64	4160579.24	WRKR_561	WORKER	4.51E-03	3.38E-03	4.30E-03	6.17E-03
558640.644160589.24	558641	4160589	558640.644160589.24	558640.64	4160589.24	WRKR_562	WORKER	4.58E-03	3.43E-03	4.36E-03	6.26E-03
558640.644160599.24	558641	4160599	558640.644160599.24	558640.64	4160599.24	WRKR_563	WORKER	4.62E-03	3.46E-03	4.41E-03	6.32E-03
558650.644160569.24	558651	4160569	558650.644160569.24	558650.64	4160569.24	WRKR_564	WORKER	4.23E-03	3.17E-03	4.03E-03	5.78E-03
558650.644160579.24	558651	4160579	558650.644160579.24	558650.64	4160579.24	WRKR_565	WORKER	4.30E-03	3.22E-03	4.10E-03	5.87E-03
558650.644160589.24	558651	4160589	558650.644160589.24	558650.64	4160589.24	WRKR_566	WORKER	4.35E-03	3.26E-03	4.15E-03	5.94E-03
558650.644160599.24	558651	4160599	558650.644160599.24	558650.64	4160599.24	WRKR_567	WORKER	4.38E-03	3.29E-03	4.18E-03	5.99E-03
558660.644160569.24	558661	4160569	558660.644160569.24	558660.64	4160569.24	WRKR_568	WORKER	4.04E-03	3.03E-03	3.85E-03	5.52E-03
558660.644160579.24	558661	4160579	558660.644160579.24	558660.64	4160579.24	WRKR_569	WORKER	4.10E-03	3.07E-03	3.91E-03	5.60E-03
558660.644160589.24	558661	4160589	558660.644160589.24	558660.64	4160589.24	WRKR_570	WORKER	4.14E-03	3.10E-03	3.95E-03	5.66E-03
558660.644160599.24	558661	4160599	558660.644160599.24	558660.64	4160599.24	WRKR_571	WORKER	4.17E-03	3.12E-03	3.97E-03	5.70E-03
558670.644160569.24	558671	4160569	558670.644160569.24	558670.64	4160569.24	WRKR_572	WORKER	3.86E-03	2.90E-03	3.68E-03	5.28E-03
558670.644160579.24	558671	4160579	558670.644160579.24	558670.64	4160579.24	WRKR_573	WORKER	3.91E-03	2.93E-03	3.73E-03	5.34E-03

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

Max Project Chronic HI

								CHRONIC HI			
XY	X	Y	XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558670.644160589.24	558671	4160589	558670.644160589.24	558670.64	4160589.24	WRKR_574	WORKER	3.94E-03	2.95E-03	3.76E-03	5.39E-03
558495.44160499.48	558495	4160499	558495.44160499.48	558495.4	4160499.48	WRKR_575	WORKER	4.38E-03	3.28E-03	4.18E-03	5.99E-03
558495.44160509.48	558495	4160509	558495.44160509.48	558495.4	4160509.48	WRKR_576	WORKER	4.78E-03	3.58E-03	4.55E-03	6.53E-03
558495.44160519.48	558495	4160519	558495.44160519.48	558495.4	4160519.48	WRKR_577	WORKER	5.20E-03	3.90E-03	4.96E-03	7.11E-03
558495.44160529.48	558495	4160529	558495.44160529.48	558495.4	4160529.48	WRKR_578	WORKER	5.67E-03	4.25E-03	5.41E-03	7.75E-03
558505.44160499.48	558505	4160499	558505.44160499.48	558505.4	4160499.48	WRKR_579	WORKER	4.33E-03	3.24E-03	4.13E-03	5.91E-03
558505.44160509.48	558505	4160509	558505.44160509.48	558505.4	4160509.48	WRKR_580	WORKER	4.71E-03	3.53E-03	4.49E-03	6.44E-03
558505.44160519.48	558505	4160519	558505.44160519.48	558505.4	4160519.48	WRKR_581	WORKER	5.12E-03	3.83E-03	4.88E-03	7.00E-03
558505.44160529.48	558505	4160529	558505.44160529.48	558505.4	4160529.48	WRKR_582	WORKER	5.56E-03	4.17E-03	5.30E-03	7.60E-03
558515.44160499.48	558515	4160499	558515.44160499.48	558515.4	4160499.48	WRKR_583	WORKER	4.27E-03	3.20E-03	4.07E-03	5.84E-03
558515.44160509.48	558515	4160509	558515.44160509.48	558515.4	4160509.48	WRKR_584	WORKER	4.64E-03	3.48E-03	4.42E-03	6.34E-03
558515.44160519.48	558515	4160519	558515.44160519.48	558515.4	4160519.48	WRKR_585	WORKER	5.03E-03	3.77E-03	4.80E-03	6.88E-03
558515.44160529.48	558515	4160529	558515.44160529.48	558515.4	4160529.48	WRKR_586	WORKER	5.45E-03	4.09E-03	5.20E-03	7.46E-03
558525.44160499.48	558525	4160499	558525.44160499.48	558525.4	4160499.48	WRKR_587	WORKER	4.22E-03	3.17E-03	4.03E-03	5.77E-03
558525.44160509.48	558525	4160509	558525.44160509.48	558525.4	4160509.48	WRKR_588	WORKER	4.57E-03	3.43E-03	4.36E-03	6.25E-03
558525.44160519.48	558525	4160519	558525.44160519.48	558525.4	4160519.48	WRKR_589	WORKER	4.95E-03	3.71E-03	4.72E-03	6.77E-03
558525.44160529.48	558525	4160529	558525.44160529.48	558525.4	4160529.48	WRKR_590	WORKER	5.35E-03	4.01E-03	5.10E-03	7.31E-03
558535.44160499.48	558535	4160499	558535.44160499.48	558535.4	4160499.48	WRKR_591	WORKER	4.17E-03	3.13E-03	3.98E-03	5.70E-03
558535.44160509.48	558535	4160509	558535.44160509.48	558535.4	4160509.48	WRKR_592	WORKER	4.51E-03	3.38E-03	4.30E-03	6.16E-03
558535.44160519.48	558535	4160519	558535.44160519.48	558535.4	4160519.48	WRKR_593	WORKER	4.86E-03	3.65E-03	4.64E-03	6.65E-03
558535.44160529.48	558535	4160529	558535.44160529.48	558535.4	4160529.48	WRKR_594	WORKER	5.25E-03	3.93E-03	5.00E-03	7.17E-03
558545.44160499.48	558545	4160499	558545.44160499.48	558545.4	4160499.48	WRKR_595	WORKER	4.12E-03	3.09E-03	3.93E-03	5.63E-03
558545.44160509.48	558545	4160509	558545.44160509.48	558545.4	4160509.48	WRKR_596	WORKER	4.44E-03	3.33E-03	4.23E-03	6.07E-03
558545.44160519.48	558545	4160519	558545.44160519.48	558545.4	4160519.48	WRKR_597	WORKER	4.78E-03	3.58E-03	4.56E-03	6.53E-03
558545.44160529.48	558545	4160529	558545.44160529.48	558545.4	4160529.48	WRKR_598	WORKER	5.14E-03	3.86E-03	4.90E-03	7.03E-03
558555.44160499.48	558555	4160499	558555.44160499.48	558555.4	4160499.48	WRKR_599	WORKER	4.06E-03	3.05E-03	3.88E-03	5.55E-03
558555.44160509.48	558555	4160509	558555.44160509.48	558555.4	4160509.48	WRKR_600	WORKER	4.37E-03	3.28E-03	4.17E-03	5.97E-03
558555.44160519.48	558555	4160519	558555.44160519.48	558555.4	4160519.48	WRKR_601	WORKER	4.69E-03	3.52E-03	4.48E-03	6.42E-03
558555.44160529.48	558555	4160529	558555.44160529.48	558555.4	4160529.48	WRKR_602	WORKER	5.03E-03	3.77E-03	4.80E-03	6.88E-03
558565.44160499.48	558565	4160499	558565.44160499.48	558565.4	4160499.48	WRKR_603	WORKER	4.00E-03	3.00E-03	3.82E-03	5.47E-03
558565.44160509.48	558565	4160509	558565.44160509.48	558565.4	4160509.48	WRKR_604	WORKER	4.29E-03	3.22E-03	4.10E-03	5.87E-03
558565.44160519.48	558565	4160519	558565.44160519.48	558565.4	4160519.48	WRKR_605	WORKER	4.59E-03	3.44E-03	4.38E-03	6.28E-03
558565.44160529.48	558565	4160529	558565.44160529.48	558565.4	4160529.48	WRKR_606	WORKER	4.91E-03	3.68E-03	4.68E-03	6.71E-03
558618.984160498.88	558619	4160499	558618.984160498.88	558618.98	4160498.88	WRKR_607	WORKER	3.61E-03	2.71E-03	3.45E-03	4.94E-03
558618.984160508.88	558619	4160509	558618.984160508.88	558618.98	4160508.88	WRKR_608	WORKER	3.82E-03	2.86E-03	3.64E-03	5.22E-03
558618.984160518.88	558619	4160519	558618.984160518.88	558618.98	4160518.88	WRKR_609	WORKER	4.01E-03	3.01E-03	3.83E-03	5.49E-03
558618.984160528.88	558619	4160529	558618.984160528.88	558618.98	4160528.88	WRKR_610	WORKER	4.21E-03	3.16E-03	4.02E-03	5.76E-03
558628.984160498.88	558629	4160499	558628.984160498.88	558628.98	4160498.88	WRKR_611	WORKER	3.54E-03	2.66E-03	3.38E-03	4.84E-03
558628.984160508.88	558629	4160509	558628.984160508.88	558628.98	4160508.88	WRKR_612	WORKER	3.72E-03	2.80E-03	3.56E-03	5.09E-03
558628.984160518.88	558629	4160519	558628.984160518.88	558628.98	4160518.88	WRKR_613	WORKER	3.91E-03	2.93E-03	3.73E-03	5.34E-03
558628.984160528.88	558629	4160529	558628.984160528.88	558628.98	4160528.88	WRKR_614	WORKER	4.08E-03	3.06E-03	3.89E-03	5.58E-03
558638.984160498.88	558639	4160499	558638.984160498.88	558638.98	4160498.88	WRKR_615	WORKER	3.46E-03	2.60E-03	3.30E-03	4.73E-03
558638.984160508.88	558639	4160509	558638.984160508.88	558638.98	4160508.88	WRKR_616	WORKER	3.63E-03	2.72E-03	3.46E-03	4.96E-03
558638.984160518.88	558639	4160519	558638.984160518.88	558638.98	4160518.88	WRKR_617	WORKER	3.79E-03	2.85E-03	3.62E-03	5.19E-03
558638.984160528.88	558639	4160529	558638.984160528.88	558638.98	4160528.88	WRKR_618	WORKER	3.95E-03	2.96E-03	3.77E-03	5.40E-03
558648.984160498.88	558649	4160499	558648.984160498.88	558648.98	4160498.88	WRKR_619	WORKER	3.38E-03	2.54E-03	3.22E-03	4.62E-03
558648.984160508.88	558649	4160509	558648.984160508.88	558648.98	4160508.88	WRKR_620	WORKER	3.53E-03	2.65E-03	3.37E-03	4.83E-03
558648.984160518.88	558649	4160519	558648.984160518.88	558648.98	4160518.88	WRKR_621	WORKER	3.68E-03	2.76E-03	3.51E-03	5.03E-03
558648.984160528.88	558649	4160529	558648.984160528.88	558648.98	4160528.88	WRKR_622	WORKER	3.82E-03	2.87E-03	3.64E-03	5.22E-03
558658.984160498.88	558659	4160499	558658.984160498.88	558658.98	4160498.88	WRKR_623	WORKER	3.29E-03	2.47E-03	3.14E-03	4.50E-03
558658.984160508.88	558659	4160509	558658.984160508.88	558658.98	4160508.88	WRKR_624	WORKER	3.43E-03	2.58E-03	3.27E-03	4.69E-03
558658.984160518.88	558659	4160519	558658.984160518.88	558658.98	4160518.88	WRKR_625	WORKER	3.57E-03	2.68E-03	3.40E-03	4.88E-03
558658.984160528.88	558659	4160529	558658.984160528.88	558658.98	4160528.88	WRKR_626	WORKER	3.69E-03	2.77E-03	3.52E-03	5.05E-03
558668.984160498.88	558669	4160499	558668.984160498.88	558668.98	4160498.88	WRKR_627	WORKER	3.21E-03	2.41E-03	3.06E-03	4.39E-03
558668.984160508.88	558669	4160509	558668.984160508.88	558668.98	4160508.88	WRKR_628	WORKER	3.33E-03	2.50E-03	3.18E-03	4.56E-03
558668.984160518.88	558669	4160519	558668.984160518.88	558668.98	4160518.88	WRKR_629	WORKER	3.46E-03	2.59E-03	3.30E-03	4.72E-03
558668.984160528.88	558669	4160529	558668.984160528.88	558668.98	4160528.88	WRKR_630	WORKER	3.57E-03	2.68E-03	3.40E-03	4.88E-03
558678.984160498.88	558679	4160499	558678.984160498.88	558678.98	4160498.88	WRKR_631	WORKER	3.12E-03	2.34E-03	2.98E-03	4.27E-03
558678.984160508.88	558679	4160509	558678.984160508.88	558678.98	4160508.88	WRKR_632	WORKER	3.24E-03	2.43E-03	3.09E-03	4.43E-03
558678.984160518.88	558679	4160519	558678.984160518.88	558678.98	4160518.88	WRKR_633	WORKER	3.35E-03	2.51E-03	3.19E-03	4.57E-03
558678.984160528.88	558679	4160529	558678.984160528.88	558678.98	4160528.88	WRKR_634	WORKER	3.44E-03	2.58E-03	3.29E-03	4.71E-03
558688.984160498.88	558689	4160499	558688.984160498.88	558688.98	4160498.88	WRKR_635	WORKER	3.04E-03	2.28E-03	2.90E-03	4.15E-03
558688.984160508.88	558689	4160509	558688.984160508.88	558688.98	4160508.88	WRKR_636	WORKER	3.14E-03	2.36E-03	3.00E-03	4.29E-03
558688.984160518.88	558689	4160519	558688.984160518.88	558688.98	4160518.88	WRKR_637	WORKER	3.24E-03	2.43E-03	3.09E-03	4.43E-03
558444.414160372.35	558444	4160372	558444.414160372.35	558444.41	4160372.35	WRKR_638	WORKER	1.53E-03	1.14E-03	1.46E-03	2.09E-03
558454.414160382.35	558454	4160382	558454.414160382.35	558454.41	4160382.35	WRKR_639	WORKER	1.61E-03	1.20E-03	1.53E-03	2.20E-03
558454.414160392.35	558454	4160392	558454.414160392.35	558454.41	4160392.35	WRKR_640	WORKER	1.73E-03	1.30E-03	1.65E-03	2.37E-03
558454.414160402.35	558454	4160402	558454.414160402.35	558454.41	4160402.35	WRKR_641	WORKER	1.88E-03	1.41E-03	1.79E-03	2.56E-03
558464.414160382.35	558464	4160382	558464.414160382.35	558464.41	4160382.35	WRKR_642	WORKER	1.60E-03	1.20E-03	1.52E-03	2.19E-03
558464.414160392.35	558464	4160392	558464.414160392.35	558464.41	4160392.35	WRKR_643	WORKER	1.73E-03	1.29E-03	1.65E-03	2.36E-03
558464.414160402.35	558464	4160402	558464.414160402.35	558464.41	4160402.35	WRKR_644	WORKER	1.87E-03	1.40E-03	1.78E-03	2.56E-03
558474.414160382.35	558474	4160382	558474.414160382.35	558474.41	4160382.35	WRKR_645	WORKER	1.59E-03	1.19E-03	1.52E-03	2.18E-03
558474.414160392.35	558474	4160392	558474.414160392.35	558474.41	4160392.35	WRKR_646	WORKER	1.72E-03	1.29E-03	1.64E-03	2.35E-03

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

Max Project Chronic HI

								CHRONIC HI			
XY	X	Y	XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558474.414160402.35	558474	4160402	558474.414160402.35	558474.41	4160402.35	WRKR_647	WORKER	1.86E-03	1.40E-03	1.78E-03	2.55E-03
558484.414160382.35	558484	4160382	558484.414160382.35	558484.41	4160382.35	WRKR_648	WORKER	1.59E-03	1.19E-03	1.52E-03	2.17E-03
558484.414160392.35	558484	4160392	558484.414160392.35	558484.41	4160392.35	WRKR_649	WORKER	1.71E-03	1.28E-03	1.63E-03	2.34E-03
558484.414160402.35	558484	4160402	558484.414160402.35	558484.41	4160402.35	WRKR_650	WORKER	1.85E-03	1.38E-03	1.76E-03	2.52E-03
558494.414160382.35	558494	4160382	558494.414160382.35	558494.41	4160382.35	WRKR_651	WORKER	1.59E-03	1.19E-03	1.52E-03	2.17E-03
558494.414160392.35	558494	4160392	558494.414160392.35	558494.41	4160392.35	WRKR_652	WORKER	1.71E-03	1.28E-03	1.63E-03	2.34E-03
558494.414160402.35	558494	4160402	558494.414160402.35	558494.41	4160402.35	WRKR_653	WORKER	1.85E-03	1.38E-03	1.76E-03	2.52E-03
558504.414160382.35	558504	4160382	558504.414160382.35	558504.41	4160382.35	WRKR_654	WORKER	1.59E-03	1.19E-03	1.52E-03	2.18E-03
558504.414160392.35	558504	4160392	558504.414160392.35	558504.41	4160392.35	WRKR_655	WORKER	1.73E-03	1.29E-03	1.65E-03	2.36E-03
558504.414160402.35	558504	4160402	558504.414160402.35	558504.41	4160402.35	WRKR_656	WORKER	1.88E-03	1.41E-03	1.79E-03	2.57E-03
558514.414160382.35	558514	4160382	558514.414160382.35	558514.41	4160382.35	WRKR_657	WORKER	1.60E-03	1.20E-03	1.53E-03	2.19E-03
558514.414160392.35	558514	4160392	558514.414160392.35	558514.41	4160392.35	WRKR_658	WORKER	1.73E-03	1.30E-03	1.65E-03	2.37E-03
558514.414160402.35	558514	4160402	558514.414160402.35	558514.41	4160402.35	WRKR_659	WORKER	1.89E-03	1.42E-03	1.80E-03	2.58E-03
558524.414160392.35	558524	4160392	558524.414160392.35	558524.41	4160392.35	WRKR_660	WORKER	1.74E-03	1.30E-03	1.66E-03	2.38E-03
558524.414160402.35	558524	4160402	558524.414160402.35	558524.41	4160402.35	WRKR_661	WORKER	1.89E-03	1.42E-03	1.81E-03	2.59E-03
558581.824160392.36	558582	4160392	558581.824160392.36	558581.82	4160392.36	WRKR_662	WORKER	1.80E-03	1.35E-03	1.72E-03	2.46E-03
558581.824160402.36	558582	4160402	558581.824160402.36	558581.82	4160402.36	WRKR_663	WORKER	1.94E-03	1.46E-03	1.85E-03	2.65E-03
558581.824160412.36	558582	4160412	558581.824160412.36	558581.82	4160412.36	WRKR_664	WORKER	2.09E-03	1.57E-03	2.00E-03	2.86E-03
558581.824160422.36	558582	4160422	558581.824160422.36	558581.82	4160422.36	WRKR_665	WORKER	2.25E-03	1.69E-03	2.15E-03	3.08E-03
558591.824160392.36	558592	4160392	558591.824160392.36	558591.82	4160392.36	WRKR_666	WORKER	1.81E-03	1.36E-03	1.73E-03	2.47E-03
558591.824160402.36	558592	4160402	558591.824160402.36	558591.82	4160402.36	WRKR_667	WORKER	1.95E-03	1.46E-03	1.86E-03	2.66E-03
558591.824160412.36	558592	4160412	558591.824160412.36	558591.82	4160412.36	WRKR_668	WORKER	2.09E-03	1.57E-03	2.00E-03	2.86E-03
558591.824160422.36	558592	4160422	558591.824160422.36	558591.82	4160422.36	WRKR_669	WORKER	2.25E-03	1.69E-03	2.15E-03	3.08E-03
558601.824160382.36	558602	4160382	558601.824160382.36	558601.82	4160382.36	WRKR_670	WORKER	1.69E-03	1.27E-03	1.61E-03	2.31E-03
558601.824160392.36	558602	4160392	558601.824160392.36	558601.82	4160392.36	WRKR_671	WORKER	1.81E-03	1.36E-03	1.73E-03	2.48E-03
558601.824160402.36	558602	4160402	558601.824160402.36	558601.82	4160402.36	WRKR_672	WORKER	1.95E-03	1.47E-03	1.86E-03	2.67E-03
558601.824160412.36	558602	4160412	558601.824160412.36	558601.82	4160412.36	WRKR_673	WORKER	2.10E-03	1.58E-03	2.00E-03	2.87E-03
558601.824160422.36	558602	4160422	558601.824160422.36	558601.82	4160422.36	WRKR_674	WORKER	2.25E-03	1.69E-03	2.15E-03	3.08E-03
558611.824160382.36	558612	4160382	558611.824160382.36	558611.82	4160382.36	WRKR_675	WORKER	1.70E-03	1.27E-03	1.62E-03	2.32E-03
558611.824160392.36	558612	4160392	558611.824160392.36	558611.82	4160392.36	WRKR_676	WORKER	1.82E-03	1.37E-03	1.74E-03	2.49E-03
558611.824160402.36	558612	4160402	558611.824160402.36	558611.82	4160402.36	WRKR_677	WORKER	1.95E-03	1.47E-03	1.87E-03	2.67E-03
558611.824160412.36	558612	4160412	558611.824160412.36	558611.82	4160412.36	WRKR_678	WORKER	2.09E-03	1.58E-03	2.00E-03	2.87E-03
558611.824160422.36	558612	4160422	558611.824160422.36	558611.82	4160422.36	WRKR_679	WORKER	2.25E-03	1.69E-03	2.15E-03	3.07E-03
558621.824160382.36	558622	4160382	558621.824160382.36	558621.82	4160382.36	WRKR_680	WORKER	1.70E-03	1.28E-03	1.62E-03	2.33E-03
558621.824160392.36	558622	4160392	558621.824160392.36	558621.82	4160392.36	WRKR_681	WORKER	1.82E-03	1.37E-03	1.74E-03	2.50E-03
558621.824160402.36	558622	4160402	558621.824160402.36	558621.82	4160402.36	WRKR_682	WORKER	1.96E-03	1.47E-03	1.87E-03	2.67E-03
558621.824160412.36	558622	4160412	558621.824160412.36	558621.82	4160412.36	WRKR_683	WORKER	2.09E-03	1.58E-03	2.00E-03	2.86E-03
558621.824160422.36	558622	4160422	558621.824160422.36	558621.82	4160422.36	WRKR_684	WORKER	2.24E-03	1.68E-03	2.14E-03	3.06E-03
558631.824160382.36	558632	4160382	558631.824160382.36	558631.82	4160382.36	WRKR_685	WORKER	1.71E-03	1.28E-03	1.63E-03	2.33E-03
558631.824160392.36	558632	4160392	558631.824160392.36	558631.82	4160392.36	WRKR_686	WORKER	1.83E-03	1.37E-03	1.75E-03	2.50E-03
558631.824160402.36	558632	4160402	558631.824160402.36	558631.82	4160402.36	WRKR_687	WORKER	1.96E-03	1.47E-03	1.87E-03	2.68E-03
558641.824160382.36	558642	4160382	558641.824160382.36	558641.82	4160382.36	WRKR_688	WORKER	1.71E-03	1.29E-03	1.63E-03	2.34E-03
558641.824160392.36	558642	4160392	558641.824160392.36	558641.82	4160392.36	WRKR_689	WORKER	1.83E-03	1.38E-03	1.75E-03	2.50E-03
558641.824160402.36	558642	4160402	558641.824160402.36	558641.82	4160402.36	WRKR_690	WORKER	1.95E-03	1.47E-03	1.87E-03	2.67E-03
558651.824160382.36	558652	4160382	558651.824160382.36	558651.82	4160382.36	WRKR_691	WORKER	1.71E-03	1.29E-03	1.64E-03	2.34E-03
558651.824160392.36	558652	4160392	558651.824160392.36	558651.82	4160392.36	WRKR_692	WORKER	1.83E-03	1.38E-03	1.75E-03	2.50E-03
558651.824160402.36	558652	4160402	558651.824160402.36	558651.82	4160402.36	WRKR_693	WORKER	1.95E-03	1.47E-03	1.86E-03	2.67E-03
558661.824160382.36	558662	4160382	558661.824160382.36	558661.82	4160382.36	WRKR_694	WORKER	1.71E-03	1.29E-03	1.64E-03	2.34E-03
558661.824160392.36	558662	4160392	558661.824160392.36	558661.82	4160392.36	WRKR_695	WORKER	1.83E-03	1.38E-03	1.75E-03	2.50E-03
558661.824160402.36	558662	4160402	558661.824160402.36	558661.82	4160402.36	WRKR_696	WORKER	1.95E-03	1.47E-03	1.86E-03	2.66E-03
558671.824160362.36	558672	4160362	558671.824160362.36	558671.82	4160362.36	WRKR_697	WORKER	1.51E-03	1.14E-03	1.44E-03	2.07E-03
558671.824160372.36	558672	4160372	558671.824160372.36	558671.82	4160372.36	WRKR_698	WORKER	1.61E-03	1.21E-03	1.54E-03	2.20E-03
558671.824160382.36	558672	4160382	558671.824160382.36	558671.82	4160382.36	WRKR_699	WORKER	1.71E-03	1.29E-03	1.64E-03	2.35E-03
558671.824160392.36	558672	4160392	558671.824160392.36	558671.82	4160392.36	WRKR_700	WORKER	1.82E-03	1.37E-03	1.74E-03	2.50E-03
558671.824160402.36	558672	4160402	558671.824160402.36	558671.82	4160402.36	WRKR_701	WORKER	1.94E-03	1.46E-03	1.86E-03	2.66E-03
558681.824160362.36	558682	4160362	558681.824160362.36	558681.82	4160362.36	WRKR_702	WORKER	1.51E-03	1.14E-03	1.45E-03	2.07E-03
558681.824160372.36	558682	4160372	558681.824160372.36	558681.82	4160372.36	WRKR_703	WORKER	1.61E-03	1.21E-03	1.54E-03	2.20E-03
558681.824160382.36	558682	4160382	558681.824160382.36	558681.82	4160382.36	WRKR_704	WORKER	1.71E-03	1.29E-03	1.64E-03	2.34E-03
558681.824160392.36	558682	4160392	558681.824160392.36	558681.82	4160392.36	WRKR_705	WORKER	1.82E-03	1.37E-03	1.74E-03	2.49E-03
558681.824160402.36	558682	4160402	558681.824160402.36	558681.82	4160402.36	WRKR_706	WORKER	1.93E-03	1.46E-03	1.85E-03	2.65E-03
558691.824160362.36	558692	4160362	558691.824160362.36	558691.82	4160362.36	WRKR_707	WORKER	1.52E-03	1.14E-03	1.45E-03	2.08E-03
558691.824160372.36	558692	4160372	558691.824160372.36	558691.82	4160372.36	WRKR_708	WORKER	1.61E-03	1.22E-03	1.54E-03	2.21E-03
558691.824160382.36	558692	4160382	558691.824160382.36	558691.82	4160382.36	WRKR_709	WORKER	1.71E-03	1.29E-03	1.64E-03	2.34E-03
558691.824160392.36	558692	4160392	558691.824160392.36	558691.82	4160392.36	WRKR_710	WORKER	1.82E-03	1.37E-03	1.74E-03	2.48E-03
558691.824160402.36	558692	4160402	558691.824160402.36	558691.82	4160402.36	WRKR_711	WORKER	1.92E-03	1.45E-03	1.84E-03	2.63E-03
558701.824160362.36	558702	4160362	558701.824160362.36	558701.82	4160362.36	WRKR_712	WORKER	1.52E-03	1.15E-03	1.45E-03	2.08E-03
558701.824160372.36	558702	4160372	558701.824160372.36	558701.82	4160372.36	WRKR_713	WORKER	1.61E-03	1.22E-03	1.54E-03	2.21E-03
558701.824160382.36	558702	4160382	558701.824160382.36	558701.82	4160382.36	WRKR_714	WORKER	1.71E-03	1.29E-03	1.63E-03	2.34E-03
558701.824160392.36	558702	4160392	558701.824160392.36	558701.82	4160392.36	WRKR_715	WORKER	1.81E-03	1.37E-03	1.73E-03	2.48E-03
558701.824160402.36	558702	4160402	558701.824160402.36	558701.82	4160402.36	WRKR_716	WORKER	1.91E-03	1.45E-03	1.83E-03	2.62E-03
558711.824160362.36	558712	4160362	558711.824160362.36	558711.82	4160362.36	WRKR_717	WORKER	1.52E-03	1.15E-03	1.46E-03	2.08E-03
558711.824160372.36	558712	4160372	558711.824160372.36	558711.82	4160372.36	WRKR_718	WORKER	1.61E-03	1.22E-03	1.54E-03	2.21E-03
558711.824160382.36	558712	4160382	558711.824160382.36	558711.82	4160382.36	WRKR_719	WORKER	1.70E-03	1.28E-03	1.63E-03	2.33E-03

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

Max Project Chronic HI

								CHRONIC HI			
XY	X	Y	XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558711.824160392.36	558712	4160392	558711.824160392.36	558711.82	4160392.36	WRKR_720	WORKER	1.80E-03	1.36E-03	1.73E-03	2.47E-03
558711.824160402.36	558712	4160402	558711.824160402.36	558711.82	4160402.36	WRKR_721	WORKER	1.89E-03	1.43E-03	1.81E-03	2.59E-03
558721.824160362.36	558722	4160362	558721.824160362.36	558721.82	4160362.36	WRKR_722	WORKER	1.51E-03	1.14E-03	1.45E-03	2.07E-03
558721.824160372.36	558722	4160372	558721.824160372.36	558721.82	4160372.36	WRKR_723	WORKER	1.60E-03	1.21E-03	1.53E-03	2.19E-03
558721.824160382.36	558722	4160382	558721.824160382.36	558721.82	4160382.36	WRKR_724	WORKER	1.69E-03	1.28E-03	1.62E-03	2.32E-03
558721.824160392.36	558722	4160392	558721.824160392.36	558721.82	4160392.36	WRKR_725	WORKER	1.78E-03	1.34E-03	1.70E-03	2.44E-03
558721.824160402.36	558722	4160402	558721.824160402.36	558721.82	4160402.36	WRKR_726	WORKER	1.88E-03	1.41E-03	1.79E-03	2.57E-03
558690.094160295.24	558690	4160295	558690.094160295.24	558690.09	4160295.24	WRKR_727	WORKER	9.90E-04	7.48E-04	9.47E-04	1.35E-03
558690.094160305.24	558690	4160305	558690.094160305.24	558690.09	4160305.24	WRKR_728	WORKER	1.05E-03	7.95E-04	1.01E-03	1.44E-03
558690.094160315.24	558690	4160315	558690.094160315.24	558690.09	4160315.24	WRKR_729	WORKER	1.12E-03	8.45E-04	1.07E-03	1.53E-03
558690.094160325.24	558690	4160325	558690.094160325.24	558690.09	4160325.24	WRKR_730	WORKER	1.19E-03	8.99E-04	1.14E-03	1.63E-03
558690.094160335.24	558690	4160335	558690.094160335.24	558690.09	4160335.24	WRKR_731	WORKER	1.27E-03	9.57E-04	1.21E-03	1.74E-03
558700.094160295.24	558700	4160295	558700.094160295.24	558700.09	4160295.24	WRKR_732	WORKER	9.98E-04	7.55E-04	9.56E-04	1.37E-03
558700.094160305.24	558700	4160305	558700.094160305.24	558700.09	4160305.24	WRKR_733	WORKER	1.06E-03	8.03E-04	1.02E-03	1.45E-03
558700.094160315.24	558700	4160315	558700.094160315.24	558700.09	4160315.24	WRKR_734	WORKER	1.13E-03	8.53E-04	1.08E-03	1.54E-03
558700.094160325.24	558700	4160325	558700.094160325.24	558700.09	4160325.24	WRKR_735	WORKER	1.20E-03	9.06E-04	1.15E-03	1.64E-03
558700.094160335.24	558700	4160335	558700.094160335.24	558700.09	4160335.24	WRKR_736	WORKER	1.28E-03	9.63E-04	1.22E-03	1.75E-03
558710.094160295.24	558710	4160295	558710.094160295.24	558710.09	4160295.24	WRKR_737	WORKER	1.01E-03	7.65E-04	9.67E-04	1.38E-03
558710.094160305.24	558710	4160305	558710.094160305.24	558710.09	4160305.24	WRKR_738	WORKER	1.07E-03	8.12E-04	1.03E-03	1.47E-03
558710.094160315.24	558710	4160315	558710.094160315.24	558710.09	4160315.24	WRKR_739	WORKER	1.14E-03	8.62E-04	1.09E-03	1.56E-03
558710.094160325.24	558710	4160325	558710.094160325.24	558710.09	4160325.24	WRKR_740	WORKER	1.21E-03	9.14E-04	1.16E-03	1.65E-03
558710.094160335.24	558710	4160335	558710.094160335.24	558710.09	4160335.24	WRKR_741	WORKER	1.28E-03	9.70E-04	1.23E-03	1.76E-03
558720.094160295.24	558720	4160295	558720.094160295.24	558720.09	4160295.24	WRKR_742	WORKER	1.01E-03	7.68E-04	9.72E-04	1.39E-03
558720.094160305.24	558720	4160305	558720.094160305.24	558720.09	4160305.24	WRKR_743	WORKER	1.07E-03	8.09E-04	1.03E-03	1.47E-03
558720.094160315.24	558720	4160315	558720.094160315.24	558720.09	4160315.24	WRKR_744	WORKER	1.14E-03	8.63E-04	1.09E-03	1.56E-03
558720.094160325.24	558720	4160325	558720.094160325.24	558720.09	4160325.24	WRKR_745	WORKER	1.21E-03	9.16E-04	1.16E-03	1.66E-03
558612.684160297.32	558613	4160297	558612.684160297.32	558612.68	4160297.32	WRKR_746	WORKER	9.38E-04	7.05E-04	8.95E-04	1.28E-03
558612.684160307.32	558613	4160307	558612.684160307.32	558612.68	4160307.32	WRKR_747	WORKER	1.00E-03	7.51E-04	9.55E-04	1.37E-03
558612.684160317.32	558613	4160317	558612.684160317.32	558612.68	4160317.32	WRKR_748	WORKER	1.07E-03	8.02E-04	1.02E-03	1.46E-03
558612.684160327.32	558613	4160327	558612.684160327.32	558612.68	4160327.32	WRKR_749	WORKER	1.14E-03	8.58E-04	1.09E-03	1.56E-03
558612.684160337.32	558613	4160337	558612.684160337.32	558612.68	4160337.32	WRKR_750	WORKER	1.22E-03	9.19E-04	1.17E-03	1.67E-03
558622.684160297.32	558623	4160297	558622.684160297.32	558622.68	4160297.32	WRKR_751	WORKER	9.45E-04	7.11E-04	9.03E-04	1.29E-03
558622.684160307.32	558623	4160307	558622.684160307.32	558622.68	4160307.32	WRKR_752	WORKER	1.01E-03	7.58E-04	9.63E-04	1.38E-03
558622.684160317.32	558623	4160317	558622.684160317.32	558622.68	4160317.32	WRKR_753	WORKER	1.08E-03	8.09E-04	1.03E-03	1.47E-03
558622.684160327.32	558623	4160327	558622.684160327.32	558622.68	4160327.32	WRKR_754	WORKER	1.15E-03	8.65E-04	1.10E-03	1.57E-03
558622.684160337.32	558623	4160337	558622.684160337.32	558622.68	4160337.32	WRKR_755	WORKER	1.23E-03	9.26E-04	1.18E-03	1.69E-03
558632.684160297.32	558633	4160297	558632.684160297.32	558632.68	4160297.32	WRKR_756	WORKER	9.54E-04	7.17E-04	9.11E-04	1.30E-03
558632.684160307.32	558633	4160307	558632.684160307.32	558632.68	4160307.32	WRKR_757	WORKER	1.02E-03	7.64E-04	9.71E-04	1.39E-03
558632.684160317.32	558633	4160317	558632.684160317.32	558632.68	4160317.32	WRKR_758	WORKER	1.09E-03	8.16E-04	1.04E-03	1.48E-03
558632.684160327.32	558633	4160327	558632.684160327.32	558632.68	4160327.32	WRKR_759	WORKER	1.16E-03	8.72E-04	1.11E-03	1.59E-03
558632.684160337.32	558633	4160337	558632.684160337.32	558632.68	4160337.32	WRKR_760	WORKER	1.24E-03	9.33E-04	1.19E-03	1.70E-03
558642.684160297.32	558643	4160297	558642.684160297.32	558642.68	4160297.32	WRKR_761	WORKER	9.64E-04	7.25E-04	9.21E-04	1.32E-03
558642.684160307.32	558643	4160307	558642.684160307.32	558642.68	4160307.32	WRKR_762	WORKER	1.03E-03	7.71E-04	9.79E-04	1.40E-03
558642.684160317.32	558643	4160317	558642.684160317.32	558642.68	4160317.32	WRKR_763	WORKER	1.09E-03	8.23E-04	1.05E-03	1.50E-03
558642.684160327.32	558643	4160327	558642.684160327.32	558642.68	4160327.32	WRKR_764	WORKER	1.17E-03	8.79E-04	1.12E-03	1.60E-03
558642.684160337.32	558643	4160337	558642.684160337.32	558642.68	4160337.32	WRKR_765	WORKER	1.25E-03	9.41E-04	1.19E-03	1.71E-03
558652.684160297.32	558653	4160297	558652.684160297.32	558652.68	4160297.32	WRKR_766	WORKER	9.72E-04	7.31E-04	9.28E-04	1.33E-03
558652.684160307.32	558653	4160307	558652.684160307.32	558652.68	4160307.32	WRKR_767	WORKER	1.03E-03	7.78E-04	9.88E-04	1.42E-03
558652.684160317.32	558653	4160317	558652.684160317.32	558652.68	4160317.32	WRKR_768	WORKER	1.10E-03	8.30E-04	1.05E-03	1.51E-03
558652.684160327.32	558653	4160327	558652.684160327.32	558652.68	4160327.32	WRKR_769	WORKER	1.18E-03	8.86E-04	1.13E-03	1.61E-03
558652.684160337.32	558653	4160337	558652.684160337.32	558652.68	4160337.32	WRKR_770	WORKER	1.26E-03	9.47E-04	1.20E-03	1.72E-03
558662.684160297.32	558663	4160297	558662.684160297.32	558662.68	4160297.32	WRKR_771	WORKER	9.82E-04	7.39E-04	9.38E-04	1.34E-03
558662.684160307.32	558663	4160307	558662.684160307.32	558662.68	4160307.32	WRKR_772	WORKER	1.04E-03	7.86E-04	9.98E-04	1.43E-03
558662.684160317.32	558663	4160317	558662.684160317.32	558662.68	4160317.32	WRKR_773	WORKER	1.11E-03	8.37E-04	1.06E-03	1.52E-03
558662.684160327.32	558663	4160327	558662.684160327.32	558662.68	4160327.32	WRKR_774	WORKER	1.19E-03	8.93E-04	1.13E-03	1.62E-03
558662.684160337.32	558663	4160337	558662.684160337.32	558662.68	4160337.32	WRKR_775	WORKER	1.27E-03	9.53E-04	1.21E-03	1.73E-03
558672.684160297.32	558673	4160297	558672.684160297.32	558672.68	4160297.32	WRKR_776	WORKER	9.89E-04	7.45E-04	9.45E-04	1.35E-03
558672.684160307.32	558673	4160307	558672.684160307.32	558672.68	4160307.32	WRKR_777	WORKER	1.05E-03	7.93E-04	1.01E-03	1.44E-03
558672.684160317.32	558673	4160317	558672.684160317.32	558672.68	4160317.32	WRKR_778	WORKER	1.12E-03	8.45E-04	1.07E-03	1.53E-03
558672.684160327.32	558673	4160327	558672.684160327.32	558672.68	4160327.32	WRKR_779	WORKER	1.19E-03	9.00E-04	1.14E-03	1.63E-03
558672.684160337.32	558673	4160337	558672.684160337.32	558672.68	4160337.32	WRKR_780	WORKER	1.27E-03	9.59E-04	1.22E-03	1.74E-03
558543.584160290.65	558544	4160291	558543.584160290.65	558543.58	4160290.65	WRKR_781	WORKER	8.81E-04	6.61E-04	8.40E-04	1.20E-03
558553.584160300.65	558554	4160301	558553.584160300.65	558553.58	4160300.65	WRKR_782	WORKER	9.36E-04	7.03E-04	8.94E-04	1.28E-03
558553.584160310.65	558554	4160311	558553.584160310.65	558553.58	4160310.65	WRKR_783	WORKER	9.96E-04	7.48E-04	9.51E-04	1.36E-03
558553.584160320.65	558554	4160321	558553.584160320.65	558553.58	4160320.65	WRKR_784	WORKER	1.06E-03	7.98E-04	1.01E-03	1.45E-03
558553.584160330.65	558554	4160331	558553.584160330.65	558553.58	4160330.65	WRKR_785	WORKER	1.14E-03	8.52E-04	1.08E-03	1.55E-03
558563.584160300.65	558564	4160301	558563.584160300.65	558563.58	4160300.65	WRKR_786	WORKER	9.40E-04	7.06E-04	8.97E-04	1.29E-03
558563.584160310.65	558564	4160311	558563.584160310.65	558563.58	4160310.65	WRKR_787	WORKER	1.00E-03	7.51E-04	9.55E-04	1.37E-03
558563.584160320.65	558564	4160321	558563.584160320.65	558563.58	4160320.65	WRKR_788	WORKER	1.07E-03	8.02E-04	1.02E-03	1.46E-03
558563.584160330.65	558564	4160331	558563.584160330.65	558563.58	4160330.65	WRKR_789	WORKER	1.14E-03	8.57E-04	1.09E-03	1.56E-03
558573.584160300.65	558574	4160301	558573.584160300.65	558573.58	4160300.65	WRKR_790	WORKER	9.44E-04	7.09E-04	9.01E-04	1.29E-03
558573.584160310.65	558574	4160311	558573.584160310.65	558573.58	4160310.65	WRKR_791	WORKER	1.01E-03	7.55E-04	9.60E-04	1.38E-03
558573.584160320.65	558574	4160321	558573.584160320.65	558573.58	4160320.65	WRKR_792	WORKER	1.07E-03	8.06E-04	1.02E-03	1.47E-03

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

Max Project Chronic HI

								CHRONIC HI			
XY	X	Y	XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558573.584160330.65	558574	4160331	558573.584160330.65	558573.58	4160330.65	WRKR_793	WORKER	1.15E-03	8.62E-04	1.10E-03	1.57E-03
558583.584160300.65	558584	4160301	558583.584160300.65	558583.58	4160300.65	WRKR_794	WORKER	9.49E-04	7.13E-04	9.06E-04	1.30E-03
558583.584160310.65	558584	4160311	558583.584160310.65	558583.58	4160310.65	WRKR_795	WORKER	1.01E-03	7.60E-04	9.66E-04	1.38E-03
558583.584160320.65	558584	4160321	558583.584160320.65	558583.58	4160320.65	WRKR_796	WORKER	1.08E-03	8.12E-04	1.03E-03	1.48E-03
558583.584160330.65	558584	4160331	558583.584160330.65	558583.58	4160330.65	WRKR_797	WORKER	1.16E-03	8.68E-04	1.10E-03	1.58E-03
558593.584160330.65	558594	4160331	558593.584160330.65	558593.58	4160330.65	WRKR_798	WORKER	1.16E-03	8.75E-04	1.11E-03	1.59E-03
558455.354160303.56	558455	4160304	558455.354160303.56	558455.35	4160303.56	WRKR_799	WORKER	9.96E-04	7.47E-04	9.50E-04	1.36E-03
558455.354160313.56	558455	4160314	558455.354160313.56	558455.35	4160313.56	WRKR_800	WORKER	1.05E-03	7.88E-04	1.00E-03	1.44E-03
558455.354160323.56	558455	4160324	558455.354160323.56	558455.35	4160323.56	WRKR_801	WORKER	1.11E-03	8.33E-04	1.06E-03	1.52E-03
558455.354160333.56	558455	4160334	558455.354160333.56	558455.35	4160333.56	WRKR_802	WORKER	1.18E-03	8.83E-04	1.12E-03	1.61E-03
558455.354160343.56	558455	4160344	558455.354160343.56	558455.35	4160343.56	WRKR_803	WORKER	1.25E-03	9.38E-04	1.19E-03	1.71E-03
558465.354160303.56	558465	4160304	558465.354160303.56	558465.35	4160303.56	WRKR_804	WORKER	9.84E-04	7.38E-04	9.39E-04	1.35E-03
558465.354160313.56	558465	4160314	558465.354160313.56	558465.35	4160313.56	WRKR_805	WORKER	1.04E-03	7.79E-04	9.91E-04	1.42E-03
558465.354160323.56	558465	4160324	558465.354160323.56	558465.35	4160323.56	WRKR_806	WORKER	1.10E-03	8.24E-04	1.05E-03	1.50E-03
558465.354160333.56	558465	4160334	558465.354160333.56	558465.35	4160333.56	WRKR_807	WORKER	1.17E-03	8.74E-04	1.11E-03	1.59E-03
558465.354160343.56	558465	4160344	558465.354160343.56	558465.35	4160343.56	WRKR_808	WORKER	1.24E-03	9.30E-04	1.18E-03	1.70E-03
558475.354160303.56	558475	4160304	558475.354160303.56	558475.35	4160303.56	WRKR_809	WORKER	9.74E-04	7.30E-04	9.29E-04	1.33E-03
558475.354160313.56	558475	4160314	558475.354160313.56	558475.35	4160313.56	WRKR_810	WORKER	1.03E-03	7.72E-04	9.81E-04	1.41E-03
558475.354160323.56	558475	4160324	558475.354160323.56	558475.35	4160323.56	WRKR_811	WORKER	1.09E-03	8.17E-04	1.04E-03	1.49E-03
558475.354160333.56	558475	4160334	558475.354160333.56	558475.35	4160333.56	WRKR_812	WORKER	1.16E-03	8.68E-04	1.10E-03	1.58E-03
558475.354160343.56	558475	4160344	558475.354160343.56	558475.35	4160343.56	WRKR_813	WORKER	1.23E-03	9.24E-04	1.18E-03	1.69E-03
558485.354160303.56	558485	4160304	558485.354160303.56	558485.35	4160303.56	WRKR_814	WORKER	9.66E-04	7.24E-04	9.21E-04	1.32E-03
558485.354160313.56	558485	4160314	558485.354160313.56	558485.35	4160313.56	WRKR_815	WORKER	1.02E-03	7.65E-04	9.74E-04	1.40E-03
558485.354160323.56	558485	4160324	558485.354160323.56	558485.35	4160323.56	WRKR_816	WORKER	1.08E-03	8.12E-04	1.03E-03	1.48E-03
558485.354160333.56	558485	4160334	558485.354160333.56	558485.35	4160333.56	WRKR_817	WORKER	1.15E-03	8.63E-04	1.10E-03	1.57E-03
558485.354160343.56	558485	4160344	558485.354160343.56	558485.35	4160343.56	WRKR_818	WORKER	1.23E-03	9.20E-04	1.17E-03	1.68E-03
558495.354160303.56	558495	4160304	558495.354160303.56	558495.35	4160303.56	WRKR_819	WORKER	9.59E-04	7.19E-04	9.15E-04	1.31E-03
558495.354160313.56	558495	4160314	558495.354160313.56	558495.35	4160313.56	WRKR_820	WORKER	1.02E-03	7.62E-04	9.69E-04	1.39E-03
558495.354160323.56	558495	4160324	558495.354160323.56	558495.35	4160323.56	WRKR_821	WORKER	1.08E-03	8.09E-04	1.03E-03	1.47E-03
558495.354160333.56	558495	4160334	558495.354160333.56	558495.35	4160333.56	WRKR_822	WORKER	1.15E-03	8.60E-04	1.09E-03	1.57E-03
558495.354160343.56	558495	4160344	558495.354160343.56	558495.35	4160343.56	WRKR_823	WORKER	1.22E-03	9.18E-04	1.17E-03	1.67E-03
558505.354160303.56	558505	4160304	558505.354160303.56	558505.35	4160303.56	WRKR_824	WORKER	9.54E-04	7.16E-04	9.10E-04	1.30E-03
558505.354160313.56	558505	4160314	558505.354160313.56	558505.35	4160313.56	WRKR_825	WORKER	1.01E-03	7.59E-04	9.65E-04	1.38E-03
558505.354160323.56	558505	4160324	558505.354160323.56	558505.35	4160323.56	WRKR_826	WORKER	1.08E-03	8.06E-04	1.03E-03	1.47E-03
558505.354160333.56	558505	4160334	558505.354160333.56	558505.35	4160333.56	WRKR_827	WORKER	1.15E-03	8.59E-04	1.09E-03	1.57E-03
558515.354160303.56	558515	4160304	558515.354160303.56	558515.35	4160303.56	WRKR_828	WORKER	9.51E-04	7.14E-04	9.08E-04	1.30E-03
558515.354160313.56	558515	4160314	558515.354160313.56	558515.35	4160313.56	WRKR_829	WORKER	1.01E-03	7.57E-04	9.63E-04	1.38E-03
558515.354160323.56	558515	4160324	558515.354160323.56	558515.35	4160323.56	WRKR_830	WORKER	1.07E-03	8.05E-04	1.02E-03	1.47E-03
558515.354160333.56	558515	4160334	558515.354160333.56	558515.35	4160333.56	WRKR_831	WORKER	1.15E-03	8.59E-04	1.09E-03	1.57E-03
558525.354160303.56	558525	4160304	558525.354160303.56	558525.35	4160303.56	WRKR_832	WORKER	9.50E-04	7.13E-04	9.06E-04	1.30E-03
558525.354160313.56	558525	4160314	558525.354160313.56	558525.35	4160313.56	WRKR_833	WORKER	1.01E-03	7.57E-04	9.62E-04	1.38E-03
558525.354160323.56	558525	4160324	558525.354160323.56	558525.35	4160323.56	WRKR_834	WORKER	1.07E-03	8.06E-04	1.02E-03	1.47E-03
558525.354160333.56	558525	4160334	558525.354160333.56	558525.35	4160333.56	WRKR_835	WORKER	1.15E-03	8.60E-04	1.09E-03	1.57E-03
558535.354160303.56	558535	4160304	558535.354160303.56	558535.35	4160303.56	WRKR_836	WORKER	9.50E-04	7.13E-04	9.06E-04	1.30E-03
558535.354160313.56	558535	4160314	558535.354160313.56	558535.35	4160313.56	WRKR_837	WORKER	1.01E-03	7.58E-04	9.63E-04	1.38E-03
558535.354160323.56	558535	4160324	558535.354160323.56	558535.35	4160323.56	WRKR_838	WORKER	1.08E-03	8.07E-04	1.03E-03	1.47E-03
558535.354160333.56	558535	4160334	558535.354160333.56	558535.35	4160333.56	WRKR_839	WORKER	1.15E-03	8.62E-04	1.10E-03	1.57E-03
558616.674160229.97	558617	4160230	558616.674160229.97	558616.67	4160229.97	WRKR_840	WORKER	6.44E-04	4.84E-04	6.15E-04	8.81E-04
558616.674160239.97	558617	4160240	558616.674160239.97	558616.67	4160239.97	WRKR_841	WORKER	6.79E-04	5.11E-04	6.49E-04	9.29E-04
558616.674160249.97	558617	4160250	558616.674160249.97	558616.67	4160249.97	WRKR_842	WORKER	7.17E-04	5.39E-04	6.85E-04	9.81E-04
558626.674160229.97	558627	4160230	558626.674160229.97	558626.67	4160229.97	WRKR_843	WORKER	6.47E-04	4.87E-04	6.18E-04	8.86E-04
558626.674160239.97	558627	4160240	558626.674160239.97	558626.67	4160239.97	WRKR_844	WORKER	6.83E-04	5.14E-04	6.52E-04	9.34E-04
558626.674160249.97	558627	4160250	558626.674160249.97	558626.67	4160249.97	WRKR_845	WORKER	7.22E-04	5.43E-04	6.90E-04	9.88E-04
558636.674160229.97	558637	4160230	558636.674160229.97	558636.67	4160229.97	WRKR_846	WORKER	6.51E-04	4.90E-04	6.22E-04	8.91E-04
558636.674160239.97	558637	4160240	558636.674160239.97	558636.67	4160239.97	WRKR_847	WORKER	6.88E-04	5.18E-04	6.57E-04	9.41E-04
558636.674160249.97	558637	4160250	558636.674160249.97	558636.67	4160249.97	WRKR_848	WORKER	7.27E-04	5.47E-04	6.95E-04	9.95E-04
558646.674160229.97	558647	4160230	558646.674160229.97	558646.67	4160229.97	WRKR_849	WORKER	6.56E-04	4.94E-04	6.27E-04	8.97E-04
558646.674160239.97	558647	4160240	558646.674160239.97	558646.67	4160239.97	WRKR_850	WORKER	6.93E-04	5.22E-04	6.62E-04	9.48E-04
558646.674160249.97	558647	4160250	558646.674160249.97	558646.67	4160249.97	WRKR_851	WORKER	7.33E-04	5.52E-04	7.01E-04	1.00E-03
558656.674160229.97	558657	4160230	558656.674160229.97	558656.67	4160229.97	WRKR_852	WORKER	6.61E-04	4.98E-04	6.32E-04	9.04E-04
558656.674160239.97	558657	4160240	558656.674160239.97	558656.67	4160239.97	WRKR_853	WORKER	6.98E-04	5.26E-04	6.68E-04	9.56E-04
558666.674160229.97	558667	4160230	558666.674160229.97	558666.67	4160229.97	WRKR_854	WORKER	6.67E-04	5.03E-04	6.38E-04	9.12E-04
558666.674160239.97	558667	4160240	558666.674160239.97	558666.67	4160239.97	WRKR_855	WORKER	7.05E-04	5.32E-04	6.74E-04	9.64E-04
558676.674160229.97	558677	4160230	558676.674160229.97	558676.67	4160229.97	WRKR_856	WORKER	6.73E-04	5.08E-04	6.44E-04	9.21E-04
558676.674160239.97	558677	4160240	558676.674160239.97	558676.67	4160239.97	WRKR_857	WORKER	7.12E-04	5.37E-04	6.81E-04	9.74E-04
558686.674160229.97	558687	4160230	558686.674160229.97	558686.67	4160229.97	WRKR_858	WORKER	6.80E-04	5.14E-04	6.51E-04	9.30E-04
558686.674160239.97	558687	4160240	558686.674160239.97	558686.67	4160239.97	WRKR_859	WORKER	7.19E-04	5.44E-04	6.88E-04	9.84E-04
558696.674160229.97	558697	4160230	558696.674160229.97	558696.67	4160229.97	WRKR_860	WORKER	6.87E-04	5.21E-04	6.59E-04	9.41E-04
558696.674160239.97	558697	4160240	558696.674160239.97	558696.67	4160239.97	WRKR_861	WORKER	7.27E-04	5.51E-04	6.97E-04	9.95E-04
558706.674160229.97	558707	4160230	558706.674160229.97	558706.67	4160229.97	WRKR_862	WORKER	6.95E-04	5.28E-04	6.67E-04	9.52E-04
558706.674160239.97	558707	4160240	558706.674160239.97	558706.67	4160239.97	WRKR_863	WORKER	7.36E-04	5.59E-04	7.06E-04	1.01E-03
558716.674160229.97	558717	4160230	558716.674160229.97	558716.67	4160229.97	WRKR_864	WORKER	7.04E-04	5.37E-04	6.77E-04	9.65E-04
558716.674160239.97	558717	4160240	558716.674160239.97	558716.67	4160239.97	WRKR_865	WORKER	7.41E-04	5.63E-04	7.11E-04	1.02E-03

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

Max Project Chronic HI

								CHRONIC HI			
XY	X	Y	XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558420.214160235.8	558420	4160236	558420.214160235.8	558420.21	4160235.8	WRKR_866	WORKER	7.82E-04	5.86E-04	7.46E-04	1.07E-03
558420.214160245.8	558420	4160246	558420.214160245.8	558420.21	4160245.8	WRKR_867	WORKER	8.14E-04	6.10E-04	7.77E-04	1.11E-03
558420.214160255.8	558420	4160256	558420.214160255.8	558420.21	4160255.8	WRKR_868	WORKER	8.49E-04	6.36E-04	8.10E-04	1.16E-03
558430.214160235.8	558430	4160236	558430.214160235.8	558430.21	4160235.8	WRKR_869	WORKER	7.66E-04	5.74E-04	7.30E-04	1.05E-03
558430.214160245.8	558430	4160246	558430.214160245.8	558430.21	4160245.8	WRKR_870	WORKER	7.98E-04	5.98E-04	7.60E-04	1.09E-03
558430.214160255.8	558430	4160256	558430.214160255.8	558430.21	4160255.8	WRKR_871	WORKER	8.31E-04	6.23E-04	7.93E-04	1.14E-03
558440.214160235.8	558440	4160236	558440.214160235.8	558440.21	4160235.8	WRKR_872	WORKER	7.51E-04	5.63E-04	7.16E-04	1.03E-03
558440.214160245.8	558440	4160246	558440.214160245.8	558440.21	4160245.8	WRKR_873	WORKER	7.82E-04	5.86E-04	7.46E-04	1.07E-03
558440.214160255.8	558440	4160256	558440.214160255.8	558440.21	4160255.8	WRKR_874	WORKER	8.16E-04	6.11E-04	7.78E-04	1.11E-03
558450.214160235.8	558450	4160236	558450.214160235.8	558450.21	4160235.8	WRKR_875	WORKER	7.37E-04	5.53E-04	7.03E-04	1.01E-03
558450.214160245.8	558450	4160246	558450.214160245.8	558450.21	4160245.8	WRKR_876	WORKER	7.68E-04	5.76E-04	7.32E-04	1.05E-03
558450.214160255.8	558450	4160256	558450.214160255.8	558450.21	4160255.8	WRKR_877	WORKER	8.01E-04	6.01E-04	7.64E-04	1.10E-03
558460.214160235.8	558460	4160236	558460.214160235.8	558460.21	4160235.8	WRKR_878	WORKER	7.24E-04	5.43E-04	6.91E-04	9.90E-04
558460.214160245.8	558460	4160246	558460.214160245.8	558460.21	4160245.8	WRKR_879	WORKER	7.55E-04	5.66E-04	7.20E-04	1.03E-03
558460.214160255.8	558460	4160256	558460.214160255.8	558460.21	4160255.8	WRKR_880	WORKER	7.88E-04	5.91E-04	7.52E-04	1.08E-03
558470.214160235.8	558470	4160236	558470.214160235.8	558470.21	4160235.8	WRKR_881	WORKER	7.13E-04	5.35E-04	6.80E-04	9.75E-04
558470.214160245.8	558470	4160246	558470.214160245.8	558470.21	4160245.8	WRKR_882	WORKER	7.43E-04	5.57E-04	7.09E-04	1.02E-03
558470.214160255.8	558470	4160256	558470.214160255.8	558470.21	4160255.8	WRKR_883	WORKER	7.76E-04	5.82E-04	7.40E-04	1.06E-03
558480.214160235.8	558480	4160236	558480.214160235.8	558480.21	4160235.8	WRKR_884	WORKER	7.03E-04	5.27E-04	6.70E-04	9.60E-04
558480.214160245.8	558480	4160246	558480.214160245.8	558480.21	4160245.8	WRKR_885	WORKER	7.33E-04	5.50E-04	6.99E-04	1.00E-03
558480.214160255.8	558480	4160256	558480.214160255.8	558480.21	4160255.8	WRKR_886	WORKER	7.66E-04	5.74E-04	7.31E-04	1.05E-03
558490.214160235.8	558490	4160236	558490.214160235.8	558490.21	4160235.8	WRKR_887	WORKER	6.93E-04	5.20E-04	6.61E-04	9.48E-04
558490.214160245.8	558490	4160246	558490.214160245.8	558490.21	4160245.8	WRKR_888	WORKER	7.23E-04	5.42E-04	6.89E-04	9.88E-04
558490.214160255.8	558490	4160256	558490.214160255.8	558490.21	4160255.8	WRKR_889	WORKER	7.57E-04	5.68E-04	7.22E-04	1.03E-03
558500.214160235.8	558500	4160236	558500.214160235.8	558500.21	4160235.8	WRKR_890	WORKER	6.85E-04	5.14E-04	6.54E-04	9.37E-04
558500.214160245.8	558500	4160246	558500.214160245.8	558500.21	4160245.8	WRKR_891	WORKER	7.16E-04	5.37E-04	6.83E-04	9.79E-04
558500.214160255.8	558500	4160256	558500.214160255.8	558500.21	4160255.8	WRKR_892	WORKER	7.49E-04	5.62E-04	7.15E-04	1.02E-03
558510.214160235.8	558510	4160236	558510.214160235.8	558510.21	4160235.8	WRKR_893	WORKER	6.78E-04	5.09E-04	6.47E-04	9.27E-04
558510.214160245.8	558510	4160246	558510.214160245.8	558510.21	4160245.8	WRKR_894	WORKER	7.09E-04	5.32E-04	6.76E-04	9.69E-04
558510.214160255.8	558510	4160256	558510.214160255.8	558510.21	4160255.8	WRKR_895	WORKER	7.43E-04	5.57E-04	7.08E-04	1.02E-03
558520.214160235.8	558520	4160236	558520.214160235.8	558520.21	4160235.8	WRKR_896	WORKER	6.72E-04	5.04E-04	6.41E-04	9.19E-04
558520.214160245.8	558520	4160246	558520.214160245.8	558520.21	4160245.8	WRKR_897	WORKER	7.03E-04	5.28E-04	6.71E-04	9.62E-04
558520.214160255.8	558520	4160256	558520.214160255.8	558520.21	4160255.8	WRKR_898	WORKER	7.37E-04	5.53E-04	7.03E-04	1.01E-03
558530.214160235.8	558530	4160236	558530.214160235.8	558530.21	4160235.8	WRKR_899	WORKER	6.67E-04	5.01E-04	6.37E-04	9.12E-04
558530.214160245.8	558530	4160246	558530.214160245.8	558530.21	4160245.8	WRKR_900	WORKER	6.99E-04	5.24E-04	6.67E-04	9.55E-04
558530.214160255.8	558530	4160256	558530.214160255.8	558530.21	4160255.8	WRKR_901	WORKER	7.33E-04	5.50E-04	7.00E-04	1.00E-03
558540.214160235.8	558540	4160236	558540.214160235.8	558540.21	4160235.8	WRKR_902	WORKER	6.63E-04	4.98E-04	6.33E-04	9.07E-04
558540.214160245.8	558540	4160246	558540.214160245.8	558540.21	4160245.8	WRKR_903	WORKER	6.95E-04	5.22E-04	6.63E-04	9.51E-04
558540.214160255.8	558540	4160256	558540.214160255.8	558540.21	4160255.8	WRKR_904	WORKER	7.30E-04	5.48E-04	6.97E-04	9.99E-04
558550.214160235.8	558550	4160236	558550.214160235.8	558550.21	4160235.8	WRKR_905	WORKER	6.60E-04	4.96E-04	6.30E-04	9.03E-04
558550.214160245.8	558550	4160246	558550.214160245.8	558550.21	4160245.8	WRKR_906	WORKER	6.93E-04	5.20E-04	6.61E-04	9.47E-04
558550.214160255.8	558550	4160256	558550.214160255.8	558550.21	4160255.8	WRKR_907	WORKER	7.28E-04	5.47E-04	6.95E-04	9.96E-04
558560.214160235.8	558560	4160236	558560.214160235.8	558560.21	4160235.8	WRKR_908	WORKER	6.58E-04	4.94E-04	6.28E-04	9.00E-04
558560.214160245.8	558560	4160246	558560.214160245.8	558560.21	4160245.8	WRKR_909	WORKER	6.91E-04	5.19E-04	6.60E-04	9.46E-04
558560.214160255.8	558560	4160256	558560.214160255.8	558560.21	4160255.8	WRKR_910	WORKER	7.28E-04	5.46E-04	6.94E-04	9.95E-04
558570.214160235.8	558570	4160236	558570.214160235.8	558570.21	4160235.8	WRKR_911	WORKER	6.57E-04	4.94E-04	6.27E-04	8.99E-04
558570.214160245.8	558570	4160246	558570.214160245.8	558570.21	4160245.8	WRKR_912	WORKER	6.91E-04	5.19E-04	6.60E-04	9.45E-04
558570.214160255.8	558570	4160256	558570.214160255.8	558570.21	4160255.8	WRKR_913	WORKER	7.28E-04	5.47E-04	6.95E-04	9.96E-04
558580.214160235.8	558580	4160236	558580.214160235.8	558580.21	4160235.8	WRKR_914	WORKER	6.57E-04	4.94E-04	6.27E-04	8.99E-04
558580.214160245.8	558580	4160246	558580.214160245.8	558580.21	4160245.8	WRKR_915	WORKER	6.92E-04	5.20E-04	6.60E-04	9.46E-04
558590.214160235.8	558590	4160236	558590.214160235.8	558590.21	4160235.8	WRKR_916	WORKER	6.58E-04	4.95E-04	6.28E-04	9.00E-04
558590.214160245.8	558590	4160246	558590.214160245.8	558590.21	4160245.8	WRKR_917	WORKER	6.93E-04	5.21E-04	6.62E-04	9.48E-04
558600.214160245.8	558600	4160246	558600.214160245.8	558600.21	4160245.8	WRKR_918	WORKER	6.96E-04	5.23E-04	6.64E-04	9.51E-04

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				AG	AH	AL	AJ	E AG	G AH	F AL	H AJ		E	G	F	H	
				Year 1 Project Concentrations (μg/m^3)				Year 2 Project Concentrations (μg/m^3)					Year 3 Project Concentrations (μg/m^3)					Year 4 Project Concentrations (μg/m^3)				
XY	X	Y	Type	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL
557996.384160720	557996	4160721	WRKR_1	2.54E-02	1.64E-05	3.01E-02	3.15E-05	**5.56E-02**	1.13E-02	2.33E-05	1.04E-02	3.52E-05	**2.17E-02**	6.05E-03	2.25E-05	7.24E-05	3.90E-05	**6.19E-03**	6.98E-03	2.74E-05	0.00E+00	5.49E-05	**7.06E-03**
557996.384160730	557996	4160731	WRKR_2	2.50E-02	1.63E-05	2.97E-02	3.14E-05	**5.48E-02**	1.12E-02	2.32E-05	1.02E-02	3.51E-05	**2.14E-02**	5.96E-03	2.24E-05	7.13E-05	3.89E-05	**6.09E-03**	6.87E-03	2.72E-05	0.00E+00	5.47E-05	**6.95E-03**
557996.384160740	557996	4160741	WRKR_3	2.43E-02	1.62E-05	2.88E-02	3.11E-05	**5.32E-02**	1.08E-02	2.30E-05	9.90E-03	3.48E-05	**2.08E-02**	5.79E-03	2.23E-05	6.93E-05	3.86E-05	**5.92E-03**	6.68E-03	2.70E-05	0.00E+00	5.43E-05	**6.76E-03**
558006.384160710	558006	4160711	WRKR_4	2.91E-02	1.71E-05	3.46E-02	3.27E-05	**6.37E-02**	1.30E-02	2.42E-05	1.19E-02	3.66E-05	**2.49E-02**	6.92E-03	2.34E-05	8.31E-05	4.05E-05	**7.07E-03**	7.98E-03	2.85E-05	0.00E+00	5.70E-05	**8.07E-03**
558006.384160720	558006	4160721	WRKR_5	2.87E-02	1.70E-05	3.42E-02	3.26E-05	**6.30E-02**	1.28E-02	2.41E-05	1.18E-02	3.64E-05	**2.46E-02**	6.83E-03	2.33E-05	8.23E-05	4.04E-05	**6.97E-03**	7.87E-03	2.83E-05	0.00E+00	5.69E-05	**7.96E-03**
558006.384160730	558006	4160731	WRKR_6	2.81E-02	1.69E-05	3.35E-02	3.24E-05	**6.16E-02**	1.25E-02	2.40E-05	1.15E-02	3.63E-05	**2.41E-02**	6.68E-03	2.32E-05	8.05E-05	4.02E-05	**6.82E-03**	7.70E-03	2.82E-05	0.00E+00	5.66E-05	**7.78E-03**
558006.384160740	558006	4160741	WRKR_7	2.74E-02	1.68E-05	3.26E-02	3.22E-05	**6.00E-02**	1.22E-02	2.38E-05	1.12E-02	3.60E-05	**2.34E-02**	6.51E-03	2.30E-05	7.83E-05	3.99E-05	**6.65E-03**	7.50E-03	2.80E-05	0.00E+00	5.62E-05	**7.59E-03**
558016.384160710	558016	4160711	WRKR_8	3.31E-02	1.77E-05	3.97E-02	3.39E-05	**7.29E-02**	1.47E-02	2.51E-05	1.36E-02	3.79E-05	**2.84E-02**	7.88E-03	2.43E-05	9.54E-05	4.20E-05	**8.04E-03**	9.08E-03	2.95E-05	0.00E+00	5.91E-05	**9.17E-03**
558016.384160720	558016	4160721	WRKR_9	3.25E-02	1.76E-05	3.91E-02	3.37E-05	**7.17E-02**	1.45E-02	2.49E-05	1.34E-02	3.77E-05	**2.80E-02**	7.74E-03	2.41E-05	9.40E-05	4.18E-05	**7.90E-03**	8.92E-03	2.93E-05	0.00E+00	5.88E-05	**9.01E-03**
558016.384160730	558016	4160731	WRKR_10	3.17E-02	1.75E-05	3.82E-02	3.36E-05	**6.99E-02**	1.41E-02	2.48E-05	1.31E-02	3.75E-05	**2.73E-02**	7.54E-03	2.40E-05	9.17E-05	4.16E-05	**7.70E-03**	8.70E-03	2.91E-05	0.00E+00	5.85E-05	**8.79E-03**
558016.384160740	558016	4160741	WRKR_11	3.07E-02	1.74E-05	3.69E-02	3.33E-05	**6.77E-02**	1.37E-02	2.46E-05	1.27E-02	3.72E-05	**2.64E-02**	7.30E-03	2.38E-05	8.87E-05	4.13E-05	**7.46E-03**	8.42E-03	2.89E-05	0.00E+00	5.81E-05	**8.51E-03**
558026.384160710	558026	4160711	WRKR_12	3.77E-02	1.83E-05	4.58E-02	3.50E-05	**8.36E-02**	1.68E-02	2.59E-05	1.57E-02	3.91E-05	**3.26E-02**	8.98E-03	2.51E-05	1.10E-04	4.34E-05	**9.16E-03**	1.04E-02	3.04E-05	0.00E+00	6.11E-05	**1.04E-02**
558026.384160720	558026	4160721	WRKR_13	3.72E-02	1.82E-05	4.52E-02	3.49E-05	**8.25E-02**	1.66E-02	2.58E-05	1.55E-02	3.91E-05	**3.22E-02**	8.85E-03	2.50E-05	1.09E-04	4.33E-05	**9.02E-03**	1.02E-02	3.03E-05	0.00E+00	6.09E-05	**1.03E-02**
558026.384160730	558026	4160731	WRKR_14	3.61E-02	1.81E-05	4.39E-02	3.47E-05	**8.00E-02**	1.61E-02	2.56E-05	1.51E-02	3.88E-05	**3.12E-02**	8.58E-03	2.48E-05	1.06E-04	4.30E-05	**8.75E-03**	9.89E-03	3.01E-05	0.00E+00	6.06E-05	**9.98E-03**
558026.384160740	558026	4160741	WRKR_15	3.47E-02	1.79E-05	4.23E-02	3.45E-05	**7.71E-02**	1.55E-02	2.54E-05	1.45E-02	3.85E-05	**3.01E-02**	8.26E-03	2.46E-05	1.02E-04	4.27E-05	**8.43E-03**	9.53E-03	2.99E-05	0.00E+00	6.01E-05	**9.62E-03**
558277.534160581	558278	4160581	WRKR_16	1.00E-01	8.97E-05	1.31E-01	1.76E-04	**2.31E-01**	4.45E-02	1.27E-04	4.50E-02	1.97E-04	**8.98E-02**	2.38E-02	1.23E-04	3.14E-04	2.18E-04	**2.44E-02**	2.74E-02	1.50E-04	0.00E+00	3.07E-04	**2.79E-02**
558277.534160591	558278	4160591	WRKR_17	1.21E-01	9.23E-05	1.63E-01	1.82E-04	**2.84E-01**	5.37E-02	1.31E-04	5.59E-02	2.03E-04	**1.10E-01**	2.87E-02	1.27E-04	3.91E-04	2.25E-04	**2.94E-02**	3.31E-02	1.54E-04	0.00E+00	3.17E-04	**3.35E-02**
558287.534160581	558288	4160581	WRKR_18	9.75E-02	1.01E-04	1.26E-01	2.00E-04	**2.24E-01**	4.34E-02	1.44E-04	4.32E-02	2.23E-04	**8.70E-02**	2.32E-02	1.39E-04	3.02E-04	2.47E-04	**2.39E-02**	2.67E-02	1.69E-04	0.00E+00	3.48E-04	**2.72E-02**
558287.534160591	558288	4160591	WRKR_19	1.16E-01	1.05E-04	1.54E-01	2.08E-04	**2.71E-01**	5.17E-02	1.48E-04	5.30E-02	2.32E-04	**1.05E-01**	2.76E-02	1.44E-04	3.71E-04	2.57E-04	**2.84E-02**	3.18E-02	1.74E-04	0.00E+00	3.62E-04	**3.24E-02**
558297.534160581	558298	4160581	WRKR_20	9.41E-02	1.16E-04	1.21E-01	2.29E-04	**2.15E-01**	4.19E-02	1.64E-04	4.15E-02	2.56E-04	**8.38E-02**	2.24E-02	1.59E-04	2.90E-04	2.84E-04	**2.31E-02**	2.58E-02	1.93E-04	0.00E+00	4.00E-04	**2.64E-02**
558297.534160591	558298	4160591	WRKR_21	1.12E-01	1.20E-04	1.47E-01	2.41E-04	**2.59E-01**	4.97E-02	1.71E-04	5.04E-02	2.70E-04	**1.01E-01**	2.66E-02	1.65E-04	3.53E-04	2.99E-04	**2.74E-02**	3.06E-02	2.01E-04	0.00E+00	4.21E-04	**3.12E-02**
558307.534160581	558308	4160581	WRKR_22	9.00E-02	1.33E-04	1.15E-01	2.66E-04	**2.06E-01**	4.01E-02	1.88E-04	3.97E-02	2.97E-04	**8.02E-02**	2.14E-02	1.82E-04	2.78E-04	3.30E-04	**2.22E-02**	2.47E-02	2.21E-04	0.00E+00	4.64E-04	**2.54E-02**
558307.534160591	558308	4160591	WRKR_23	1.07E-01	1.40E-04	1.40E-01	2.85E-04	**2.48E-01**	4.78E-02	1.99E-04	4.81E-02	3.19E-04	**9.65E-02**	2.55E-02	1.92E-04	3.37E-04	3.54E-04	**2.64E-02**	2.94E-02	2.34E-04	0.00E+00	4.98E-04	**3.02E-02**
558317.534160581	558318	4160581	WRKR_24	8.63E-02	1.54E-04	1.11E-01	3.12E-04	**1.97E-01**	3.84E-02	2.18E-04	3.80E-02	3.48E-04	**7.70E-02**	2.05E-02	2.11E-04	2.66E-04	3.86E-04	**2.14E-02**	2.37E-02	2.56E-04	0.00E+00	5.44E-04	**2.45E-02**
558317.534160591	558318	4160591	WRKR_25	1.03E-01	1.65E-04	1.34E-01	3.43E-04	**2.38E-01**	4.59E-02	2.34E-04	4.60E-02	3.84E-04	**9.25E-02**	2.45E-02	2.27E-04	3.22E-04	4.25E-04	**2.55E-02**	2.83E-02	2.75E-04	0.00E+00	5.98E-04	**2.92E-02**
558327.534160581	558328	4160581	WRKR_26	8.26E-02	1.77E-04	1.06E-01	3.65E-04	**1.89E-01**	3.68E-02	2.51E-04	3.63E-02	4.08E-04	**7.37E-02**	1.96E-02	2.43E-04	2.54E-04	4.53E-04	**2.06E-02**	2.27E-02	2.95E-04	0.00E+00	6.37E-04	**2.36E-02**
558327.534160591	558328	4160591	WRKR_27	9.90E-02	1.96E-04	1.28E-01	4.17E-04	**2.27E-01**	4.40E-02	2.79E-04	4.39E-02	4.67E-04	**8.87E-02**	2.35E-02	2.70E-04	3.07E-04	5.17E-04	**2.46E-02**	2.71E-02	3.27E-04	0.00E+00	7.28E-04	**2.82E-02**
558337.534160581	558338	4160581	WRKR_28	7.84E-02	2.01E-04	1.00E-01	4.20E-04	**1.79E-01**	3.49E-02	2.85E-04	3.44E-02	4.70E-04	**7.01E-02**	1.86E-02	2.76E-04	2.41E-04	5.21E-04	**1.97E-02**	2.15E-02	3.35E-04	0.00E+00	7.33E-04	**2.26E-02**
558101.054160547	558101	4160547	WRKR_29	4.43E-02	2.60E-05	5.39E-02	5.05E-05	**9.83E-02**	1.97E-02	3.69E-05	1.85E-02	5.64E-05	**3.83E-02**	1.05E-02	3.58E-05	1.29E-04	6.25E-05	**1.08E-02**	1.22E-02	4.34E-05	0.00E+00	8.80E-05	**1.23E-02**
558101.054160557	558101	4160557	WRKR_30	4.83E-02	2.62E-05	5.88E-02	5.08E-05	**1.07E-01**	2.15E-02	3.71E-05	2.02E-02	5.68E-05	**4.18E-02**	1.15E-02	3.59E-05	1.41E-04	6.29E-05	**1.17E-02**	1.33E-02	4.36E-05	0.00E+00	8.86E-05	**1.34E-02**
558111.054160547	558111	4160547	WRKR_31	4.71E-02	2.73E-05	5.73E-02	5.28E-05	**1.05E-01**	2.10E-02	3.87E-05	1.97E-02	5.90E-05	**4.08E-02**	1.12E-02	3.74E-05	1.38E-04	6.54E-05	**1.15E-02**	1.29E-02	4.54E-05	0.00E+00	9.21E-05	**1.31E-02**
558111.054160557	558111	4160557	WRKR_32	5.17E-02	2.74E-05	6.30E-02	5.32E-05	**1.15E-01**	2.30E-02	3.89E-05	2.16E-02	5.95E-05	**4.47E-02**	1.23E-02	3.76E-05	1.51E-04	6.59E-05	**1.25E-02**	1.42E-02	4.57E-05	0.00E+00	9.28E-05	**1.43E-02**
558111.054160567	558111	4160567	WRKR_33	5.68E-02	2.75E-05	6.95E-02	5.35E-05	**1.26E-01**	2.53E-02	3.90E-05	2.39E-02	5.98E-05	**4.93E-02**	1.35E-02	3.78E-05	1.67E-04	6.62E-05	**1.38E-02**	1.56E-02	4.59E-05	0.00E+00	9.32E-05	**1.57E-02**
558121.054160537	558121	4160537	WRKR_34	4.55E-02	2.84E-05	5.54E-02	5.48E-05	**1.01E-01**	2.03E-02	4.02E-05	1.90E-02	6.13E-05	**3.94E-02**	1.08E-02	3.90E-05	1.33E-04	6.79E-05	**1.11E-02**	1.25E-02	4.73E-05	0.00E+00	9.57E-05	**1.26E-02**
558121.054160547	558121	4160547	WRKR_35	5.00E-02	2.86E-05	6.09E-02	5.53E-05	**1.11E-01**	2.23E-02	4.05E-05	2.09E-02	6.19E-05	**4.33E-02**	1.19E-02	3.92E-05	1.46E-04	6.86E-05	**1.21E-02**	1.37E-02	4.76E-05	0.00E+00	9.65E-05	**1.39E-02**
558121.054160557	558121	4160557	WRKR_36	5.50E-02	2.88E-05	6.73E-02	5.58E-05	**1.22E-01**	2.45E-02	4.08E-05	2.31E-02	6.23E-05	**4.77E-02**	1.31E-02	3.95E-05	1.62E-04	6.91E-05	**1.34E-02**	1.51E-02	4.79E-05	0.00E+00	9.72E-05	**1.52E-02**
558121.054160567	558121	4160567	WRKR_37	6.08E-02	2.89E-05	7.47E-02	5.61E-05	**1.36E-01**	2.71E-02	4.10E-05	2.57E-02	6.27E-05	**5.29E-02**	1.45E-02	3.96E-05	1.80E-04	6.95E-05	**1.48E-02**	1.67E-02	4.81E-05	0.00E+00	9.78E-05	**1.68E-02**
558121.054160577	558121	4160577	WRKR_38	6.75E-02	2.90E-05	8.36E-02	5.62E-05	**1.51E-01**	3.00E-02	4.11E-05	2.87E-02	6.29E-05	**5.89E-02**	1.60E-02	3.98E-05	2.01E-04	6.97E-05	**1.64E-02**	1.85E-02	4.83E-05	0.00E+00	9.81E-05	**1.86E-02**
558121.054160587	558121	4160587	WRKR_39	7.50E-02	2.90E-05	9.44E-02	5.63E-05	**1.69E-01**	3.34E-02	4.11E-05	3.24E-02	6.29E-05	**6.59E-02**	1.78E-02	3.98E-05	2.27E-04	6.97E-05	**1.82E-02**	2.06E-02	4.84E-05	0.00E+00	9.82E-05	**2.07E-02**
558131.054160527	558131	4160527	WRKR_40	4.35E-02	2.95E-05	5.29E-02	5.70E-05	**9.65E-02**	1.93E-02	4.19E-05	1.82E-02	6.37E-05	**3.76E-02**	1.03E-02	4.05E-05	1.27E-04	7.06E-05	**1.06E-02**	1.19E-02	4.92E-05	0.00E+00	9.94E-05	**1.21E-02**
558131.054160537	558131	4160537	WRKR_41	4.78E-02	2.98E-05	5.83E-02	5.75E-05	**1.06E-01**	2.13E-02	4.22E-05	2.00E-02	6.43E-05	**4.14E-02**	1.14E-02	4.09E-05	1.40E-04	7.13E-05	**1.16E-02**	1.31E-02	4.96E-05	0.00E+00	1.00E-04	**1.33E-02**
558131.054160547	558131	4160547	WRKR_42	5.28E-02	3.00E-05	6.45E-02	5.81E-05	**1.17E-01**	2.35E-02	4.25E-05	2.22E-02	6.49E-05	**4.58E-02**	1.26E-02	4.12E-05	1.55E-04	7.19E-05	**1.28E-02**	1.45E-02	5.00E-05	0.00E+00	1.01E-04	**1.46E-02**
558131.054160557	558131	4160557	WRKR_43	5.84E-02	3.02E-05	7.18E-02	5.85E-05	**1.30E-01**	2.60E-02	4.28E-05	2.47E-02	6.54E-05	**5.08E-02**	1.39E-02	4.14E-05	1.72E-04	7.25E-05	**1.42E-02**	1.60E-02	5.03E-05	0.00E+00	1.02E-04	**1.62E-02**
558131.054160567	558131	4160567	WRKR_44	6.49E-02	3.03E-05	8.03E-02	5.89E-05	**1.45E-01**	2.89E-02	4.30E-05	2.76E-02	6.58E-05	**5.66E-02**	1.54E-02	4.16E-05	1.93E-04	7.29E-05	**1.58E-02**	1.78E-02	5.06E-05	0.00E+00	1.03E-04	**1.80E-02**
558131.054160577	558131	4160577	WRKR_45	7.25E-02	3.05E-05	9.05E-02	5.91E-05	**1.63E-01**	3.23E-02	4.32E-05	3.11E-02	6.61E-05	**6.35E-02**	1.72E-02	4.18E-05	2.18E-04	7.32E-05	**1.76E-02**	1.99E-02	5.08E-05	0.00E+00	1.03E-04	**2.00E-02**
558131.054160587	558131	4160587	WRKR_46	8.11E-02	3.05E-05	1.03E-01	5.92E-05	**1.84E-01**	3.61E-02	4.33E-05	3.54E-02	6.62E-05	**7.16E-02**	1.93E-02	4.19E-05	2.47E-04	7.33E-05	**1.97E-02**	2.22E-02	5.09E-05	0.00E+00	1.03E-04	**2.24E-02**
558131.054160597	558131	4160597	WRKR_47	9.10E-02	3.05E-05	1.18E-01	5.91E-05	**2.09E-01**	4.05E-02	4.33E-05	4.06E-02	6.61E-05	**8.13E-02**	2.16E-02	4.19E-05	2.84E-04	7.32E-05	**2.20E-02**	2.50E-02	5.09E-05	0.00E+00	1.03E-04	**2.51E-02**
558141.054160527	558141	4160527	WRKR_48	4.53E-02	3.10E-05	5.52E-02	5.98E-05	**1.01E-01**	2.02E-02	4.40E-05	1.90E-02	6.69E-05	**3.92E-02**	1.08E-02	4.26E-05	1.33E-04	7.41E-05	**1.10E-02**	1.24E-02	5.17E-05	0.00E+00	1.04E-04	**1.26E-02**
558141.054160537	558141	4160537	WRKR_49	5.00E-02	3.13E-05	6.12E-02	6.04E-05	**1.11E-01**	2.23E-02	4.44E-05	2.10E-02	6.76E-05	**4.34E-02**	1.19E-02	4.29E-05	1.47E-04	7.49E-05	**1.22E-02**	1.37E-02	5.21E-05	0.00E+00	1.05E-04	**1.39E-02**
558141.054160547	558141	4160547	WRKR_50	5.55E-02	3.15E-05	6.82E-02	6.10E-05	**1.24E-01**	2.47E-02	4.47E-05	2.34E-02	6.82E-05	**4.83E-02**	1.32E-02	4.33E-05	1.64E-04	7.56E-05	**1.35E-02**	1.52E-02	5.25E-05	0.00E+00	1.06E-04	**1.54E-02**
558141.054160557	558141	4160557	WRKR_51	6.18E-02	3.17E-05	7.65E-02	6.15E-05	**1.38E-01**	2.75E-02	4.50E-05	2.63E-02	6.88E-05	**5.39E-02**	1.47E-02	4.36E-05	1.84E-04	7.62E-05	**1.50E-02**	1.70E-02	5.29E-05	0.00E+00	1.07E-04	**1.71E-02**
558141.054160567	558141	4160567	WRKR_52	6.92E-02	3.19E-05	8.62E-02	6.19E-05	**1.55E-01**	3.08E-02	4.53E-05	2.96E-02	6.92E-05	**6.05E-02**	1.65E-02	4.38E-05	2.07E-04	7.67E-05	**1.68E-02**	1.90E-02	5.32E-05	0.00E+00	1.08E-04	**1.91E-02**
558141.054160577	558141	4160577	WRKR_53	7.77E-02	3.21E-05	9.80E-02	6.22E-05	**1.76E-01**	3.46E-02	4.55E-05	3.37E-02	6.95E-05	**6.84E-02**	1.85E-02	4.40E-05	2.36E-04	7.71E-05	**1.88E-02**	2.13E-02	5.34E-05	0.00E+00	1.08E-04	**2.15E-02**
558141.054160587	558141	4160587	WRKR_54	8.75E-02	3.21E-05	1.13E-01	6.23E-05	**2.00E-01**	3.89E-02	4.56E-05	3.87E-02	6.97E-05	**7.77E-02**	2.08E-02	4.41E-05	2.70E-04	7.72E-05	**2.12E-02**	2.40E-02	5.36E-05	0.00E+00	1.09E-04	**2.41E-02**
558141.054160597	558141	4160597	WRKR_55	9.87E-02	3.22E-05	1.31E-01	6.23E-05	**2.29E-01**	4.39E-02	4.56E-05	4.49E-02	6.96E-05	**8.89E-02**	2.35E-02	4.42E-05	3.14E-04	7.72E-05	**2.39E-02**	2.71E-02	5.36E-05	0.00E+00	1.09E-04	**2.72E-02**
558141.054160607	558141	4160607	WRKR_56	1.11E-01	3.21E-05	1.54E-01	6.21E-05	**2.65E-01**	4.96E-02	4.56E-05	5.27E-02	6.94E-05	**1.02E-01**	2.65E-02	4.41E-05	3.69E-04	7.70E-05	**2.70E-02**	3.06E-02	5.35E-05	0.00E+00	1.08E-04	**3.07E-02**
558151.054160537	558151	4160537	WRKR_57	5.21E-02	3.29E-05	6.40E-02	6.36E-05	**1.16E-01**	2.32E-02	4.67E-05	2.20E-02	7.11E-05	**4.53E-02**	1.24E-02	4.52E-05	1.54E-04	7.88E-05	**1.27E-02**	1.43E-02	5.49E-05	0.00E+00	1.11E-04	**1.45E-02**
558151.054160547	558151	4160547	WRKR_58	5.82E-02	3.32E-05	7.19E-02	6.42E-05	**1.30E-01**	2.59E-02	4.71E-05	2.47E-02	7.18E-05	**5.07E-02**	1.38E-02	4.56E-05	1.73E-04	7.96E-05	**1.41E-02**	1.59E-02	5.53E-05	0.00E+00	1.12E-04	**1.61E-02**
558151.054160557	558151	4160557	WRKR_59	6.52E-02	3.34E-05	8.13E-02	6.48E-05	**1.47E-01**	2.90E-02	4.74E-05	2.79E-02	7.24E-05	**5.71E-02**	1.55E-02	4.59E-05	1.95E-04	8.02E-05	**1.58E-02**	1.79E-02	5.57E-05	0.00E+00	1.13E-04	**1.81E-02**
558151.054160567	558151	4160567	WRKR_60	7.35E-02	3.37E-05	9.25E-02	6.52E-05	**1.66E-01**	3.27E-02	4.77E-05	3.18E-02	7.29E-05	**6.46E-02**	1.75E-02	4.62E-05	2.22E-04	8.08E-05	**1.78E-02**	2.01E-02	5.61E-05	0.00E+00	1.14E-04	**2.03E-02**
558151.054160577	558151	4160577	WRKR_61	8.31E-02	3.38E-05	1.06E-01	6.56E-05	**1.89E-01**	3.70E-02	4.80E-05	3.65E-02	7.33E-05	**7.36E-02**	1.98E-02	4.64E-05	2.55E-04	8.13E-05	**2.01E-02**	2.28E-02	5.64E-05	0.00E+00	1.14E-04	**2.30E-02**
558151.054160587	558151	4160587	WRKR_62	9.41E-02	3.39E-05	1.23E-01	6.58E-05	**2.17E-01**	4.19E-02	4.81E-05	4.24E-02	7.35E-05	**8.44E-02**	2.24E-02	4.66E-05	2.96E-04	8.15E-05	**2.28E-02**	2.58E-02	5.65E-05	0.00E+00	1.15E-04	**2.60E-02**
558151.054160597	558151	4160597	WRKR_63	1.08E-01	3.40E-05	1.45E-01	6.58E-05	**2.53E-01**	4.80E-02	4.82E-05	4.98E-02	7.35E-05	**9.79E-02**	2.57E-02	4.66E-05	3.48E-04	8.15E-05	**2.61E-02**	2.96E-02	5.66E-05	0.00E+00	1.15E-04	**2.97E-02**
558151.054160607	558151	4160607	WRKR_64	1.24E-01	3.40E-05	1.72E-01	6.56E-05	**2.96E-01**	5.50E-02	4.81E-05	5.92E-02	7.33E-05	**1.14E-01**	2.94E-02	4.66E-05	4.14E-04	8.13E-05	**2.99E-02**	3.39E-02	5.66E-05	0.00E+00	1.14E-04	**3.41E-02**
558151.054160617	558151	4160617	WRKR_65	1.41E-01	3.38E-05	2.09E-01	6.53E-05	**3.50E-01**	6.28E-02	4.80E-05	7.18E-02	7.30E-05	**1.35E-01**	3.36E-02	4.65E-05	5.03E-04	8.09E-05	**3.42E-02**	3.87E-02	5.64E-05	0.00E+00	1.14E-04	**3.89E-02**
558161.054160547	558161	4160547	WRKR_66	6.12E-02	3.50E-05	7.52E-02	6.77E-05	**1.36E-01**	2.72E-02	4.97E-05	2.58E-02	7.57E-05	**5.32E-02**	1.46E-02	4.81E-05	1.81E-04	8.39E-05	**1.49E-02**	1.68E-02	5.84E-05	0.00E+00	1.18E-04	**1.70E-02**
558161.054160557	558161	4160557	WRKR_67	6.85E-02	3.53E-05	8.61E-02	6.83E-05	**1.55E-01**	3.05E-02	5.01E-05	2.96E-02	7.64E-05	**6.02E-02**	1.63E-02	4.85E-05	2.07E-04	8.47E-05	**1.66E-02**	1.88E-02	5.88E-05	0.00E+00	1.19E-04	**1.90E-02**
558161.054160567	558161	4160567	WRKR_68	7.77E-02	3.56E-05	9.91E-02	6.89E-05	**1.77E-01**	3.46E-02	5.04E-05	3.41E-02	7.70E-05	**6.88E-02**	1.85E-02	4.88E-05	2.38E-04	8.53E-05	**1.89E-02**	2.13E-02	5.93E-05	0.00E+00	1.20E-04	**2.15E-02**
558161.054160577	558161	4160577	WRKR_69	8.85E-02	3.58E-05	1.15E-01	6.93E-05	**2.04E-01**	3.94E-02	5.07E-05	3.96E-02	7.75E-05	**7.91E-02**	2.11E-02	4.91E-05	2.77E-04	8.58E-05	**2.15E-02**	2.43E-02	5.96E-05	0.00E+00	1.21E-04	**2.45E-02**
558161.054160587	558161	4160587	WRKR_70	1.01E-01	3.59E-05	1.36E-01	6.96E-05	**2.37E-01**	4.50E-02	5.09E-05	4.66E-02	7.77E-05	**9.17E-02**	2.40E-02	4.93E-05	3.26E-04	8.62E-05	**2.45E-02**	2.77E-02	5.98E-05	0.00E+00	1.21E-04	**2.79E-02**
558161.054160597	558161	4160597	WRKR_71	1.18E-01	3.60E-05	1.61E-01	6.96E-05	**2.79E-01**	5.26E-02	5.10E-05	5.53E-02	7.78E-05	**1.08E-01**	2.81E-02	4.94E-05	3.87E-04	8.62E-05	**2.86E-02**	3.24E-02	5.99E-05	0.00E+00	1.21E-04	**3.26E-02**
558161.054160607	558161	4160607	WRKR_72	1.35E-01	3.59E-05	1.95E-01	6.93E-05	**3.30E-01**	6.02E-02	5.09E-05	6.69E-02	7.75E-05	**1.27E-01**	3.22E-02	4.93E-05	4.68E-04	8.59E-05	**3.28E-02**	3.71E-02	5.98E-05	0.00E+00	1.21E-04	**3.73E-02**
558171.054160557	558171	4160557	WRKR_73	7.24E-02	3.74E-05	9.05E-02	7.22E-05	**1.63E-01**	3.22E-02	5.30E-05	3.11E-02	8.07E-05	**6.34E-02**	1.72E-02	5.13E-05	2.17E-04	8.95E-05	**1.76E-02**	1.99E-02	6.23E-05	0.00E+00	1.26E-04	**2.00E-02**
558171.054160567	558171	4160567	WRKR_74	8.18E-02	3.76E-05	1.06E-01	7.29E-05	**1.88E-01**	3.64E-02	5.34E-05	3.64E-02	8.15E-05	**7.29E-02**	1.95E-02	5.17E-05	2.55E-04	9.03E-05	**1.98E-02**	2.24E-02	6.27E-05	0.00E+00	1.27E-04	**2.26E-02**
558171.054160577	558171	4160577	WRKR_75	9.38E-02	3.79

Annual PM2.5

				AG	AH	AL	AJ	E	G	F	H						E	G	F	H	
				Year 1 Project Concentrations (μg/m³)									**Year 2 Project Concentrations (μg/m³)**					**Year 3 Project Concentrations (μg/m³)**					**Year 4 Project Concentrations (μg/m³)**				
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**
558181.054160567	558181	4160567	WRKR_78	8.65E-02	4.00E-05	1.12E-01	7.73E-05	**1.99E-01**	3.85E-02	5.67E-05	3.86E-02	8.64E-05	**7.72E-02**	2.06E-02	5.49E-05	2.70E-04	9.57E-05	**2.10E-02**	2.37E-02	6.66E-05	0.00E+00	1.35E-04	**2.39E-02**
558181.054160577	558181	4160577	WRKR_79	9.92E-02	4.02E-05	1.36E-01	7.79E-05	**2.35E-01**	4.41E-02	5.71E-05	4.66E-02	8.71E-05	**9.08E-02**	2.36E-02	5.52E-05	3.26E-04	9.65E-05	**2.41E-02**	2.72E-02	6.71E-05	0.00E+00	1.36E-04	**2.74E-02**
558181.054160587	558181	4160587	WRKR_80	1.15E-01	4.05E-05	1.66E-01	7.84E-05	**2.81E-01**	5.13E-02	5.74E-05	5.70E-02	8.76E-05	**1.08E-01**	2.74E-02	5.55E-05	3.99E-04	9.71E-05	**2.80E-02**	3.16E-02	6.74E-05	0.00E+00	1.37E-04	**3.18E-02**
558191.054160577	558191	4160577	WRKR_81	1.03E-01	4.27E-05	1.42E-01	8.24E-05	**2.45E-01**	4.61E-02	6.05E-05	4.87E-02	9.21E-05	**9.49E-02**	2.46E-02	5.86E-05	3.41E-04	1.02E-04	**2.51E-02**	2.84E-02	7.11E-05	0.00E+00	1.44E-04	**2.86E-02**
558368.544160582	558369	4160582	WRKR_82	6.90E-02	2.80E-04	8.75E-02	6.04E-04	**1.57E-01**	3.07E-02	3.97E-04	3.01E-02	6.75E-04	**6.19E-02**	1.64E-02	3.85E-04	2.10E-04	7.48E-04	**1.78E-02**	1.89E-02	4.67E-04	0.00E+00	1.05E-03	**2.05E-02**
558378.544160582	558379	4160582	WRKR_83	6.54E-02	2.95E-04	8.24E-02	6.41E-04	**1.49E-01**	2.91E-02	4.18E-04	2.83E-02	7.16E-04	**5.85E-02**	1.55E-02	4.05E-04	1.98E-04	7.94E-04	**1.69E-02**	1.79E-02	4.92E-04	0.00E+00	1.12E-03	**1.95E-02**
558378.544160592	558379	4160592	WRKR_84	7.40E-02	3.59E-04	9.50E-02	8.19E-04	**1.70E-01**	3.30E-02	5.09E-04	3.27E-02	9.15E-04	**6.70E-02**	1.76E-02	4.93E-04	2.28E-04	1.01E-03	**1.93E-02**	2.03E-02	5.99E-04	0.00E+00	1.43E-03	**2.23E-02**
558378.544160602	558379	4160602	WRKR_85	8.34E-02	4.40E-04	1.10E-01	1.08E-03	**1.95E-01**	3.71E-02	6.24E-04	3.78E-02	1.20E-03	**7.67E-02**	1.98E-02	6.04E-04	2.64E-04	1.34E-03	**2.20E-02**	2.29E-02	7.33E-04	0.00E+00	1.88E-03	**2.55E-02**
558378.544160612	558379	4160612	WRKR_86	9.72E-02	5.89E-04	1.32E-01	1.03E-03	**2.31E-01**	4.33E-02	8.36E-04	4.53E-02	1.16E-03	**9.06E-02**	2.31E-02	8.09E-04	3.17E-04	1.28E-03	**2.55E-02**	2.67E-02	9.82E-04	0.00E+00	1.80E-03	**2.94E-02**
558388.544160582	558389	4160582	WRKR_87	6.11E-02	3.09E-04	7.69E-02	6.73E-04	**1.39E-01**	2.72E-02	4.39E-04	2.64E-02	7.52E-04	**5.48E-02**	1.45E-02	4.25E-04	1.85E-04	8.34E-04	**1.60E-02**	1.68E-02	5.15E-04	0.00E+00	1.17E-03	**1.85E-02**
558388.544160592	558389	4160592	WRKR_88	6.87E-02	3.80E-04	8.79E-02	8.66E-04	**1.58E-01**	3.06E-02	5.39E-04	3.02E-02	9.68E-04	**6.23E-02**	1.63E-02	5.22E-04	2.11E-04	1.07E-03	**1.81E-02**	1.88E-02	6.34E-04	0.00E+00	1.51E-03	**2.10E-02**
558388.544160602	558389	4160602	WRKR_89	7.69E-02	4.68E-04	1.01E-01	1.14E-03	**1.79E-01**	3.42E-02	6.64E-04	3.47E-02	1.28E-03	**7.08E-02**	1.83E-02	6.42E-04	2.42E-04	1.42E-03	**2.06E-02**	2.11E-02	7.80E-04	0.00E+00	1.99E-03	**2.39E-02**
558388.544160612	558389	4160612	WRKR_90	8.94E-02	4.16E-04	1.20E-01	1.05E-03	**2.11E-01**	3.98E-02	5.90E-04	4.14E-02	1.17E-03	**8.29E-02**	2.13E-02	5.71E-04	2.90E-04	1.30E-03	**2.34E-02**	2.45E-02	6.93E-04	0.00E+00	1.83E-03	**2.70E-02**
558398.544160582	558399	4160582	WRKR_91	5.64E-02	3.26E-04	7.11E-02	7.05E-04	**1.29E-01**	2.51E-02	4.63E-04	2.44E-02	7.88E-04	**5.08E-02**	1.34E-02	4.48E-04	1.71E-04	8.73E-04	**1.49E-02**	1.55E-02	5.44E-04	0.00E+00	1.23E-03	**1.73E-02**
558398.544160592	558399	4160592	WRKR_92	6.31E-02	3.93E-04	8.08E-02	8.93E-04	**1.45E-01**	2.81E-02	5.57E-04	2.77E-02	9.98E-04	**5.74E-02**	1.50E-02	5.39E-04	1.94E-04	1.11E-03	**1.69E-02**	1.73E-02	6.55E-04	0.00E+00	1.56E-03	**1.95E-02**
558398.544160602	558399	4160602	WRKR_93	7.11E-02	4.95E-04	9.28E-02	1.21E-03	**1.66E-01**	3.17E-02	7.01E-04	3.19E-02	1.35E-03	**6.56E-02**	1.69E-02	6.79E-04	2.23E-04	1.49E-03	**1.93E-02**	1.95E-02	8.24E-04	0.00E+00	2.10E-03	**2.24E-02**
558398.544160612	558399	4160612	WRKR_94	8.18E-02	4.61E-04	1.09E-01	1.16E-03	**1.93E-01**	3.64E-02	6.54E-04	3.76E-02	1.29E-03	**7.59E-02**	1.95E-02	6.33E-04	2.63E-04	1.43E-03	**2.18E-02**	2.24E-02	7.69E-04	0.00E+00	2.01E-03	**2.52E-02**
557976.094160490	557976	4160490	HLTN_1	1.37E-02	1.56E-05	1.66E-02	2.99E-05	**3.03E-02**	6.09E-03	2.21E-05	5.70E-03	3.34E-05	**1.19E-02**	3.25E-03	2.14E-05	3.99E-05	3.70E-05	**3.35E-03**	3.75E-03	2.60E-05	0.00E+00	5.21E-05	**3.83E-03**
557976.094160500	557976	4160500	HLTN_2	1.42E-02	1.57E-05	1.71E-02	3.01E-05	**3.14E-02**	6.32E-03	2.23E-05	5.89E-03	3.36E-05	**1.23E-02**	3.38E-03	2.16E-05	4.12E-05	3.73E-05	**3.48E-03**	3.89E-03	2.62E-05	0.00E+00	5.25E-05	**3.97E-03**
557976.094160510	557976	4160510	HLTN_3	1.48E-02	1.58E-05	1.78E-02	3.04E-05	**3.27E-02**	6.60E-03	2.25E-05	6.13E-03	3.39E-05	**1.28E-02**	3.53E-03	2.17E-05	4.28E-05	3.76E-05	**3.63E-03**	4.07E-03	2.64E-05	0.00E+00	5.29E-05	**4.15E-03**
557976.094160520	557976	4160520	HLTN_4	1.54E-02	1.59E-05	1.85E-02	3.06E-05	**3.40E-02**	6.87E-03	2.26E-05	6.34E-03	3.42E-05	**1.33E-02**	3.67E-03	2.19E-05	4.44E-05	3.79E-05	**3.78E-03**	4.24E-03	2.65E-05	0.00E+00	5.33E-05	**4.32E-03**
557976.094160530	557976	4160530	HLTN_5	1.60E-02	1.60E-05	1.90E-02	3.08E-05	**3.50E-02**	7.10E-03	2.27E-05	6.53E-03	3.44E-05	**1.37E-02**	3.79E-03	2.20E-05	4.57E-05	3.81E-05	**3.90E-03**	4.38E-03	2.67E-05	0.00E+00	5.37E-05	**4.46E-03**
557986.094160480	557986	4160480	HLTN_6	1.41E-02	1.60E-05	1.72E-02	3.07E-05	**3.14E-02**	6.28E-03	2.27E-05	5.91E-03	3.43E-05	**1.23E-02**	3.36E-03	2.20E-05	4.14E-05	3.80E-05	**3.46E-03**	3.87E-03	2.67E-05	0.00E+00	5.35E-05	**3.95E-03**
557986.094160490	557986	4160490	HLTN_7	1.49E-02	1.62E-05	1.81E-02	3.10E-05	**3.30E-02**	6.63E-03	2.30E-05	6.21E-03	3.46E-05	**1.29E-02**	3.54E-03	2.22E-05	4.34E-05	3.84E-05	**3.65E-03**	4.08E-03	2.70E-05	0.00E+00	5.40E-05	**4.16E-03**
557986.094160500	557986	4160500	HLTN_8	1.54E-02	1.63E-05	1.87E-02	3.12E-05	**3.42E-02**	6.88E-03	2.31E-05	6.41E-03	3.49E-05	**1.33E-02**	3.67E-03	2.24E-05	4.49E-05	3.87E-05	**3.78E-03**	4.24E-03	2.72E-05	0.00E+00	5.44E-05	**4.32E-03**
557986.094160510	557986	4160510	HLTN_9	1.60E-02	1.64E-05	1.93E-02	3.14E-05	**3.53E-02**	7.13E-03	2.32E-05	6.62E-03	3.51E-05	**1.38E-02**	3.81E-03	2.25E-05	4.63E-05	3.89E-05	**3.92E-03**	4.39E-03	2.73E-05	0.00E+00	5.48E-05	**4.47E-03**
557986.094160520	557986	4160520	HLTN_10	1.66E-02	1.65E-05	1.99E-02	3.17E-05	**3.66E-02**	7.39E-03	2.34E-05	6.84E-03	3.54E-05	**1.43E-02**	3.95E-03	2.26E-05	4.78E-05	3.92E-05	**4.06E-03**	4.55E-03	2.75E-05	0.00E+00	5.52E-05	**4.64E-03**
557986.094160530	557986	4160530	HLTN_11	1.72E-02	1.66E-05	2.06E-02	3.19E-05	**3.78E-02**	7.65E-03	2.35E-05	7.07E-03	3.56E-05	**1.48E-02**	4.09E-03	2.27E-05	4.95E-05	3.95E-05	**4.20E-03**	4.71E-03	2.76E-05	0.00E+00	5.56E-05	**4.80E-03**
557996.094160480	557996	4160480	HLTN_12	1.53E-02	1.67E-05	1.86E-02	3.19E-05	**3.39E-02**	6.79E-03	2.36E-05	6.40E-03	3.56E-05	**1.33E-02**	3.63E-03	2.29E-05	4.48E-05	3.95E-05	**3.74E-03**	4.19E-03	2.78E-05	0.00E+00	5.56E-05	**4.27E-03**
557996.094160490	557996	4160490	HLTN_13	1.59E-02	1.68E-05	1.93E-02	3.21E-05	**3.53E-02**	7.07E-03	2.38E-05	6.65E-03	3.59E-05	**1.38E-02**	3.78E-03	2.30E-05	4.65E-05	3.98E-05	**3.88E-03**	4.35E-03	2.79E-05	0.00E+00	5.60E-05	**4.44E-03**
557996.094160500	557996	4160500	HLTN_14	1.65E-02	1.69E-05	2.00E-02	3.23E-05	**3.66E-02**	7.35E-03	2.39E-05	6.88E-03	3.61E-05	**1.43E-02**	3.93E-03	2.32E-05	4.81E-05	4.00E-05	**4.04E-03**	4.53E-03	2.81E-05	0.00E+00	5.64E-05	**4.61E-03**
557996.094160510	557996	4160510	HLTN_15	1.72E-02	1.70E-05	2.07E-02	3.25E-05	**3.80E-02**	7.64E-03	2.41E-05	7.13E-03	3.64E-05	**1.48E-02**	4.08E-03	2.33E-05	4.99E-05	4.03E-05	**4.20E-03**	4.71E-03	2.83E-05	0.00E+00	5.68E-05	**4.79E-03**
557996.094160520	557996	4160520	HLTN_16	1.78E-02	1.71E-05	2.15E-02	3.28E-05	**3.94E-02**	7.94E-03	2.42E-05	7.38E-03	3.66E-05	**1.54E-02**	4.25E-03	2.34E-05	5.16E-05	4.06E-05	**4.36E-03**	4.89E-03	2.84E-05	0.00E+00	5.72E-05	**4.98E-03**
557996.094160530	557996	4160530	HLTN_17	1.85E-02	1.71E-05	2.22E-02	3.30E-05	**4.08E-02**	8.25E-03	2.43E-05	7.64E-03	3.69E-05	**1.60E-02**	4.41E-03	2.35E-05	5.34E-05	4.09E-05	**4.53E-03**	5.09E-03	2.86E-05	0.00E+00	5.75E-05	**5.17E-03**
557996.094160540	557996	4160540	HLTN_18	1.93E-02	1.72E-05	2.29E-02	3.31E-05	**4.22E-02**	8.57E-03	2.44E-05	7.88E-03	3.70E-05	**1.65E-02**	4.58E-03	2.36E-05	5.51E-05	4.11E-05	**4.70E-03**	5.28E-03	2.87E-05	0.00E+00	5.78E-05	**5.37E-03**
557996.094160550	557996	4160550	HLTN_19	2.00E-02	1.73E-05	2.37E-02	3.33E-05	**4.38E-02**	8.89E-03	2.45E-05	8.15E-03	3.72E-05	**1.71E-02**	4.75E-03	2.37E-05	5.70E-05	4.13E-05	**4.87E-03**	5.48E-03	2.88E-05	0.00E+00	5.81E-05	**5.57E-03**
557996.094160560	557996	4160560	HLTN_20	2.07E-02	1.73E-05	2.46E-02	3.34E-05	**4.53E-02**	9.21E-03	2.46E-05	8.44E-03	3.74E-05	**1.77E-02**	4.92E-03	2.38E-05	5.91E-05	4.14E-05	**5.05E-03**	5.68E-03	2.89E-05	0.00E+00	5.83E-05	**5.76E-03**
557996.094160570	557996	4160570	HLTN_21	2.14E-02	1.73E-05	2.54E-02	3.35E-05	**4.69E-02**	9.53E-03	2.46E-05	8.72E-03	3.75E-05	**1.83E-02**	5.09E-03	2.38E-05	6.10E-05	4.15E-05	**5.22E-03**	5.87E-03	2.89E-05	0.00E+00	5.85E-05	**5.96E-03**
558006.094160480	558006	4160480	HLTN_22	1.62E-02	1.72E-05	1.98E-02	3.29E-05	**3.61E-02**	7.22E-03	2.44E-05	6.81E-03	3.68E-05	**1.41E-02**	3.86E-03	2.36E-05	4.76E-05	4.08E-05	**3.97E-03**	4.45E-03	2.87E-05	0.00E+00	5.74E-05	**4.53E-03**
558006.094160490	558006	4160490	HLTN_23	1.69E-02	1.73E-05	2.06E-02	3.32E-05	**3.76E-02**	7.53E-03	2.46E-05	7.09E-03	3.71E-05	**1.47E-02**	4.02E-03	2.38E-05	4.96E-05	4.11E-05	**4.14E-03**	4.64E-03	2.89E-05	0.00E+00	5.79E-05	**4.73E-03**
558006.094160500	558006	4160500	HLTN_24	1.77E-02	1.75E-05	2.14E-02	3.34E-05	**3.91E-02**	7.86E-03	2.47E-05	7.37E-03	3.74E-05	**1.53E-02**	4.20E-03	2.40E-05	5.15E-05	4.14E-05	**4.31E-03**	4.84E-03	2.91E-05	0.00E+00	5.83E-05	**4.93E-03**
558006.094160510	558006	4160510	HLTN_25	1.84E-02	1.76E-05	2.23E-02	3.37E-05	**4.07E-02**	8.20E-03	2.49E-05	7.65E-03	3.76E-05	**1.59E-02**	4.38E-03	2.41E-05	5.35E-05	4.17E-05	**4.50E-03**	5.05E-03	2.93E-05	0.00E+00	5.87E-05	**5.14E-03**
558006.094160520	558006	4160520	HLTN_26	1.92E-02	1.77E-05	2.31E-02	3.39E-05	**4.24E-02**	8.55E-03	2.50E-05	7.94E-03	3.79E-05	**1.65E-02**	4.57E-03	2.42E-05	5.55E-05	4.20E-05	**4.69E-03**	5.27E-03	2.94E-05	0.00E+00	5.91E-05	**5.35E-03**
558006.094160530	558006	4160530	HLTN_27	2.00E-02	1.77E-05	2.40E-02	3.42E-05	**4.41E-02**	8.91E-03	2.52E-05	8.24E-03	3.82E-05	**1.72E-02**	4.76E-03	2.44E-05	5.77E-05	4.23E-05	**4.88E-03**	5.49E-03	2.96E-05	0.00E+00	5.96E-05	**5.58E-03**
558006.094160540	558006	4160540	HLTN_28	2.08E-02	1.78E-05	2.49E-02	3.44E-05	**4.58E-02**	9.28E-03	2.53E-05	8.56E-03	3.84E-05	**1.79E-02**	4.96E-03	2.45E-05	5.99E-05	4.26E-05	**5.09E-03**	5.72E-03	2.97E-05	0.00E+00	5.99E-05	**5.81E-03**
558006.094160550	558006	4160550	HLTN_29	2.17E-02	1.79E-05	2.58E-02	3.45E-05	**4.76E-02**	9.66E-03	2.54E-05	8.88E-03	3.86E-05	**1.86E-02**	5.16E-03	2.45E-05	6.21E-05	4.28E-05	**5.29E-03**	5.95E-03	2.98E-05	0.00E+00	6.02E-05	**6.04E-03**
558006.094160560	558006	4160560	HLTN_30	2.26E-02	1.79E-05	2.68E-02	3.47E-05	**4.94E-02**	1.00E-02	2.54E-05	9.22E-03	3.87E-05	**1.93E-02**	5.37E-03	2.46E-05	6.45E-05	4.29E-05	**5.50E-03**	6.19E-03	2.99E-05	0.00E+00	6.05E-05	**6.28E-03**
558006.094160570	558006	4160570	HLTN_31	2.34E-02	1.80E-05	2.78E-02	3.48E-05	**5.13E-02**	1.04E-02	2.55E-05	9.57E-03	3.89E-05	**2.01E-02**	5.57E-03	2.47E-05	6.69E-05	4.31E-05	**5.71E-03**	6.42E-03	2.99E-05	0.00E+00	6.06E-05	**6.51E-03**
558016.094160480	558016	4160480	HLTN_32	1.72E-02	1.78E-05	2.11E-02	3.41E-05	**3.83E-02**	7.67E-03	2.53E-05	7.24E-03	3.81E-05	**1.50E-02**	4.10E-03	2.45E-05	5.06E-05	4.22E-05	**4.21E-03**	4.72E-03	2.97E-05	0.00E+00	5.94E-05	**4.81E-03**
558016.094160490	558016	4160490	HLTN_33	1.80E-02	1.79E-05	2.20E-02	3.43E-05	**4.01E-02**	8.02E-03	2.54E-05	7.56E-03	3.84E-05	**1.56E-02**	4.29E-03	2.46E-05	5.29E-05	4.25E-05	**4.41E-03**	4.94E-03	2.99E-05	0.00E+00	5.99E-05	**5.03E-03**
558016.094160500	558016	4160500	HLTN_34	1.89E-02	1.81E-05	2.29E-02	3.46E-05	**4.18E-02**	8.39E-03	2.56E-05	7.87E-03	3.87E-05	**1.63E-02**	4.49E-03	2.48E-05	5.51E-05	4.29E-05	**4.61E-03**	5.17E-03	3.01E-05	0.00E+00	6.03E-05	**5.26E-03**
558016.094160510	558016	4160510	HLTN_35	1.97E-02	1.82E-05	2.38E-02	3.48E-05	**4.36E-02**	8.79E-03	2.58E-05	8.19E-03	3.90E-05	**1.70E-02**	4.69E-03	2.49E-05	5.73E-05	4.32E-05	**4.82E-03**	5.41E-03	3.03E-05	0.00E+00	6.08E-05	**5.50E-03**
558016.094160520	558016	4160520	HLTN_36	2.07E-02	1.83E-05	2.48E-02	3.51E-05	**4.55E-02**	9.19E-03	2.59E-05	8.52E-03	3.92E-05	**1.78E-02**	4.91E-03	2.51E-05	5.96E-05	4.35E-05	**5.04E-03**	5.66E-03	3.05E-05	0.00E+00	6.12E-05	**5.76E-03**
558016.094160530	558016	4160530	HLTN_37	2.16E-02	1.84E-05	2.59E-02	3.54E-05	**4.76E-02**	9.61E-03	2.61E-05	8.90E-03	3.96E-05	**1.86E-02**	5.14E-03	2.52E-05	6.23E-05	4.38E-05	**5.27E-03**	5.92E-03	3.06E-05	0.00E+00	6.17E-05	**6.02E-03**
558016.094160540	558016	4160540	HLTN_38	2.26E-02	1.85E-05	2.70E-02	3.56E-05	**4.97E-02**	1.00E-02	2.62E-05	9.28E-03	3.98E-05	**1.94E-02**	5.37E-03	2.54E-05	6.50E-05	4.41E-05	**5.50E-03**	6.19E-03	3.08E-05	0.00E+00	6.22E-05	**6.28E-03**
558016.094160550	558016	4160550	HLTN_39	2.36E-02	1.85E-05	2.81E-02	3.58E-05	**5.18E-02**	1.05E-02	2.63E-05	9.66E-03	4.00E-05	**2.02E-02**	5.61E-03	2.54E-05	6.76E-05	4.44E-05	**5.75E-03**	6.47E-03	3.09E-05	0.00E+00	6.25E-05	**6.57E-03**
558016.094160560	558016	4160560	HLTN_40	2.46E-02	1.86E-05	2.93E-02	3.60E-05	**5.40E-02**	1.10E-02	2.64E-05	1.01E-02	4.02E-05	**2.11E-02**	5.86E-03	2.55E-05	7.05E-05	4.45E-05	**6.00E-03**	6.76E-03	3.10E-05	0.00E+00	6.27E-05	**6.85E-03**
558016.094160570	558016	4160570	HLTN_41	2.57E-02	1.86E-05	3.06E-02	3.61E-05	**5.63E-02**	1.14E-02	2.64E-05	1.05E-02	4.03E-05	**2.20E-02**	6.11E-03	2.56E-05	7.35E-05	4.47E-05	**6.25E-03**	7.04E-03	3.10E-05	0.00E+00	6.29E-05	**7.14E-03**
558026.094160480	558026	4160480	HLTN_42	1.83E-02	1.85E-05	2.23E-02	3.53E-05	**4.07E-02**	8.13E-03	2.62E-05	7.68E-03	3.94E-05	**1.59E-02**	4.35E-03	2.53E-05	5.37E-05	4.37E-05	**4.47E-03**	5.01E-03	3.08E-05	0.00E+00	6.15E-05	**5.10E-03**
558026.094160490	558026	4160490	HLTN_43	1.92E-02	1.86E-05	2.34E-02	3.56E-05	**4.26E-02**	8.54E-03	2.64E-05	8.04E-03	3.98E-05	**1.66E-02**	4.56E-03	2.55E-05	5.62E-05	4.41E-05	**4.69E-03**	5.26E-03	3.10E-05	0.00E+00	6.20E-05	**5.35E-03**
558026.094160500	558026	4160500	HLTN_44	2.01E-02	1.87E-05	2.44E-02	3.58E-05	**4.46E-02**	8.96E-03	2.65E-05	8.39E-03	4.00E-05	**1.74E-02**	4.79E-03	2.57E-05	5.87E-05	4.44E-05	**4.92E-03**	5.52E-03	3.12E-05	0.00E+00	6.24E-05	**5.62E-03**
558026.094160510	558026	4160510	HLTN_45	2.11E-02	1.88E-05	2.55E-02	3.60E-05	**4.66E-02**	9.39E-03	2.67E-05	8.75E-03	4.03E-05	**1.82E-02**	5.02E-03	2.58E-05	6.12E-05	4.46E-05	**5.15E-03**	5.78E-03	3.13E-05	0.00E+00	6.28E-05	**5.88E-03**
558026.094160520	558026	4160520	HLTN_46	2.22E-02	1.89E-05	2.67E-02	3.63E-05	**4.89E-02**	9.88E-03	2.68E-05	9.16E-03	4.06E-05	**1.91E-02**	5.28E-03	2.60E-05	6.41E-05	4.50E-05	**5.41E-03**	6.09E-03	3.15E-05	0.00E+00	6.34E-05	**6.18E-03**
558026.094160530	558026	4160530	HLTN_47	2.33E-02	1.91E-05	2.79E-02	3.67E-05	**5.13E-02**	1.04E-02	2.70E-05	9.60E-03	4.10E-05	**2.00E-02**	5.54E-03	2.62E-05	6.72E-05	4.55E-05	**5.68E-03**	6.39E-03	3.18E-05	0.00E+00	6.40E-05	**6.49E-03**
558026.094160540	558026	4160540	HLTN_48	2.44E-02	1.92E-05	2.93E-02	3.70E-05	**5.38E-02**	1.09E-02	2.72E-05	1.01E-02	4.13E-05	**2.10E-02**	5.81E-03	2.63E-05	7.04E-05	4.58E-05	**5.96E-03**	6.71E-03	3.19E-05	0.00E+00	6.45E-05	**6.80E-03**
558026.094160550	558026	4160550	HLTN_49	2.57E-02	1.92E-05	3.06E-02	3.72E-05	**5.64E-02**	1.14E-02	2.73E-05	1.05E-02	4.16E-05	**2.20E-02**	6.10E-03	2.64E-05	7.37E-05	4.61E-05	**6.25E-03**	7.04E-03	3.21E-05	0.00E+00	6.49E-05	**7.14E-03**
558026.094160560	558026	4160560	HLTN_50	2.69E-02	1.93E-05	3.21E-02	3.73E-05	**5.91E-02**	1.20E-02	2.74E-05	1.10E-02	4.17E-05	**2.31E-02**	6.40E-03	2.65E-05	7.72E-05	4.63E-05	**6.55E-03**	7.38E-03	3.22E-05	0.00E+00	6.51E-05	**7.48E-03**
558026.094160570	558026	4160570	HLTN_51	2.82E-02	1.93E-05	3.36E-02	3.74E-05	**6.19E-02**	1.25E-02	2.74E-05	1.16E-02	4.19E-05	**2.42E-02**	6.70E-03	2.65E-05	8.09E-05	4.64E-05	**6.86E-03**	7.73E-03	3.22E-05	0.00E+00	6.53E-05	**7.83E-03**
558036.094160480	558036	4160480	HLTN_52	1.93E-02	1.91E-05	2.36E-02	3.65E-05	**4.30E-02**	8.59E-03	2.71E-05	8.11E-03	4.08E-05	**1.68E-02**	4.59E-03	2.62E-05	5.67E-05	4.52E-05	**4.72E-03**	5.29E-03	3.18E-05	0.00E+00	6.36E-05	**5.39E-03**
558036.094160490	558036	4160490	HLTN_53	2.04E-02	1.92E-05	2.48E-02	3.68E-05	**4.52E-02**	9.07E-03	2.73E-05	8.53E-03	4.11E-05	**1.77E-02**	4.85E-03	2.64E-05	5.97E-05	4.56E-05	**4.98E-03**	5.59E-03	3.21E-05	0.00E+00	6.41E-05	**5.68E-03**
558036.094160500	558036	4160500	HLTN_54	2.13E-02	1.93E-05	2.59E-02	3.70E-05	**4.72E-02**	9.49E-03	2.74E-05	8.89E-03	4.14E-05	**1.84E-02**	5.07E-03	2.66E-05	6.22E-05	4.59E-05	**5.20E-03**	5.84E-03	3.22E-05	0.00E+00	6.46E-05	**5.94E-03**
558036.094160510	558036	4160510	HLTN_55	2.21E-02	1.94E-05	2.68E-02	3.72E-05	**4.90E-02**	9.85E-03	2.75E-05	9.20E-03	4.16E-05	**1.91E-02**	5.26E-03	2.67E-05	6.44E-05	4.61E-05	**5.40E-03**	6.07E-03	3.24E-05	0.00E+00	6.49E-05	**6.17E-03**
558036.094160520	558036	4160520	HLTN_56	2.35E-02	1.96E-05	2.83E-02	3.76E-05	**5.19E-02**	1.05E-02	2.78E-05	9.74E-03	4.21E-05	**2.03E-02**	5.60E-03	2.69E-05	6.81E-05	4.66E-05	**5.74E-03**	6.46E-03	3.27E-05	0.00E+00	6.56E-05	**6.55E-03**
558036.094160530	558036	4160530	HLTN_57	2.51E-02	1.98E-05	3.01E-02	3.81E-05	**5.53E-02**	1.12E-02	2.80E-05	1.03E-02	4.26E-05	**2.16E-02**	5.98E-03	2.71E-05	7.24E-05	4.72E-05	**6.12E-03**	6.89E-03	3.30E-05	0.00E+00	6.64E-05

Annual PM2.5

				AG	AH	AL	AJ	E	G	F	H						E	G	F	H	
				Year 1 Project Concentrations (μg/m^3)				Year 2 Project Concentrations (μg/m^3)					Year 3 Project Concentrations (μg/m^3)					Year 4 Project Concentrations (μg/m^3)				
XY	X	Y	Type	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL
558046.094160480	558046	4160480	HLTN_61	1.99E-02	1.97E-05	2.44E-02	3.76E-05	**4.44E-02**	8.87E-03	2.79E-05	8.39E-03	4.20E-05	**1.73E-02**	4.74E-03	2.70E-05	5.87E-05	4.66E-05	**4.87E-03**	5.47E-03	3.28E-05	0.00E+00	6.56E-05	**5.57E-03**
558046.094160490	558046	4160490	HLTN_62	2.11E-02	1.98E-05	2.57E-02	3.79E-05	**4.69E-02**	9.38E-03	2.81E-05	8.84E-03	4.24E-05	**1.83E-02**	5.01E-03	2.72E-05	6.18E-05	4.70E-05	**5.15E-03**	5.78E-03	3.31E-05	0.00E+00	6.61E-05	**5.88E-03**
558046.094160500	558046	4160500	HLTN_63	2.21E-02	1.99E-05	2.70E-02	3.82E-05	**4.92E-02**	9.86E-03	2.83E-05	9.27E-03	4.27E-05	**1.92E-02**	5.27E-03	2.74E-05	6.48E-05	4.73E-05	**5.41E-03**	6.07E-03	3.32E-05	0.00E+00	6.66E-05	**6.17E-03**
558046.094160510	558046	4160510	HLTN_64	2.33E-02	2.01E-05	2.83E-02	3.84E-05	**5.16E-02**	1.04E-02	2.84E-05	9.72E-03	4.30E-05	**2.02E-02**	5.54E-03	2.75E-05	6.80E-05	4.76E-05	**5.69E-03**	6.39E-03	3.34E-05	0.00E+00	6.71E-05	**6.49E-03**
558046.094160520	558046	4160520	HLTN_65	2.50E-02	2.03E-05	3.02E-02	3.90E-05	**5.53E-02**	1.11E-02	2.88E-05	1.04E-02	4.36E-05	**2.16E-02**	5.95E-03	2.79E-05	7.26E-05	4.83E-05	**6.10E-03**	6.86E-03	3.38E-05	0.00E+00	6.80E-05	**6.97E-03**
558046.094160530	558046	4160530	HLTN_66	2.70E-02	2.05E-05	3.25E-02	3.95E-05	**5.96E-02**	1.20E-02	2.91E-05	1.11E-02	4.42E-05	**2.33E-02**	6.43E-03	2.82E-05	7.80E-05	4.90E-05	**6.59E-03**	7.42E-03	3.42E-05	0.00E+00	6.90E-05	**7.52E-03**
558046.094160540	558046	4160540	HLTN_67	2.86E-02	2.07E-05	3.44E-02	3.99E-05	**6.30E-02**	1.27E-02	2.93E-05	1.18E-02	4.46E-05	**2.46E-02**	6.81E-03	2.84E-05	8.26E-05	4.94E-05	**6.97E-03**	7.85E-03	3.44E-05	0.00E+00	6.96E-05	**7.95E-03**
558046.094160550	558046	4160550	HLTN_68	3.03E-02	2.08E-05	3.63E-02	4.02E-05	**6.67E-02**	1.35E-02	2.94E-05	1.25E-02	4.49E-05	**2.61E-02**	7.21E-03	2.85E-05	8.74E-05	4.98E-05	**7.37E-03**	8.31E-03	3.46E-05	0.00E+00	7.01E-05	**8.42E-03**
558056.094160480	558056	4160480	HLTN_69	2.09E-02	2.04E-05	2.57E-02	3.90E-05	**4.66E-02**	9.31E-03	2.89E-05	8.81E-03	4.35E-05	**1.82E-02**	4.97E-03	2.80E-05	6.17E-05	4.83E-05	**5.11E-03**	5.73E-03	3.40E-05	0.00E+00	6.79E-05	**5.84E-03**
558056.094160490	558056	4160490	HLTN_70	2.21E-02	2.05E-05	2.70E-02	3.92E-05	**4.91E-02**	9.82E-03	2.91E-05	9.28E-03	4.38E-05	**1.92E-02**	5.25E-03	2.82E-05	6.49E-05	4.86E-05	**5.39E-03**	6.05E-03	3.42E-05	0.00E+00	6.84E-05	**6.15E-03**
558056.094160500	558056	4160500	HLTN_71	2.32E-02	2.06E-05	2.84E-02	3.94E-05	**5.16E-02**	1.03E-02	2.92E-05	9.74E-03	4.41E-05	**2.02E-02**	5.52E-03	2.83E-05	6.82E-05	4.89E-05	**5.67E-03**	6.37E-03	3.44E-05	0.00E+00	6.88E-05	**6.47E-03**
558056.094160510	558056	4160510	HLTN_72	2.47E-02	2.08E-05	3.00E-02	3.98E-05	**5.47E-02**	1.10E-02	2.95E-05	1.03E-02	4.45E-05	**2.13E-02**	5.86E-03	2.85E-05	7.21E-05	4.93E-05	**6.01E-03**	6.76E-03	3.46E-05	0.00E+00	6.95E-05	**6.86E-03**
558056.094160520	558056	4160520	HLTN_73	2.68E-02	2.11E-05	3.24E-02	4.06E-05	**5.93E-02**	1.19E-02	2.99E-05	1.11E-02	4.54E-05	**2.32E-02**	6.38E-03	2.90E-05	7.80E-05	5.03E-05	**6.54E-03**	7.36E-03	3.52E-05	0.00E+00	7.08E-05	**7.46E-03**
558056.094160530	558056	4160530	HLTN_74	2.91E-02	2.14E-05	3.50E-02	4.11E-05	**6.41E-02**	1.29E-02	3.03E-05	1.20E-02	4.60E-05	**2.50E-02**	6.91E-03	2.93E-05	8.40E-05	5.10E-05	**7.08E-03**	7.97E-03	3.56E-05	0.00E+00	7.18E-05	**8.08E-03**
558056.094160540	558056	4160540	HLTN_75	3.09E-02	2.15E-05	3.72E-02	4.15E-05	**6.81E-02**	1.37E-02	3.05E-05	1.28E-02	4.64E-05	**2.66E-02**	7.34E-03	2.95E-05	8.94E-05	5.14E-05	**7.51E-03**	8.47E-03	3.58E-05	0.00E+00	7.24E-05	**8.58E-03**
558066.094160480	558066	4160480	HLTN_76	2.27E-02	2.14E-05	2.78E-02	4.09E-05	**5.05E-02**	1.01E-02	3.03E-05	9.54E-03	4.57E-05	**1.97E-02**	5.39E-03	2.94E-05	6.67E-05	5.07E-05	**5.54E-03**	6.22E-03	3.57E-05	0.00E+00	7.13E-05	**6.32E-03**
558066.094160490	558066	4160490	HLTN_77	2.40E-02	2.15E-05	2.93E-02	4.11E-05	**5.33E-02**	1.07E-02	3.05E-05	1.01E-02	4.60E-05	**2.08E-02**	5.70E-03	2.95E-05	7.04E-05	5.10E-05	**5.85E-03**	6.57E-03	3.59E-05	0.00E+00	7.18E-05	**6.68E-03**
558066.094160500	558066	4160500	HLTN_78	2.48E-02	2.15E-05	3.03E-02	4.12E-05	**5.51E-02**	1.10E-02	3.05E-05	1.04E-02	4.60E-05	**2.15E-02**	5.89E-03	2.95E-05	7.27E-05	5.10E-05	**6.05E-03**	6.80E-03	3.58E-05	0.00E+00	7.18E-05	**6.90E-03**
558066.094160510	558066	4160510	HLTN_79	2.69E-02	2.18E-05	3.27E-02	4.18E-05	**5.96E-02**	1.20E-02	3.09E-05	1.12E-02	4.67E-05	**2.33E-02**	6.39E-03	2.99E-05	7.85E-05	5.18E-05	**6.55E-03**	7.37E-03	3.64E-05	0.00E+00	7.29E-05	**7.48E-03**
558066.094160520	558066	4160520	HLTN_80	2.92E-02	2.21E-05	3.53E-02	4.24E-05	**6.45E-02**	1.30E-02	3.13E-05	1.21E-02	4.74E-05	**2.52E-02**	6.93E-03	3.03E-05	8.48E-05	5.26E-05	**7.10E-03**	8.00E-03	3.68E-05	0.00E+00	7.40E-05	**8.11E-03**
558066.094160530	558066	4160530	HLTN_81	3.11E-02	2.22E-05	3.76E-02	4.29E-05	**6.88E-02**	1.38E-02	3.15E-05	1.29E-02	4.79E-05	**2.69E-02**	7.40E-03	3.05E-05	9.05E-05	5.31E-05	**7.57E-03**	8.53E-03	3.70E-05	0.00E+00	7.48E-05	**8.64E-03**
558076.094160480	558076	4160480	HLTN_82	2.38E-02	2.23E-05	2.91E-02	4.26E-05	**5.29E-02**	1.06E-02	3.16E-05	1.00E-02	4.76E-05	**2.07E-02**	5.65E-03	3.06E-05	6.99E-05	5.28E-05	**5.80E-03**	6.52E-03	3.71E-05	0.00E+00	7.43E-05	**6.63E-03**
558076.094160490	558076	4160490	HLTN_83	2.53E-02	2.24E-05	3.09E-02	4.29E-05	**5.64E-02**	1.13E-02	3.18E-05	1.06E-02	4.79E-05	**2.20E-02**	6.03E-03	3.08E-05	7.44E-05	5.31E-05	**6.19E-03**	6.95E-03	3.74E-05	0.00E+00	7.48E-05	**7.06E-03**
558076.094160500	558076	4160500	HLTN_84	2.62E-02	2.24E-05	3.20E-02	4.29E-05	**5.82E-02**	1.17E-02	3.17E-05	1.10E-02	4.79E-05	**2.27E-02**	6.23E-03	3.07E-05	7.68E-05	5.31E-05	**6.39E-03**	7.18E-03	3.73E-05	0.00E+00	7.47E-05	**7.29E-03**
558076.094160510	558076	4160510	HLTN_85	2.89E-02	2.28E-05	3.51E-02	4.37E-05	**6.41E-02**	1.29E-02	3.23E-05	1.21E-02	4.88E-05	**2.50E-02**	6.88E-03	3.13E-05	8.44E-05	5.41E-05	**7.05E-03**	7.93E-03	3.80E-05	0.00E+00	7.62E-05	**8.05E-03**
558076.094160520	558076	4160520	HLTN_86	3.10E-02	2.30E-05	3.77E-02	4.43E-05	**6.87E-02**	1.38E-02	3.26E-05	1.29E-02	4.95E-05	**2.68E-02**	7.37E-03	3.16E-05	9.05E-05	5.48E-05	**7.54E-03**	8.50E-03	3.83E-05	0.00E+00	7.72E-05	**8.61E-03**
558086.094160490	558086	4160490	HLTN_87	2.63E-02	2.33E-05	3.21E-02	4.46E-05	**5.85E-02**	1.17E-02	3.31E-05	1.10E-02	4.99E-05	**2.28E-02**	6.26E-03	3.20E-05	7.72E-05	5.53E-05	**6.42E-03**	7.22E-03	3.89E-05	0.00E+00	7.78E-05	**7.34E-03**
558086.094160500	558086	4160500	HLTN_88	2.78E-02	2.34E-05	3.39E-02	4.49E-05	**6.18E-02**	1.24E-02	3.32E-05	1.17E-02	5.02E-05	**2.41E-02**	6.62E-03	3.22E-05	8.15E-05	5.56E-05	**6.79E-03**	7.64E-03	3.91E-05	0.00E+00	7.83E-05	**7.75E-03**
558086.094160510	558086	4160510	HLTN_89	3.06E-02	2.38E-05	3.71E-02	4.56E-05	**6.77E-02**	1.36E-02	3.37E-05	1.27E-02	5.10E-05	**2.64E-02**	7.27E-03	3.26E-05	8.91E-05	5.65E-05	**7.45E-03**	8.38E-03	3.96E-05	0.00E+00	7.95E-05	**8.50E-03**
558096.094160490	558096	4160490	HLTN_90	2.73E-02	2.43E-05	3.33E-02	4.65E-05	**6.07E-02**	1.22E-02	3.44E-05	1.15E-02	5.20E-05	**2.37E-02**	6.50E-03	3.33E-05	8.01E-05	5.76E-05	**6.67E-03**	7.50E-03	4.05E-05	0.00E+00	8.11E-05	**7.62E-03**
558096.094160500	558096	4160500	HLTN_91	2.98E-02	2.46E-05	3.62E-02	4.71E-05	**6.61E-02**	1.33E-02	3.49E-05	1.24E-02	5.26E-05	**2.58E-02**	7.10E-03	3.37E-05	8.71E-05	5.84E-05	**7.28E-03**	8.18E-03	4.10E-05	0.00E+00	8.21E-05	**8.31E-03**
558186.784160496	558187	4160496	WRKR_95	3.46E-02	3.79E-05	4.18E-02	7.30E-05	**7.65E-02**	1.54E-02	5.38E-05	1.44E-02	8.16E-05	**2.99E-02**	8.23E-03	5.21E-05	1.00E-04	9.05E-05	**8.47E-03**	9.49E-03	6.32E-05	0.00E+00	1.27E-04	**9.68E-03**
558186.784160506	558187	4160506	WRKR_96	3.80E-02	3.82E-05	4.60E-02	7.35E-05	**8.41E-02**	1.69E-02	5.41E-05	1.58E-02	8.21E-05	**3.29E-02**	9.04E-03	5.24E-05	1.11E-04	9.10E-05	**9.29E-03**	1.04E-02	6.36E-05	0.00E+00	1.28E-04	**1.06E-02**
558196.784160496	558197	4160496	WRKR_97	3.46E-02	4.03E-05	4.16E-02	7.77E-05	**7.64E-02**	1.54E-02	5.72E-05	1.43E-02	8.68E-05	**2.99E-02**	8.24E-03	5.53E-05	1.00E-04	9.62E-05	**8.49E-03**	9.50E-03	6.72E-05	0.00E+00	1.35E-04	**9.70E-03**
558196.784160506	558197	4160506	WRKR_98	3.79E-02	4.06E-05	4.58E-02	7.82E-05	**8.38E-02**	1.69E-02	5.76E-05	1.57E-02	8.75E-05	**3.28E-02**	9.02E-03	5.57E-05	1.10E-04	9.69E-05	**9.28E-03**	1.04E-02	6.77E-05	0.00E+00	1.36E-04	**1.06E-02**
558196.784160516	558197	4160516	WRKR_99	4.21E-02	4.09E-05	5.11E-02	7.89E-05	**9.33E-02**	1.87E-02	5.81E-05	1.75E-02	8.82E-05	**3.64E-02**	1.00E-02	5.62E-05	1.23E-04	9.77E-05	**1.03E-02**	1.15E-02	6.82E-05	0.00E+00	1.38E-04	**1.18E-02**
558196.784160526	558197	4160526	WRKR_100	4.78E-02	4.16E-05	5.82E-02	8.01E-05	**1.06E-01**	2.13E-02	5.89E-05	2.00E-02	8.95E-05	**4.14E-02**	1.14E-02	5.71E-05	1.40E-04	9.92E-05	**1.17E-02**	1.31E-02	6.93E-05	0.00E+00	1.40E-04	**1.33E-02**
558206.784160506	558207	4160506	WRKR_101	3.78E-02	4.34E-05	4.54E-02	8.36E-05	**8.34E-02**	1.68E-02	6.15E-05	1.56E-02	9.35E-05	**3.26E-02**	9.00E-03	5.95E-05	1.09E-04	1.04E-04	**9.27E-03**	1.04E-02	7.23E-05	0.00E+00	1.46E-04	**1.06E-02**
558206.784160516	558207	4160516	WRKR_102	4.22E-02	4.39E-05	5.08E-02	8.47E-05	**9.31E-02**	1.88E-02	6.23E-05	1.74E-02	9.46E-05	**3.64E-02**	1.00E-02	6.03E-05	1.22E-04	1.05E-04	**1.03E-02**	1.16E-02	7.32E-05	0.00E+00	1.48E-04	**1.18E-02**
558206.784160526	558207	4160526	WRKR_103	4.73E-02	4.44E-05	5.73E-02	8.55E-05	**1.05E-01**	2.10E-02	6.29E-05	1.97E-02	9.56E-05	**4.09E-02**	1.12E-02	6.09E-05	1.38E-04	1.06E-04	**1.15E-02**	1.30E-02	7.40E-05	0.00E+00	1.49E-04	**1.32E-02**
558206.784160536	558207	4160536	WRKR_104	5.40E-02	4.51E-05	6.60E-02	8.68E-05	**1.20E-01**	2.41E-02	6.39E-05	2.27E-02	9.70E-05	**4.69E-02**	1.29E-02	6.18E-05	1.59E-04	1.08E-04	**1.32E-02**	1.48E-02	7.51E-05	0.00E+00	1.51E-04	**1.50E-02**
558216.784160516	558217	4160516	WRKR_105	4.18E-02	4.70E-05	5.00E-02	9.06E-05	**9.20E-02**	1.86E-02	6.66E-05	1.72E-02	1.01E-04	**3.60E-02**	9.95E-03	6.45E-05	1.20E-04	1.12E-04	**1.02E-02**	1.15E-02	7.83E-05	0.00E+00	1.58E-04	**1.17E-02**
558216.784160526	558217	4160526	WRKR_106	4.68E-02	4.76E-05	5.63E-02	9.18E-05	**1.03E-01**	2.08E-02	6.75E-05	1.93E-02	1.03E-04	**4.03E-02**	1.11E-02	6.54E-05	1.35E-04	1.14E-04	**1.14E-02**	1.28E-02	7.94E-05	0.00E+00	1.60E-04	**1.31E-02**
558216.784160536	558217	4160536	WRKR_107	5.29E-02	4.82E-05	6.42E-02	9.29E-05	**1.17E-01**	2.35E-02	6.84E-05	2.21E-02	1.04E-04	**4.58E-02**	1.26E-02	6.62E-05	1.54E-04	1.15E-04	**1.29E-02**	1.45E-02	8.04E-05	0.00E+00	1.62E-04	**1.48E-02**
558216.784160546	558217	4160546	WRKR_108	6.07E-02	4.88E-05	7.46E-02	9.40E-05	**1.35E-01**	2.70E-02	6.92E-05	2.56E-02	1.05E-04	**5.28E-02**	1.44E-02	6.70E-05	1.79E-04	1.16E-04	**1.48E-02**	1.66E-02	8.14E-05	0.00E+00	1.64E-04	**1.69E-02**
558226.784160526	558227	4160526	WRKR_109	4.61E-02	5.11E-05	5.51E-02	9.85E-05	**1.01E-01**	2.05E-02	7.24E-05	1.89E-02	1.10E-04	**3.97E-02**	1.10E-02	7.01E-05	1.32E-04	1.22E-04	**1.13E-02**	1.27E-02	8.51E-05	0.00E+00	1.72E-04	**1.29E-02**
558226.784160536	558227	4160536	WRKR_110	5.23E-02	5.19E-05	6.29E-02	1.00E-04	**1.15E-01**	2.33E-02	7.36E-05	2.16E-02	1.12E-04	**4.51E-02**	1.24E-02	7.12E-05	1.51E-04	1.24E-04	**1.28E-02**	1.43E-02	8.65E-05	0.00E+00	1.74E-04	**1.46E-02**
558226.784160546	558227	4160546	WRKR_111	6.00E-02	5.27E-05	7.29E-02	1.02E-04	**1.33E-01**	2.67E-02	7.47E-05	2.50E-02	1.14E-04	**5.19E-02**	1.43E-02	7.24E-05	1.75E-04	1.26E-04	**1.46E-02**	1.64E-02	8.78E-05	0.00E+00	1.77E-04	**1.67E-02**
558236.784160536	558237	4160536	WRKR_112	5.09E-02	5.59E-05	6.10E-02	1.08E-04	**1.12E-01**	2.27E-02	7.93E-05	2.09E-02	1.21E-04	**4.38E-02**	1.21E-02	7.67E-05	1.47E-04	1.34E-04	**1.25E-02**	1.40E-02	9.32E-05	0.00E+00	1.88E-04	**1.42E-02**
558115.174160402	558115	4160403	WRKR_113	1.60E-02	2.43E-05	1.98E-02	4.69E-05	**3.59E-02**	7.12E-03	3.45E-05	6.80E-03	5.25E-05	**1.40E-02**	3.81E-03	3.34E-05	4.76E-05	5.81E-05	**3.95E-03**	4.39E-03	4.06E-05	0.00E+00	8.18E-05	**4.51E-03**
558115.174160412	558115	4160413	WRKR_114	1.71E-02	2.46E-05	2.11E-02	4.74E-05	**3.82E-02**	7.60E-03	3.49E-05	7.25E-03	5.30E-05	**1.49E-02**	4.06E-03	3.38E-05	5.07E-05	5.87E-05	**4.21E-03**	4.69E-03	4.10E-05	0.00E+00	8.27E-05	**4.81E-03**
558115.174160422	558115	4160423	WRKR_115	1.83E-02	2.49E-05	2.25E-02	4.78E-05	**4.08E-02**	8.13E-03	3.52E-05	7.72E-03	5.34E-05	**1.59E-02**	4.34E-03	3.41E-05	5.40E-05	5.92E-05	**4.49E-03**	5.01E-03	4.14E-05	0.00E+00	8.34E-05	**5.13E-03**
558115.174160432	558115	4160433	WRKR_116	1.95E-02	2.51E-05	2.41E-02	4.83E-05	**4.37E-02**	8.70E-03	3.56E-05	8.26E-03	5.40E-05	**1.71E-02**	4.65E-03	3.45E-05	5.78E-05	5.98E-05	**4.80E-03**	5.36E-03	4.19E-05	0.00E+00	8.42E-05	**5.49E-03**
558115.174160442	558115	4160443	WRKR_117	2.10E-02	2.54E-05	2.58E-02	4.87E-05	**4.68E-02**	9.33E-03	3.60E-05	8.85E-03	5.45E-05	**1.83E-02**	4.98E-03	3.48E-05	6.19E-05	6.04E-05	**5.14E-03**	5.75E-03	4.23E-05	0.00E+00	8.50E-05	**5.87E-03**
558125.174160392	558125	4160393	WRKR_118	1.52E-02	2.51E-05	1.87E-02	4.84E-05	**3.39E-02**	6.74E-03	3.56E-05	6.42E-03	5.41E-05	**1.33E-02**	3.60E-03	3.44E-05	4.49E-05	5.99E-05	**3.74E-03**	4.16E-03	4.18E-05	0.00E+00	8.44E-05	**4.28E-03**
558125.174160402	558125	4160403	WRKR_119	1.62E-02	2.54E-05	1.99E-02	4.89E-05	**3.62E-02**	7.20E-03	3.60E-05	6.85E-03	5.47E-05	**1.41E-02**	3.85E-03	3.48E-05	4.79E-05	6.06E-05	**3.99E-03**	4.44E-03	4.23E-05	0.00E+00	8.53E-05	**4.56E-03**
558125.174160412	558125	4160413	WRKR_120	1.73E-02	2.56E-05	2.12E-02	4.94E-05	**3.86E-02**	7.70E-03	3.64E-05	7.30E-03	5.52E-05	**1.51E-02**	4.11E-03	3.52E-05	5.10E-05	6.11E-05	**4.26E-03**	4.74E-03	4.27E-05	0.00E+00	8.61E-05	**4.87E-03**
558125.174160422	558125	4160423	WRKR_121	1.85E-02	2.59E-05	2.27E-02	4.99E-05	**4.13E-02**	8.24E-03	3.68E-05	7.80E-03	5.57E-05	**1.61E-02**	4.40E-03	3.56E-05	5.46E-05	6.18E-05	**4.56E-03**	5.08E-03	4.32E-05	0.00E+00	8.69E-05	**5.21E-03**
558125.174160432	558125	4160433	WRKR_122	1.99E-02	2.62E-05	2.43E-02	5.03E-05	**4.43E-02**	8.84E-03	3.72E-05	8.36E-03	5.63E-05	**1.73E-02**	4.72E-03	3.60E-05	5.85E-05	6.24E-05	**4.88E-03**	5.45E-03	4.37E-05	0.00E+00	8.78E-05	**5.58E-03**
558125.174160442	558125	4160443	WRKR_123	2.13E-02	2.65E-05	2.61E-02	5.09E-05	**4.76E-02**	9.50E-03	3.76E-05	8.98E-03	5.69E-05	**1.86E-02**	5.08E-03	3.64E-05	6.28E-05	6.30E-05	**5.24E-03**	5.85E-03	4.42E-05	0.00E+00	8.87E-05	**5.99E-03**
558135.174160372	558135	4160373	WRKR_124	1.34E-02	2.55E-05	1.65E-02	4.92E-05	**2.99E-02**	5.97E-03	3.61E-05	5.66E-03	5.50E-05	**1.17E-02**	3.19E-03	3.50E-05	3.96E-05	6.10E-05	**3.32E-03**	3.68E-03	4.25E-05	0.00E+00	8.58E-05	**3.80E-03**
558135.174160382	558135	4160383	WRKR_125	1.43E-02	2.58E-05	1.76E-02	4.98E-05	**3.19E-02**	6.35E-03	3.66E-05	6.04E-03	5.57E-05	**1.25E-02**	3.40E-03	3.54E-05	4.22E-05	6.17E-05	**3.53E-03**	3.91E-03	4.30E-05	0.00E+00	8.69E-05	**4.04E-03**
558135.174160392	558135	4160393	WRKR_126	1.52E-02	2.61E-05	1.87E-02	5.04E-05	**3.40E-02**	6.78E-03	3.71E-05	6.43E-03	5.64E-05	**1.33E-02**	3.62E-03	3.59E-05	4.50E-05	6.25E-05	**3.77E-03**	4.18E-03	4.36E-05	0.00E+00	8.80E-05	**4.31E-03**
558135.174160402	558135	4160403	WRKR_127	1.63E-02	2.64E-05	2.00E-02	5.09E-05	**3.63E-02**	7.25E-03	3.75E-05	6.86E-03	5.69E-05	**1.42E-02**	3.87E-03	3.63E-05	4.80E-05	6.31E-05	**4.02E-03**	4.47E-03	4.41E-05	0.00E+00	8.88E-05	**4.60E-03**
558135.174160412	558135	4160413	WRKR_128	1.74E-02	2.68E-05	2.13E-02	5.15E-05	**3.89E-02**	7.76E-03	3.79E-05	7.33E-03	5.76E-05	**1.52E-02**	4.15E-03	3.67E-05	5.13E-05	6.38E-05	**4.30E-03**	4.78E-03	4.46E-05	0.00E+00	8.98E-05	**4.92E-03**
558135.174160422	558135	4160423	WRKR_129	1.87E-02	2.71E-05	2.29E-02	5.21E-05	**4.17E-02**	8.33E-03	3.84E-05	7.86E-03	5.82E-05	**1.63E-02**	4.45E-03	3.71E-05	5.50E-05	6.45E-05	**4.61E-03**	5.13E-03	4.51E-05	0.00E+00	9.08E-05	**5.27E-03**
558135.174160432	558135	4160433	WRKR_130	2.01E-02	2.74E-05	2.46E-02	5.26E-05	**4.47E-02**	8.95E-03	3.88E-05	8.44E-03	5.88E-05	**1.75E-02**	4.78E-03	3.76E-05	5.90E-05	6.52E-05	**4.94E-03**	5.51E-03	4.56E-05	0.00E+00	9.17E-05	**5.65E-03**
558135.174160442	558135	4160443	WRKR_131	2.16E-02	2.77E-05	2.64E-02	5.32E-05	**4.82E-02**	9.63E-03	3.93E-05	9.08E-03	5.95E-05	**1.88E-02**	5.15E-03	3.80E-05	6.36E-05	6.59E-05	**5.31E-03**	5.93E-03	4.62E-05	0.00E+00	9.28E-05	**6.07E-03**
558145.174160372	558145	4160373	WRKR_132	1.34E-02	2.66E-05	1.64E-02	5.13E-05	**2.99E-02**	5.96E-03	3.76E-05	5.64E-03	5.73E-05	**1.17E-02**	3.19E-03	3.64E-05	3.95E-05	6.35E-05	**3.32E-03**	3.67E-03	4.42E-05	0.00E+00	8.95E-05	**3.81E-03**
558145.174160382	558145	4160383	WRKR_133	1.43E-02	2.69E-05	1.75E-02	5.20E-05	**3.19E-02**	6.36E-03	3.82E-05	6.02E-03	5.81E-05	**1.25E-02**	3.40E-03	3.69E-05	4.21E-05	6.44E-05	**3.54E-03**	3.92E-03	4.48E-05	0.00E+00	9.06E-05	**4.05E-03**
558145.174160392	558145	4160393	WRKR_134	1.53E-02	2.72E-05	1.87E-02	5.26E-05	**3.40E-02**	6.79E-03	3.86E-05	6.42E-03	5.87E-05	**1.33E-02**	3.63E-03	3.74E-05	4.49E-05	6.51E-05	**3.78E-03**	4.19E-03	4.54E-05	0.00E+00	9.17E-05	**4.32E-03**
558145.174160402	558145	4160403	WRKR_135	1.63E-02	2.76E-05	2.00E-02	5.32E-05	**3.64E-02**	7.27E-03	3.91E-05	6.86E-03	5.94E-05	**1.42E-02**	3.89E-03	3.79E-05	4.80E-05	6.59E-05	**4.04E-03**	4.48E-03	4.60E-05	0.00E+00	9.27E-05	**4.62E-03**
558145.174160412	558145	4160413	WRKR_136	1.75E-02	2.79E-05	2.14E-02	5.38E-05	**3.90E-02**	7.80E-03	3.96E-05	7.35E-03	6.01E-05	**1.52E-02**	4.17E-03	3.84E-05	5.14E-05	6.67E-05	**4.32E-03**	4.80E-03	4.66E-05	0.00E+00	9.39E-05	**4.94E-03**
558145.174160422	558145	4160423	WRKR_137	1.88E-02	2.83E-05	2.30E-02	5.44E-05	**4.19E-02**	8.38E-03	4.01E-05	7.89E-03	6.08E-05	**1.64E-02**	4.48E-03	3.88E-05	5.52E-05	6.74E-05	**4.64E-03**	5.16E-03	4.71E-05	0.00E+00	9.49E-05	**5.30E-03**
558145.174160432	558145	4160433	WRKR_138	2.03E-02

Annual PM2.5

				AG	AH	AL	AJ	E	G	F	H	AG	AH	AL	AJ	E	G	F	H	AG	AH	AL	AJ	E	G	F	H
				Year 1 Project Concentrations ($\mu g/m^3$)								Year 2 Project Concentrations ($\mu g/m^3$)								Year 3 Project Concentrations ($\mu g/m^3$)							
XY	X	Y	Type	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL				OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL				OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL			
558155.174160382	558155	4160383	WRKR_141	1.42E-02	2.81E-05	1.74E-02	5.42E-05	**3.17E-02**				6.34E-03	3.98E-05	5.99E-03	6.06E-05	**1.24E-02**				3.39E-03	3.85E-05	4.19E-05	6.72E-05	**3.53E-03**			
558155.174160392	558155	4160393	WRKR_142	1.52E-02	2.84E-05	1.86E-02	5.49E-05	**3.39E-02**				6.78E-03	4.03E-05	6.39E-03	6.13E-05	**1.33E-02**				3.62E-03	3.90E-05	4.47E-05	6.80E-05	**3.77E-03**			
558155.174160402	558155	4160403	WRKR_143	1.63E-02	2.88E-05	1.99E-02	5.56E-05	**3.63E-02**				7.26E-03	4.09E-05	6.84E-03	6.21E-05	**1.42E-02**				3.88E-03	3.96E-05	4.79E-05	6.88E-05	**4.04E-03**			
558155.174160412	558155	4160413	WRKR_144	1.75E-02	2.92E-05	2.14E-02	5.63E-05	**3.90E-02**				7.80E-03	4.14E-05	7.34E-03	6.29E-05	**1.52E-02**				4.17E-03	4.01E-05	5.13E-05	6.97E-05	**4.33E-03**			
558155.174160422	558155	4160423	WRKR_145	1.88E-02	2.96E-05	2.29E-02	5.70E-05	**4.19E-02**				8.39E-03	4.20E-05	7.88E-03	6.37E-05	**1.64E-02**				4.48E-03	4.06E-05	5.52E-05	7.06E-05	**4.65E-03**			
558155.174160432	558155	4160433	WRKR_146	2.03E-02	3.00E-05	2.47E-02	5.76E-05	**4.51E-02**				9.04E-03	4.25E-05	8.49E-03	6.44E-05	**1.76E-02**				4.83E-03	4.11E-05	5.94E-05	7.14E-05	**5.00E-03**			
558155.174160442	558155	4160443	WRKR_147	2.20E-02	3.04E-05	2.67E-02	5.84E-05	**4.88E-02**				9.77E-03	4.31E-05	9.18E-03	6.53E-05	**1.91E-02**				5.22E-03	4.17E-05	6.42E-05	7.24E-05	**5.40E-03**			
558165.174160362	558165	4160363	WRKR_148	1.24E-02	2.84E-05	1.51E-02	5.49E-05	**2.76E-02**				5.53E-03	4.03E-05	5.19E-03	6.14E-05	**1.08E-02**				2.95E-03	3.90E-05	3.63E-05	6.80E-05	**3.10E-03**			
558165.174160372	558165	4160373	WRKR_149	1.32E-02	2.88E-05	1.62E-02	5.58E-05	**2.95E-02**				5.89E-03	4.09E-05	5.55E-03	6.24E-05	**1.15E-02**				3.15E-03	3.96E-05	3.88E-05	6.91E-05	**3.30E-03**			
558165.174160382	558165	4160383	WRKR_150	1.41E-02	2.93E-05	1.73E-02	5.66E-05	**3.15E-02**				6.30E-03	4.15E-05	5.93E-03	6.33E-05	**1.23E-02**				3.36E-03	4.02E-05	4.15E-05	7.01E-05	**3.52E-03**			
558165.174160392	558165	4160393	WRKR_151	1.51E-02	2.97E-05	1.85E-02	5.74E-05	**3.37E-02**				6.74E-03	4.21E-05	6.34E-03	6.41E-05	**1.32E-02**				3.60E-03	4.08E-05	4.44E-05	7.11E-05	**3.76E-03**			
558165.174160402	558165	4160403	WRKR_152	1.62E-02	3.01E-05	1.98E-02	5.81E-05	**3.61E-02**				7.23E-03	4.27E-05	6.79E-03	6.50E-05	**1.41E-02**				3.86E-03	4.14E-05	4.75E-05	7.20E-05	**4.02E-03**			
558165.174160412	558165	4160413	WRKR_153	1.75E-02	3.06E-05	2.12E-02	5.89E-05	**3.88E-02**				7.77E-03	4.33E-05	7.29E-03	6.58E-05	**1.52E-02**				4.15E-03	4.19E-05	5.10E-05	7.30E-05	**4.32E-03**			
558165.174160422	558165	4160423	WRKR_154	1.88E-02	3.10E-05	2.28E-02	5.97E-05	**4.17E-02**				8.37E-03	4.39E-05	7.85E-03	6.67E-05	**1.63E-02**				4.47E-03	4.25E-05	5.49E-05	7.39E-05	**4.64E-03**			
558165.174160432	558165	4160433	WRKR_155	2.03E-02	3.14E-05	2.47E-02	6.05E-05	**4.50E-02**				9.03E-03	4.46E-05	8.47E-03	6.76E-05	**1.76E-02**				4.83E-03	4.31E-05	5.93E-05	7.50E-05	**5.00E-03**			
558175.174160362	558175	4160363	WRKR_156	1.23E-02	2.96E-05	1.49E-02	5.73E-05	**2.73E-02**				5.47E-03	4.20E-05	5.12E-03	6.40E-05	**1.07E-02**				2.92E-03	4.06E-05	3.58E-05	7.10E-05	**3.07E-03**			
558175.174160372	558175	4160373	WRKR_157	1.31E-02	3.01E-05	1.59E-02	5.82E-05	**2.91E-02**				5.83E-03	4.27E-05	5.47E-03	6.51E-05	**1.14E-02**				3.12E-03	4.13E-05	3.83E-05	7.21E-05	**3.27E-03**			
558175.174160382	558175	4160383	WRKR_158	1.40E-02	3.06E-05	1.70E-02	5.91E-05	**3.11E-02**				6.23E-03	4.33E-05	5.85E-03	6.61E-05	**1.22E-02**				3.33E-03	4.20E-05	4.09E-05	7.32E-05	**3.49E-03**			
558175.174160392	558175	4160393	WRKR_159	1.50E-02	3.11E-05	1.82E-02	6.00E-05	**3.33E-02**				6.68E-03	4.40E-05	6.27E-03	6.71E-05	**1.31E-02**				3.57E-03	4.26E-05	4.38E-05	7.43E-05	**3.73E-03**			
558175.174160402	558175	4160403	WRKR_160	1.61E-02	3.15E-05	1.95E-02	6.08E-05	**3.57E-02**				7.17E-03	4.47E-05	6.71E-03	6.80E-05	**1.40E-02**				3.83E-03	4.33E-05	4.70E-05	7.54E-05	**4.00E-03**			
558175.174160412	558175	4160413	WRKR_161	1.73E-02	3.20E-05	2.10E-02	6.17E-05	**3.84E-02**				7.71E-03	4.54E-05	7.22E-03	6.90E-05	**1.50E-02**				4.12E-03	4.39E-05	5.05E-05	7.65E-05	**4.29E-03**			
558175.174160422	558175	4160423	WRKR_162	1.87E-02	3.25E-05	2.26E-02	6.26E-05	**4.14E-02**				8.31E-03	4.61E-05	7.78E-03	7.00E-05	**1.62E-02**				4.44E-03	4.46E-05	5.44E-05	7.76E-05	**4.62E-03**			
558185.174160362	558185	4160363	WRKR_163	1.21E-02	3.09E-05	1.46E-02	5.98E-05	**2.68E-02**				5.39E-03	4.38E-05	5.02E-03	6.68E-05	**1.05E-02**				2.88E-03	4.24E-05	3.52E-05	7.41E-05	**3.03E-03**			
558185.174160372	558185	4160373	WRKR_164	1.29E-02	3.14E-05	1.56E-02	6.08E-05	**2.87E-02**				5.75E-03	4.45E-05	5.37E-03	6.80E-05	**1.12E-02**				3.07E-03	4.31E-05	3.76E-05	7.53E-05	**3.23E-03**			
558185.174160382	558185	4160383	WRKR_165	1.38E-02	3.19E-05	1.67E-02	6.18E-05	**3.06E-02**				6.15E-03	4.53E-05	5.75E-03	6.91E-05	**1.20E-02**				3.29E-03	4.38E-05	4.02E-05	7.65E-05	**3.45E-03**			
558185.174160392	558185	4160393	WRKR_166	1.48E-02	3.25E-05	1.79E-02	6.28E-05	**3.28E-02**				6.59E-03	4.60E-05	6.16E-03	7.02E-05	**1.29E-02**				3.52E-03	4.46E-05	4.31E-05	7.78E-05	**3.69E-03**			
558185.174160402	558185	4160403	WRKR_167	1.59E-02	3.30E-05	1.93E-02	6.38E-05	**3.53E-02**				7.08E-03	4.68E-05	6.62E-03	7.13E-05	**1.38E-02**				3.78E-03	4.53E-05	4.63E-05	7.90E-05	**3.95E-03**			
558185.174160412	558185	4160413	WRKR_168	1.71E-02	3.35E-05	2.07E-02	6.48E-05	**3.79E-02**				7.61E-03	4.76E-05	7.12E-03	7.24E-05	**1.49E-02**				4.07E-03	4.60E-05	4.98E-05	8.02E-05	**4.24E-03**			
558185.174160422	558185	4160423	WRKR_169	1.85E-02	3.41E-05	2.23E-02	6.58E-05	**4.09E-02**				8.21E-03	4.83E-05	7.68E-03	7.35E-05	**1.60E-02**				4.39E-03	4.68E-05	5.37E-05	8.15E-05	**4.57E-03**			
558185.174160432	558185	4160433	WRKR_170	1.99E-02	3.46E-05	2.42E-02	6.68E-05	**4.42E-02**				8.88E-03	4.91E-05	8.30E-03	7.46E-05	**1.73E-02**				4.74E-03	4.75E-05	5.81E-05	8.27E-05	**4.93E-03**			
558185.174160442	558185	4160443	WRKR_171	2.16E-02	3.51E-05	2.62E-02	6.77E-05	**4.79E-02**				9.62E-03	4.98E-05	9.00E-03	7.57E-05	**1.87E-02**				5.14E-03	4.82E-05	6.30E-05	8.39E-05	**5.33E-03**			
558195.174160362	558195	4160363	WRKR_172	1.19E-02	3.22E-05	1.43E-02	6.24E-05	**2.63E-02**				5.30E-03	4.57E-05	4.92E-03	6.98E-05	**1.03E-02**				2.83E-03	4.42E-05	3.44E-05	7.73E-05	**2.99E-03**			
558195.174160372	558195	4160373	WRKR_173	1.27E-02	3.28E-05	1.53E-02	6.35E-05	**2.81E-02**				5.66E-03	4.65E-05	5.26E-03	7.10E-05	**1.10E-02**				3.02E-03	4.50E-05	3.68E-05	7.87E-05	**3.18E-03**			
558195.174160382	558195	4160383	WRKR_174	1.36E-02	3.34E-05	1.64E-02	6.46E-05	**3.01E-02**				6.05E-03	4.73E-05	5.63E-03	7.22E-05	**1.18E-02**				3.23E-03	4.58E-05	3.94E-05	8.00E-05	**3.40E-03**			
558195.174160392	558195	4160393	WRKR_175	1.46E-02	3.40E-05	1.76E-02	6.57E-05	**3.22E-02**				6.48E-03	4.82E-05	6.04E-03	7.35E-05	**1.26E-02**				3.46E-03	4.66E-05	4.22E-05	8.14E-05	**3.63E-03**			
558195.174160402	558195	4160403	WRKR_176	1.57E-02	3.46E-05	1.89E-02	6.68E-05	**3.46E-02**				6.97E-03	4.90E-05	6.48E-03	7.47E-05	**1.36E-02**				3.72E-03	4.75E-05	4.54E-05	8.28E-05	**3.90E-03**			
558195.174160412	558195	4160413	WRKR_177	1.68E-02	3.52E-05	2.03E-02	6.79E-05	**3.73E-02**				7.50E-03	4.99E-05	6.98E-03	7.59E-05	**1.46E-02**				4.01E-03	4.83E-05	4.89E-05	8.42E-05	**4.19E-03**			
558195.174160422	558195	4160423	WRKR_178	1.82E-02	3.58E-05	2.19E-02	6.91E-05	**4.02E-02**				8.09E-03	5.07E-05	7.54E-03	7.72E-05	**1.58E-02**				4.32E-03	4.91E-05	5.27E-05	8.56E-05	**4.51E-03**			
558195.174160432	558195	4160433	WRKR_179	1.97E-02	3.64E-05	2.37E-02	7.02E-05	**4.35E-02**				8.75E-03	5.16E-05	8.15E-03	7.85E-05	**1.70E-02**				4.67E-03	4.99E-05	5.70E-05	8.70E-05	**4.87E-03**			
558195.174160442	558195	4160443	WRKR_180	2.13E-02	3.69E-05	2.58E-02	7.13E-05	**4.71E-02**				9.47E-03	5.24E-05	8.85E-03	7.97E-05	**1.85E-02**				5.06E-03	5.07E-05	6.19E-05	8.83E-05	**5.26E-03**			
558195.174160452	558195	4160453	WRKR_181	2.30E-02	3.74E-05	2.80E-02	7.23E-05	**5.12E-02**				1.03E-02	5.31E-05	9.63E-03	8.08E-05	**2.00E-02**				5.48E-03	5.14E-05	6.74E-05	8.96E-05	**5.69E-03**			
558205.174160362	558205	4160363	WRKR_182	1.17E-02	3.36E-05	1.40E-02	6.51E-05	**2.58E-02**				5.20E-03	4.76E-05	4.80E-03	7.28E-05	**1.01E-02**				2.78E-03	4.61E-05	3.36E-05	8.07E-05	**2.94E-03**			
558205.174160372	558205	4160373	WRKR_183	1.25E-02	3.42E-05	1.50E-02	6.64E-05	**2.75E-02**				5.55E-03	4.85E-05	5.14E-03	7.42E-05	**1.08E-02**				2.96E-03	4.70E-05	3.60E-05	8.22E-05	**3.13E-03**			
558205.174160382	558205	4160383	WRKR_184	1.33E-02	3.49E-05	1.60E-02	6.76E-05	**2.94E-02**				5.93E-03	4.95E-05	5.50E-03	7.55E-05	**1.16E-02**				3.17E-03	4.79E-05	3.85E-05	8.37E-05	**3.34E-03**			
558205.174160392	558205	4160393	WRKR_185	1.43E-02	3.56E-05	1.72E-02	6.88E-05	**3.16E-02**				6.36E-03	5.04E-05	5.90E-03	7.69E-05	**1.24E-02**				3.40E-03	4.88E-05	4.13E-05	8.53E-05	**3.57E-03**			
558205.174160402	558205	4160403	WRKR_186	1.54E-02	3.62E-05	1.84E-02	7.01E-05	**3.39E-02**				6.84E-03	5.14E-05	6.34E-03	7.83E-05	**1.33E-02**				3.65E-03	4.97E-05	4.43E-05	8.68E-05	**3.83E-03**			
558205.174160412	558205	4160413	WRKR_187	1.65E-02	3.69E-05	1.99E-02	7.13E-05	**3.65E-02**				7.36E-03	5.23E-05	6.83E-03	7.97E-05	**1.43E-02**				3.93E-03	5.07E-05	4.78E-05	8.84E-05	**4.12E-03**			
558205.174160422	558205	4160423	WRKR_188	1.78E-02	3.76E-05	2.14E-02	7.26E-05	**3.94E-02**				7.94E-03	5.33E-05	7.37E-03	8.12E-05	**1.54E-02**				4.24E-03	5.16E-05	5.15E-05	9.00E-05	**4.44E-03**			
558205.174160432	558205	4160433	WRKR_189	1.93E-02	3.82E-05	2.32E-02	7.39E-05	**4.26E-02**				8.58E-03	5.42E-05	7.98E-03	8.26E-05	**1.67E-02**				4.59E-03	5.25E-05	5.58E-05	9.15E-05	**4.79E-03**			
558205.174160442	558205	4160443	WRKR_190	2.09E-02	3.89E-05	2.52E-02	7.52E-05	**4.62E-02**				9.31E-03	5.52E-05	8.66E-03	8.40E-05	**1.81E-02**				4.97E-03	5.34E-05	6.06E-05	9.32E-05	**5.18E-03**			
558205.174160452	558205	4160453	WRKR_191	2.27E-02	3.95E-05	2.74E-02	7.64E-05	**5.02E-02**				1.01E-02	5.60E-05	9.43E-03	8.54E-05	**1.97E-02**				5.39E-03	5.42E-05	6.60E-05	9.46E-05	**5.60E-03**			
558205.174160462	558205	4160463	WRKR_192	2.47E-02	4.02E-05	3.00E-02	7.76E-05	**5.47E-02**				1.10E-02	5.69E-05	1.03E-02	8.68E-05	**2.14E-02**				5.87E-03	5.51E-05	7.20E-05	9.62E-05	**6.09E-03**			
558215.174160362	558215	4160363	WRKR_193	1.14E-02	3.51E-05	1.36E-02	6.80E-05	**2.52E-02**				5.09E-03	4.97E-05	4.68E-03	7.60E-05	**9.90E-03**				2.72E-03	4.81E-05	3.28E-05	8.42E-05	**2.88E-03**			
558215.174160372	558215	4160373	WRKR_194	1.22E-02	3.58E-05	1.46E-02	6.93E-05	**2.69E-02**				5.43E-03	5.07E-05	5.01E-03	7.75E-05	**1.06E-02**				2.90E-03	4.91E-05	3.50E-05	8.59E-05	**3.07E-03**			
558215.174160382	558215	4160383	WRKR_195	1.31E-02	3.65E-05	1.56E-02	7.07E-05	**2.88E-02**				5.81E-03	5.18E-05	5.36E-03	7.90E-05	**1.13E-02**				3.10E-03	5.01E-05	3.75E-05	8.76E-05	**3.28E-03**			
558215.174160392	558215	4160393	WRKR_196	1.40E-02	3.72E-05	1.67E-02	7.21E-05	**3.08E-02**				6.23E-03	5.28E-05	5.75E-03	8.06E-05	**1.21E-02**				3.33E-03	5.11E-05	4.02E-05	8.93E-05	**3.51E-03**			
558215.174160402	558215	4160403	WRKR_197	1.50E-02	3.80E-05	1.80E-02	7.35E-05	**3.31E-02**				6.69E-03	5.39E-05	6.18E-03	8.22E-05	**1.30E-02**				3.57E-03	5.21E-05	4.32E-05	9.11E-05	**3.76E-03**			
558215.174160412	558215	4160413	WRKR_198	1.62E-02	3.87E-05	1.94E-02	7.50E-05	**3.57E-02**				7.20E-03	5.49E-05	6.65E-03	8.38E-05	**1.40E-02**				3.85E-03	5.32E-05	4.66E-05	9.29E-05	**4.04E-03**			
558215.174160422	558215	4160423	WRKR_199	1.74E-02	3.95E-05	2.09E-02	7.64E-05	**3.85E-02**				7.76E-03	5.60E-05	7.19E-03	8.54E-05	**1.51E-02**				4.15E-03	5.42E-05	5.03E-05	9.46E-05	**4.35E-03**			
558215.174160432	558215	4160433	WRKR_200	1.89E-02	4.02E-05	2.27E-02	7.78E-05	**4.16E-02**				8.39E-03	5.71E-05	7.78E-03	8.70E-05	**1.63E-02**				4.48E-03	5.52E-05	5.44E-05	9.64E-05	**4.69E-03**			
558215.174160442	558215	4160443	WRKR_201	2.05E-02	4.10E-05	2.46E-02	7.93E-05	**4.52E-02**				9.11E-03	5.82E-05	8.44E-03	8.87E-05	**1.77E-02**				4.87E-03	5.63E-05	5.91E-05	9.83E-05	**5.08E-03**			
558215.174160452	558215	4160453	WRKR_202	2.23E-02	4.18E-05	2.67E-02	8.08E-05	**4.91E-02**				9.91E-03	5.93E-05	9.19E-03	9.04E-05	**1.92E-02**				5.30E-03	5.74E-05	6.43E-05	1.00E-04	**5.52E-03**			
558215.174160462	558215	4160463	WRKR_203	2.42E-02	4.25E-05	2.92E-02	8.22E-05	**5.35E-02**				1.08E-02	6.02E-05	1.00E-02	9.19E-05	**2.10E-02**				5.75E-03	5.83E-05	7.02E-05	1.02E-04	**5.98E-03**			
558215.174160472	558215	4160473	WRKR_204	2.64E-02	4.32E-05	3.20E-02	8.36E-05	**5.86E-02**				1.18E-02	6.13E-05	1.10E-02	9.35E-05	**2.29E-02**				6.29E-03	5.93E-05	7.69E-05	1.04E-04	**6.53E-03**			
558225.174160362	558225	4160363	WRKR_205	1.12E-02	3.66E-05	1.33E-02	7.10E-05	**2.46E-02**				4.97E-03	5.19E-05	4.56E-03	7.93E-05	**9.67E-03**				2.66E-03	5.02E-05	3.19E-05	8.79E-05	**2.83E-03**			
558225.174160372	558225	4160373	WRKR_206	1.19E-02	3.74E-05	1.42E-02	7.25E-05	**2.62E-02**				5.31E-03	5.30E-05	4.88E-03	8.10E-05	**1.03E-02**				2.84E-03	5.13E-05	3.41E-05	8.98E-05	**3.01E-03**			
558225.174160382	558225	4160383	WRKR_207	1.28E-02	3.82E-05	1.52E-02	7.40E-05	**2.80E-02**				5.68E-03	5.42E-05	5.21E-03	8.27E-05	**1.10E-02**				3.03E-03	5.24E-05	3.65E-05	9.17E-05	**3.21E-03**			
558225.174160392	558225	4160393	WRKR_208	1.37E-02	3.90E-05	1.63E-02	7.56E-05	**3.01E-02**				6.08E-03	5.53E-05	5.59E-03	8.45E-05	**1.18E-02**				3.25E-03	5.35E-05	3.91E-05	9.36E-05	**3.44E-03**			
558225.174160402	558225	4160403	WRKR_209	1.47E-02	3.98E-05	1.75E-02	7.71E-05	**3.23E-02**				6.53E-03	5.65E-05	6.01E-03	8.62E-05	**1.27E-02**				3.49E-03	5.47E-05	4.21E-05	9.56E-05	**3.68E-03**			
558225.174160412	558225	4160413	WRKR_210	1.58E-02	4.07E-05	1.89E-02	7.87E-05	**3.48E-02**				7.02E-03	5.76E-05	6.48E-03	8.80E-05	**1.36E-02**				3.75E-03	5.58E-05	4.53E-05	9.75E-05	**3.95E-03**			
558225.174160422	558225	4160423	WRKR_211	1.70E-02	4.15E-05	2.04E-02	8.04E-05	**3.75E-02**				7.57E-03	5.88E-05	7.00E-03	8.98E-05	**1.47E-02**				4.05E-03	5.70E-05	4.89E-05	9.96E-05	**4.25E-03**			
558225.174160432	558225	4160433	WRKR_212	1.84E-02	4.24E-05	2.20E-02	8.20E-05	**4.06E-02**				8.19E-03	6.01E-05	7.57E-03	9.17E-05	**1.59E-02**				4.37E-03	5.82E-05	5.30E-05	1.02E-04	**4.59E-03**			
558225.174160442	558225	4160443	WRKR_213	2.00E-02	4.33E-05	2.39E-02	8.38E-05	**4.40E-02**				8.88E-03	6.13E-05	8.21E-03	9.36E-05	**1.72E-02**				4.75E-03	5.94E-05	5.75E-05	1.04E-04	**4.97E-03**			
558225.174160452	558225	4160453	WRKR_214	2.17E-02	4.41E-05	2.60E-02	8.55E-05	**4.78E-02**				9.66E-03	6.26E-05	8.94E-03	9.55E-05	**1.88E-02**				5.16E-03	6.06E-05	6.25E-05	1.06E-04	**5.39E-03**			
558225.174160462	558225	4160463	WRKR_215	2.37E-02	4.50E-05	2.84E-02	8.72E-05	**5.22E-02**				1.05E-02	6.39E-05	9.76E-03	9.75E-05	**2.05E-02**				5.63E-03	6.18E-05	6.83E-05	1.08E-04	**5.87E-03**			
558225.174160472	558225	4160473	WRKR_216	2.59E-02	4.59E-05	3.11E-02	8.88E-05	**5.71E-02**				1.15E-02	6.50E-05	1.07E-02	9.93E-05	**2.24E-02**				6.15E-03	6.29E-05	7.48E-05	1.10E-04	**6.40E-03**			
558225.174160482	558225	4160483	WRKR_217	2.84E-02	4.67E-05	3.42E-02	9.05E-05	**6.27E-02**				1.26E-02	6.62E-05	1.18E-02	1.01E-04	**2.46E-02**				6.74E-03	6.41E-05	8.23E-05	1.12E-04	**7.00E-03**			

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				AG	AH	AL	AJ	E	G	F	H	AG	AH	AL	AJ	E	G	F	H	AG	AH	AL	AJ	E	G	F	H
				Year 1 Project Concentrations ($\mu g/m^3$)								Year 2 Project Concentrations ($\mu g/m^3$)								Year 3 Project Concentrations ($\mu g/m^3$)							
XY	X	Y	Type	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL				OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL				OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL			
558235.174160362	558235	4160363	WRKR_218	1.09E-02	3.82E-05	1.29E-02	7.41E-05	**2.39E-02**				4.85E-03	5.42E-05	4.44E-03	8.28E-05	**9.43E-03**				2.59E-03	5.24E-05	3.11E-05	9.18E-05	**2.77E-03**			
558235.174160372	558235	4160373	WRKR_219	1.16E-02	3.91E-05	1.38E-02	7.57E-05	**2.55E-02**				5.17E-03	5.54E-05	4.74E-03	8.47E-05	**1.01E-02**				2.77E-03	5.36E-05	3.32E-05	9.38E-05	**2.95E-03**			
558235.174160382	558235	4160383	WRKR_220	1.24E-02	4.00E-05	1.48E-02	7.74E-05	**2.73E-02**				5.53E-03	5.67E-05	5.07E-03	8.65E-05	**1.07E-02**				2.96E-03	5.48E-05	3.55E-05	9.59E-05	**3.14E-03**			
558235.174160392	558235	4160393	WRKR_221	1.33E-02	4.09E-05	1.58E-02	7.92E-05	**2.93E-02**				5.93E-03	5.79E-05	5.44E-03	8.85E-05	**1.15E-02**				3.17E-03	5.61E-05	3.80E-05	9.81E-05	**3.36E-03**			
558235.174160402	558235	4160403	WRKR_222	1.43E-02	4.18E-05	1.70E-02	8.09E-05	**3.14E-02**				6.36E-03	5.92E-05	5.84E-03	9.05E-05	**1.24E-02**				3.40E-03	5.74E-05	4.09E-05	1.00E-04	**3.60E-03**			
558235.174160412	558235	4160413	WRKR_223	1.54E-02	4.27E-05	1.83E-02	8.27E-05	**3.38E-02**				6.84E-03	6.05E-05	6.30E-03	9.25E-05	**1.33E-02**				3.65E-03	5.86E-05	4.40E-05	1.03E-04	**3.86E-03**			
558235.174160422	558235	4160423	WRKR_224	1.66E-02	4.37E-05	1.98E-02	8.46E-05	**3.65E-02**				7.38E-03	6.19E-05	6.79E-03	9.46E-05	**1.43E-02**				3.94E-03	5.99E-05	4.75E-05	1.05E-04	**4.15E-03**			
558235.174160432	558235	4160433	WRKR_225	1.79E-02	4.46E-05	2.14E-02	8.65E-05	**3.94E-02**				7.97E-03	6.33E-05	7.35E-03	9.67E-05	**1.55E-02**				4.26E-03	6.13E-05	5.14E-05	1.07E-04	**4.48E-03**			
558235.174160442	558235	4160443	WRKR_226	1.94E-02	4.56E-05	2.32E-02	8.84E-05	**4.28E-02**				8.64E-03	6.47E-05	7.98E-03	9.89E-05	**1.68E-02**				4.62E-03	6.26E-05	5.58E-05	1.10E-04	**4.85E-03**			
558235.174160452	558235	4160453	WRKR_227	2.11E-02	4.66E-05	2.53E-02	9.04E-05	**4.65E-02**				9.40E-03	6.61E-05	8.68E-03	1.01E-04	**1.82E-02**				5.02E-03	6.40E-05	6.07E-05	1.12E-04	**5.26E-03**			
558235.174160462	558235	4160463	WRKR_228	2.30E-02	4.77E-05	2.76E-02	9.24E-05	**5.07E-02**				1.03E-02	6.76E-05	9.47E-03	1.03E-04	**1.99E-02**				5.48E-03	6.55E-05	6.62E-05	1.15E-04	**5.73E-03**			
558235.174160472	558235	4160473	WRKR_229	2.53E-02	4.88E-05	3.02E-02	9.45E-05	**5.56E-02**				1.12E-02	6.91E-05	1.04E-02	1.06E-04	**2.18E-02**				6.01E-03	6.69E-05	7.25E-05	1.17E-04	**6.26E-03**			
558235.174160482	558235	4160483	WRKR_230	2.77E-02	4.97E-05	3.32E-02	9.64E-05	**6.10E-02**				1.23E-02	7.05E-05	1.14E-02	1.08E-04	**2.39E-02**				6.58E-03	6.82E-05	7.98E-05	1.19E-04	**6.85E-03**			
558235.174160492	558235	4160493	WRKR_231	3.04E-02	5.07E-05	3.67E-02	9.82E-05	**6.73E-02**				1.35E-02	7.18E-05	1.26E-02	1.10E-04	**2.63E-02**				7.24E-03	6.95E-05	8.82E-05	1.22E-04	**7.52E-03**			
558245.174160362	558245	4160363	WRKR_232	1.06E-02	3.99E-05	1.26E-02	7.73E-05	**2.33E-02**				4.72E-03	5.65E-05	4.32E-03	8.64E-05	**9.18E-03**				2.52E-03	5.47E-05	3.02E-05	9.58E-05	**2.70E-03**			
558245.174160372	558245	4160373	WRKR_233	1.13E-02	4.08E-05	1.34E-02	7.91E-05	**2.48E-02**				5.04E-03	5.79E-05	4.61E-03	8.85E-05	**9.79E-03**				2.69E-03	5.60E-05	3.22E-05	9.80E-05	**2.88E-03**			
558245.174160382	558245	4160383	WRKR_234	1.21E-02	4.18E-05	1.43E-02	8.10E-05	**2.66E-02**				5.39E-03	5.93E-05	4.93E-03	9.06E-05	**1.05E-02**				2.88E-03	5.74E-05	3.45E-05	1.00E-04	**3.07E-03**			
558245.174160392	558245	4160393	WRKR_235	1.30E-02	4.28E-05	1.54E-02	8.30E-05	**2.84E-02**				5.77E-03	6.07E-05	5.28E-03	9.27E-05	**1.12E-02**				3.08E-03	5.88E-05	3.69E-05	1.03E-04	**3.28E-03**			
558245.174160402	558245	4160403	WRKR_236	1.39E-02	4.38E-05	1.65E-02	8.49E-05	**3.05E-02**				6.19E-03	6.22E-05	5.67E-03	9.50E-05	**1.20E-02**				3.31E-03	6.02E-05	3.97E-05	1.05E-04	**3.51E-03**			
558245.174160412	558245	4160413	WRKR_237	1.49E-02	4.49E-05	1.78E-02	8.70E-05	**3.28E-02**				6.65E-03	6.36E-05	6.11E-03	9.72E-05	**1.29E-02**				3.56E-03	6.16E-05	4.27E-05	1.08E-04	**3.77E-03**			
558245.174160422	558245	4160423	WRKR_238	1.61E-02	4.59E-05	1.92E-02	8.91E-05	**3.54E-02**				7.17E-03	6.51E-05	6.59E-03	9.96E-05	**1.39E-02**				3.83E-03	6.31E-05	4.61E-05	1.10E-04	**4.05E-03**			
558245.174160432	558245	4160433	WRKR_239	1.74E-02	4.70E-05	2.07E-02	9.12E-05	**3.83E-02**				7.75E-03	6.67E-05	7.13E-03	1.02E-04	**1.50E-02**				4.14E-03	6.45E-05	4.99E-05	1.13E-04	**4.37E-03**			
558245.174160442	558245	4160443	WRKR_240	1.89E-02	4.82E-05	2.25E-02	9.34E-05	**4.15E-02**				8.39E-03	6.83E-05	7.73E-03	1.04E-04	**1.63E-02**				4.49E-03	6.61E-05	5.41E-05	1.16E-04	**4.72E-03**			
558245.174160452	558245	4160453	WRKR_241	2.05E-02	4.93E-05	2.45E-02	9.57E-05	**4.51E-02**				9.13E-03	7.00E-05	8.41E-03	1.07E-04	**1.77E-02**				4.88E-03	6.77E-05	5.88E-05	1.19E-04	**5.12E-03**			
558245.174160462	558245	4160463	WRKR_242	2.24E-02	5.05E-05	2.67E-02	9.81E-05	**4.92E-02**				9.97E-03	7.17E-05	9.17E-03	1.10E-04	**1.93E-02**				5.33E-03	6.94E-05	6.42E-05	1.21E-04	**5.58E-03**			
558245.174160472	558245	4160473	WRKR_243	2.45E-02	5.17E-05	2.92E-02	1.00E-04	**5.39E-02**				1.09E-02	7.34E-05	1.00E-02	1.12E-04	**2.11E-02**				5.83E-03	7.10E-05	7.03E-05	1.24E-04	**6.10E-03**			
558245.174160482	558245	4160483	WRKR_244	2.69E-02	5.30E-05	3.22E-02	1.03E-04	**5.93E-02**				1.20E-02	7.51E-05	1.10E-02	1.15E-04	**2.32E-02**				6.41E-03	7.27E-05	7.73E-05	1.27E-04	**6.69E-03**			
558245.174160492	558245	4160493	WRKR_245	2.97E-02	5.41E-05	3.55E-02	1.05E-04	**6.54E-02**				1.32E-02	7.67E-05	1.22E-02	1.17E-04	**2.56E-02**				7.06E-03	7.43E-05	8.54E-05	1.30E-04	**7.35E-03**			
558245.174160502	558245	4160503	WRKR_246	3.28E-02	5.52E-05	3.94E-02	1.07E-04	**7.24E-02**				1.46E-02	7.83E-05	1.36E-02	1.20E-04	**2.83E-02**				7.80E-03	7.58E-05	9.48E-05	1.33E-04	**8.10E-03**			
558255.174160362	558255	4160363	WRKR_247	1.03E-02	4.16E-05	1.22E-02	8.07E-05	**2.26E-02**				4.59E-03	5.90E-05	4.19E-03	9.02E-05	**8.93E-03**				2.45E-03	5.71E-05	2.93E-05	9.99E-05	**2.64E-03**			
558255.174160372	558255	4160373	WRKR_248	1.10E-02	4.27E-05	1.30E-02	8.27E-05	**2.41E-02**				4.90E-03	6.05E-05	4.47E-03	9.24E-05	**9.52E-03**				2.62E-03	5.85E-05	3.13E-05	1.02E-04	**2.81E-03**			
558255.174160382	558255	4160383	WRKR_249	1.18E-02	4.37E-05	1.39E-02	8.48E-05	**2.58E-02**				5.23E-03	6.20E-05	4.78E-03	9.48E-05	**1.02E-02**				2.80E-03	6.00E-05	3.34E-05	1.05E-04	**2.99E-03**			
558255.174160392	558255	4160393	WRKR_250	1.26E-02	4.48E-05	1.49E-02	8.69E-05	**2.76E-02**				5.60E-03	6.36E-05	5.12E-03	9.71E-05	**1.09E-02**				2.99E-03	6.16E-05	3.58E-05	1.08E-04	**3.20E-03**			
558255.174160402	558255	4160403	WRKR_251	1.35E-02	4.60E-05	1.60E-02	8.91E-05	**2.96E-02**				6.01E-03	6.52E-05	5.50E-03	9.96E-05	**1.17E-02**				3.21E-03	6.31E-05	3.84E-05	1.10E-04	**3.42E-03**			
558255.174160412	558255	4160413	WRKR_252	1.45E-02	4.72E-05	1.72E-02	9.14E-05	**3.19E-02**				6.47E-03	6.69E-05	5.91E-03	1.02E-04	**1.25E-02**				3.46E-03	6.48E-05	4.13E-05	1.13E-04	**3.68E-03**			
558255.174160422	558255	4160423	WRKR_253	1.56E-02	4.83E-05	1.86E-02	9.38E-05	**3.43E-02**				6.96E-03	6.85E-05	6.38E-03	1.05E-04	**1.35E-02**				3.72E-03	6.64E-05	4.46E-05	1.16E-04	**3.95E-03**			
558255.174160432	558255	4160433	WRKR_254	1.69E-02	4.96E-05	2.01E-02	9.62E-05	**3.71E-02**				7.52E-03	7.03E-05	6.90E-03	1.08E-04	**1.46E-02**				4.02E-03	6.80E-05	4.82E-05	1.19E-04	**4.25E-03**			
558255.174160442	558255	4160443	WRKR_255	1.83E-02	5.09E-05	2.18E-02	9.88E-05	**4.02E-02**				8.15E-03	7.21E-05	7.48E-03	1.10E-04	**1.58E-02**				4.36E-03	6.98E-05	5.23E-05	1.22E-04	**4.60E-03**			
558255.174160452	558255	4160453	WRKR_256	1.99E-02	5.22E-05	2.37E-02	1.01E-04	**4.37E-02**				8.87E-03	7.40E-05	8.13E-03	1.13E-04	**1.72E-02**				4.74E-03	7.17E-05	5.69E-05	1.26E-04	**4.99E-03**			
558255.174160462	558255	4160463	WRKR_257	2.17E-02	5.35E-05	2.58E-02	1.04E-04	**4.77E-02**				9.67E-03	7.59E-05	8.87E-03	1.16E-04	**1.87E-02**				5.16E-03	7.35E-05	6.21E-05	1.29E-04	**5.43E-03**			
558255.174160472	558255	4160473	WRKR_258	2.38E-02	5.49E-05	2.83E-02	1.07E-04	**5.22E-02**				1.06E-02	7.79E-05	9.72E-03	1.19E-04	**2.05E-02**				5.65E-03	7.54E-05	6.80E-05	1.32E-04	**5.93E-03**			
558255.174160482	558255	4160483	WRKR_259	2.61E-02	5.64E-05	3.11E-02	1.10E-04	**5.74E-02**				1.16E-02	7.99E-05	1.07E-02	1.22E-04	**2.25E-02**				6.22E-03	7.74E-05	7.48E-05	1.36E-04	**6.51E-03**			
558255.174160492	558255	4160493	WRKR_260	2.89E-02	5.79E-05	3.44E-02	1.12E-04	**6.34E-02**				1.29E-02	8.20E-05	1.18E-02	1.26E-04	**2.49E-02**				6.88E-03	7.94E-05	8.26E-05	1.39E-04	**7.18E-03**			
558255.174160502	558255	4160503	WRKR_261	3.20E-02	5.92E-05	3.82E-02	1.15E-04	**7.03E-02**				1.42E-02	8.39E-05	1.31E-02	1.29E-04	**2.76E-02**				7.60E-03	8.13E-05	9.18E-05	1.42E-04	**7.92E-03**			
558255.174160512	558255	4160513	WRKR_262	3.55E-02	6.05E-05	4.27E-02	1.18E-04	**7.84E-02**				1.58E-02	8.58E-05	1.47E-02	1.31E-04	**3.07E-02**				8.45E-03	8.31E-05	1.03E-04	1.46E-04	**8.78E-03**			
558265.174160362	558265	4160363	WRKR_263	1.00E-02	4.34E-05	1.18E-02	8.42E-05	**2.20E-02**				4.46E-03	6.16E-05	4.07E-03	9.41E-05	**8.68E-03**				2.38E-03	5.96E-05	2.85E-05	1.04E-04	**2.57E-03**			
558265.174160372	558265	4160373	WRKR_264	1.07E-02	4.46E-05	1.26E-02	8.64E-05	**2.34E-02**				4.75E-03	6.32E-05	4.34E-03	9.66E-05	**9.25E-03**				2.54E-03	6.12E-05	3.03E-05	1.07E-04	**2.74E-03**			
558265.174160382	558265	4160383	WRKR_265	1.14E-02	4.57E-05	1.35E-02	8.87E-05	**2.50E-02**				5.08E-03	6.49E-05	4.63E-03	9.91E-05	**9.87E-03**				2.71E-03	6.28E-05	3.24E-05	1.10E-04	**2.92E-03**			
558265.174160392	558265	4160393	WRKR_266	1.22E-02	4.70E-05	1.44E-02	9.10E-05	**2.68E-02**				5.44E-03	6.66E-05	4.96E-03	1.02E-04	**1.06E-02**				2.90E-03	6.45E-05	3.47E-05	1.13E-04	**3.12E-03**			
558265.174160402	558265	4160403	WRKR_267	1.31E-02	4.82E-05	1.55E-02	9.35E-05	**2.87E-02**				5.83E-03	6.84E-05	5.32E-03	1.05E-04	**1.13E-02**				3.12E-03	6.62E-05	3.72E-05	1.16E-04	**3.33E-03**			
558265.174160412	558265	4160413	WRKR_268	1.41E-02	4.95E-05	1.67E-02	9.61E-05	**3.09E-02**				6.27E-03	7.02E-05	5.72E-03	1.07E-04	**1.22E-02**				3.35E-03	6.80E-05	4.00E-05	1.19E-04	**3.58E-03**			
558265.174160422	558265	4160423	WRKR_269	1.52E-02	5.09E-05	1.80E-02	9.87E-05	**3.33E-02**				6.75E-03	7.21E-05	6.17E-03	1.10E-04	**1.31E-02**				3.61E-03	6.98E-05	4.31E-05	1.22E-04	**3.84E-03**			
558265.174160432	558265	4160433	WRKR_270	1.64E-02	5.23E-05	1.94E-02	1.02E-04	**3.59E-02**				7.30E-03	7.41E-05	6.67E-03	1.13E-04	**1.42E-02**				3.90E-03	7.17E-05	4.66E-05	1.26E-04	**4.14E-03**			
558265.174160442	558265	4160443	WRKR_271	1.78E-02	5.37E-05	2.10E-02	1.04E-04	**3.90E-02**				7.91E-03	7.62E-05	7.22E-03	1.17E-04	**1.53E-02**				4.23E-03	7.38E-05	5.05E-05	1.29E-04	**4.48E-03**			
558265.174160452	558265	4160453	WRKR_272	1.93E-02	5.52E-05	2.29E-02	1.07E-04	**4.23E-02**				8.59E-03	7.83E-05	7.86E-03	1.20E-04	**1.66E-02**				4.59E-03	7.58E-05	5.50E-05	1.33E-04	**4.86E-03**			
558265.174160462	558265	4160463	WRKR_273	2.10E-02	5.67E-05	2.50E-02	1.10E-04	**4.62E-02**				9.37E-03	8.05E-05	8.57E-03	1.23E-04	**1.81E-02**				5.01E-03	7.79E-05	6.00E-05	1.37E-04	**5.28E-03**			
558265.174160472	558265	4160473	WRKR_274	2.31E-02	5.84E-05	2.73E-02	1.14E-04	**5.06E-02**				1.03E-02	8.28E-05	9.39E-03	1.27E-04	**1.99E-02**				5.48E-03	8.01E-05	6.57E-05	1.41E-04	**5.77E-03**			
558265.174160482	558265	4160483	WRKR_275	2.54E-02	6.01E-05	3.01E-02	1.17E-04	**5.56E-02**				1.13E-02	8.52E-05	1.03E-02	1.31E-04	**2.18E-02**				6.04E-03	8.25E-05	7.23E-05	1.45E-04	**6.34E-03**			
558265.174160492	558265	4160493	WRKR_276	2.81E-02	6.18E-05	3.32E-02	1.20E-04	**6.15E-02**				1.25E-02	8.77E-05	1.14E-02	1.34E-04	**2.41E-02**				6.68E-03	8.49E-05	7.99E-05	1.49E-04	**6.99E-03**			
558265.174160502	558265	4160503	WRKR_277	3.12E-02	6.36E-05	3.70E-02	1.24E-04	**6.84E-02**				1.39E-02	9.02E-05	1.27E-02	1.38E-04	**2.68E-02**				7.43E-03	8.73E-05	8.89E-05	1.53E-04	**7.76E-03**			
558265.174160512	558265	4160513	WRKR_278	3.48E-02	6.52E-05	4.14E-02	1.27E-04	**7.64E-02**				1.55E-02	9.25E-05	1.42E-02	1.42E-04	**2.99E-02**				8.27E-03	8.96E-05	9.95E-05	1.57E-04	**8.61E-03**			
558265.174160522	558265	4160523	WRKR_279	3.90E-02	6.69E-05	4.67E-02	1.30E-04	**8.59E-02**				1.73E-02	9.49E-05	1.61E-02	1.46E-04	**3.36E-02**				9.27E-03	9.18E-05	1.12E-04	1.61E-04	**9.63E-03**			
558275.174160362	558275	4160363	WRKR_280	9.71E-03	4.53E-05	1.15E-02	8.79E-05	**2.13E-02**				4.32E-03	6.42E-05	3.94E-03	9.82E-05	**8.43E-03**				2.31E-03	6.22E-05	2.76E-05	1.09E-04	**2.51E-03**			
558275.174160372	558275	4160373	WRKR_281	1.03E-02	4.66E-05	1.22E-02	9.03E-05	**2.27E-02**				4.61E-03	6.60E-05	4.20E-03	1.01E-04	**8.98E-03**				2.46E-03	6.39E-05	2.94E-05	1.12E-04	**2.67E-03**			
558275.174160382	558275	4160383	WRKR_282	1.11E-02	4.78E-05	1.31E-02	9.27E-05	**2.42E-02**				4.92E-03	6.78E-05	4.48E-03	1.04E-04	**9.58E-03**				2.63E-03	6.57E-05	3.14E-05	1.15E-04	**2.84E-03**			
558275.174160392	558275	4160393	WRKR_283	1.18E-02	4.92E-05	1.40E-02	9.54E-05	**2.59E-02**				5.27E-03	6.97E-05	4.80E-03	1.07E-04	**1.02E-02**				2.81E-03	6.75E-05	3.36E-05	1.18E-04	**3.03E-03**			
558275.174160402	558275	4160403	WRKR_284	1.27E-02	5.06E-05	1.50E-02	9.81E-05	**2.78E-02**				5.65E-03	7.17E-05	5.14E-03	1.10E-04	**1.10E-02**				3.02E-03	6.94E-05	3.60E-05	1.22E-04	**3.25E-03**			
558275.174160412	558275	4160413	WRKR_285	1.36E-02	5.20E-05	1.61E-02	1.01E-04	**2.99E-02**				6.07E-03	7.38E-05	5.53E-03	1.13E-04	**1.18E-02**				3.24E-03	7.14E-05	3.87E-05	1.25E-04	**3.48E-03**			
558275.174160422	558275	4160423	WRKR_286	1.47E-02	5.35E-05	1.73E-02	1.04E-04	**3.22E-02**				6.54E-03	7.59E-05	5.96E-03	1.16E-04	**1.27E-02**				3.50E-03	7.35E-05	4.17E-05	1.29E-04	**3.74E-03**			
558275.174160432	558275	4160433	WRKR_287	1.59E-02	5.51E-05	1.87E-02	1.07E-04	**3.48E-02**				7.07E-03	7.81E-05	6.43E-03	1.20E-04	**1.37E-02**				3.78E-03	7.56E-05	4.50E-05	1.33E-04	**4.03E-03**			
558275.174160442	558275	4160443	WRKR_288	1.72E-02	5.67E-05	2.03E-02	1.10E-04	**3.77E-02**				7.66E-03	8.04E-05	6.97E-03	1.23E-04	**1.48E-02**				4.09E-03	7.79E-05	4.88E-05	1.37E-04	**4.36E-03**			
558275.174160452	558275	4160453	WRKR_289	1.87E-02	5.84E-05	2.21E-02	1.14E-04	**4.10E-02**				8.33E-03	8.28E-05	7.58E-03	1.27E-04	**1.61E-02**				4.45E-03	8.02E-05	5.30E-05	1.41E-04	**4.72E-03**			
558275.174160462	558275	4160463	WRKR_290	2.04E-02	6.02E-05	2.41E-02	1.17E-04	**4.47E-02**				9.09E-03	8.53E-05	8.27E-03	1.31E-04	**1.76E-02**				4.86E-03	8.26E-05	5.79E-05	1.45E-04	**5.14E-03**			
558275.174160472	558275	4160473	WRKR_291	2.24E-02	6.21E-05	2.64E-02	1.21E-04	**4.90E-02**				9.97E-03	8.80E-05	9.07E-03	1.35E-04	**1.93E-02**				5.33E-03	8.52E-05	6.34E-05	1.50E-04	**5.62E-03**			
558275.174160482	558275	4160483	WRKR_292	2.46E-02	6.40E-05	2.90E-02	1.25E-04	**5.39E-02**				1.10E-02	9.08E-05	9.98E-03	1.39E-04	**2.12E-02**				5.86E-03	8.79E-05	6.98E-05	1.54E-04	**6.17E-03**			
558275.174160492	558275	4160493	WRKR_293	2.73E-02	6.61E-05	3.22E-02	1.29E-04	**5.96E-02**				1.21E-02	9.37E-05	1.10E-02	1.44E-04	**2.34E-02**				6.49E-03	9.07E-05	7.73E-05	1.59E-04	**6.81E-03**			
558275.174160502	558275	4160503	WRKR_294	3.04E-02	6.82E-05	3.58E-02	1.33E-04	**6.64E-02**				1.35E-02	9.67E-05	1.23E-02	1.48E-04	**2.61E-02**				7.23E-03	9.36E-05	8.61E-05	1.65E-04	**7.57E-03**			

				Year 4 Project Concentrations ($\mu g/m^3$)				
XY	X	Y	Type	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL
558235.174160362	558235	4160363	WRKR_218	2.99E-03	6.37E-05	0.00E+00	1.29E-04	**3.18E-03**
558235.174160372	558235	4160373	WRKR_219	3.19E-03	6.51E-05	0.00E+00	1.32E-04	**3.39E-03**
558235.174160382	558235	4160383	WRKR_220	3.41E-03	6.66E-05	0.00E+00	1.35E-04	**3.61E-03**
558235.174160392	558235	4160393	WRKR_221	3.65E-03	6.81E-05	0.00E+00	1.38E-04	**3.86E-03**
558235.174160402	558235	4160403	WRKR_222	3.92E-03	6.96E-05	0.00E+00	1.41E-04	**4.13E-03**
558235.174160412	558235	4160413	WRKR_223	4.21E-03	7.12E-05	0.00E+00	1.44E-04	**4.43E-03**
558235.174160422	558235	4160423	WRKR_224	4.55E-03	7.28E-05	0.00E+00	1.48E-04	**4.77E-03**
558235.174160432	558235	4160433	WRKR_225	4.91E-03	7.44E-05	0.00E+00	1.51E-04	**5.14E-03**
558235.174160442	558235	4160443	WRKR_226	5.32E-03	7.60E-05	0.00E+00	1.54E-04	**5.55E-03**
558235.174160452	558235	4160453	WRKR_227	5.79E-03	7.77E-05	0.00E+00	1.58E-04	**6.02E-03**
558235.174160462	558235	4160463	WRKR_228	6.32E-03	7.95E-05	0.00E+00	1.61E-04	**6.56E-03**
558235.174160472	558235	4160473	WRKR_229	6.93E-03	8.12E-05	0.00E+00	1.65E-04	**7.17E-03**
558235.174160482	558235	4160483	WRKR_230	7.59E-03	8.28E-05	0.00E+00	1.68E-04	**7.84E-03**
558235.174160492	558235	4160493	WRKR_231	8.35E-03	8.44E-05	0.00E+00	1.71E-04	**8.60E-03**
558245.174160362	558245	4160363	WRKR_232	2.91E-03	6.64E-05	0.00E+00	1.35E-04	**3.11E-03**
558245.174160372	558245	4160373	WRKR_233	3.10E-03	6.80E-05	0.00E+00	1.38E-04	**3.31E-03**
558245.174160382	558245	4160383	WRKR_234	3.32E-03	6.97E-05	0.00E+00	1.41E-04	**3.53E-03**
558245.174160392	558245	4160393	WRKR_235	3.55E-03	7.13E-05	0.00E+00	1.45E-04	**3.77E-03**
558245.174160402	558245	4160403	WRKR_236	3.81E-03	7.31E-05	0.00E+00	1.48E-04	**4.04E-03**
558245.174160412	558245	4160413	WRKR_237	4.10E-03	7.48E-05	0.00E+00	1.52E-04	**4.33E-03**
558245.174160422	558245	4160423	WRKR_238	4.42E-03	7.66E-05	0.00E+00	1.55E-04	**4.65E-03**
558245.174160432	558245	4160433	WRKR_239	4.77E-03	7.84E-05	0.00E+00	1.59E-04	**5.01E-03**
558245.174160442	558245	4160443	WRKR_240	5.17E-03	8.02E-05	0.00E+00	1.63E-04	**5.41E-03**
558245.174160452	558245	4160453	WRKR_241	5.63E-03	8.22E-05	0.00E+00	1.67E-04	**5.88E-03**
558245.174160462	558245	4160463	WRKR_242	6.14E-03	8.42E-05	0.00E+00	1.71E-04	**6.40E-03**
558245.174160472	558245	4160473	WRKR_243	6.72E-03	8.62E-05	0.00E+00	1.75E-04	**6.98E-03**
558245.174160482	558245	4160483	WRKR_244	7.39E-03	8.82E-05	0.00E+00	1.79E-04	**7.66E-03**
558245.174160492	558245	4160493	WRKR_245	8.14E-03	9.02E-05	0.

Annual PM2.5

				AG	AH	AL	AJ	E	G	F	H						E	G	F	H	
				Year 1 Project Concentrations (μg/m³)									**Year 2 Project Concentrations (μg/m³)**					**Year 3 Project Concentrations (μg/m³)**					**Year 4 Project Concentrations (μg/m³)**				
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**
558275.174160512	558275	4160513	WRKR_295	3.41E-02	7.05E-05	4.02E-02	1.37E-04	**7.45E-02**	1.52E-02	9.99E-05	1.38E-02	1.53E-04	**2.93E-02**	8.11E-03	9.68E-05	9.67E-05	1.70E-04	**8.48E-03**	9.36E-03	1.17E-04	0.00E+00	2.39E-04	**9.71E-03**
558275.174160522	558275	4160523	WRKR_296	3.84E-02	7.26E-05	4.56E-02	1.41E-04	**8.42E-02**	1.71E-02	1.03E-04	1.57E-02	1.58E-04	**3.30E-02**	9.14E-03	9.97E-05	1.10E-04	1.75E-04	**9.52E-03**	1.05E-02	1.21E-04	0.00E+00	2.47E-04	**1.09E-02**
558275.174160532	558275	4160533	WRKR_297	4.35E-02	7.47E-05	5.23E-02	1.46E-04	**9.61E-02**	1.94E-02	1.06E-04	1.80E-02	1.63E-04	**3.76E-02**	1.04E-02	1.03E-04	1.26E-04	1.81E-04	**1.08E-02**	1.19E-02	1.25E-04	0.00E+00	2.54E-04	**1.23E-02**
558285.174160362	558285	4160363	WRKR_298	9.40E-03	4.73E-05	1.11E-02	9.17E-05	**2.06E-02**	4.19E-03	6.70E-05	3.81E-03	1.02E-04	**8.17E-03**	2.24E-03	6.49E-05	2.67E-05	1.14E-04	**2.44E-03**	2.58E-03	7.88E-05	0.00E+00	1.60E-04	**2.82E-03**
558285.174160372	558285	4160373	WRKR_299	1.00E-02	4.86E-05	1.18E-02	9.43E-05	**2.20E-02**	4.46E-03	6.89E-05	4.06E-03	1.05E-04	**8.70E-03**	2.38E-03	6.67E-05	2.84E-05	1.17E-04	**2.60E-03**	2.75E-03	8.10E-05	0.00E+00	1.64E-04	**2.99E-03**
558285.174160382	558285	4160383	WRKR_300	1.07E-02	5.00E-05	1.26E-02	9.69E-05	**2.35E-02**	4.76E-03	7.09E-05	4.33E-03	1.08E-04	**9.28E-03**	2.55E-03	6.86E-05	3.03E-05	1.20E-04	**2.76E-03**	2.94E-03	8.33E-05	0.00E+00	1.69E-04	**3.19E-03**
558285.174160392	558285	4160393	WRKR_301	1.15E-02	5.15E-05	1.35E-02	9.98E-05	**2.51E-02**	5.10E-03	7.30E-05	4.63E-03	1.12E-04	**9.92E-03**	2.72E-03	7.06E-05	3.24E-05	1.24E-04	**2.95E-03**	3.14E-03	8.58E-05	0.00E+00	1.74E-04	**3.40E-03**
558285.174160402	558285	4160403	WRKR_302	1.23E-02	5.30E-05	1.45E-02	1.03E-04	**2.69E-02**	5.47E-03	7.51E-05	4.96E-03	1.15E-04	**1.06E-02**	2.92E-03	7.27E-05	3.47E-05	1.27E-04	**3.16E-03**	3.37E-03	8.83E-05	0.00E+00	1.79E-04	**3.64E-03**
558285.174160412	558285	4160413	WRKR_303	1.32E-02	5.46E-05	1.55E-02	1.06E-04	**2.89E-02**	5.88E-03	7.74E-05	5.33E-03	1.18E-04	**1.14E-02**	3.14E-03	7.49E-05	3.73E-05	1.31E-04	**3.38E-03**	3.62E-03	9.10E-05	0.00E+00	1.85E-04	**3.90E-03**
558285.174160422	558285	4160423	WRKR_304	1.42E-02	5.63E-05	1.67E-02	1.09E-04	**3.11E-02**	6.34E-03	7.98E-05	5.74E-03	1.22E-04	**1.23E-02**	3.39E-03	7.73E-05	4.02E-05	1.35E-04	**3.64E-03**	3.90E-03	9.38E-05	0.00E+00	1.91E-04	**4.19E-03**
558285.174160432	558285	4160433	WRKR_305	1.54E-02	5.80E-05	1.81E-02	1.13E-04	**3.36E-02**	6.85E-03	8.23E-05	6.21E-03	1.26E-04	**1.33E-02**	3.66E-03	7.97E-05	4.34E-05	1.40E-04	**3.92E-03**	4.22E-03	9.67E-05	0.00E+00	1.97E-04	**4.51E-03**
558285.174160442	558285	4160443	WRKR_306	1.67E-02	5.98E-05	1.96E-02	1.16E-04	**3.64E-02**	7.42E-03	8.49E-05	6.73E-03	1.30E-04	**1.44E-02**	3.97E-03	8.21E-05	4.70E-05	1.44E-04	**4.24E-03**	4.57E-03	9.97E-05	0.00E+00	2.03E-04	**4.88E-03**
558285.174160452	558285	4160453	WRKR_307	1.81E-02	6.18E-05	2.13E-02	1.20E-04	**3.96E-02**	8.07E-03	8.76E-05	7.31E-03	1.34E-04	**1.56E-02**	4.31E-03	8.48E-05	5.12E-05	1.49E-04	**4.60E-03**	4.97E-03	1.03E-04	0.00E+00	2.10E-04	**5.29E-03**
558285.174160462	558285	4160463	WRKR_308	1.98E-02	6.38E-05	2.32E-02	1.24E-04	**4.32E-02**	8.82E-03	9.05E-05	7.98E-03	1.39E-04	**1.70E-02**	4.71E-03	8.76E-05	5.58E-05	1.54E-04	**5.01E-03**	5.44E-03	1.06E-04	0.00E+00	2.17E-04	**5.76E-03**
558285.174160472	558285	4160473	WRKR_309	2.17E-02	6.60E-05	2.55E-02	1.29E-04	**4.74E-02**	9.68E-03	9.36E-05	8.75E-03	1.44E-04	**1.87E-02**	5.17E-03	9.06E-05	6.12E-05	1.59E-04	**5.48E-03**	5.96E-03	1.10E-04	0.00E+00	2.24E-04	**6.30E-03**
558285.174160482	558285	4160483	WRKR_310	2.39E-02	6.82E-05	2.81E-02	1.33E-04	**5.22E-02**	1.07E-02	9.67E-05	9.64E-03	1.49E-04	**2.05E-02**	5.69E-03	9.36E-05	6.75E-05	1.65E-04	**6.02E-03**	6.56E-03	1.14E-04	0.00E+00	2.32E-04	**6.91E-03**
558285.174160492	558285	4160493	WRKR_311	2.65E-02	7.06E-05	3.11E-02	1.38E-04	**5.78E-02**	1.18E-02	1.00E-04	1.07E-02	1.54E-04	**2.27E-02**	6.31E-03	9.69E-05	7.48E-05	1.70E-04	**6.65E-03**	7.27E-03	1.18E-04	0.00E+00	2.40E-04	**7.63E-03**
558285.174160502	558285	4160503	WRKR_312	2.96E-02	7.32E-05	3.48E-02	1.43E-04	**6.46E-02**	1.32E-02	1.04E-04	1.19E-02	1.59E-04	**2.54E-02**	7.04E-03	1.00E-04	8.35E-05	1.77E-04	**7.40E-03**	8.12E-03	1.22E-04	0.00E+00	2.49E-04	**8.49E-03**
558285.174160512	558285	4160513	WRKR_313	3.33E-02	7.59E-05	3.92E-02	1.48E-04	**7.27E-02**	1.48E-02	1.08E-04	1.35E-02	1.66E-04	**2.86E-02**	7.93E-03	1.04E-04	9.41E-05	1.83E-04	**8.31E-03**	9.14E-03	1.27E-04	0.00E+00	2.58E-04	**9.52E-03**
558285.174160522	558285	4160523	WRKR_314	3.77E-02	7.88E-05	4.46E-02	1.54E-04	**8.26E-02**	1.68E-02	1.12E-04	1.53E-02	1.72E-04	**3.24E-02**	8.98E-03	1.08E-04	1.07E-04	1.90E-04	**9.38E-03**	1.04E-02	1.31E-04	0.00E+00	2.68E-04	**1.08E-02**
558285.174160532	558285	4160533	WRKR_315	4.29E-02	8.14E-05	5.14E-02	1.59E-04	**9.46E-02**	1.91E-02	1.15E-04	1.77E-02	1.78E-04	**3.71E-02**	1.02E-02	1.12E-04	1.24E-04	1.97E-04	**1.06E-02**	1.18E-02	1.36E-04	0.00E+00	2.78E-04	**1.22E-02**
558295.174160362	558295	4160363	WRKR_316	9.10E-03	4.93E-05	1.07E-02	9.56E-05	**2.00E-02**	4.05E-03	6.99E-05	3.68E-03	1.07E-04	**7.91E-03**	2.16E-03	6.76E-05	2.58E-05	1.18E-04	**2.38E-03**	2.50E-03	8.21E-05	0.00E+00	1.67E-04	**2.74E-03**
558295.174160372	558295	4160373	WRKR_317	9.69E-03	5.07E-05	1.14E-02	9.84E-05	**2.13E-02**	4.31E-03	7.19E-05	3.92E-03	1.10E-04	**8.42E-03**	2.31E-03	6.96E-05	2.74E-05	1.22E-04	**2.52E-03**	2.66E-03	8.45E-05	0.00E+00	1.72E-04	**2.91E-03**
558295.174160382	558295	4160383	WRKR_318	1.03E-02	5.22E-05	1.22E-02	1.01E-04	**2.27E-02**	4.61E-03	7.41E-05	4.18E-03	1.13E-04	**8.97E-03**	2.46E-03	7.17E-05	2.92E-05	1.26E-04	**2.69E-03**	2.84E-03	8.70E-05	0.00E+00	1.77E-04	**3.10E-03**
558295.174160392	558295	4160393	WRKR_319	1.11E-02	5.38E-05	1.30E-02	1.04E-04	**2.42E-02**	4.93E-03	7.63E-05	4.47E-03	1.17E-04	**9.59E-03**	2.63E-03	7.39E-05	3.13E-05	1.29E-04	**2.87E-03**	3.04E-03	8.97E-05	0.00E+00	1.82E-04	**3.31E-03**
558295.174160402	558295	4160403	WRKR_320	1.19E-02	5.54E-05	1.39E-02	1.08E-04	**2.60E-02**	5.29E-03	7.86E-05	4.78E-03	1.20E-04	**1.03E-02**	2.83E-03	7.61E-05	3.35E-05	1.33E-04	**3.07E-03**	3.26E-03	9.24E-05	0.00E+00	1.88E-04	**3.54E-03**
558295.174160412	558295	4160413	WRKR_321	1.28E-02	5.73E-05	1.50E-02	1.11E-04	**2.79E-02**	5.68E-03	8.12E-05	5.14E-03	1.24E-04	**1.10E-02**	3.04E-03	7.86E-05	3.59E-05	1.38E-04	**3.29E-03**	3.50E-03	9.54E-05	0.00E+00	1.94E-04	**3.79E-03**
558295.174160422	558295	4160423	WRKR_322	1.38E-02	5.91E-05	1.61E-02	1.15E-04	**3.00E-02**	6.13E-03	8.38E-05	5.53E-03	1.28E-04	**1.19E-02**	3.27E-03	8.11E-05	3.87E-05	1.42E-04	**3.54E-03**	3.78E-03	9.85E-05	0.00E+00	2.00E-04	**4.07E-03**
558295.174160432	558295	4160433	WRKR_323	1.49E-02	6.11E-05	1.74E-02	1.19E-04	**3.25E-02**	6.63E-03	8.66E-05	5.97E-03	1.33E-04	**1.28E-02**	3.54E-03	8.38E-05	4.18E-05	1.47E-04	**3.81E-03**	4.08E-03	1.02E-04	0.00E+00	2.07E-04	**4.39E-03**
558295.174160442	558295	4160443	WRKR_324	1.62E-02	6.31E-05	1.89E-02	1.23E-04	**3.52E-02**	7.19E-03	8.95E-05	6.48E-03	1.37E-04	**1.39E-02**	3.84E-03	8.66E-05	4.53E-05	1.52E-04	**4.13E-03**	4.43E-03	1.05E-04	0.00E+00	2.14E-04	**4.75E-03**
558295.174160452	558295	4160453	WRKR_325	1.76E-02	6.53E-05	2.05E-02	1.27E-04	**3.83E-02**	7.83E-03	9.26E-05	7.04E-03	1.42E-04	**1.51E-02**	4.18E-03	8.97E-05	4.93E-05	1.57E-04	**4.48E-03**	4.82E-03	1.09E-04	0.00E+00	2.22E-04	**5.15E-03**
558295.174160462	558295	4160463	WRKR_326	1.92E-02	6.76E-05	2.24E-02	1.32E-04	**4.18E-02**	8.56E-03	9.59E-05	7.69E-03	1.47E-04	**1.65E-02**	4.58E-03	9.28E-05	5.38E-05	1.63E-04	**4.89E-03**	5.28E-03	1.13E-04	0.00E+00	2.30E-04	**5.62E-03**
558295.174160472	558295	4160473	WRKR_327	2.11E-02	7.01E-05	2.46E-02	1.37E-04	**4.59E-02**	9.40E-03	9.94E-05	8.45E-03	1.53E-04	**1.81E-02**	5.02E-03	9.62E-05	5.91E-05	1.69E-04	**5.35E-03**	5.79E-03	1.17E-04	0.00E+00	2.38E-04	**6.15E-03**
558295.174160482	558295	4160483	WRKR_328	2.33E-02	7.27E-05	2.71E-02	1.42E-04	**5.06E-02**	1.04E-02	1.03E-04	9.32E-03	1.58E-04	**2.00E-02**	5.54E-03	9.98E-05	6.52E-05	1.76E-04	**5.88E-03**	6.39E-03	1.21E-04	0.00E+00	2.47E-04	**6.76E-03**
558295.174160492	558295	4160493	WRKR_329	2.58E-02	7.55E-05	3.02E-02	1.47E-04	**5.62E-02**	1.15E-02	1.07E-04	1.04E-02	1.65E-04	**2.21E-02**	6.15E-03	1.04E-04	7.25E-05	1.82E-04	**6.51E-03**	7.09E-03	1.26E-04	0.00E+00	2.57E-04	**7.47E-03**
558295.174160502	558295	4160503	WRKR_330	2.89E-02	7.85E-05	3.38E-02	1.53E-04	**6.29E-02**	1.29E-02	1.11E-04	1.16E-02	1.71E-04	**2.47E-02**	6.87E-03	1.08E-04	8.12E-05	1.90E-04	**7.25E-03**	7.92E-03	1.31E-04	0.00E+00	2.67E-04	**8.32E-03**
558295.174160512	558295	4160513	WRKR_331	3.26E-02	8.18E-05	3.82E-02	1.60E-04	**7.10E-02**	1.45E-02	1.16E-04	1.31E-02	1.79E-04	**2.79E-02**	7.75E-03	1.12E-04	9.18E-05	1.98E-04	**8.16E-03**	8.94E-03	1.36E-04	0.00E+00	2.79E-04	**9.36E-03**
558295.174160522	558295	4160523	WRKR_332	3.70E-02	8.53E-05	4.37E-02	1.67E-04	**8.10E-02**	1.65E-02	1.21E-04	1.50E-02	1.87E-04	**3.18E-02**	8.81E-03	1.17E-04	1.05E-04	2.07E-04	**9.24E-03**	1.02E-02	1.42E-04	0.00E+00	2.91E-04	**1.06E-02**
558295.174160532	558295	4160533	WRKR_333	4.23E-02	8.88E-05	5.06E-02	1.74E-04	**9.31E-02**	1.88E-02	1.26E-04	1.74E-02	1.95E-04	**3.65E-02**	1.01E-02	1.22E-04	1.22E-04	2.16E-04	**1.05E-02**	1.16E-02	1.48E-04	0.00E+00	3.04E-04	**1.21E-02**
558305.174160362	558305	4160363	WRKR_334	8.80E-03	5.13E-05	1.03E-02	9.96E-05	**1.93E-02**	3.92E-03	7.28E-05	3.55E-03	1.11E-04	**7.65E-03**	2.09E-03	7.05E-05	2.48E-05	1.23E-04	**2.31E-03**	2.41E-03	8.56E-05	0.00E+00	1.74E-04	**2.67E-03**
558305.174160372	558305	4160373	WRKR_335	9.37E-03	5.29E-05	1.10E-02	1.03E-04	**2.05E-02**	4.17E-03	7.50E-05	3.78E-03	1.15E-04	**8.14E-03**	2.23E-03	7.26E-05	2.64E-05	1.27E-04	**2.45E-03**	2.57E-03	8.82E-05	0.00E+00	1.79E-04	**2.84E-03**
558305.174160382	558305	4160383	WRKR_336	1.00E-02	5.45E-05	1.17E-02	1.06E-04	**2.19E-02**	4.45E-03	7.73E-05	4.02E-03	1.18E-04	**8.67E-03**	2.38E-03	7.48E-05	2.82E-05	1.31E-04	**2.61E-03**	2.74E-03	9.08E-05	0.00E+00	1.84E-04	**3.02E-03**
558305.174160392	558305	4160393	WRKR_337	1.07E-02	5.62E-05	1.25E-02	1.09E-04	**2.34E-02**	4.76E-03	7.97E-05	4.30E-03	1.22E-04	**9.26E-03**	2.54E-03	7.71E-05	3.01E-05	1.35E-04	**2.79E-03**	2.93E-03	9.36E-05	0.00E+00	1.90E-04	**3.22E-03**
558305.174160402	558305	4160403	WRKR_338	1.15E-02	5.79E-05	1.34E-02	1.12E-04	**2.50E-02**	5.11E-03	8.21E-05	4.60E-03	1.26E-04	**9.91E-03**	2.73E-03	7.94E-05	3.22E-05	1.39E-04	**2.98E-03**	3.15E-03	9.65E-05	0.00E+00	1.96E-04	**3.44E-03**
558305.174160412	558305	4160413	WRKR_339	1.23E-02	5.98E-05	1.44E-02	1.16E-04	**2.69E-02**	5.49E-03	8.48E-05	4.94E-03	1.30E-04	**1.06E-02**	2.94E-03	8.21E-05	3.45E-05	1.44E-04	**3.20E-03**	3.39E-03	9.96E-05	0.00E+00	2.02E-04	**3.69E-03**
558305.174160422	558305	4160423	WRKR_340	1.33E-02	6.20E-05	1.55E-02	1.20E-04	**2.90E-02**	5.93E-03	8.79E-05	5.32E-03	1.35E-04	**1.15E-02**	3.17E-03	8.51E-05	3.72E-05	1.49E-04	**3.44E-03**	3.65E-03	1.03E-04	0.00E+00	2.10E-04	**3.96E-03**
558305.174160432	558305	4160433	WRKR_341	1.44E-02	6.42E-05	1.67E-02	1.25E-04	**3.13E-02**	6.41E-03	9.10E-05	5.75E-03	1.39E-04	**1.24E-02**	3.42E-03	8.81E-05	4.02E-05	1.55E-04	**3.71E-03**	3.95E-03	1.07E-04	0.00E+00	2.18E-04	**4.27E-03**
558305.174160442	558305	4160443	WRKR_342	1.56E-02	6.65E-05	1.81E-02	1.29E-04	**3.40E-02**	6.96E-03	9.42E-05	6.23E-03	1.45E-04	**1.34E-02**	3.72E-03	9.12E-05	4.36E-05	1.60E-04	**4.01E-03**	4.29E-03	1.11E-04	0.00E+00	2.26E-04	**4.63E-03**
558305.174160452	558305	4160453	WRKR_343	1.70E-02	6.89E-05	1.97E-02	1.34E-04	**3.70E-02**	7.59E-03	9.77E-05	6.78E-03	1.50E-04	**1.46E-02**	4.05E-03	9.46E-05	4.75E-05	1.66E-04	**4.36E-03**	4.68E-03	1.15E-04	0.00E+00	2.34E-04	**5.02E-03**
558305.174160462	558305	4160463	WRKR_344	1.87E-02	7.15E-05	2.16E-02	1.39E-04	**4.05E-02**	8.30E-03	1.01E-04	7.42E-03	1.56E-04	**1.60E-02**	4.44E-03	9.82E-05	5.19E-05	1.73E-04	**4.76E-03**	5.12E-03	1.19E-04	0.00E+00	2.43E-04	**5.48E-03**
558305.174160472	558305	4160473	WRKR_345	2.05E-02	7.43E-05	2.37E-02	1.45E-04	**4.45E-02**	9.13E-03	1.05E-04	8.16E-03	1.62E-04	**1.76E-02**	4.88E-03	1.02E-04	5.71E-05	1.79E-04	**5.22E-03**	5.63E-03	1.24E-04	0.00E+00	2.53E-04	**6.00E-03**
558305.174160482	558305	4160483	WRKR_346	2.27E-02	7.73E-05	2.63E-02	1.51E-04	**4.92E-02**	1.01E-02	1.10E-04	9.02E-03	1.69E-04	**1.94E-02**	5.39E-03	1.06E-04	6.31E-05	1.87E-04	**5.75E-03**	6.22E-03	1.29E-04	0.00E+00	2.63E-04	**6.61E-03**
558305.174160492	558305	4160493	WRKR_347	2.52E-02	8.06E-05	2.93E-02	1.57E-04	**5.47E-02**	1.12E-02	1.14E-04	1.00E-02	1.76E-04	**2.16E-02**	6.00E-03	1.11E-04	7.03E-05	1.95E-04	**6.38E-03**	6.92E-03	1.34E-04	0.00E+00	2.74E-04	**7.33E-03**
558305.174160502	558305	4160503	WRKR_348	2.83E-02	8.41E-05	3.29E-02	1.65E-04	**6.14E-02**	1.26E-02	1.19E-04	1.13E-02	1.84E-04	**2.42E-02**	6.72E-03	1.15E-04	7.90E-05	2.04E-04	**7.12E-03**	7.75E-03	1.40E-04	0.00E+00	2.87E-04	**8.18E-03**
558305.174160512	558305	4160513	WRKR_349	3.19E-02	8.81E-05	3.73E-02	1.73E-04	**6.95E-02**	1.42E-02	1.25E-04	1.28E-02	1.93E-04	**2.74E-02**	7.60E-03	1.21E-04	8.97E-05	2.14E-04	**8.02E-03**	8.76E-03	1.47E-04	0.00E+00	3.01E-04	**9.21E-03**
558305.174160522	558305	4160523	WRKR_350	3.64E-02	9.24E-05	4.29E-02	1.81E-04	**7.95E-02**	1.62E-02	1.31E-04	1.47E-02	2.03E-04	**3.13E-02**	8.66E-03	1.27E-04	1.03E-04	2.25E-04	**9.11E-03**	9.98E-03	1.54E-04	0.00E+00	3.16E-04	**1.05E-02**
558305.174160532	558305	4160533	WRKR_351	4.17E-02	9.68E-05	4.98E-02	1.91E-04	**9.18E-02**	1.85E-02	1.37E-04	1.71E-02	2.13E-04	**3.60E-02**	9.91E-03	1.33E-04	1.20E-04	2.36E-04	**1.04E-02**	1.14E-02	1.61E-04	0.00E+00	3.32E-04	**1.19E-02**
558315.174160362	558315	4160363	WRKR_352	8.50E-03	5.35E-05	9.93E-03	1.04E-04	**1.86E-02**	3.78E-03	7.58E-05	3.41E-03	1.16E-04	**7.38E-03**	2.02E-03	7.34E-05	2.39E-05	1.28E-04	**2.25E-03**	2.33E-03	8.91E-05	0.00E+00	1.81E-04	**2.60E-03**
558315.174160372	558315	4160373	WRKR_353	9.05E-03	5.51E-05	1.06E-02	1.07E-04	**1.98E-02**	4.03E-03	7.82E-05	3.63E-03	1.20E-04	**7.85E-03**	2.15E-03	7.57E-05	2.54E-05	1.32E-04	**2.39E-03**	2.48E-03	9.19E-05	0.00E+00	1.87E-04	**2.76E-03**
558315.174160382	558315	4160383	WRKR_354	9.66E-03	5.68E-05	1.12E-02	1.10E-04	**2.11E-02**	4.30E-03	8.05E-05	3.86E-03	1.23E-04	**8.37E-03**	2.30E-03	7.79E-05	2.70E-05	1.36E-04	**2.54E-03**	2.65E-03	9.46E-05	0.00E+00	1.92E-04	**2.94E-03**
558315.174160392	558315	4160393	WRKR_355	1.03E-02	5.86E-05	1.20E-02	1.14E-04	**2.25E-02**	4.60E-03	8.31E-05	4.13E-03	1.27E-04	**8.94E-03**	2.46E-03	8.04E-05	2.89E-05	1.41E-04	**2.71E-03**	2.83E-03	9.77E-05	0.00E+00	1.98E-04	**3.13E-03**
558315.174160402	558315	4160403	WRKR_356	1.11E-02	6.05E-05	1.29E-02	1.18E-04	**2.41E-02**	4.93E-03	8.58E-05	4.42E-03	1.31E-04	**9.57E-03**	2.64E-03	8.31E-05	3.09E-05	1.46E-04	**2.90E-03**	3.04E-03	1.01E-04	0.00E+00	2.05E-04	**3.35E-03**
558315.174160412	558315	4160413	WRKR_357	1.19E-02	6.26E-05	1.38E-02	1.21E-04	**2.59E-02**	5.31E-03	8.87E-05	4.74E-03	1.36E-04	**1.03E-02**	2.84E-03	8.59E-05	3.32E-05	1.50E-04	**3.11E-03**	3.27E-03	1.04E-04	0.00E+00	2.12E-04	**3.59E-03**
558315.174160422	558315	4160423	WRKR_358	1.29E-02	6.48E-05	1.49E-02	1.26E-04	**2.79E-02**	5.73E-03	9.19E-05	5.11E-03	1.41E-04	**1.11E-02**	3.06E-03	8.90E-05	3.57E-05	1.56E-04	**3.34E-03**	3.53E-03	1.08E-04	0.00E+00	2.20E-04	**3.86E-03**
558315.174160432	558315	4160433	WRKR_359	1.39E-02	6.73E-05	1.61E-02	1.31E-04	**3.02E-02**	6.20E-03	9.54E-05	5.53E-03	1.46E-04	**1.20E-02**	3.31E-03	9.24E-05	3.87E-05	1.62E-04	**3.61E-03**	3.82E-03	1.12E-04	0.00E+00	2.28E-04	**4.16E-03**
558315.174160442	558315	4160443	WRKR_360	1.51E-02	6.98E-05	1.75E-02	1.36E-04	**3.28E-02**	6.74E-03	9.90E-05	6.00E-03	1.52E-04	**1.30E-02**	3.60E-03	9.59E-05	4.19E-05	1.68E-04	**3.91E-03**	4.15E-03	1.16E-04	0.00E+00	2.37E-04	**4.50E-03**
558315.174160452	558315	4160453	WRKR_361	1.65E-02	7.26E-05	1.90E-02	1.41E-04	**3.57E-02**	7.35E-03	1.03E-04	6.53E-03	1.58E-04	**1.41E-02**	3.93E-03	9.96E-05	4.57E-05	1.75E-04	**4.25E-03**	4.53E-03	1.21E-04	0.00E+00	2.46E-04	**4.90E-03**
558315.174160462	558315	4160463	WRKR_362	1.81E-02	7.55E-05	2.08E-02	1.47E-04	**3.91E-02**	8.06E-03	1.07E-04	7.15E-03	1.64E-04	**1.55E-02**	4.30E-03	1.04E-04	5.00E-05	1.82E-04	**4.64E-03**	4.96E-03	1.26E-04	0.00E+00	2.57E-04	**5.35E-03**
558315.174160472	558315	4160473	WRKR_363	1.99E-02	7.86E-05	2.29E-02	1.53E-04	**4.31E-02**	8.88E-03	1.11E-04	7.88E-03	1.71E-04	**1.70E-02**	4.74E-03	1.08E-04	5.51E-05	1.90E-04	**5.10E-03**	5.47E-03	1.31E-04	0.00E+00	2.67E-04	**5.87E-03**
558315.174160482	558315	4160483	WRKR_364	2.21E-02	8.21E-05	2.54E-02	1.60E-04	**4.78E-02**	9.83E-03	1.16E-04	8.73E-03	1.79E-04	**1.89E-02**	5.26E-03	1.13E-04	6.11E-05	1.99E-04	**5.63E-03**	6.06E-03	1.37E-04	0.00E+00	2.79E-04	**6.48E-03**
558315.174160492	558315	4160493	WRKR_365	2.46E-02	8.59E-05	2.84E-02	1.68E-04	**5.33E-02**	1.10E-02	1.22E-04	9.76E-03	1.88E-04	**2.10E-02**	5.86E-03	1.18E-04	6.83E-05	2.08E-04	**6.25E-03**	6.76E-03	1.43E-04	0.00E+00	2.93E-04	**7.19E-03**
558315.174160502	558315	4160503	WRKR_366	2.77E-02	9.01E-05	3.20E-02	1.76E-04	**6.00E-02**	1.23E-02	1.28E-04	1.10E-02	1.97E-04	**2.37E-02**	6.58E-03	1.24E-04	7.70E-05	2.18E-04	**7.00E-03**	7.59E-03	1.50E-04	0.00E+00	3.08E-04	**8.05E-03**
558315.174160512	558315	4160513	WRKR_367	3.13E-02	9.47E-05	3.65E-02	1.86E-04	**6.81E-02**	1.40E-02	1.34E-04	1.25E-02	2.08E-04	**2.68E-02**	7.45E-03	1.30E-04	8.78E-05	2.30E-04	**7.90E-03**	8.60E-03	1.58E-04	0.00E+00	3.24E-04	**9.08E-03**
558315.174160522	558315	4160523	WRKR_368	3.58E-02	9.99E-05	4.21E-02	1.97E-04	**7.82E-02**	1.59E-02	1.42E-04	1.45E-02	2.20E-04	**3.07E-02**	8.51E-03	1.37E-04	1.01E-04	2.44E-04	**8.99E-03**	9.81E-03	1.67E-04	0.00E+00	3.43E-04

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				AG	AH	AL	AJ	E	G	F	H	AG	AH	AL	AJ	E	G	F	H	AG	AH	AL	AJ	E	G	F	H
				Year 1 Project Concentrations ($\mu g/m^3$)								Year 2 Project Concentrations ($\mu g/m^3$)								Year 3 Project Concentrations ($\mu g/m^3$)								Year 4 Project Concentrations ($\mu g/m^3$)							
XY	X	Y	Type	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL
558325.174160382	558325	4160383	WRKR_372	9.33E-03	5.92E-05	1.08E-02	1.15E-04	**2.03E-02**	4.15E-03	8.39E-05	3.71E-03	1.28E-04	**8.07E-03**	2.22E-03	8.12E-05	2.59E-05	1.42E-04	**2.47E-03**	2.56E-03	9.86E-05	0.00E+00	2.00E-04	**2.86E-03**
558325.174160392	558325	4160393	WRKR_373	9.98E-03	6.12E-05	1.15E-02	1.19E-04	**2.17E-02**	4.44E-03	8.67E-05	3.96E-03	1.33E-04	**8.62E-03**	2.37E-03	8.39E-05	2.77E-05	1.47E-04	**2.63E-03**	2.74E-03	1.02E-04	0.00E+00	2.07E-04	**3.05E-03**
558325.174160402	558325	4160403	WRKR_374	1.07E-02	6.33E-05	1.23E-02	1.23E-04	**2.32E-02**	4.76E-03	8.97E-05	4.24E-03	1.37E-04	**9.23E-03**	2.55E-03	8.68E-05	2.97E-05	1.52E-04	**2.81E-03**	2.94E-03	1.05E-04	0.00E+00	2.14E-04	**3.25E-03**
558325.174160412	558325	4160413	WRKR_375	1.15E-02	6.55E-05	1.32E-02	1.27E-04	**2.50E-02**	5.13E-03	9.28E-05	4.55E-03	1.42E-04	**9.91E-03**	2.74E-03	8.99E-05	3.18E-05	1.58E-04	**3.02E-03**	3.16E-03	1.09E-04	0.00E+00	2.22E-04	**3.49E-03**
558325.174160422	558325	4160423	WRKR_376	1.24E-02	6.79E-05	1.43E-02	1.32E-04	**2.69E-02**	5.53E-03	9.62E-05	4.91E-03	1.47E-04	**1.07E-02**	2.96E-03	9.32E-05	3.43E-05	1.63E-04	**3.25E-03**	3.41E-03	1.13E-04	0.00E+00	2.30E-04	**3.75E-03**
558325.174160432	558325	4160433	WRKR_377	1.35E-02	7.05E-05	1.54E-02	1.37E-04	**2.91E-02**	6.00E-03	9.99E-05	5.31E-03	1.53E-04	**1.16E-02**	3.20E-03	9.67E-05	3.71E-05	1.70E-04	**3.51E-03**	3.69E-03	1.17E-04	0.00E+00	2.39E-04	**4.05E-03**
558325.174160442	558325	4160443	WRKR_378	1.46E-02	7.33E-05	1.68E-02	1.43E-04	**3.16E-02**	6.52E-03	1.04E-04	5.76E-03	1.59E-04	**1.25E-02**	3.48E-03	1.01E-04	4.03E-05	1.77E-04	**3.80E-03**	4.02E-03	1.22E-04	0.00E+00	2.49E-04	**4.39E-03**
558325.174160452	558325	4160453	WRKR_379	1.60E-02	7.63E-05	1.83E-02	1.49E-04	**3.45E-02**	7.12E-03	1.08E-04	6.29E-03	1.66E-04	**1.37E-02**	3.81E-03	1.05E-04	4.40E-05	1.84E-04	**4.14E-03**	4.39E-03	1.27E-04	0.00E+00	2.59E-04	**4.77E-03**
558325.174160462	558325	4160463	WRKR_380	1.76E-02	7.95E-05	2.01E-02	1.55E-04	**3.79E-02**	7.82E-03	1.13E-04	6.90E-03	1.73E-04	**1.50E-02**	4.18E-03	1.09E-04	4.82E-05	1.92E-04	**4.53E-03**	4.82E-03	1.32E-04	0.00E+00	2.70E-04	**5.22E-03**
558325.174160472	558325	4160473	WRKR_381	1.94E-02	8.30E-05	2.22E-02	1.62E-04	**4.18E-02**	8.63E-03	1.18E-04	7.61E-03	1.81E-04	**1.65E-02**	4.61E-03	1.14E-04	5.32E-05	2.01E-04	**4.98E-03**	5.32E-03	1.38E-04	0.00E+00	2.82E-04	**5.74E-03**
558325.174160482	558325	4160483	WRKR_382	2.15E-02	8.69E-05	2.46E-02	1.70E-04	**4.64E-02**	9.59E-03	1.23E-04	8.46E-03	1.90E-04	**1.84E-02**	5.12E-03	1.19E-04	5.92E-05	2.10E-04	**5.51E-03**	5.91E-03	1.45E-04	0.00E+00	2.96E-04	**6.35E-03**
558325.174160492	558325	4160493	WRKR_383	2.41E-02	9.12E-05	2.76E-02	1.78E-04	**5.20E-02**	1.07E-02	1.29E-04	9.49E-03	1.99E-04	**2.05E-02**	5.73E-03	1.25E-04	6.64E-05	2.21E-04	**6.14E-03**	6.60E-03	1.52E-04	0.00E+00	3.11E-04	**7.07E-03**
558325.174160502	558325	4160503	WRKR_384	2.71E-02	9.61E-05	3.12E-02	1.88E-04	**5.86E-02**	1.21E-02	1.36E-04	1.07E-02	2.10E-04	**2.31E-02**	6.45E-03	1.32E-04	7.51E-05	2.33E-04	**6.89E-03**	7.43E-03	1.60E-04	0.00E+00	3.28E-04	**7.92E-03**
558325.174160512	558325	4160513	WRKR_385	3.07E-02	1.02E-04	3.57E-02	2.00E-04	**6.68E-02**	1.37E-02	1.44E-04	1.23E-02	2.23E-04	**2.63E-02**	7.31E-03	1.39E-04	8.59E-05	2.47E-04	**7.79E-03**	8.43E-03	1.69E-04	0.00E+00	3.48E-04	**8.95E-03**
558325.174160522	558325	4160523	WRKR_386	3.51E-02	1.08E-04	4.13E-02	2.12E-04	**7.67E-02**	1.56E-02	1.53E-04	1.42E-02	2.37E-04	**3.02E-02**	8.35E-03	1.48E-04	9.93E-05	2.63E-04	**8.86E-03**	9.62E-03	1.80E-04	0.00E+00	3.70E-04	**1.02E-02**
558325.174160532	558325	4160533	WRKR_387	4.01E-02	1.14E-04	4.82E-02	2.27E-04	**8.86E-02**	1.79E-02	1.62E-04	1.65E-02	2.53E-04	**3.48E-02**	9.55E-03	1.57E-04	1.16E-04	2.81E-04	**1.01E-02**	1.10E-02	1.90E-04	0.00E+00	3.95E-04	**1.16E-02**
558335.174160362	558335	4160363	WRKR_388	7.93E-03	5.78E-05	9.13E-03	1.12E-04	**1.72E-02**	3.53E-03	8.20E-05	3.14E-03	1.25E-04	**6.87E-03**	1.89E-03	7.93E-05	2.19E-05	1.39E-04	**2.13E-03**	2.17E-03	9.63E-05	0.00E+00	1.95E-04	**2.47E-03**
558335.174160372	558335	4160373	WRKR_389	8.44E-03	5.98E-05	9.71E-03	1.16E-04	**1.83E-02**	3.76E-03	8.47E-05	3.34E-03	1.29E-04	**7.31E-03**	2.01E-03	8.20E-05	2.33E-05	1.43E-04	**2.26E-03**	2.31E-03	9.96E-05	0.00E+00	2.02E-04	**2.62E-03**
558335.174160382	558335	4160383	WRKR_390	9.01E-03	6.17E-05	1.03E-02	1.20E-04	**1.95E-02**	4.01E-03	8.74E-05	3.55E-03	1.34E-04	**7.78E-03**	2.14E-03	8.46E-05	2.48E-05	1.48E-04	**2.40E-03**	2.47E-03	1.03E-04	0.00E+00	2.08E-04	**2.78E-03**
558335.174160392	558335	4160393	WRKR_391	9.64E-03	6.37E-05	1.10E-02	1.24E-04	**2.09E-02**	4.29E-03	9.04E-05	3.79E-03	1.38E-04	**8.31E-03**	2.29E-03	8.75E-05	2.65E-05	1.53E-04	**2.56E-03**	2.64E-03	1.06E-04	0.00E+00	2.16E-04	**2.96E-03**
558335.174160402	558335	4160403	WRKR_392	1.03E-02	6.60E-05	1.18E-02	1.28E-04	**2.24E-02**	4.60E-03	9.36E-05	4.06E-03	1.43E-04	**8.90E-03**	2.46E-03	9.06E-05	2.84E-05	1.59E-04	**2.74E-03**	2.84E-03	1.10E-04	0.00E+00	2.23E-04	**3.17E-03**
558335.174160412	558335	4160413	WRKR_393	1.11E-02	6.84E-05	1.27E-02	1.33E-04	**2.40E-02**	4.95E-03	9.70E-05	4.36E-03	1.48E-04	**9.56E-03**	2.65E-03	9.39E-05	3.05E-05	1.65E-04	**2.94E-03**	3.05E-03	1.14E-04	0.00E+00	2.32E-04	**3.40E-03**
558335.174160422	558335	4160423	WRKR_394	1.20E-02	7.09E-05	1.37E-02	1.38E-04	**2.59E-02**	5.35E-03	1.01E-04	4.70E-03	1.54E-04	**1.03E-02**	2.86E-03	9.74E-05	3.29E-05	1.71E-04	**3.16E-03**	3.30E-03	1.18E-04	0.00E+00	2.40E-04	**3.66E-03**
558335.174160432	558335	4160433	WRKR_395	1.30E-02	7.36E-05	1.48E-02	1.43E-04	**2.81E-02**	5.80E-03	1.04E-04	5.09E-03	1.60E-04	**1.12E-02**	3.10E-03	1.01E-04	3.56E-05	1.77E-04	**3.41E-03**	3.58E-03	1.23E-04	0.00E+00	2.50E-04	**3.95E-03**
558335.174160442	558335	4160443	WRKR_396	1.42E-02	7.67E-05	1.61E-02	1.49E-04	**3.05E-02**	6.32E-03	1.09E-04	5.53E-03	1.67E-04	**1.21E-02**	3.38E-03	1.05E-04	3.87E-05	1.85E-04	**3.70E-03**	3.89E-03	1.28E-04	0.00E+00	2.60E-04	**4.28E-03**
558335.174160452	558335	4160453	WRKR_397	1.55E-02	8.00E-05	1.76E-02	1.56E-04	**3.34E-02**	6.91E-03	1.13E-04	6.05E-03	1.74E-04	**1.32E-02**	3.69E-03	1.10E-04	4.23E-05	1.93E-04	**4.04E-03**	4.26E-03	1.33E-04	0.00E+00	2.72E-04	**4.66E-03**
558335.174160462	558335	4160463	WRKR_398	1.71E-02	8.35E-05	1.94E-02	1.63E-04	**3.67E-02**	7.59E-03	1.18E-04	6.65E-03	1.82E-04	**1.45E-02**	4.06E-03	1.15E-04	4.65E-05	2.01E-04	**4.42E-03**	4.68E-03	1.39E-04	0.00E+00	2.84E-04	**5.10E-03**
558335.174160472	558335	4160473	WRKR_399	1.89E-02	8.74E-05	2.14E-02	1.70E-04	**4.05E-02**	8.40E-03	1.24E-04	7.36E-03	1.90E-04	**1.61E-02**	4.49E-03	1.20E-04	5.15E-05	2.11E-04	**4.87E-03**	5.17E-03	1.46E-04	0.00E+00	2.97E-04	**5.62E-03**
558335.174160482	558335	4160483	WRKR_400	2.10E-02	9.17E-05	2.39E-02	1.79E-04	**4.51E-02**	9.34E-03	1.30E-04	8.20E-03	2.00E-04	**1.79E-02**	4.99E-03	1.26E-04	5.74E-05	2.22E-04	**5.40E-03**	5.76E-03	1.53E-04	0.00E+00	3.12E-04	**6.22E-03**
558335.174160492	558335	4160493	WRKR_401	2.35E-02	9.66E-05	2.68E-02	1.89E-04	**5.06E-02**	1.05E-02	1.37E-04	9.22E-03	2.11E-04	**2.00E-02**	5.59E-03	1.33E-04	6.45E-05	2.34E-04	**6.02E-03**	6.45E-03	1.61E-04	0.00E+00	3.29E-04	**6.94E-03**
558335.174160502	558335	4160503	WRKR_402	2.65E-02	1.02E-04	3.05E-02	2.00E-04	**5.73E-02**	1.18E-02	1.45E-04	1.05E-02	2.24E-04	**2.26E-02**	6.31E-03	1.40E-04	7.33E-05	2.48E-04	**6.77E-03**	7.27E-03	1.70E-04	0.00E+00	3.49E-04	**7.79E-03**
558335.174160512	558335	4160513	WRKR_403	3.01E-02	1.08E-04	3.49E-02	2.13E-04	**6.54E-02**	1.34E-02	1.54E-04	1.20E-02	2.38E-04	**2.58E-02**	7.16E-03	1.49E-04	8.40E-05	2.64E-04	**7.66E-03**	8.26E-03	1.81E-04	0.00E+00	3.72E-04	**8.81E-03**
558335.174160522	558335	4160523	WRKR_404	3.43E-02	1.15E-04	4.04E-02	2.28E-04	**7.51E-02**	1.53E-02	1.64E-04	1.39E-02	2.55E-04	**2.96E-02**	8.17E-03	1.59E-04	9.72E-05	2.82E-04	**8.70E-03**	9.42E-03	1.92E-04	0.00E+00	3.98E-04	**1.00E-02**
558335.174160532	558335	4160533	WRKR_405	3.92E-02	1.23E-04	4.72E-02	2.45E-04	**8.68E-02**	1.75E-02	1.75E-04	1.62E-02	2.74E-04	**3.41E-02**	9.33E-03	1.69E-04	1.13E-04	3.04E-04	**9.92E-03**	1.08E-02	2.05E-04	0.00E+00	4.27E-04	**1.14E-02**
558345.174160362	558345	4160363	WRKR_406	7.66E-03	6.01E-05	8.76E-03	1.16E-04	**1.66E-02**	3.41E-03	8.52E-05	3.01E-03	1.30E-04	**6.63E-03**	1.82E-03	8.25E-05	2.10E-05	1.44E-04	**2.07E-03**	2.10E-03	1.00E-04	0.00E+00	2.03E-04	**2.40E-03**
558345.174160372	558345	4160373	WRKR_407	8.16E-03	6.21E-05	9.30E-03	1.20E-04	**1.76E-02**	3.63E-03	8.81E-05	3.20E-03	1.35E-04	**7.05E-03**	1.94E-03	8.53E-05	2.24E-05	1.49E-04	**2.20E-03**	2.24E-03	1.04E-04	0.00E+00	2.10E-04	**2.55E-03**
558345.174160382	558345	4160383	WRKR_408	8.70E-03	6.43E-05	9.92E-03	1.25E-04	**1.88E-02**	3.87E-03	9.12E-05	3.41E-03	1.39E-04	**7.51E-03**	2.07E-03	8.83E-05	2.38E-05	1.54E-04	**2.34E-03**	2.39E-03	1.07E-04	0.00E+00	2.17E-04	**2.71E-03**
558345.174160392	558345	4160393	WRKR_409	9.31E-03	6.65E-05	1.06E-02	1.29E-04	**2.01E-02**	4.15E-03	9.42E-05	3.64E-03	1.44E-04	**8.02E-03**	2.22E-03	9.12E-05	2.54E-05	1.60E-04	**2.49E-03**	2.55E-03	1.11E-04	0.00E+00	2.25E-04	**2.89E-03**
558345.174160402	558345	4160403	WRKR_410	1.00E-02	6.88E-05	1.13E-02	1.34E-04	**2.15E-02**	4.45E-03	9.76E-05	3.89E-03	1.49E-04	**8.59E-03**	2.38E-03	9.45E-05	2.72E-05	1.65E-04	**2.66E-03**	2.74E-03	1.15E-04	0.00E+00	2.33E-04	**3.09E-03**
558345.174160412	558345	4160413	WRKR_411	1.08E-02	7.14E-05	1.22E-02	1.39E-04	**2.32E-02**	4.79E-03	1.01E-04	4.18E-03	1.55E-04	**9.23E-03**	2.56E-03	9.79E-05	2.93E-05	1.72E-04	**2.86E-03**	2.95E-03	1.19E-04	0.00E+00	2.42E-04	**3.31E-03**
558345.174160422	558345	4160423	WRKR_412	1.16E-02	7.41E-05	1.31E-02	1.44E-04	**2.50E-02**	5.18E-03	1.05E-04	4.51E-03	1.61E-04	**9.96E-03**	2.77E-03	1.02E-04	3.16E-05	1.78E-04	**3.08E-03**	3.19E-03	1.23E-04	0.00E+00	2.51E-04	**3.57E-03**
558345.174160432	558345	4160433	WRKR_413	1.26E-02	7.70E-05	1.42E-02	1.50E-04	**2.71E-02**	5.62E-03	1.09E-04	4.89E-03	1.67E-04	**1.08E-02**	3.00E-03	1.06E-04	3.42E-05	1.85E-04	**3.33E-03**	3.46E-03	1.28E-04	0.00E+00	2.61E-04	**3.85E-03**
558345.174160442	558345	4160443	WRKR_414	1.38E-02	7.99E-05	1.55E-02	1.55E-04	**2.95E-02**	6.13E-03	1.13E-04	5.31E-03	1.73E-04	**1.17E-02**	3.27E-03	1.10E-04	3.72E-05	1.92E-04	**3.61E-03**	3.77E-03	1.33E-04	0.00E+00	2.71E-04	**4.18E-03**
558345.174160452	558345	4160453	WRKR_415	1.51E-02	8.35E-05	1.69E-02	1.62E-04	**3.22E-02**	6.71E-03	1.18E-04	5.81E-03	1.81E-04	**1.28E-02**	3.59E-03	1.15E-04	4.07E-05	2.01E-04	**3.94E-03**	4.14E-03	1.39E-04	0.00E+00	2.83E-04	**4.56E-03**
558345.174160462	558345	4160463	WRKR_416	1.66E-02	8.75E-05	1.87E-02	1.70E-04	**3.55E-02**	7.38E-03	1.24E-04	6.42E-03	1.90E-04	**1.41E-02**	3.94E-03	1.20E-04	4.49E-05	2.11E-04	**4.32E-03**	4.55E-03	1.46E-04	0.00E+00	2.97E-04	**4.99E-03**
558345.174160472	558345	4160473	WRKR_417	1.83E-02	9.16E-05	2.07E-02	1.79E-04	**3.93E-02**	8.17E-03	1.30E-04	7.12E-03	2.00E-04	**1.56E-02**	4.36E-03	1.26E-04	4.98E-05	2.21E-04	**4.76E-03**	5.03E-03	1.53E-04	0.00E+00	3.12E-04	**5.50E-03**
558345.174160482	558345	4160483	WRKR_418	2.04E-02	9.64E-05	2.32E-02	1.88E-04	**4.39E-02**	9.10E-03	1.37E-04	7.96E-03	2.10E-04	**1.74E-02**	4.86E-03	1.32E-04	5.57E-05	2.33E-04	**5.28E-03**	5.61E-03	1.61E-04	0.00E+00	3.28E-04	**6.10E-03**
558345.174160492	558345	4160493	WRKR_419	2.29E-02	1.02E-04	2.61E-02	1.99E-04	**4.94E-02**	1.02E-02	1.44E-04	8.98E-03	2.22E-04	**1.95E-02**	5.45E-03	1.40E-04	6.28E-05	2.46E-04	**5.90E-03**	6.29E-03	1.70E-04	0.00E+00	3.47E-04	**6.80E-03**
558345.174160502	558345	4160503	WRKR_420	2.59E-02	1.08E-04	2.97E-02	2.11E-04	**5.59E-02**	1.15E-02	1.53E-04	1.02E-02	2.36E-04	**2.21E-02**	6.16E-03	1.48E-04	7.15E-05	2.62E-04	**6.64E-03**	7.10E-03	1.80E-04	0.00E+00	3.69E-04	**7.65E-03**
558345.174160512	558345	4160513	WRKR_421	2.94E-02	1.15E-04	3.41E-02	2.26E-04	**6.39E-02**	1.31E-02	1.63E-04	1.17E-02	2.53E-04	**2.52E-02**	6.99E-03	1.58E-04	8.20E-05	2.80E-04	**7.51E-03**	8.06E-03	1.92E-04	0.00E+00	3.94E-04	**8.64E-03**
558345.174160522	558345	4160523	WRKR_422	3.35E-02	1.23E-04	3.95E-02	2.43E-04	**7.33E-02**	1.49E-02	1.74E-04	1.36E-02	2.71E-04	**2.89E-02**	7.96E-03	1.69E-04	9.49E-05	3.01E-04	**8.53E-03**	9.18E-03	2.05E-04	0.00E+00	4.24E-04	**9.81E-03**
558345.174160532	558345	4160533	WRKR_423	3.82E-02	1.32E-04	4.60E-02	2.63E-04	**8.46E-02**	1.70E-02	1.87E-04	1.58E-02	2.94E-04	**3.33E-02**	9.09E-03	1.81E-04	1.10E-04	3.25E-04	**9.71E-03**	1.05E-02	2.20E-04	0.00E+00	4.58E-04	**1.12E-02**
558355.174160362	558355	4160363	WRKR_424	7.41E-03	6.25E-05	8.41E-03	1.21E-04	**1.60E-02**	3.30E-03	8.86E-05	2.89E-03	1.35E-04	**6.41E-03**	1.76E-03	8.57E-05	2.02E-05	1.50E-04	**2.02E-03**	2.03E-03	1.04E-04	0.00E+00	2.11E-04	**2.35E-03**
558355.174160372	558355	4160373	WRKR_425	7.89E-03	6.46E-05	8.93E-03	1.25E-04	**1.70E-02**	3.51E-03	9.16E-05	3.07E-03	1.40E-04	**6.81E-03**	1.88E-03	8.87E-05	2.15E-05	1.55E-04	**2.14E-03**	2.16E-03	1.08E-04	0.00E+00	2.18E-04	**2.49E-03**
558355.174160382	558355	4160383	WRKR_426	8.42E-03	6.69E-05	9.51E-03	1.30E-04	**1.81E-02**	3.75E-03	9.48E-05	3.27E-03	1.45E-04	**7.25E-03**	2.00E-03	9.18E-05	2.29E-05	1.61E-04	**2.28E-03**	2.31E-03	1.11E-04	0.00E+00	2.26E-04	**2.65E-03**
558355.174160392	558355	4160393	WRKR_427	9.01E-03	6.93E-05	1.02E-02	1.34E-04	**1.94E-02**	4.01E-03	9.83E-05	3.49E-03	1.50E-04	**7.75E-03**	2.14E-03	9.52E-05	2.44E-05	1.67E-04	**2.43E-03**	2.47E-03	1.16E-04	0.00E+00	2.34E-04	**2.82E-03**
558355.174160402	558355	4160403	WRKR_428	9.68E-03	7.18E-05	1.09E-02	1.39E-04	**2.08E-02**	4.31E-03	1.02E-04	3.74E-03	1.56E-04	**8.30E-03**	2.30E-03	9.85E-05	2.61E-05	1.72E-04	**2.60E-03**	2.65E-03	1.20E-04	0.00E+00	2.43E-04	**3.02E-03**
558355.174160412	558355	4160413	WRKR_429	1.04E-02	7.44E-05	1.17E-02	1.44E-04	**2.23E-02**	4.64E-03	1.06E-04	4.02E-03	1.62E-04	**8.92E-03**	2.48E-03	1.02E-04	2.81E-05	1.79E-04	**2.79E-03**	2.86E-03	1.24E-04	0.00E+00	2.52E-04	**3.24E-03**
558355.174160422	558355	4160423	WRKR_430	1.13E-02	7.73E-05	1.26E-02	1.50E-04	**2.41E-02**	5.02E-03	1.10E-04	4.34E-03	1.68E-04	**9.63E-03**	2.68E-03	1.06E-04	3.03E-05	1.86E-04	**3.00E-03**	3.09E-03	1.29E-04	0.00E+00	2.62E-04	**3.48E-03**
558355.174160432	558355	4160433	WRKR_431	1.22E-02	8.04E-05	1.37E-02	1.56E-04	**2.62E-02**	5.45E-03	1.14E-04	4.70E-03	1.74E-04	**1.04E-02**	2.91E-03	1.10E-04	3.29E-05	1.93E-04	**3.25E-03**	3.36E-03	1.34E-04	0.00E+00	2.72E-04	**3.77E-03**
558355.174160442	558355	4160443	WRKR_432	1.34E-02	8.36E-05	1.49E-02	1.62E-04	**2.85E-02**	5.95E-03	1.19E-04	5.12E-03	1.82E-04	**1.14E-02**	3.18E-03	1.15E-04	3.58E-05	2.01E-04	**3.53E-03**	3.67E-03	1.39E-04	0.00E+00	2.83E-04	**4.09E-03**
558355.174160452	558355	4160453	WRKR_433	1.47E-02	8.73E-05	1.63E-02	1.70E-04	**3.12E-02**	6.52E-03	1.24E-04	5.61E-03	1.90E-04	**1.24E-02**	3.49E-03	1.20E-04	3.92E-05	2.10E-04	**3.86E-03**	4.02E-03	1.46E-04	0.00E+00	2.96E-04	**4.46E-03**
558355.174160462	558355	4160463	WRKR_434	1.61E-02	9.15E-05	1.80E-02	1.78E-04	**3.45E-02**	7.19E-03	1.30E-04	6.20E-03	1.99E-04	**1.37E-02**	3.84E-03	1.26E-04	4.33E-05	2.20E-04	**4.23E-03**	4.43E-03	1.52E-04	0.00E+00	3.10E-04	**4.89E-03**
558355.174160472	558355	4160473	WRKR_435	1.79E-02	9.60E-05	2.01E-02	1.87E-04	**3.82E-02**	7.96E-03	1.36E-04	6.90E-03	2.09E-04	**1.52E-02**	4.25E-03	1.32E-04	4.82E-05	2.32E-04	**4.67E-03**	4.90E-03	1.60E-04	0.00E+00	3.26E-04	**5.39E-03**
558355.174160482	558355	4160483	WRKR_436	1.99E-02	1.01E-04	2.25E-02	1.97E-04	**4.27E-02**	8.86E-03	1.43E-04	7.73E-03	2.20E-04	**1.70E-02**	4.74E-03	1.39E-04	5.41E-05	2.44E-04	**5.17E-03**	5.46E-03	1.68E-04	0.00E+00	3.43E-04	**5.97E-03**
558355.174160492	558355	4160493	WRKR_437	2.23E-02	1.07E-04	2.54E-02	2.09E-04	**4.81E-02**	9.94E-03	1.51E-04	8.74E-03	2.33E-04	**1.91E-02**	5.31E-03	1.46E-04	6.11E-05	2.58E-04	**5.78E-03**	6.12E-03	1.78E-04	0.00E+00	3.64E-04	**6.67E-03**
558355.174160502	558355	4160503	WRKR_438	2.52E-02	1.13E-04	2.90E-02	2.22E-04	**5.45E-02**	1.12E-02	1.61E-04	9.96E-03	2.48E-04	**2.16E-02**	5.99E-03	1.55E-04	6.97E-05	2.75E-04	**6.49E-03**	6.91E-03	1.89E-04	0.00E+00	3.87E-04	**7.48E-03**
558355.174160512	558355	4160513	WRKR_439	2.86E-02	1.21E-04	3.33E-02	2.38E-04	**6.22E-02**	1.27E-02	1.71E-04	1.14E-02	2.66E-04	**2.46E-02**	6.79E-03	1.66E-04	8.00E-05	2.95E-04	**7.33E-03**	7.83E-03	2.01E-04	0.00E+00	4.15E-04	**8.45E-03**
558355.174160522	558355	4160523	WRKR_440	3.25E-02	1.30E-04	3.85E-02	2.57E-04	**7.13E-02**	1.45E-02	1.84E-04	1.32E-02	2.87E-04	**2.81E-02**	7.73E-03	1.78E-04	9.25E-05	3.18E-04	**8.32E-03**	8.91E-03	2.16E-04	0.00E+00	4.47E-04	**9.57E-03**
558355.174160532	558355	4160533	WRKR_441	3.71E-02	1.40E-04	4.46E-02	2.79E-04	**8.22E-02**	1.65E-02	1.99E-04	1.53E-02	3.12E-04	**3.24E-02**	8.82E-03	1.93E-04	1.07E-04	3.46E-04	**9.47E-03**	1.02E-02	2.34E-04	0.00E+00	4.87E-04	**1.09E-02**
558365.174160362	558365	4160363	WRKR_442	7.18E-03	6.50E-05	8.09E-03	1.26E-04	**1.55E-02**	3.20E-03	9.22E-05	2.78E-03	1.41E-04	**6.21E-03**	1.71E-03	8.92E-05	1.94E-05	1.56E-04	**1.97E-03**	1.97E-03	1.08E-04	0.00E+00	2.19E-04	**2.30E-03**
558365.174160372	558365	4160373	WRKR_443	7.65E-03	6.73E-05	8.59E-03	1.30E-04	**1.64E-02**	3.40E-03	9.54E-05	2.95E-03	1.46E-04	**6.60E-03**	1.82E-03	9.24E-05	2.06E-05	1.61E-04	**2.09E-03**	2.10E-03	1.12E-04	0.00E+00	2.27E-04	**2.44E-03**
558365.174160382	558365	4160383	WRKR_444	8.16E-03	6.97E-05	9.15E-03	1.35E-04	**1.75E-02**	3.63E-03	9.88E-05	3.14E-03	1.51E-04	**7.02E-03**	1.94E-03	9.56E-05	2.20E-05	1.67E-04	**2.23E-03**	2.24E-03	1.16E-04	0.00E+00	2.35E-04	**2.59E-03**
558365.174160392	558365	4160393	WRKR_445	8.74E-03	7.22E-05	9.77E-03	1.40E-04	**1.87E-02**	3.89E-03	1.02E-04	3.36E-03	1.56E-04	**7.50E-03**	2.08E-03	9.91E-05	2.35E-05	1.73E-04	**2.37E-03**	2.40E-03	1.20E-04	0.00E+

Annual PM2.5

				AG	AH	AL	AJ	E AG	G AH	F AL	H AJ		E	G	F	H	
				Year 1 Project Concentrations (μg/m³)				Year 2 Project Concentrations (μg/m³)					Year 3 Project Concentrations (μg/m³)					Year 4 Project Concentrations (μg/m³)				
XY	X	Y	Type	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL
558365.174160432	558365	4160433	WRKR_449	1.19E-02	8.38E-05	1.32E-02	1.63E-04	**2.53E-02**	5.30E-03	1.19E-04	4.53E-03	1.82E-04	**1.01E-02**	2.83E-03	1.15E-04	3.17E-05	2.01E-04	**3.18E-03**	3.27E-03	1.40E-04	0.00E+00	2.84E-04	**3.69E-03**
558365.174160442	558365	4160443	WRKR_450	1.30E-02	8.73E-05	1.44E-02	1.69E-04	**2.76E-02**	5.79E-03	1.24E-04	4.94E-03	1.89E-04	**1.10E-02**	3.09E-03	1.20E-04	3.46E-05	2.10E-04	**3.46E-03**	3.57E-03	1.45E-04	0.00E+00	2.95E-04	**4.01E-03**
558365.174160452	558365	4160453	WRKR_451	1.43E-02	9.13E-05	1.58E-02	1.77E-04	**3.03E-02**	6.35E-03	1.29E-04	5.43E-03	1.98E-04	**1.21E-02**	3.39E-03	1.25E-04	3.80E-05	2.20E-04	**3.78E-03**	3.91E-03	1.52E-04	0.00E+00	3.09E-04	**4.37E-03**
558365.174160462	558365	4160463	WRKR_452	1.57E-02	9.56E-05	1.75E-02	1.86E-04	**3.35E-02**	7.00E-03	1.36E-04	6.01E-03	2.08E-04	**1.34E-02**	3.74E-03	1.31E-04	4.20E-05	2.30E-04	**4.15E-03**	4.31E-03	1.59E-04	0.00E+00	3.24E-04	**4.80E-03**
558365.174160472	558365	4160473	WRKR_453	1.74E-02	1.00E-04	1.95E-02	1.95E-04	**3.72E-02**	7.77E-03	1.42E-04	6.69E-03	2.18E-04	**1.48E-02**	4.15E-03	1.38E-04	4.68E-05	2.42E-04	**4.58E-03**	4.79E-03	1.67E-04	0.00E+00	3.41E-04	**5.29E-03**
558365.174160482	558365	4160483	WRKR_454	1.94E-02	1.06E-04	2.19E-02	2.06E-04	**4.16E-02**	8.65E-03	1.50E-04	7.52E-03	2.30E-04	**1.66E-02**	4.62E-03	1.45E-04	5.26E-05	2.55E-04	**5.08E-03**	5.33E-03	1.76E-04	0.00E+00	3.59E-04	**5.87E-03**
558365.174160492	558365	4160493	WRKR_455	2.18E-02	1.12E-04	2.48E-02	2.18E-04	**4.69E-02**	9.70E-03	1.58E-04	8.51E-03	2.44E-04	**1.86E-02**	5.18E-03	1.53E-04	5.95E-05	2.70E-04	**5.66E-03**	5.97E-03	1.86E-04	0.00E+00	3.81E-04	**6.54E-03**
558365.174160502	558365	4160503	WRKR_456	2.45E-02	1.19E-04	2.82E-02	2.33E-04	**5.31E-02**	1.09E-02	1.68E-04	9.70E-03	2.60E-04	**2.11E-02**	5.84E-03	1.63E-04	6.79E-05	2.88E-04	**6.36E-03**	6.73E-03	1.98E-04	0.00E+00	4.06E-04	**7.33E-03**
558365.174160512	558365	4160513	WRKR_457	2.78E-02	1.27E-04	3.24E-02	2.49E-04	**6.05E-02**	1.24E-02	1.80E-04	1.11E-02	2.79E-04	**2.39E-02**	6.60E-03	1.74E-04	7.79E-05	3.09E-04	**7.16E-03**	7.61E-03	2.11E-04	0.00E+00	4.35E-04	**8.26E-03**
558365.174160522	558365	4160523	WRKR_458	3.15E-02	1.36E-04	3.73E-02	2.70E-04	**6.92E-02**	1.40E-02	1.93E-04	1.28E-02	3.01E-04	**2.73E-02**	7.49E-03	1.87E-04	8.98E-05	3.34E-04	**8.10E-03**	8.64E-03	2.27E-04	0.00E+00	4.70E-04	**9.33E-03**
558365.174160532	558365	4160533	WRKR_459	3.58E-02	1.48E-04	4.32E-02	2.94E-04	**7.95E-02**	1.60E-02	2.10E-04	1.48E-02	3.29E-04	**3.13E-02**	8.53E-03	2.03E-04	1.04E-04	3.65E-04	**9.20E-03**	9.83E-03	2.46E-04	0.00E+00	5.13E-04	**1.06E-02**
558375.174160362	558375	4160363	WRKR_460	6.97E-03	6.78E-05	7.81E-03	1.31E-04	**1.50E-02**	3.10E-03	9.61E-05	2.68E-03	1.47E-04	**6.03E-03**	1.66E-03	9.31E-05	1.88E-05	1.62E-04	**1.93E-03**	1.91E-03	1.13E-04	0.00E+00	2.29E-04	**2.25E-03**
558375.174160372	558375	4160373	WRKR_461	7.42E-03	7.03E-05	8.29E-03	1.36E-04	**1.59E-02**	3.30E-03	9.96E-05	2.85E-03	1.52E-04	**6.41E-03**	1.77E-03	9.64E-05	1.99E-05	1.68E-04	**2.05E-03**	2.04E-03	1.17E-04	0.00E+00	2.37E-04	**2.39E-03**
558375.174160382	558375	4160383	WRKR_462	7.93E-03	7.28E-05	8.83E-03	1.41E-04	**1.70E-02**	3.53E-03	1.03E-04	3.03E-03	1.58E-04	**6.82E-03**	1.89E-03	9.99E-05	2.12E-05	1.75E-04	**2.18E-03**	2.17E-03	1.21E-04	0.00E+00	2.46E-04	**2.54E-03**
558375.174160392	558375	4160393	WRKR_463	8.49E-03	7.52E-05	9.43E-03	1.46E-04	**1.81E-02**	3.78E-03	1.07E-04	3.24E-03	1.63E-04	**7.29E-03**	2.02E-03	1.03E-04	2.27E-05	1.80E-04	**2.33E-03**	2.33E-03	1.25E-04	0.00E+00	2.54E-04	**2.71E-03**
558375.174160402	558375	4160403	WRKR_464	9.13E-03	7.80E-05	1.01E-02	1.51E-04	**1.95E-02**	4.06E-03	1.11E-04	3.47E-03	1.69E-04	**7.82E-03**	2.17E-03	1.07E-04	2.43E-05	1.87E-04	**2.49E-03**	2.50E-03	1.30E-04	0.00E+00	2.64E-04	**2.90E-03**
558375.174160412	558375	4160413	WRKR_465	9.85E-03	8.10E-05	1.09E-02	1.57E-04	**2.10E-02**	4.38E-03	1.15E-04	3.74E-03	1.76E-04	**8.41E-03**	2.34E-03	1.11E-04	2.61E-05	1.95E-04	**2.67E-03**	2.70E-03	1.35E-04	0.00E+00	2.74E-04	**3.11E-03**
558375.174160422	558375	4160423	WRKR_466	1.07E-02	8.41E-05	1.18E-02	1.63E-04	**2.27E-02**	4.75E-03	1.19E-04	4.04E-03	1.82E-04	**9.09E-03**	2.54E-03	1.15E-04	2.83E-05	2.02E-04	**2.88E-03**	2.93E-03	1.40E-04	0.00E+00	2.85E-04	**3.35E-03**
558375.174160432	558375	4160433	WRKR_467	1.16E-02	8.75E-05	1.28E-02	1.70E-04	**2.46E-02**	5.17E-03	1.24E-04	4.39E-03	1.90E-04	**9.87E-03**	2.76E-03	1.20E-04	3.07E-05	2.10E-04	**3.12E-03**	3.18E-03	1.46E-04	0.00E+00	2.96E-04	**3.62E-03**
558375.174160442	558375	4160443	WRKR_468	1.27E-02	9.12E-05	1.40E-02	1.77E-04	**2.69E-02**	5.65E-03	1.29E-04	4.80E-03	1.98E-04	**1.08E-02**	3.02E-03	1.25E-04	3.35E-05	2.19E-04	**3.39E-03**	3.48E-03	1.52E-04	0.00E+00	3.09E-04	**3.94E-03**
558375.174160452	558375	4160453	WRKR_469	1.39E-02	9.53E-05	1.54E-02	1.85E-04	**2.96E-02**	6.20E-03	1.35E-04	5.28E-03	2.07E-04	**1.18E-02**	3.31E-03	1.31E-04	3.69E-05	2.29E-04	**3.71E-03**	3.82E-03	1.59E-04	0.00E+00	3.23E-04	**4.30E-03**
558375.174160462	558375	4160463	WRKR_470	1.54E-02	9.98E-05	1.70E-02	1.94E-04	**3.27E-02**	6.84E-03	1.41E-04	5.85E-03	2.17E-04	**1.30E-02**	3.65E-03	1.37E-04	4.09E-05	2.40E-04	**4.07E-03**	4.21E-03	1.66E-04	0.00E+00	3.38E-04	**4.72E-03**
558375.174160472	558375	4160473	WRKR_471	1.70E-02	1.05E-04	1.90E-02	2.04E-04	**3.63E-02**	7.59E-03	1.49E-04	6.52E-03	2.28E-04	**1.45E-02**	4.05E-03	1.44E-04	4.56E-05	2.52E-04	**4.50E-03**	4.67E-03	1.75E-04	0.00E+00	3.55E-04	**5.20E-03**
558375.174160482	558375	4160483	WRKR_472	1.90E-02	1.10E-04	2.14E-02	2.15E-04	**4.07E-02**	8.46E-03	1.56E-04	7.34E-03	2.40E-04	**1.62E-02**	4.52E-03	1.51E-04	5.13E-05	2.66E-04	**4.99E-03**	5.21E-03	1.84E-04	0.00E+00	3.75E-04	**5.77E-03**
558375.174160492	558375	4160493	WRKR_473	2.13E-02	1.17E-04	2.42E-02	2.28E-04	**4.58E-02**	9.47E-03	1.66E-04	8.31E-03	2.55E-04	**1.82E-02**	5.06E-03	1.60E-04	5.81E-05	2.82E-04	**5.56E-03**	5.83E-03	1.95E-04	0.00E+00	3.98E-04	**6.43E-03**
558375.174160502	558375	4160503	WRKR_474	2.39E-02	1.24E-04	2.75E-02	2.43E-04	**5.18E-02**	1.06E-02	1.76E-04	9.46E-03	2.72E-04	**2.06E-02**	5.69E-03	1.70E-04	6.62E-05	3.01E-04	**6.23E-03**	6.56E-03	2.07E-04	0.00E+00	4.24E-04	**7.19E-03**
558375.174160512	558375	4160513	WRKR_475	2.70E-02	1.33E-04	3.15E-02	2.61E-04	**5.89E-02**	1.20E-02	1.88E-04	1.08E-02	2.92E-04	**2.33E-02**	6.42E-03	1.82E-04	7.58E-05	3.23E-04	**7.00E-03**	7.40E-03	2.21E-04	0.00E+00	4.55E-04	**8.08E-03**
558375.174160522	558375	4160523	WRKR_476	3.05E-02	1.43E-04	3.62E-02	2.83E-04	**6.72E-02**	1.36E-02	2.03E-04	1.24E-02	3.16E-04	**2.65E-02**	7.26E-03	1.96E-04	8.70E-05	3.50E-04	**7.89E-03**	8.37E-03	2.38E-04	0.00E+00	4.93E-04	**9.10E-03**
558375.174160532	558375	4160533	WRKR_477	3.46E-02	1.55E-04	4.17E-02	3.09E-04	**7.67E-02**	1.54E-02	2.20E-04	1.43E-02	3.45E-04	**3.03E-02**	8.23E-03	2.13E-04	1.00E-04	3.83E-04	**8.93E-03**	9.49E-03	2.59E-04	0.00E+00	5.39E-04	**1.03E-02**
558385.174160362	558385	4160363	WRKR_478	6.78E-03	7.07E-05	7.57E-03	1.37E-04	**1.46E-02**	3.02E-03	1.00E-04	2.60E-03	1.53E-04	**5.87E-03**	1.61E-03	9.71E-05	1.82E-05	1.69E-04	**1.90E-03**	1.86E-03	1.18E-04	0.00E+00	2.39E-04	**2.22E-03**
558385.174160372	558385	4160373	WRKR_479	7.22E-03	7.34E-05	8.04E-03	1.42E-04	**1.55E-02**	3.22E-03	1.04E-04	2.76E-03	1.59E-04	**6.24E-03**	1.72E-03	1.01E-04	1.93E-05	1.76E-04	**2.01E-03**	1.98E-03	1.22E-04	0.00E+00	2.48E-04	**2.35E-03**
558385.174160382	558385	4160383	WRKR_480	7.72E-03	7.60E-05	8.56E-03	1.47E-04	**1.65E-02**	3.44E-03	1.08E-04	2.94E-03	1.65E-04	**6.65E-03**	1.84E-03	1.04E-04	2.06E-05	1.83E-04	**2.14E-03**	2.12E-03	1.27E-04	0.00E+00	2.57E-04	**2.50E-03**
558385.174160392	558385	4160393	WRKR_481	8.28E-03	7.83E-05	9.14E-03	1.52E-04	**1.76E-02**	3.68E-03	1.11E-04	3.14E-03	1.70E-04	**7.10E-03**	1.97E-03	1.08E-04	2.20E-05	1.88E-04	**2.29E-03**	2.27E-03	1.31E-04	0.00E+00	2.65E-04	**2.67E-03**
558385.174160402	558385	4160403	WRKR_482	8.90E-03	8.13E-05	9.80E-03	1.58E-04	**1.89E-02**	3.96E-03	1.15E-04	3.37E-03	1.76E-04	**7.62E-03**	2.12E-03	1.12E-04	2.36E-05	1.95E-04	**2.45E-03**	2.44E-03	1.36E-04	0.00E+00	2.75E-04	**2.85E-03**
558385.174160412	558385	4160413	WRKR_483	9.61E-03	8.45E-05	1.06E-02	1.64E-04	**2.04E-02**	4.28E-03	1.20E-04	3.63E-03	1.83E-04	**8.21E-03**	2.29E-03	1.16E-04	2.54E-05	2.03E-04	**2.63E-03**	2.64E-03	1.41E-04	0.00E+00	2.86E-04	**3.06E-03**
558385.174160422	558385	4160423	WRKR_484	1.04E-02	8.78E-05	1.14E-02	1.70E-04	**2.21E-02**	4.64E-03	1.24E-04	3.93E-03	1.90E-04	**8.88E-03**	2.48E-03	1.20E-04	2.75E-05	2.11E-04	**2.84E-03**	2.86E-03	1.46E-04	0.00E+00	2.97E-04	**3.30E-03**
558385.174160432	558385	4160433	WRKR_485	1.13E-02	9.13E-05	1.24E-02	1.77E-04	**2.40E-02**	5.05E-03	1.29E-04	4.27E-03	1.98E-04	**9.65E-03**	2.70E-03	1.25E-04	2.99E-05	2.19E-04	**3.07E-03**	3.11E-03	1.52E-04	0.00E+00	3.09E-04	**3.57E-03**
558385.174160442	558385	4160443	WRKR_486	1.24E-02	9.52E-05	1.36E-02	1.85E-04	**2.63E-02**	5.52E-03	1.35E-04	4.68E-03	2.06E-04	**1.05E-02**	2.95E-03	1.31E-04	3.27E-05	2.29E-04	**3.34E-03**	3.40E-03	1.59E-04	0.00E+00	3.22E-04	**3.88E-03**
558385.174160452	558385	4160453	WRKR_487	1.36E-02	9.95E-05	1.50E-02	1.93E-04	**2.89E-02**	6.07E-03	1.41E-04	5.16E-03	2.16E-04	**1.16E-02**	3.24E-03	1.37E-04	3.61E-05	2.39E-04	**3.65E-03**	3.74E-03	1.66E-04	0.00E+00	3.37E-04	**4.24E-03**
558385.174160462	558385	4160463	WRKR_488	1.50E-02	1.04E-04	1.67E-02	2.02E-04	**3.20E-02**	6.70E-03	1.48E-04	5.72E-03	2.26E-04	**1.28E-02**	3.58E-03	1.43E-04	4.00E-05	2.50E-04	**4.01E-03**	4.13E-03	1.73E-04	0.00E+00	3.53E-04	**4.65E-03**
558385.174160472	558385	4160473	WRKR_489	1.67E-02	1.09E-04	1.86E-02	2.12E-04	**3.56E-02**	7.43E-03	1.55E-04	6.39E-03	2.38E-04	**1.42E-02**	3.97E-03	1.50E-04	4.47E-05	2.63E-04	**4.43E-03**	4.58E-03	1.82E-04	0.00E+00	3.71E-04	**5.13E-03**
558385.174160482	558385	4160483	WRKR_490	1.86E-02	1.15E-04	2.09E-02	2.24E-04	**3.99E-02**	8.27E-03	1.63E-04	7.19E-03	2.51E-04	**1.59E-02**	4.42E-03	1.58E-04	5.03E-05	2.78E-04	**4.91E-03**	5.10E-03	1.92E-04	0.00E+00	3.91E-04	**5.68E-03**
558385.174160492	558385	4160493	WRKR_491	2.08E-02	1.22E-04	2.37E-02	2.38E-04	**4.48E-02**	9.25E-03	1.73E-04	8.13E-03	2.66E-04	**1.78E-02**	4.94E-03	1.67E-04	5.69E-05	2.95E-04	**5.46E-03**	5.70E-03	2.03E-04	0.00E+00	4.15E-04	**6.32E-03**
558385.174160502	558385	4160503	WRKR_492	2.33E-02	1.30E-04	2.69E-02	2.54E-04	**5.06E-02**	1.04E-02	1.84E-04	9.25E-03	2.84E-04	**2.01E-02**	5.55E-03	1.78E-04	6.47E-05	3.14E-04	**6.11E-03**	6.40E-03	2.16E-04	0.00E+00	4.43E-04	**7.06E-03**
558385.174160512	558385	4160513	WRKR_493	2.62E-02	1.39E-04	3.07E-02	2.73E-04	**5.74E-02**	1.17E-02	1.97E-04	1.06E-02	3.05E-04	**2.27E-02**	6.24E-03	1.90E-04	7.38E-05	3.38E-04	**6.84E-03**	7.20E-03	2.31E-04	0.00E+00	4.76E-04	**7.91E-03**
558385.174160522	558385	4160523	WRKR_494	2.96E-02	1.50E-04	3.51E-02	2.95E-04	**6.52E-02**	1.32E-02	2.12E-04	1.21E-02	3.30E-04	**2.58E-02**	7.04E-03	2.05E-04	8.44E-05	3.66E-04	**7.69E-03**	8.11E-03	2.49E-04	0.00E+00	5.15E-04	**8.88E-03**
558385.174160532	558385	4160533	WRKR_495	3.34E-02	1.63E-04	4.02E-02	3.23E-04	**7.41E-02**	1.49E-02	2.31E-04	1.38E-02	3.61E-04	**2.93E-02**	7.95E-03	2.23E-04	9.66E-05	4.01E-04	**8.67E-03**	9.16E-03	2.71E-04	0.00E+00	5.64E-04	**1.00E-02**
558395.174160362	558395	4160363	WRKR_496	6.62E-03	7.37E-05	7.35E-03	1.43E-04	**1.42E-02**	2.95E-03	1.05E-04	2.53E-03	1.59E-04	**5.74E-03**	1.57E-03	1.01E-04	1.77E-05	1.77E-04	**1.87E-03**	1.82E-03	1.23E-04	0.00E+00	2.49E-04	**2.19E-03**
558395.174160372	558395	4160373	WRKR_497	7.05E-03	7.64E-05	7.81E-03	1.48E-04	**1.51E-02**	3.14E-03	1.08E-04	2.68E-03	1.65E-04	**6.10E-03**	1.68E-03	1.05E-04	1.88E-05	1.83E-04	**1.98E-03**	1.93E-03	1.27E-04	0.00E+00	2.58E-04	**2.32E-03**
558395.174160382	558395	4160383	WRKR_498	7.54E-03	7.90E-05	8.32E-03	1.53E-04	**1.61E-02**	3.36E-03	1.12E-04	2.86E-03	1.71E-04	**6.50E-03**	1.79E-03	1.08E-04	2.00E-05	1.90E-04	**2.11E-03**	2.07E-03	1.32E-04	0.00E+00	2.67E-04	**2.47E-03**
558395.174160392	558395	4160393	WRKR_499	8.09E-03	8.18E-05	8.90E-03	1.59E-04	**1.72E-02**	3.60E-03	1.16E-04	3.06E-03	1.77E-04	**6.95E-03**	1.92E-03	1.12E-04	2.14E-05	1.96E-04	**2.25E-03**	2.22E-03	1.36E-04	0.00E+00	2.76E-04	**2.63E-03**
558395.174160402	558395	4160403	WRKR_500	8.71E-03	8.48E-05	9.55E-03	1.64E-04	**1.85E-02**	3.88E-03	1.20E-04	3.28E-03	1.84E-04	**7.46E-03**	2.07E-03	1.16E-04	2.30E-05	2.04E-04	**2.41E-03**	2.39E-03	1.41E-04	0.00E+00	2.87E-04	**2.82E-03**
558395.174160412	558395	4160413	WRKR_501	9.41E-03	8.80E-05	1.03E-02	1.71E-04	**2.00E-02**	4.19E-03	1.25E-04	3.54E-03	1.91E-04	**8.04E-03**	2.24E-03	1.21E-04	2.48E-05	2.11E-04	**2.60E-03**	2.58E-03	1.47E-04	0.00E+00	2.98E-04	**3.03E-03**
558395.174160422	558395	4160423	WRKR_502	1.02E-02	9.14E-05	1.12E-02	1.77E-04	**2.16E-02**	4.55E-03	1.30E-04	3.84E-03	1.98E-04	**8.71E-03**	2.43E-03	1.26E-04	2.68E-05	2.20E-04	**2.80E-03**	2.80E-03	1.52E-04	0.00E+00	3.09E-04	**3.26E-03**
558395.174160432	558395	4160433	WRKR_503	1.11E-02	9.52E-05	1.22E-02	1.85E-04	**2.36E-02**	4.95E-03	1.35E-04	4.18E-03	2.06E-04	**9.48E-03**	2.65E-03	1.31E-04	2.92E-05	2.29E-04	**3.04E-03**	3.05E-03	1.59E-04	0.00E+00	3.22E-04	**3.53E-03**
558395.174160442	558395	4160443	WRKR_504	1.22E-02	9.93E-05	1.33E-02	1.92E-04	**2.58E-02**	5.42E-03	1.41E-04	4.59E-03	2.15E-04	**1.04E-02**	2.90E-03	1.36E-04	3.21E-05	2.38E-04	**3.30E-03**	3.34E-03	1.65E-04	0.00E+00	3.36E-04	**3.84E-03**
558395.174160452	558395	4160453	WRKR_505	1.34E-02	1.04E-04	1.47E-02	2.01E-04	**2.84E-02**	5.96E-03	1.47E-04	5.06E-03	2.25E-04	**1.14E-02**	3.18E-03	1.42E-04	3.54E-05	2.49E-04	**3.61E-03**	3.67E-03	1.73E-04	0.00E+00	3.51E-04	**4.19E-03**
558395.174160462	558395	4160463	WRKR_506	1.48E-02	1.09E-04	1.64E-02	2.11E-04	**3.15E-02**	6.58E-03	1.54E-04	5.63E-03	2.36E-04	**1.26E-02**	3.51E-03	1.49E-04	3.94E-05	2.61E-04	**3.96E-03**	4.05E-03	1.81E-04	0.00E+00	3.68E-04	**4.60E-03**
558395.174160472	558395	4160473	WRKR_507	1.64E-02	1.14E-04	1.83E-02	2.22E-04	**3.50E-02**	7.29E-03	1.62E-04	6.29E-03	2.48E-04	**1.40E-02**	3.90E-03	1.57E-04	4.40E-05	2.75E-04	**4.37E-03**	4.49E-03	1.90E-04	0.00E+00	3.87E-04	**5.07E-03**
558395.174160482	558395	4160483	WRKR_508	1.82E-02	1.20E-04	2.06E-02	2.34E-04	**3.92E-02**	8.12E-03	1.70E-04	7.07E-03	2.61E-04	**1.56E-02**	4.34E-03	1.65E-04	4.95E-05	2.90E-04	**4.84E-03**	5.00E-03	2.00E-04	0.00E+00	4.08E-04	**5.61E-03**
558395.174160492	558395	4160493	WRKR_509	2.04E-02	1.27E-04	2.33E-02	2.48E-04	**4.40E-02**	9.07E-03	1.80E-04	7.99E-03	2.77E-04	**1.75E-02**	4.84E-03	1.75E-04	5.59E-05	3.07E-04	**5.38E-03**	5.59E-03	2.12E-04	0.00E+00	4.33E-04	**6.23E-03**
558395.174160502	558395	4160503	WRKR_510	2.28E-02	1.35E-04	2.64E-02	2.65E-04	**4.96E-02**	1.02E-02	1.92E-04	9.06E-03	2.96E-04	**1.97E-02**	5.42E-03	1.86E-04	6.34E-05	3.28E-04	**6.00E-03**	6.25E-03	2.26E-04	0.00E+00	4.62E-04	**6.94E-03**
558395.174160512	558395	4160513	WRKR_511	2.56E-02	1.45E-04	3.00E-02	2.85E-04	**5.60E-02**	1.14E-02	2.06E-04	1.03E-02	3.18E-04	**2.22E-02**	6.08E-03	1.99E-04	7.21E-05	3.53E-04	**6.70E-03**	7.01E-03	2.42E-04	0.00E+00	4.96E-04	**7.75E-03**
557513.484160678	557513	4160679	HOTEL_1	1.99E-03	5.57E-06	2.37E-03	1.05E-05	**4.38E-03**	8.84E-04	7.90E-06	8.16E-04	1.18E-05	**1.72E-03**	4.73E-04	7.65E-06	5.71E-06	1.31E-05	**4.99E-04**	5.45E-04	9.29E-06	0.00E+00	1.84E-05	**5.73E-04**
557513.484160688	557513	4160689	HOTEL_2	1.98E-03	5.58E-06	2.35E-03	1.05E-05	**4.35E-03**	8.82E-04	7.91E-06	8.08E-04	1.18E-05	**1.71E-03**	4.71E-04	7.65E-06	5.65E-06	1.31E-05	**4.97E-04**	5.43E-04	9.29E-06	0.00E+00	1.84E-05	**5.71E-04**
557513.484160698	557513	4160699	HOTEL_3	1.98E-03	5.58E-06	2.33E-03	1.05E-05	**4.32E-03**	8.79E-04	7.91E-06	8.00E-04	1.18E-05	**1.70E-03**	4.70E-04	7.66E-06	5.59E-06	1.31E-05	**4.96E-04**	5.42E-04	9.30E-06	0.00E+00	1.84E-05	**5.69E-04**
557513.484160708	557513	4160709	HOTEL_4	1.97E-03	5.59E-06	2.30E-03	1.06E-05	**4.29E-03**	8.77E-04	7.92E-06	7.91E-04	1.18E-05	**1.69E-03**	4.69E-04	7.67E-06	5.54E-06	1.31E-05	**4.95E-04**	5.41E-04	9.31E-06	0.00E+00	1.84E-05	**5.68E-04**
557513.484160718	557513	4160719	HOTEL_5	1.97E-03	5.59E-06	2.28E-03	1.06E-05	**4.27E-03**	8.77E-04	7.93E-06	7.84E-04	1.18E-05	**1.68E-03**	4.68E-04	7.67E-06	5.48E-06	1.31E-05	**4.95E-04**	5.40E-04	9.32E-06	0.00E+00	1.85E-05	**5.68E-04**
557513.484160728	557513	4160729	HOTEL_6	1.97E-03	5.60E-06	2.26E-03	1.06E-05	**4.24E-03**	8.76E-04	7.94E-06	7.77E-04	1.19E-05	**1.67E-03**	4.68E-04	7.68E-06	5.43E-06	1.31E-05	**4.94E-04**	5.40E-04	9.33E-06	0.00E+00	1.85E-05	**5.67E-04**
557523.484160678	557523	4160679	HOTEL_7	2.04E-03	5.66E-06	2.44E-03	1.07E-05	**4.49E-03**	9.08E-04	8.03E-06	8.37E-04	1.20E-05	**1.77E-03**	4.85E-04	7.77E-06	5.86E-06	1.33E-05	**5.12E-04**	5.59E-04	9.43E-06	0.00E+00	1.87E-05	**5.88E-04**
557523.484160688	557523	4160689	HOTEL_8	2.03E-03	5.66E-06	2.41E-03	1.07E-05	**4.46E-03**	9.05E-04	8.03E-06	8.29E-04	1.20E-05	**1.75E-03**	4.84E-04	7.77E-06	5.80E-06	1.33E-05	**5.10E-04**	5.58E-04	9.44E-06	0.00E+00	1.87E-05	**5.86E-04**
557523.484160698	557523	4160699	HOTEL_9	2.03E-03	5.67E-06	2.39E-03	1.07E-05	**4.43E-03**	9.03E-04	8.03E-06	8.21E-04	1.20E-05	**1.74E-03**	4.82E-04	7.78E-06	5.74E-06	1.33E-05	**5.09E-04**	5.56E-04	9.44E-06	0.00E+00	1.87E-05	**5.84E-04**
557523.484160708	557523	4160709	HOTEL_10	2.02E-03	5.67E-06	2.36E-03	1.07E-05	**4.40E-03**	9.01E-04	8.04E-06	8.12E-04	1.20E-05	**1.73E-03**	4.81E-04	7.78E-06	5.68E-06	1.33E-05	**5.08E-04**	5.55E-04	9.45E-06	0.00E+00	1.87E-05	**5.83E-04**
557523.484160718	557523	4160719	HOTEL_11	2.02E-03	5.68E-06	2.34E-03	1.07E-05	**4.38E-03**	9.00E-04	8.05E-06	8.05E-04	1.20E-05	**1.72E-03**	4.81E-04	7.79E-06	5.63E-06	1.33E-05	**5.08E-04**	5.54E-04	9.46E-06	0.00E+00	1.87E-05	**5.83E-04**
557523.484160728	557523	4160729	HOTEL_12	2.02E-03	5.68

Annual PM2.5

				AG	AH	AL	AJ	E	G	F	H						E	G	F	H	
				Year 1 Project Concentrations (μg/m³)									**Year 2 Project Concentrations (μg/m³)**								
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**
557533.484160698	557533	4160699	HOTEL_15	2.09E-03	5.76E-06	2.46E-03	1.09E-05	**4.56E-03**	9.29E-04	8.17E-06	8.44E-04	1.22E-05	**1.79E-03**	4.96E-04	7.90E-06	5.91E-06	1.35E-05	**5.24E-04**	5.72E-04	9.60E-06	0.00E+00	1.90E-05	**6.01E-04**
557533.484160708	557533	4160709	HOTEL_16	2.08E-03	5.76E-06	2.43E-03	1.09E-05	**4.53E-03**	9.27E-04	8.17E-06	8.35E-04	1.22E-05	**1.78E-03**	4.95E-04	7.91E-06	5.84E-06	1.35E-05	**5.22E-04**	5.71E-04	9.60E-06	0.00E+00	1.90E-05	**6.00E-04**
557533.484160718	557533	4160719	HOTEL_17	2.08E-03	5.77E-06	2.41E-03	1.09E-05	**4.50E-03**	9.26E-04	8.18E-06	8.28E-04	1.22E-05	**1.77E-03**	4.95E-04	7.92E-06	5.79E-06	1.35E-05	**5.22E-04**	5.70E-04	9.61E-06	0.00E+00	1.91E-05	**5.99E-04**
557533.484160728	557533	4160729	HOTEL_18	2.08E-03	5.78E-06	2.39E-03	1.10E-05	**4.48E-03**	9.25E-04	8.19E-06	8.21E-04	1.22E-05	**1.77E-03**	4.94E-04	7.93E-06	5.74E-06	1.36E-05	**5.22E-04**	5.70E-04	9.62E-06	0.00E+00	1.91E-05	**5.99E-04**
557543.484160678	557543	4160679	HOTEL_19	2.16E-03	5.85E-06	2.58E-03	1.11E-05	**4.75E-03**	9.61E-04	8.29E-06	8.85E-04	1.24E-05	**1.87E-03**	5.13E-04	8.02E-06	6.19E-06	1.37E-05	**5.41E-04**	5.92E-04	9.74E-06	0.00E+00	1.93E-05	**6.21E-04**
557543.484160688	557543	4160689	HOTEL_20	2.15E-03	5.85E-06	2.55E-03	1.11E-05	**4.72E-03**	9.58E-04	8.29E-06	8.77E-04	1.24E-05	**1.86E-03**	5.12E-04	8.03E-06	6.13E-06	1.37E-05	**5.40E-04**	5.90E-04	9.74E-06	0.00E+00	1.93E-05	**6.19E-04**
557543.484160698	557543	4160699	HOTEL_21	2.15E-03	5.85E-06	2.53E-03	1.11E-05	**4.69E-03**	9.55E-04	8.30E-06	8.68E-04	1.24E-05	**1.84E-03**	5.10E-04	8.03E-06	6.07E-06	1.37E-05	**5.38E-04**	5.88E-04	9.75E-06	0.00E+00	1.93E-05	**6.17E-04**
557543.484160708	557543	4160709	HOTEL_22	2.14E-03	5.86E-06	2.50E-03	1.11E-05	**4.66E-03**	9.54E-04	8.30E-06	8.60E-04	1.24E-05	**1.83E-03**	5.10E-04	8.04E-06	6.01E-06	1.37E-05	**5.37E-04**	5.88E-04	9.76E-06	0.00E+00	1.93E-05	**6.17E-04**
557543.484160718	557543	4160719	HOTEL_23	2.14E-03	5.86E-06	2.48E-03	1.11E-05	**4.63E-03**	9.52E-04	8.31E-06	8.51E-04	1.24E-05	**1.82E-03**	5.09E-04	8.05E-06	5.95E-06	1.38E-05	**5.36E-04**	5.87E-04	9.77E-06	0.00E+00	1.94E-05	**6.16E-04**
557543.484160728	557543	4160729	HOTEL_24	2.14E-03	5.87E-06	2.46E-03	1.11E-05	**4.61E-03**	9.52E-04	8.32E-06	8.44E-04	1.24E-05	**1.82E-03**	5.09E-04	8.06E-06	5.91E-06	1.38E-05	**5.36E-04**	5.87E-04	9.78E-06	0.00E+00	1.94E-05	**6.16E-04**
557553.484160678	557553	4160679	HOTEL_25	2.23E-03	5.95E-06	2.66E-03	1.13E-05	**4.91E-03**	9.93E-04	8.44E-06	9.15E-04	1.26E-05	**1.93E-03**	5.30E-04	8.17E-06	6.40E-06	1.39E-05	**5.59E-04**	6.12E-04	9.92E-06	0.00E+00	1.96E-05	**6.41E-04**
557553.484160688	557553	4160689	HOTEL_26	2.22E-03	5.95E-06	2.63E-03	1.13E-05	**4.87E-03**	9.89E-04	8.44E-06	9.05E-04	1.26E-05	**1.92E-03**	5.28E-04	8.17E-06	6.33E-06	1.39E-05	**5.57E-04**	6.09E-04	9.92E-06	0.00E+00	1.96E-05	**6.39E-04**
557553.484160698	557553	4160699	HOTEL_27	2.22E-03	5.96E-06	2.61E-03	1.13E-05	**4.84E-03**	9.87E-04	8.45E-06	8.97E-04	1.26E-05	**1.90E-03**	5.27E-04	8.18E-06	6.27E-06	1.40E-05	**5.56E-04**	6.08E-04	9.93E-06	0.00E+00	1.97E-05	**6.38E-04**
557553.484160708	557553	4160709	HOTEL_28	2.21E-03	5.96E-06	2.58E-03	1.13E-05	**4.81E-03**	9.85E-04	8.45E-06	8.88E-04	1.26E-05	**1.89E-03**	5.26E-04	8.18E-06	6.21E-06	1.40E-05	**5.55E-04**	6.07E-04	9.93E-06	0.00E+00	1.97E-05	**6.37E-04**
557553.484160718	557553	4160719	HOTEL_29	2.21E-03	5.97E-06	2.56E-03	1.13E-05	**4.78E-03**	9.83E-04	8.46E-06	8.79E-04	1.26E-05	**1.88E-03**	5.25E-04	8.19E-06	6.15E-06	1.40E-05	**5.54E-04**	6.06E-04	9.94E-06	0.00E+00	1.97E-05	**6.35E-04**
557553.484160728	557553	4160729	HOTEL_30	2.21E-03	5.97E-06	2.54E-03	1.13E-05	**4.76E-03**	9.82E-04	8.47E-06	8.71E-04	1.27E-05	**1.87E-03**	5.25E-04	8.20E-06	6.10E-06	1.40E-05	**5.53E-04**	6.05E-04	9.95E-06	0.00E+00	1.98E-05	**6.35E-04**
557563.484160678	557563	4160679	HOTEL_31	2.31E-03	6.06E-06	2.75E-03	1.15E-05	**5.07E-03**	1.03E-03	8.59E-06	9.45E-04	1.28E-05	**1.99E-03**	5.48E-04	8.32E-06	6.61E-06	1.42E-05	**5.77E-04**	6.32E-04	1.01E-05	0.00E+00	2.00E-05	**6.62E-04**
557563.484160688	557563	4160689	HOTEL_32	2.29E-03	6.06E-06	2.72E-03	1.15E-05	**5.03E-03**	1.02E-03	8.59E-06	9.35E-04	1.28E-05	**1.98E-03**	5.46E-04	8.31E-06	6.54E-06	1.42E-05	**5.75E-04**	6.29E-04	1.01E-05	0.00E+00	2.00E-05	**6.59E-04**
557563.484160698	557563	4160699	HOTEL_33	2.29E-03	6.06E-06	2.69E-03	1.15E-05	**5.00E-03**	1.02E-03	8.59E-06	9.25E-04	1.28E-05	**1.96E-03**	5.44E-04	8.32E-06	6.47E-06	1.42E-05	**5.73E-04**	6.27E-04	1.01E-05	0.00E+00	2.00E-05	**6.57E-04**
557563.484160708	557563	4160709	HOTEL_34	2.28E-03	6.06E-06	2.66E-03	1.15E-05	**4.96E-03**	1.02E-03	8.60E-06	9.15E-04	1.28E-05	**1.95E-03**	5.42E-04	8.32E-06	6.40E-06	1.42E-05	**5.71E-04**	6.26E-04	1.01E-05	0.00E+00	2.00E-05	**6.56E-04**
557563.484160718	557563	4160719	HOTEL_35	2.28E-03	6.07E-06	2.64E-03	1.15E-05	**4.93E-03**	1.01E-03	8.60E-06	9.06E-04	1.29E-05	**1.94E-03**	5.41E-04	8.33E-06	6.34E-06	1.42E-05	**5.70E-04**	6.24E-04	1.01E-05	0.00E+00	2.01E-05	**6.54E-04**
557563.484160728	557563	4160729	HOTEL_36	2.28E-03	6.07E-06	2.62E-03	1.15E-05	**4.91E-03**	1.01E-03	8.61E-06	8.99E-04	1.29E-05	**1.93E-03**	5.41E-04	8.33E-06	6.29E-06	1.43E-05	**5.70E-04**	6.24E-04	1.01E-05	0.00E+00	2.01E-05	**6.54E-04**
557573.484160678	557573	4160679	HOTEL_37	2.37E-03	6.16E-06	2.83E-03	1.16E-05	**5.22E-03**	1.05E-03	8.73E-06	9.72E-04	1.30E-05	**2.05E-03**	5.64E-04	8.45E-06	6.80E-06	1.44E-05	**5.93E-04**	6.50E-04	1.03E-05	0.00E+00	2.03E-05	**6.81E-04**
557573.484160688	557573	4160689	HOTEL_38	2.36E-03	6.16E-06	2.80E-03	1.17E-05	**5.19E-03**	1.05E-03	8.73E-06	9.63E-04	1.30E-05	**2.04E-03**	5.62E-04	8.45E-06	6.74E-06	1.44E-05	**5.92E-04**	6.49E-04	1.03E-05	0.00E+00	2.03E-05	**6.79E-04**
557573.484160698	557573	4160699	HOTEL_39	2.36E-03	6.16E-06	2.77E-03	1.17E-05	**5.15E-03**	1.05E-03	8.74E-06	9.53E-04	1.30E-05	**2.02E-03**	5.61E-04	8.46E-06	6.67E-06	1.45E-05	**5.90E-04**	6.47E-04	1.03E-05	0.00E+00	2.03E-05	**6.77E-04**
557573.484160708	557573	4160709	HOTEL_40	2.35E-03	6.17E-06	2.75E-03	1.17E-05	**5.12E-03**	1.05E-03	8.74E-06	9.44E-04	1.31E-05	**2.01E-03**	5.59E-04	8.46E-06	6.60E-06	1.45E-05	**5.89E-04**	6.45E-04	1.03E-05	0.00E+00	2.04E-05	**6.76E-04**
557573.484160718	557573	4160719	HOTEL_41	2.35E-03	6.17E-06	2.72E-03	1.17E-05	**5.08E-03**	1.04E-03	8.75E-06	9.34E-04	1.31E-05	**2.00E-03**	5.58E-04	8.47E-06	6.53E-06	1.45E-05	**5.88E-04**	6.44E-04	1.03E-05	0.00E+00	2.04E-05	**6.74E-04**
557573.484160728	557573	4160729	HOTEL_42	2.35E-03	6.18E-06	2.70E-03	1.17E-05	**5.06E-03**	1.04E-03	8.76E-06	9.27E-04	1.31E-05	**1.99E-03**	5.58E-04	8.48E-06	6.48E-06	1.45E-05	**5.88E-04**	6.43E-04	1.03E-05	0.00E+00	2.05E-05	**6.74E-04**
557583.484160678	557583	4160679	HOTEL_43	2.44E-03	6.26E-06	2.91E-03	1.18E-05	**5.37E-03**	1.09E-03	8.87E-06	1.00E-03	1.32E-05	**2.11E-03**	5.81E-04	8.59E-06	7.00E-06	1.47E-05	**6.11E-04**	6.70E-04	1.04E-05	0.00E+00	2.07E-05	**7.01E-04**
557583.484160688	557583	4160689	HOTEL_44	2.43E-03	6.26E-06	2.88E-03	1.18E-05	**5.34E-03**	1.08E-03	8.88E-06	9.91E-04	1.32E-05	**2.10E-03**	5.79E-04	8.59E-06	6.93E-06	1.47E-05	**6.09E-04**	6.67E-04	1.04E-05	0.00E+00	2.07E-05	**6.99E-04**
557583.484160698	557583	4160699	HOTEL_45	2.43E-03	6.27E-06	2.86E-03	1.19E-05	**5.30E-03**	1.08E-03	8.88E-06	9.82E-04	1.33E-05	**2.09E-03**	5.78E-04	8.60E-06	6.87E-06	1.47E-05	**6.08E-04**	6.66E-04	1.04E-05	0.00E+00	2.07E-05	**6.97E-04**
557583.484160708	557583	4160709	HOTEL_46	2.43E-03	6.27E-06	2.84E-03	1.19E-05	**5.28E-03**	1.08E-03	8.90E-06	9.74E-04	1.33E-05	**2.08E-03**	5.78E-04	8.61E-06	6.81E-06	1.47E-05	**6.08E-04**	6.66E-04	1.05E-05	0.00E+00	2.07E-05	**6.97E-04**
557583.484160718	557583	4160719	HOTEL_47	2.42E-03	6.28E-06	2.81E-03	1.19E-05	**5.24E-03**	1.08E-03	8.90E-06	9.64E-04	1.33E-05	**2.06E-03**	5.76E-04	8.61E-06	6.74E-06	1.48E-05	**6.06E-04**	6.64E-04	1.05E-05	0.00E+00	2.08E-05	**6.95E-04**
557583.484160728	557583	4160729	HOTEL_48	2.42E-03	6.28E-06	2.78E-03	1.19E-05	**5.22E-03**	1.08E-03	8.91E-06	9.56E-04	1.33E-05	**2.05E-03**	5.75E-04	8.62E-06	6.69E-06	1.48E-05	**6.05E-04**	6.63E-04	1.05E-05	0.00E+00	2.08E-05	**6.95E-04**
557593.484160678	557593	4160679	HOTEL_49	2.52E-03	6.37E-06	3.01E-03	1.21E-05	**5.55E-03**	1.12E-03	9.03E-06	1.03E-03	1.35E-05	**2.18E-03**	5.99E-04	8.74E-06	7.23E-06	1.49E-05	**6.30E-04**	6.91E-04	1.06E-05	0.00E+00	2.10E-05	**7.23E-04**
557593.484160688	557593	4160689	HOTEL_50	2.51E-03	6.37E-06	2.98E-03	1.21E-05	**5.51E-03**	1.12E-03	9.03E-06	1.02E-03	1.35E-05	**2.17E-03**	5.98E-04	8.75E-06	7.16E-06	1.49E-05	**6.29E-04**	6.90E-04	1.06E-05	0.00E+00	2.10E-05	**7.21E-04**
557593.484160698	557593	4160699	HOTEL_51	2.51E-03	6.38E-06	2.95E-03	1.21E-05	**5.48E-03**	1.12E-03	9.04E-06	1.01E-03	1.35E-05	**2.15E-03**	5.96E-04	8.75E-06	7.09E-06	1.50E-05	**6.27E-04**	6.88E-04	1.06E-05	0.00E+00	2.11E-05	**7.19E-04**
557593.484160708	557593	4160709	HOTEL_52	2.50E-03	6.38E-06	2.92E-03	1.21E-05	**5.45E-03**	1.11E-03	9.05E-06	1.00E-03	1.35E-05	**2.14E-03**	5.95E-04	8.76E-06	7.03E-06	1.50E-05	**6.26E-04**	6.87E-04	1.06E-05	0.00E+00	2.11E-05	**7.18E-04**
557593.484160718	557593	4160719	HOTEL_53	2.50E-03	6.38E-06	2.90E-03	1.21E-05	**5.41E-03**	1.11E-03	9.05E-06	9.95E-04	1.36E-05	**2.13E-03**	5.94E-04	8.76E-06	6.96E-06	1.50E-05	**6.25E-04**	6.85E-04	1.06E-05	0.00E+00	2.11E-05	**7.17E-04**
557593.484160728	557593	4160729	HOTEL_54	2.50E-03	6.39E-06	2.87E-03	1.22E-05	**5.39E-03**	1.11E-03	9.06E-06	9.87E-04	1.36E-05	**2.12E-03**	5.94E-04	8.77E-06	6.91E-06	1.51E-05	**6.25E-04**	6.85E-04	1.06E-05	0.00E+00	2.12E-05	**7.17E-04**
557603.484160678	557603	4160679	HOTEL_55	2.60E-03	6.48E-06	3.10E-03	1.23E-05	**5.73E-03**	1.16E-03	9.19E-06	1.07E-03	1.37E-05	**2.25E-03**	6.19E-04	8.90E-06	7.46E-06	1.52E-05	**6.51E-04**	7.14E-04	1.08E-05	0.00E+00	2.14E-05	**7.46E-04**
557603.484160688	557603	4160689	HOTEL_56	2.60E-03	6.49E-06	3.08E-03	1.23E-05	**5.70E-03**	1.16E-03	9.20E-06	1.06E-03	1.37E-05	**2.24E-03**	6.18E-04	8.90E-06	7.40E-06	1.52E-05	**6.50E-04**	7.13E-04	1.08E-05	0.00E+00	2.14E-05	**7.45E-04**
557603.484160698	557603	4160699	HOTEL_57	2.59E-03	6.49E-06	3.05E-03	1.23E-05	**5.66E-03**	1.15E-03	9.20E-06	1.05E-03	1.38E-05	**2.22E-03**	6.16E-04	8.91E-06	7.33E-06	1.52E-05	**6.48E-04**	7.11E-04	1.08E-05	0.00E+00	2.15E-05	**7.43E-04**
557603.484160708	557603	4160709	HOTEL_58	2.59E-03	6.49E-06	3.02E-03	1.23E-05	**5.62E-03**	1.15E-03	9.21E-06	1.04E-03	1.38E-05	**2.21E-03**	6.15E-04	8.91E-06	7.26E-06	1.53E-05	**6.46E-04**	7.09E-04	1.08E-05	0.00E+00	2.15E-05	**7.41E-04**
557603.484160718	557603	4160719	HOTEL_59	2.58E-03	6.50E-06	3.00E-03	1.24E-05	**5.60E-03**	1.15E-03	9.22E-06	1.03E-03	1.38E-05	**2.20E-03**	6.15E-04	8.92E-06	7.20E-06	1.53E-05	**6.46E-04**	7.09E-04	1.08E-05	0.00E+00	2.15E-05	**7.41E-04**
557613.484160678	557613	4160679	HOTEL_60	2.70E-03	6.61E-06	3.22E-03	1.25E-05	**5.94E-03**	1.20E-03	9.37E-06	1.11E-03	1.40E-05	**2.33E-03**	6.42E-04	9.07E-06	7.74E-06	1.55E-05	**6.75E-04**	7.41E-04	1.10E-05	0.00E+00	2.18E-05	**7.74E-04**
557613.484160688	557613	4160689	HOTEL_61	2.69E-03	6.61E-06	3.19E-03	1.25E-05	**5.90E-03**	1.20E-03	9.37E-06	1.09E-03	1.40E-05	**2.32E-03**	6.40E-04	9.07E-06	7.66E-06	1.55E-05	**6.72E-04**	7.38E-04	1.10E-05	0.00E+00	2.18E-05	**7.71E-04**
557613.484160698	557613	4160699	HOTEL_62	2.68E-03	6.61E-06	3.15E-03	1.25E-05	**5.85E-03**	1.19E-03	9.37E-06	1.08E-03	1.40E-05	**2.30E-03**	6.38E-04	9.07E-06	7.58E-06	1.55E-05	**6.70E-04**	7.35E-04	1.10E-05	0.00E+00	2.19E-05	**7.68E-04**
557613.484160708	557613	4160709	HOTEL_63	2.68E-03	6.61E-06	3.12E-03	1.26E-05	**5.82E-03**	1.19E-03	9.38E-06	1.07E-03	1.40E-05	**2.29E-03**	6.37E-04	9.08E-06	7.51E-06	1.56E-05	**6.69E-04**	7.34E-04	1.10E-05	0.00E+00	2.19E-05	**7.67E-04**
557623.484160688	557623	4160689	HOTEL_64	2.78E-03	6.73E-06	3.30E-03	1.28E-05	**6.10E-03**	1.24E-03	9.54E-06	1.13E-03	1.43E-05	**2.40E-03**	6.62E-04	9.23E-06	7.92E-06	1.58E-05	**6.95E-04**	7.63E-04	1.12E-05	0.00E+00	2.23E-05	**7.97E-04**
557623.484160698	557623	4160699	HOTEL_65	2.77E-03	6.73E-06	3.26E-03	1.28E-05	**6.05E-03**	1.23E-03	9.54E-06	1.12E-03	1.43E-05	**2.38E-03**	6.60E-04	9.23E-06	7.84E-06	1.58E-05	**6.92E-04**	7.61E-04	1.12E-05	0.00E+00	2.23E-05	**7.94E-04**
557623.484160708	557623	4160709	HOTEL_66	2.77E-03	6.74E-06	3.24E-03	1.28E-05	**6.03E-03**	1.23E-03	9.55E-06	1.11E-03	1.43E-05	**2.37E-03**	6.59E-04	9.24E-06	7.78E-06	1.59E-05	**6.92E-04**	7.60E-04	1.12E-05	0.00E+00	2.23E-05	**7.94E-04**
558477.664160568	558478	4160569	WRKR_512	3.59E-02	3.77E-04	4.53E-02	7.91E-04	**8.24E-02**	1.60E-02	5.34E-04	1.56E-02	8.84E-04	**3.30E-02**	8.54E-03	5.17E-04	1.09E-04	9.80E-04	**1.01E-02**	9.85E-03	6.28E-04	0.00E+00	1.38E-03	**1.19E-02**
558477.664160578	558478	4160579	WRKR_513	3.94E-02	4.36E-04	5.01E-02	9.37E-04	**9.09E-02**	1.75E-02	6.18E-04	1.72E-02	1.05E-03	**3.64E-02**	9.38E-03	5.99E-04	1.20E-04	1.16E-03	**1.13E-02**	1.08E-02	7.27E-04	0.00E+00	1.63E-03	**1.32E-02**
558477.664160588	558478	4160589	WRKR_514	4.33E-02	5.15E-04	5.55E-02	1.15E-03	**1.00E-01**	1.93E-02	7.31E-04	1.91E-02	1.28E-03	**4.03E-02**	1.03E-02	7.07E-04	1.33E-04	1.42E-03	**1.26E-02**	1.19E-02	8.59E-04	0.00E+00	2.00E-03	**1.47E-02**
558477.664160598	558478	4160599	WRKR_515	4.74E-02	6.26E-04	6.15E-02	1.48E-03	**1.11E-01**	2.11E-02	8.87E-04	2.11E-02	1.65E-03	**4.48E-02**	1.13E-02	8.59E-04	1.48E-04	1.83E-03	**1.41E-02**	1.30E-02	1.04E-03	0.00E+00	2.58E-03	**1.66E-02**
558487.664160568	558488	4160569	WRKR_516	3.42E-02	3.92E-04	4.33E-02	8.24E-04	**7.87E-02**	1.52E-02	5.56E-04	1.49E-02	9.21E-04	**3.16E-02**	8.13E-03	5.38E-04	1.04E-04	1.02E-03	**9.79E-03**	9.38E-03	6.53E-04	0.00E+00	1.44E-03	**1.15E-02**
558487.664160578	558488	4160579	WRKR_517	3.73E-02	4.47E-04	4.76E-02	9.60E-04	**8.63E-02**	1.66E-02	6.33E-04	1.64E-02	1.07E-03	**3.47E-02**	8.86E-03	6.13E-04	1.14E-04	1.19E-03	**1.08E-02**	1.02E-02	7.45E-04	0.00E+00	1.67E-03	**1.26E-02**
558487.664160588	558488	4160589	WRKR_518	4.05E-02	5.17E-04	5.24E-02	1.15E-03	**9.45E-02**	1.80E-02	7.33E-04	1.80E-02	1.28E-03	**3.80E-02**	9.64E-03	7.10E-04	1.26E-04	1.42E-03	**1.19E-02**	1.11E-02	8.62E-04	0.00E+00	2.00E-03	**1.40E-02**
558487.664160598	558488	4160599	WRKR_519	4.40E-02	6.15E-04	5.75E-02	1.42E-03	**1.04E-01**	1.96E-02	8.72E-04	1.98E-02	1.59E-03	**4.18E-02**	1.05E-02	8.44E-04	1.38E-04	1.76E-03	**1.32E-02**	1.21E-02	1.03E-03	0.00E+00	2.48E-03	**1.56E-02**
558497.664160568	558498	4160569	WRKR_520	3.30E-02	4.15E-04	4.20E-02	8.79E-04	**7.62E-02**	1.47E-02	5.88E-04	1.44E-02	9.83E-04	**3.07E-02**	7.85E-03	5.70E-04	1.01E-04	1.09E-03	**9.61E-03**	9.05E-03	6.92E-04	0.00E+00	1.53E-03	**1.13E-02**
558497.664160578	558498	4160579	WRKR_521	3.58E-02	4.68E-04	4.59E-02	1.01E-03	**8.31E-02**	1.59E-02	6.63E-04	1.58E-02	1.13E-03	**3.35E-02**	8.50E-03	6.42E-04	1.10E-04	1.25E-03	**1.05E-02**	9.81E-03	7.79E-04	0.00E+00	1.77E-03	**1.24E-02**
558497.664160588	558498	4160589	WRKR_522	3.87E-02	5.38E-04	5.02E-02	1.20E-03	**9.06E-02**	1.72E-02	7.63E-04	1.72E-02	1.34E-03	**3.66E-02**	9.21E-03	7.38E-04	1.21E-04	1.48E-03	**1.15E-02**	1.06E-02	8.97E-04	0.00E+00	2.09E-03	**1.36E-02**
558497.664160598	558498	4160599	WRKR_523	4.17E-02	6.35E-04	5.47E-02	1.46E-03	**9.85E-02**	1.86E-02	9.00E-04	1.88E-02	1.63E-03	**3.99E-02**	9.93E-03	8.71E-04	1.31E-04	1.81E-03	**1.27E-02**	1.14E-02	1.06E-03	0.00E+00	2.55E-03	**1.51E-02**
558507.664160568	558508	4160569	WRKR_524	3.20E-02	4.53E-04	4.09E-02	9.73E-04	**7.44E-02**	1.43E-02	6.42E-04	1.40E-02	1.09E-03	**3.00E-02**	7.62E-03	6.22E-04	9.83E-05	1.21E-03	**9.55E-03**	8.79E-03	7.55E-04	0.00E+00	1.70E-03	**1.12E-02**
558507.664160578	558508	4160579	WRKR_525	3.45E-02	5.04E-04	4.44E-02	1.11E-03	**8.05E-02**	1.54E-02	7.15E-04	1.53E-02	1.24E-03	**3.26E-02**	8.20E-03	6.92E-04	1.07E-04	1.37E-03	**1.04E-02**	9.46E-03	8.40E-04	0.00E+00	1.93E-03	**1.22E-02**
558507.664160588	558508	4160589	WRKR_526	3.72E-02	5.81E-04	4.83E-02	1.32E-03	**8.74E-02**	1.66E-02	8.24E-04	1.66E-02	1.47E-03	**3.55E-02**	8.85E-03	7.98E-04	1.16E-04	1.63E-03	**1.14E-02**	1.02E-02	9.69E-04	0.00E+00	2.29E-03	**1.35E-02**
558507.664160598	558508	4160599	WRKR_527	3.99E-02	6.86E-04	5.23E-02	1.61E-03	**9.44E-02**	1.78E-02	9.73E-04	1.80E-02	1.80E-03	**3.85E-02**	9.49E-03	9.42E-04	1.26E-04	1.99E-03	**1.25E-02**	1.09E-02	1.14E-03	0.00E+00	2.81E-03	**1.49E-02**
558517.664160568	558518	4160569	WRKR_528	3.10E-02	4.97E-04	3.97E-02	1.09E-03	**7.23E-02**	1.38E-02	7.05E-04	1.36E-02	1.22E-03	**2.94E-02**	7.37E-03	6.83E-04	9.54E-05	1.35E-03	**9.50E-03**	8.50E-03	8.29E-04	0.00E+00	1.90E-03	**1.12E-02**
558517.664160578	558518	4160579	WRKR_529	3.32E-02	5.53E-04	4.29E-02	1.24E-03	**7.80E-02**	1.48E-02	7.84E-04	1.47E-02	1.39E-03	**3.17E-02**	7.90E-03	7.59E-04	1.03E-04	1.54E-03	**1.03E-02**	9.11E-03	9.21E-04	0.00E+00	2.17E-03	**1.22E-02**
558517.664160588	558518	4160589	WRKR_530	3.56E-02	6.31E-04	4.63E-02	1.46E-03	**8.40E-02**	1.58E-02	8.95E-04	1.59E-02	1.63E-03	**3.43E-02**	8.46E-03	8.66E-04	1.11E-04	1.81E-03	**1.12E-02**	9.75E-03	1.05E-03	0.00E+00	2.55E-03	**1.34E-02**
558517.664160598	558518	4160599	WRKR_531	3.79E-02	7.48E-04	4.97E-02	1.80E-03	**9.02E-02**	1.69E-02	1.06E-03	1.71E-02	2.01E-03	**3.70E-02**	9.02E-03	1.03E-03	1.20E-04	2.23E-03	**1.24E-02**	1.04E-02	1.25E-03	0.00E+00	3.13E-03	**1.48E-02**
558527.664160568	558528	4160569	WRKR_532	2.99E-02	5.53E-04	3.84E-02	1.25E-03	**7.01E-02**	1.33E-02	7.83E-04	1.32E-02	1.40E-03	**2.87E-02**	7.11E-03	7.58E-04	9.23E-05	1.55E-03	**9.51E-03**	8.20E-03	9.21E-04	0.00E+00	2.18E-03	**1.13E-02**
558527.664160578	558528	4160579	WRKR_533	3.19E-02	6.15E-04	4.14E-02	1.43E-03	**7.53E-02**	1.42E-02	8.72E-04	1.42E-02	1.60E-03	**3.09E-02**	7.59E-03	8.44E-04	9.94E-05	1.78E-03	**1.03E-02**	8.75E-03	1.03E-03	0.00E+00	2.50E

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				AG	AH	AL	AJ	E AG	G AH	F AL	H AJ		E	G	F	H	
				Year 1 Project Concentrations (μg/m³)				**Year 2 Project Concentrations (μg/m³)**					**Year 3 Project Concentrations (μg/m³)**					**Year 4 Project Concentrations (μg/m³)**				
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**
558537.664160578	558538	4160579	WRKR_537	3.06E-02	7.01E-04	3.98E-02	1.73E-03	**7.28E-02**	1.36E-02	9.94E-04	1.37E-02	1.93E-03	**3.02E-02**	7.28E-03	9.62E-04	9.56E-05	2.14E-03	**1.05E-02**	8.40E-03	1.17E-03	0.00E+00	3.01E-03	**1.26E-02**
558537.664160588	558538	4160589	WRKR_538	3.24E-02	5.91E-04	4.23E-02	2.05E-03	**7.74E-02**	1.44E-02	8.38E-04	1.45E-02	2.30E-03	**3.21E-02**	7.70E-03	8.11E-04	1.02E-04	2.54E-03	**1.12E-02**	8.88E-03	9.85E-04	0.00E+00	3.58E-03	**1.35E-02**
558537.664160598	558538	4160599	WRKR_539	3.41E-02	6.59E-04	4.47E-02	1.61E-03	**8.10E-02**	1.52E-02	9.35E-04	1.54E-02	1.80E-03	**3.33E-02**	8.10E-03	9.05E-04	1.07E-04	1.99E-03	**1.11E-02**	9.34E-03	1.10E-03	0.00E+00	2.80E-03	**1.32E-02**
558547.664160568	558548	4160569	WRKR_540	2.78E-02	7.40E-04	3.59E-02	1.86E-03	**6.63E-02**	1.24E-02	1.05E-03	1.23E-02	2.08E-03	**2.78E-02**	6.60E-03	1.02E-03	8.63E-05	2.31E-03	**1.00E-02**	7.61E-03	1.23E-03	0.00E+00	3.25E-03	**1.21E-02**
558547.664160578	558548	4160579	WRKR_541	2.93E-02	5.84E-04	3.82E-02	1.40E-03	**6.95E-02**	1.31E-02	8.28E-04	1.31E-02	1.56E-03	**2.86E-02**	6.98E-03	8.02E-04	9.18E-05	1.73E-03	**9.61E-03**	8.05E-03	9.73E-04	0.00E+00	2.44E-03	**1.15E-02**
558547.664160588	558548	4160589	WRKR_542	3.08E-02	4.39E-04	4.03E-02	9.82E-04	**7.26E-02**	1.37E-02	6.22E-04	1.39E-02	1.10E-03	**2.93E-02**	7.33E-03	6.02E-04	9.69E-05	1.22E-03	**9.25E-03**	8.46E-03	7.31E-04	0.00E+00	1.71E-03	**1.09E-02**
558557.664160568	558558	4160569	WRKR_543	2.67E-02	4.16E-04	3.47E-02	9.39E-04	**6.28E-02**	1.19E-02	5.90E-04	1.19E-02	1.05E-03	**2.55E-02**	6.36E-03	5.71E-04	8.34E-05	1.16E-03	**8.18E-03**	7.33E-03	6.93E-04	0.00E+00	1.64E-03	**9.66E-03**
558600.644160569	558601	4160569	WRKR_544	2.26E-02	5.37E-04	2.97E-02	1.31E-03	**5.41E-02**	1.00E-02	7.61E-04	1.02E-02	1.47E-03	**2.25E-02**	5.37E-03	7.37E-04	7.13E-05	1.63E-03	**7.80E-03**	6.19E-03	8.95E-04	0.00E+00	2.29E-03	**9.38E-03**
558600.644160579	558601	4160579	WRKR_545	2.33E-02	5.48E-04	3.07E-02	1.35E-03	**5.59E-02**	1.04E-02	7.77E-04	1.05E-02	1.51E-03	**2.32E-02**	5.54E-03	7.52E-04	7.37E-05	1.67E-03	**8.04E-03**	6.39E-03	9.14E-04	0.00E+00	2.35E-03	**9.65E-03**
558600.644160589	558601	4160589	WRKR_546	2.39E-02	6.59E-04	3.15E-02	1.69E-03	**5.78E-02**	1.07E-02	9.34E-04	1.08E-02	1.89E-03	**2.43E-02**	5.69E-03	9.05E-04	7.57E-05	2.10E-03	**8.77E-03**	6.56E-03	1.10E-03	0.00E+00	2.95E-03	**1.06E-02**
558600.644160599	558601	4160599	WRKR_547	2.45E-02	5.97E-04	3.21E-02	1.47E-03	**5.87E-02**	1.09E-02	8.47E-04	1.10E-02	1.65E-03	**2.44E-02**	5.82E-03	8.20E-04	7.73E-05	1.82E-03	**8.54E-03**	6.71E-03	9.96E-04	0.00E+00	2.57E-03	**1.03E-02**
558610.644160569	558611	4160569	WRKR_548	2.16E-02	6.46E-04	2.84E-02	1.63E-03	**5.22E-02**	9.61E-03	9.16E-04	9.75E-03	1.82E-03	**2.21E-02**	5.13E-03	8.87E-04	6.82E-05	2.02E-03	**8.11E-03**	5.92E-03	1.08E-03	0.00E+00	2.84E-03	**9.84E-03**
558610.644160579	558611	4160579	WRKR_549	2.22E-02	5.97E-04	2.92E-02	1.45E-03	**5.35E-02**	9.88E-03	8.47E-04	1.00E-02	1.62E-03	**2.24E-02**	5.28E-03	8.20E-04	7.02E-05	1.80E-03	**7.97E-03**	6.09E-03	9.95E-04	0.00E+00	2.53E-03	**9.62E-03**
558610.644160589	558611	4160589	WRKR_550	2.27E-02	5.50E-04	2.99E-02	1.30E-03	**5.45E-02**	1.01E-02	7.80E-04	1.03E-02	1.45E-03	**2.26E-02**	5.41E-03	7.55E-04	7.18E-05	1.61E-03	**7.84E-03**	6.23E-03	9.16E-04	0.00E+00	2.26E-03	**9.41E-03**
558610.644160599	558611	4160599	WRKR_551	2.32E-02	4.99E-04	3.04E-02	1.15E-03	**5.52E-02**	1.03E-02	7.08E-04	1.04E-02	1.28E-03	**2.27E-02**	5.51E-03	6.85E-04	7.30E-05	1.42E-03	**7.69E-03**	6.35E-03	8.32E-04	0.00E+00	2.00E-03	**9.18E-03**
558620.644160569	558621	4160569	WRKR_552	2.07E-02	5.50E-04	2.71E-02	1.28E-03	**4.96E-02**	9.19E-03	7.81E-04	9.32E-03	1.43E-03	**2.07E-02**	4.91E-03	7.56E-04	6.52E-05	1.58E-03	**7.32E-03**	5.66E-03	9.17E-04	0.00E+00	2.23E-03	**8.81E-03**
558620.644160579	558621	4160579	WRKR_553	2.12E-02	5.09E-04	2.78E-02	1.16E-03	**5.06E-02**	9.42E-03	7.21E-04	9.55E-03	1.29E-03	**2.10E-02**	5.03E-03	6.98E-04	6.68E-05	1.44E-03	**7.23E-03**	5.80E-03	8.48E-04	0.00E+00	2.02E-03	**8.67E-03**
558620.644160589	558621	4160589	WRKR_554	2.16E-02	4.70E-04	2.83E-02	1.05E-03	**5.15E-02**	9.62E-03	6.67E-04	9.74E-03	1.17E-03	**2.12E-02**	5.14E-03	6.45E-04	6.81E-05	1.30E-03	**7.16E-03**	5.93E-03	7.84E-04	0.00E+00	1.83E-03	**8.54E-03**
558620.644160599	558621	4160599	WRKR_555	2.20E-02	4.28E-04	2.87E-02	9.40E-04	**5.21E-02**	9.78E-03	6.07E-04	9.86E-03	1.05E-03	**2.13E-02**	5.23E-03	5.88E-04	6.90E-05	1.16E-03	**7.05E-03**	6.03E-03	7.14E-04	0.00E+00	1.64E-03	**8.38E-03**
558630.644160569	558631	4160569	WRKR_556	1.97E-02	4.74E-04	2.59E-02	1.05E-03	**4.72E-02**	8.79E-03	6.72E-04	8.91E-03	1.17E-03	**1.95E-02**	4.70E-03	6.51E-04	6.23E-05	1.30E-03	**6.71E-03**	5.42E-03	7.90E-04	0.00E+00	1.83E-03	**8.03E-03**
558630.644160579	558631	4160579	WRKR_557	2.02E-02	4.41E-04	2.65E-02	9.64E-04	**4.81E-02**	8.99E-03	6.26E-04	9.09E-03	1.08E-03	**1.98E-02**	4.80E-03	6.06E-04	6.36E-05	1.19E-03	**6.67E-03**	5.54E-03	7.35E-04	0.00E+00	1.68E-03	**7.95E-03**
558630.644160589	558631	4160589	WRKR_558	2.05E-02	4.06E-04	2.69E-02	8.77E-04	**4.87E-02**	9.15E-03	5.76E-04	9.23E-03	9.80E-04	**1.99E-02**	4.89E-03	5.57E-04	6.46E-05	1.09E-03	**6.60E-03**	5.64E-03	6.77E-04	0.00E+00	1.53E-03	**7.84E-03**
558630.644160599	558631	4160599	WRKR_559	2.08E-02	3.70E-04	2.71E-02	7.88E-04	**4.91E-02**	9.27E-03	5.24E-04	9.33E-03	8.81E-04	**2.00E-02**	4.95E-03	5.07E-04	6.52E-05	9.77E-04	**6.50E-03**	5.71E-03	6.16E-04	0.00E+00	1.37E-03	**7.70E-03**
558640.644160569	558641	4160569	WRKR_560	1.89E-02	4.13E-04	2.48E-02	8.86E-04	**4.49E-02**	8.40E-03	5.86E-04	8.50E-03	9.90E-04	**1.85E-02**	4.49E-03	5.67E-04	5.95E-05	1.10E-03	**6.21E-03**	5.18E-03	6.89E-04	0.00E+00	1.55E-03	**7.41E-03**
558640.644160579	558641	4160579	WRKR_561	1.92E-02	3.85E-04	2.52E-02	8.19E-04	**4.56E-02**	8.56E-03	5.46E-04	8.65E-03	9.15E-04	**1.87E-02**	4.58E-03	5.28E-04	6.05E-05	1.01E-03	**6.18E-03**	5.28E-03	6.42E-04	0.00E+00	1.43E-03	**7.35E-03**
558640.644160589	558641	4160589	WRKR_562	1.95E-02	3.53E-04	2.55E-02	7.46E-04	**4.61E-02**	8.69E-03	5.01E-04	8.76E-03	8.34E-04	**1.88E-02**	4.64E-03	4.85E-04	6.13E-05	9.24E-04	**6.11E-03**	5.35E-03	5.89E-04	0.00E+00	1.30E-03	**7.24E-03**
558640.644160599	558641	4160599	WRKR_563	1.97E-02	3.22E-04	2.57E-02	6.74E-04	**4.64E-02**	8.78E-03	4.57E-04	8.82E-03	7.53E-04	**1.88E-02**	4.69E-03	4.42E-04	6.17E-05	8.35E-04	**6.03E-03**	5.41E-03	5.37E-04	0.00E+00	1.18E-03	**7.12E-03**
558650.644160569	558651	4160569	WRKR_564	1.80E-02	3.64E-04	2.36E-02	7.65E-04	**4.28E-02**	8.02E-03	5.16E-04	8.11E-03	8.55E-04	**1.75E-02**	4.29E-03	4.99E-04	5.68E-05	9.47E-04	**5.79E-03**	4.94E-03	6.06E-04	0.00E+00	1.33E-03	**6.88E-03**
558650.644160579	558651	4160579	WRKR_565	1.83E-02	3.39E-04	2.40E-02	7.08E-04	**4.33E-02**	8.16E-03	4.80E-04	8.23E-03	7.92E-04	**1.77E-02**	4.36E-03	4.65E-04	5.76E-05	8.77E-04	**5.76E-03**	5.03E-03	5.64E-04	0.00E+00	1.24E-03	**6.83E-03**
558650.644160589	558651	4160589	WRKR_566	1.85E-02	3.12E-04	2.42E-02	6.48E-04	**4.37E-02**	8.26E-03	4.42E-04	8.31E-03	7.24E-04	**1.77E-02**	4.41E-03	4.28E-04	5.81E-05	8.03E-04	**5.70E-03**	5.09E-03	5.19E-04	0.00E+00	1.13E-03	**6.74E-03**
558650.644160599	558651	4160599	WRKR_567	1.87E-02	2.86E-04	2.43E-02	5.90E-04	**4.39E-02**	8.33E-03	4.05E-04	8.35E-03	6.60E-04	**1.77E-02**	4.45E-03	3.92E-04	5.84E-05	7.31E-04	**5.63E-03**	5.13E-03	4.76E-04	0.00E+00	1.03E-03	**6.64E-03**
558660.644160569	558661	4160569	WRKR_568	1.72E-02	3.27E-04	2.25E-02	6.77E-04	**4.08E-02**	7.67E-03	4.63E-04	7.75E-03	7.56E-04	**1.66E-02**	4.10E-03	4.48E-04	5.42E-05	8.38E-04	**5.44E-03**	4.73E-03	5.44E-04	0.00E+00	1.18E-03	**6.45E-03**
558660.644160579	558661	4160579	WRKR_569	1.75E-02	3.04E-04	2.28E-02	6.27E-04	**4.12E-02**	7.78E-03	4.31E-04	7.84E-03	7.01E-04	**1.68E-02**	4.16E-03	4.17E-04	5.48E-05	7.77E-04	**5.41E-03**	4.80E-03	5.07E-04	0.00E+00	1.09E-03	**6.40E-03**
558660.644160589	558661	4160589	WRKR_570	1.77E-02	2.80E-04	2.30E-02	5.75E-04	**4.15E-02**	7.86E-03	3.97E-04	7.89E-03	6.43E-04	**1.68E-02**	4.20E-03	3.84E-04	5.52E-05	7.12E-04	**5.35E-03**	4.84E-03	4.67E-04	0.00E+00	1.00E-03	**6.31E-03**
558660.644160599	558661	4160599	WRKR_571	1.78E-02	2.58E-04	2.30E-02	5.28E-04	**4.16E-02**	7.92E-03	3.66E-04	7.92E-03	5.90E-04	**1.68E-02**	4.23E-03	3.55E-04	5.54E-05	6.54E-04	**5.29E-03**	4.88E-03	4.30E-04	0.00E+00	9.20E-04	**6.23E-03**
558670.644160569	558671	4160569	WRKR_572	1.65E-02	2.95E-04	2.15E-02	6.06E-04	**3.89E-02**	7.34E-03	4.19E-04	7.39E-03	6.77E-04	**1.58E-02**	3.92E-03	4.05E-04	5.17E-05	7.50E-04	**5.13E-03**	4.52E-03	4.92E-04	0.00E+00	1.06E-03	**6.07E-03**
558670.644160579	558671	4160579	WRKR_573	1.67E-02	2.74E-04	2.17E-02	5.61E-04	**3.92E-02**	7.42E-03	3.89E-04	7.46E-03	6.27E-04	**1.59E-02**	3.97E-03	3.76E-04	5.22E-05	6.95E-04	**5.09E-03**	4.57E-03	4.57E-04	0.00E+00	9.78E-04	**6.01E-03**
558670.644160589	558671	4160589	WRKR_574	1.68E-02	2.54E-04	2.18E-02	5.17E-04	**3.94E-02**	7.48E-03	3.59E-04	7.49E-03	5.77E-04	**1.59E-02**	4.00E-03	3.48E-04	5.24E-05	6.40E-04	**5.04E-03**	4.61E-03	4.22E-04	0.00E+00	9.01E-04	**5.93E-03**
558495.44160499.4	558495	4160499	WRKR_575	1.87E-02	2.43E-04	2.27E-02	4.86E-04	**4.21E-02**	8.32E-03	3.44E-04	7.80E-03	5.43E-04	**1.70E-02**	4.45E-03	3.33E-04	5.45E-05	6.02E-04	**5.44E-03**	5.13E-03	4.05E-04	0.00E+00	8.48E-04	**6.38E-03**
558495.44160509.4	558495	4160509	WRKR_576	2.04E-02	2.57E-04	2.49E-02	5.17E-04	**4.61E-02**	9.07E-03	3.64E-04	8.57E-03	5.78E-04	**1.86E-02**	4.85E-03	3.53E-04	5.99E-05	6.40E-04	**5.90E-03**	5.59E-03	4.28E-04	0.00E+00	9.02E-04	**6.92E-03**
558495.44160519.4	558495	4160519	WRKR_577	2.22E-02	2.73E-04	2.74E-02	5.52E-04	**5.04E-02**	9.88E-03	3.87E-04	9.41E-03	6.17E-04	**2.03E-02**	5.28E-03	3.75E-04	6.58E-05	6.84E-04	**6.41E-03**	6.09E-03	4.55E-04	0.00E+00	9.63E-04	**7.51E-03**
558495.44160529.4	558495	4160529	WRKR_578	2.42E-02	2.92E-04	3.00E-02	5.93E-04	**5.51E-02**	1.08E-02	4.13E-04	1.03E-02	6.63E-04	**2.22E-02**	5.76E-03	4.00E-04	7.21E-05	7.35E-04	**6.96E-03**	6.64E-03	4.86E-04	0.00E+00	1.03E-03	**8.16E-03**
558505.44160499.4	558505	4160499	WRKR_579	1.85E-02	2.69E-04	2.25E-02	5.44E-04	**4.18E-02**	8.22E-03	3.81E-04	7.73E-03	6.08E-04	**1.69E-02**	4.39E-03	3.69E-04	5.40E-05	6.74E-04	**5.49E-03**	5.06E-03	4.48E-04	0.00E+00	9.49E-04	**6.46E-03**
558505.44160509.4	558505	4160509	WRKR_580	2.01E-02	2.84E-04	2.46E-02	5.78E-04	**4.56E-02**	8.94E-03	4.03E-04	8.47E-03	6.46E-04	**1.85E-02**	4.78E-03	3.90E-04	5.92E-05	7.16E-04	**5.94E-03**	5.51E-03	4.74E-04	0.00E+00	1.01E-03	**6.99E-03**
558505.44160519.4	558505	4160519	WRKR_581	2.18E-02	3.01E-04	2.70E-02	6.16E-04	**4.97E-02**	9.72E-03	4.27E-04	9.27E-03	6.89E-04	**2.01E-02**	5.19E-03	4.14E-04	6.49E-05	7.63E-04	**6.44E-03**	5.99E-03	5.02E-04	0.00E+00	1.07E-03	**7.57E-03**
558505.44160529.4	558505	4160529	WRKR_582	2.37E-02	3.21E-04	2.95E-02	6.60E-04	**5.42E-02**	1.06E-02	4.55E-04	1.01E-02	7.38E-04	**2.19E-02**	5.65E-03	4.40E-04	7.10E-05	8.18E-04	**6.97E-03**	6.51E-03	5.35E-04	0.00E+00	1.15E-03	**8.20E-03**
558515.44160499.4	558515	4160499	WRKR_583	1.82E-02	3.03E-04	2.23E-02	6.20E-04	**4.14E-02**	8.11E-03	4.29E-04	7.66E-03	6.93E-04	**1.69E-02**	4.34E-03	4.15E-04	5.36E-05	7.68E-04	**5.57E-03**	5.00E-03	5.04E-04	0.00E+00	1.08E-03	**6.58E-03**
558515.44160509.4	558515	4160509	WRKR_584	1.98E-02	3.19E-04	2.44E-02	6.58E-04	**4.51E-02**	8.81E-03	4.53E-04	8.37E-03	7.36E-04	**1.84E-02**	4.71E-03	4.38E-04	5.86E-05	8.15E-04	**6.02E-03**	5.43E-03	5.32E-04	0.00E+00	1.15E-03	**7.11E-03**
558515.44160519.4	558515	4160519	WRKR_585	2.15E-02	3.37E-04	2.66E-02	7.00E-04	**4.91E-02**	9.55E-03	4.78E-04	9.15E-03	7.82E-04	**2.00E-02**	5.11E-03	4.63E-04	6.40E-05	8.67E-04	**6.50E-03**	5.89E-03	5.62E-04	0.00E+00	1.22E-03	**7.67E-03**
558515.44160529.4	558515	4160529	WRKR_586	2.33E-02	3.57E-04	2.90E-02	7.47E-04	**5.34E-02**	1.04E-02	5.06E-04	9.98E-03	8.35E-04	**2.17E-02**	5.53E-03	4.90E-04	6.98E-05	9.25E-04	**7.02E-03**	6.38E-03	5.95E-04	0.00E+00	1.30E-03	**8.28E-03**
558525.44160499.4	558525	4160499	WRKR_587	1.80E-02	3.44E-04	2.21E-02	7.18E-04	**4.12E-02**	8.02E-03	4.88E-04	7.59E-03	8.03E-04	**1.69E-02**	4.28E-03	4.72E-04	5.31E-05	8.90E-04	**5.70E-03**	4.94E-03	5.73E-04	0.00E+00	1.25E-03	**6.77E-03**
558525.44160509.4	558525	4160509	WRKR_588	1.95E-02	3.63E-04	2.41E-02	7.65E-04	**4.47E-02**	8.68E-03	5.15E-04	8.28E-03	8.55E-04	**1.83E-02**	4.64E-03	4.99E-04	5.79E-05	9.47E-04	**6.14E-03**	5.35E-03	6.06E-04	0.00E+00	1.33E-03	**7.29E-03**
558525.44160519.4	558525	4160519	WRKR_589	2.11E-02	3.84E-04	2.62E-02	8.13E-04	**4.86E-02**	9.40E-03	5.44E-04	9.02E-03	9.09E-04	**1.99E-02**	5.02E-03	5.26E-04	6.31E-05	1.01E-03	**6.62E-03**	5.79E-03	6.39E-04	0.00E+00	1.42E-03	**7.85E-03**
558525.44160529.4	558525	4160529	WRKR_590	2.28E-02	4.06E-04	2.86E-02	8.68E-04	**5.27E-02**	1.02E-02	5.75E-04	9.82E-03	9.70E-04	**2.15E-02**	5.43E-03	5.57E-04	6.87E-05	1.07E-03	**7.13E-03**	6.26E-03	6.76E-04	0.00E+00	1.51E-03	**8.45E-03**
558535.44160499.4	558535	4160499	WRKR_591	1.78E-02	3.99E-04	2.19E-02	8.57E-04	**4.09E-02**	7.91E-03	5.66E-04	7.52E-03	9.58E-04	**1.70E-02**	4.23E-03	5.48E-04	5.26E-05	1.06E-03	**5.89E-03**	4.88E-03	6.65E-04	0.00E+00	1.49E-03	**7.04E-03**
558535.44160509.4	558535	4160509	WRKR_592	1.92E-02	4.21E-04	2.38E-02	9.14E-04	**4.44E-02**	8.55E-03	5.98E-04	8.18E-03	1.02E-03	**1.84E-02**	4.57E-03	5.78E-04	5.72E-05	1.13E-03	**6.34E-03**	5.27E-03	7.02E-04	0.00E+00	1.59E-03	**7.57E-03**
558535.44160519.4	558535	4160519	WRKR_593	2.07E-02	4.45E-04	2.59E-02	9.75E-04	**4.80E-02**	9.23E-03	6.31E-04	8.89E-03	1.09E-03	**1.98E-02**	4.93E-03	6.10E-04	6.22E-05	1.21E-03	**6.81E-03**	5.69E-03	7.41E-04	0.00E+00	1.70E-03	**8.13E-03**
558535.44160529.4	558535	4160529	WRKR_594	2.24E-02	4.69E-04	2.81E-02	1.04E-03	**5.20E-02**	9.96E-03	6.65E-04	9.65E-03	1.16E-03	**2.14E-02**	5.32E-03	6.44E-04	6.75E-05	1.29E-03	**7.32E-03**	6.14E-03	7.81E-04	0.00E+00	1.81E-03	**8.73E-03**
558545.44160499.4	558545	4160499	WRKR_595	1.76E-02	4.70E-04	2.17E-02	1.05E-03	**4.07E-02**	7.81E-03	6.66E-04	7.44E-03	1.18E-03	**1.71E-02**	4.17E-03	6.45E-04	5.21E-05	1.30E-03	**6.17E-03**	4.81E-03	7.83E-04	0.00E+00	1.83E-03	**7.43E-03**
558545.44160509.4	558545	4160509	WRKR_596	1.89E-02	4.98E-04	2.35E-02	1.13E-03	**4.41E-02**	8.42E-03	7.06E-04	8.08E-03	1.26E-03	**1.85E-02**	4.50E-03	6.84E-04	5.65E-05	1.40E-03	**6.64E-03**	5.19E-03	8.30E-04	0.00E+00	1.97E-03	**7.99E-03**
558545.44160519.4	558545	4160519	WRKR_597	2.04E-02	5.26E-04	2.55E-02	1.21E-03	**4.76E-02**	9.07E-03	7.46E-04	8.76E-03	1.35E-03	**1.99E-02**	4.84E-03	7.22E-04	6.13E-05	1.50E-03	**7.13E-03**	5.59E-03	8.76E-04	0.00E+00	2.11E-03	**8.58E-03**
558545.44160529.4	558545	4160529	WRKR_598	2.19E-02	5.54E-04	2.76E-02	1.29E-03	**5.13E-02**	9.75E-03	7.85E-04	9.48E-03	1.45E-03	**2.15E-02**	5.21E-03	7.60E-04	6.63E-05	1.60E-03	**7.64E-03**	6.01E-03	9.23E-04	0.00E+00	2.26E-03	**9.19E-03**
558555.44160499.4	558555	4160499	WRKR_599	1.73E-02	5.68E-04	2.14E-02	1.35E-03	**4.07E-02**	7.70E-03	8.05E-04	7.37E-03	1.51E-03	**1.74E-02**	4.12E-03	7.79E-04	5.16E-05	1.68E-03	**6.62E-03**	4.75E-03	9.46E-04	0.00E+00	2.36E-03	**8.05E-03**
558555.44160509.4	558555	4160509	WRKR_600	1.86E-02	6.02E-04	2.32E-02	1.46E-03	**4.39E-02**	8.28E-03	8.53E-04	7.98E-03	1.64E-03	**1.87E-02**	4.43E-03	8.26E-04	5.58E-05	1.81E-03	**7.12E-03**	5.10E-03	1.00E-03	0.00E+00	2.55E-03	**8.66E-03**
558555.44160519.4	558555	4160519	WRKR_601	2.00E-02	6.35E-04	2.51E-02	1.57E-03	**4.73E-02**	8.90E-03	9.00E-04	8.62E-03	1.75E-03	**2.02E-02**	4.75E-03	8.71E-04	6.03E-05	1.94E-03	**7.63E-03**	5.48E-03	1.06E-03	0.00E+00	2.74E-03	**9.28E-03**
558555.44160529.4	558555	4160529	WRKR_602	2.14E-02	6.72E-04	2.71E-02	1.69E-03	**5.09E-02**	9.54E-03	9.52E-04	9.30E-03	1.89E-03	**2.17E-02**	5.10E-03	9.22E-04	6.51E-05	2.09E-03	**8.18E-03**	5.88E-03	1.12E-03	0.00E+00	2.95E-03	**9.94E-03**
558565.44160499.4	558565	4160499	WRKR_603	1.71E-02	4.92E-04	2.12E-02	1.16E-03	**3.99E-02**	7.59E-03	6.98E-04	7.29E-03	1.29E-03	**1.69E-02**	4.06E-03	6.75E-04	5.10E-05	1.43E-03	**6.22E-03**	4.68E-03	8.20E-04	0.00E+00	2.02E-03	**7.52E-03**
558565.44160509.4	558565	4160509	WRKR_604	1.83E-02	5.42E-04	2.29E-02	1.32E-03	**4.31E-02**	8.14E-03	7.68E-04	7.87E-03	1.48E-03	**1.83E-02**	4.35E-03	7.44E-04	5.50E-05	1.64E-03	**6.78E-03**	5.02E-03	9.03E-04	0.00E+00	2.30E-03	**8.22E-03**
558565.44160519.4	558565	4160519	WRKR_605	1.96E-02	3.87E-04	2.47E-02	8.68E-04	**4.55E-02**	8.71E-03	5.49E-04	8.48E-03	9.70E-04	**1.87E-02**	4.66E-03	5.31E-04	5.93E-05	1.08E-03	**6.32E-03**	5.37E-03	6.45E-04	0.00E+00	1.51E-03	**7.53E-03**
558565.44160529.4	558565	4160529	WRKR_606	2.09E-02	5.60E-04	2.65E-02	1.39E-03	**4.94E-02**	9.31E-03	7.94E-04	9.12E-03	1.56E-03	**2.08E-02**	4.97E-03	7.69E-04	6.38E-05	1.73E-03	**7.53E-03**	5.73E-03	9.33E-04	0.00E+00	2.43E-03	**9.10E-03**
558618.984160498	558619	4160499	WRKR_607	1.54E-02	4.12E-04	1.96E-02	9.37E-04	**3.64E-02**	6.86E-03	5.84E-04	6.73E-03	1.05E-03	**1.52E-02**	3.66E-03	5.65E-04	4.71E-05	1.16E-03	**5.44E-03**	4.22E-03	6.86E-04	0.00E+00	1.63E-03	**6.54E-03**
558618.984160508	558619	4160509	WRKR_608	1.63E-02	5.43E-04	2.08E-02	1.31E-03	**3.89E-02**	7.24E-03	7.70E-04	7.15E-03	1.47E-03	**1.66E-02**	3.87E-03	7.46E-04	5.00E-05	1.63E-03	**6.29E-03**	4.46E-03	9.05E-04	0.00E+00	2.29E-03	**7.65E-03**
558618.984160518	558619	4160519	WRKR_609	1.71E-02	5.45E-04	2.20E-02	1.84E-03	**4.15E-02**	7.61E-03	7.72E-04	7.57E-03	2.05E-03	**1.80E-02**	4.07E-03	7.48E-04	5.29E-05	2.28E-03	**7.15E-03**	4.69E-03	9.08E-04	0.00E+00	3.21E-03	**8.80E-03**
558618.984160528	558619	4160529	WRKR_610	1.79E-02	6.91E-04	2.32E-02	1.71E-03	**4.36E-02**	7.99E-03	9.79E-04	7.98E-03	1.92E-03	**1.89E-02**	4.27E-03	9.48E-04	5.58E-05

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				AG	AH	AL	AJ	E	G	F	H	AG	AH	AL	AJ	E	G	F	H	AG	AH	AL	AJ	E	G	F	H
				Year 1 Project Concentrations (μg/m^3)								Year 2 Project Concentrations (μg/m^3)								Year 3 Project Concentrations (μg/m^3)								Year 4 Project Concentrations (μg/m^3)							
XY	X	Y	Type	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL				OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL				OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL				OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL			
558628.984160528	558629	4160529	WRKR_614	1.74E-02	5.91E-04	2.26E-02	1.36E-03	**4.19E-02**				7.74E-03	8.38E-04	7.75E-03	1.52E-03	**1.79E-02**				4.13E-03	8.11E-04	5.42E-05	1.69E-03	**6.69E-03**				4.77E-03	9.85E-04	0.00E+00	2.38E-03	**8.13E-03**			
558638.984160498	558639	4160499	WRKR_615	1.47E-02	6.17E-04	1.89E-02	1.43E-03	**3.57E-02**				6.56E-03	8.75E-04	6.49E-03	1.60E-03	**1.55E-02**				3.50E-03	8.47E-04	4.54E-05	1.77E-03	**6.16E-03**				4.04E-03	1.03E-03	0.00E+00	2.49E-03	**7.56E-03**			
558638.984160508	558639	4160509	WRKR_616	1.54E-02	5.75E-04	1.99E-02	1.30E-03	**3.72E-02**				6.88E-03	8.16E-04	6.84E-03	1.46E-03	**1.60E-02**				3.67E-03	7.90E-04	4.79E-05	1.61E-03	**6.13E-03**				4.24E-03	9.59E-04	0.00E+00	2.27E-03	**7.47E-03**			
558638.984160518	558639	4160519	WRKR_617	1.62E-02	5.44E-04	2.09E-02	1.21E-03	**3.88E-02**				7.19E-03	7.71E-04	7.19E-03	1.36E-03	**1.65E-02**				3.84E-03	7.47E-04	5.03E-05	1.50E-03	**6.14E-03**				4.43E-03	9.07E-04	0.00E+00	2.11E-03	**7.45E-03**			
558638.984160528	558639	4160529	WRKR_618	1.68E-02	5.19E-04	2.19E-02	1.14E-03	**4.04E-02**				7.49E-03	7.36E-04	7.52E-03	1.28E-03	**1.70E-02**				4.00E-03	7.12E-04	5.26E-05	1.42E-03	**6.18E-03**				4.62E-03	8.65E-04	0.00E+00	1.99E-03	**7.47E-03**			
558648.984160498	558649	4160499	WRKR_619	1.44E-02	5.52E-04	1.85E-02	1.23E-03	**3.47E-02**				6.40E-03	7.83E-04	6.36E-03	1.37E-03	**1.49E-02**				3.42E-03	7.58E-04	4.45E-05	1.52E-03	**5.74E-03**				3.94E-03	9.20E-04	0.00E+00	2.14E-03	**7.00E-03**			
558648.984160508	558649	4160509	WRKR_620	1.50E-02	5.14E-04	1.94E-02	1.12E-03	**3.61E-02**				6.69E-03	7.29E-04	6.68E-03	1.26E-03	**1.54E-02**				3.58E-03	7.06E-04	4.67E-05	1.39E-03	**5.72E-03**				4.12E-03	8.57E-04	0.00E+00	1.96E-03	**6.94E-03**			
558648.984160518	558649	4160519	WRKR_621	1.57E-02	4.86E-04	2.04E-02	1.05E-03	**3.76E-02**				6.98E-03	6.89E-04	6.99E-03	1.17E-03	**1.58E-02**				3.73E-03	6.67E-04	4.89E-05	1.30E-03	**5.74E-03**				4.30E-03	8.10E-04	0.00E+00	1.83E-03	**6.94E-03**			
558648.984160528	558649	4160529	WRKR_622	1.63E-02	4.62E-04	2.12E-02	9.90E-04	**3.89E-02**				7.25E-03	6.56E-04	7.29E-03	1.11E-03	**1.63E-02**				3.87E-03	6.35E-04	5.10E-05	1.23E-03	**5.78E-03**				4.46E-03	7.71E-04	0.00E+00	1.73E-03	**6.96E-03**			
558658.984160498	558659	4160499	WRKR_623	1.40E-02	5.04E-04	1.81E-02	1.09E-03	**3.37E-02**				6.24E-03	7.15E-04	6.22E-03	1.22E-03	**1.44E-02**				3.34E-03	6.92E-04	4.35E-05	1.36E-03	**5.43E-03**				3.85E-03	8.41E-04	0.00E+00	1.91E-03	**6.59E-03**			
558658.984160508	558659	4160509	WRKR_624	1.46E-02	4.69E-04	1.90E-02	1.00E-03	**3.51E-02**				6.51E-03	6.65E-04	6.52E-03	1.12E-03	**1.48E-02**				3.48E-03	6.44E-04	4.56E-05	1.24E-03	**5.41E-03**				4.01E-03	7.81E-04	0.00E+00	1.75E-03	**6.54E-03**			
558658.984160518	558659	4160519	WRKR_625	1.52E-02	4.40E-04	1.98E-02	9.32E-04	**3.63E-02**				6.77E-03	6.24E-04	6.79E-03	1.04E-03	**1.52E-02**				3.61E-03	6.04E-04	4.75E-05	1.15E-03	**5.42E-03**				4.17E-03	7.34E-04	0.00E+00	1.63E-03	**6.53E-03**			
558658.984160528	558659	4160529	WRKR_626	1.57E-02	4.18E-04	2.05E-02	8.78E-04	**3.76E-02**				7.01E-03	5.92E-04	7.06E-03	9.81E-04	**1.56E-02**				3.74E-03	5.73E-04	4.94E-05	1.09E-03	**5.45E-03**				4.32E-03	6.96E-04	0.00E+00	1.53E-03	**6.54E-03**			
558668.984160498	558669	4160499	WRKR_627	1.37E-02	4.64E-04	1.77E-02	9.90E-04	**3.28E-02**				6.08E-03	6.57E-04	6.08E-03	1.11E-03	**1.39E-02**				3.25E-03	6.36E-04	4.25E-05	1.23E-03	**5.16E-03**				3.75E-03	7.73E-04	0.00E+00	1.73E-03	**6.25E-03**			
558668.984160508	558669	4160509	WRKR_628	1.42E-02	4.30E-04	1.85E-02	9.06E-04	**3.40E-02**				6.32E-03	6.09E-04	6.34E-03	1.01E-03	**1.43E-02**				3.38E-03	5.90E-04	4.44E-05	1.12E-03	**5.14E-03**				3.90E-03	7.16E-04	0.00E+00	1.58E-03	**6.19E-03**			
558668.984160518	558669	4160519	WRKR_629	1.47E-02	4.03E-04	1.92E-02	8.41E-04	**3.52E-02**				6.55E-03	5.71E-04	6.59E-03	9.40E-04	**1.47E-02**				3.50E-03	5.52E-04	4.61E-05	1.04E-03	**5.14E-03**				4.04E-03	6.71E-04	0.00E+00	1.47E-03	**6.18E-03**			
558668.984160528	558669	4160529	WRKR_630	1.52E-02	3.81E-04	1.99E-02	7.91E-04	**3.62E-02**				6.77E-03	5.40E-04	6.82E-03	8.84E-04	**1.50E-02**				3.62E-03	5.22E-04	4.77E-05	9.80E-04	**5.17E-03**				4.17E-03	6.34E-04	0.00E+00	1.38E-03	**6.18E-03**			
558678.984160498	558679	4160499	WRKR_631	1.33E-02	4.31E-04	1.73E-02	9.11E-04	**3.19E-02**				5.92E-03	6.11E-04	5.93E-03	1.02E-03	**1.35E-02**				3.16E-03	5.92E-04	4.15E-05	1.13E-03	**4.93E-03**				3.65E-03	7.18E-04	0.00E+00	1.59E-03	**5.96E-03**			
558678.984160508	558679	4160509	WRKR_632	1.38E-02	3.98E-04	1.80E-02	8.31E-04	**3.30E-02**				6.14E-03	5.64E-04	6.17E-03	9.29E-04	**1.38E-02**				3.28E-03	5.46E-04	4.32E-05	1.03E-03	**4.90E-03**				3.78E-03	6.63E-04	0.00E+00	1.45E-03	**5.90E-03**			
558678.984160518	558679	4160519	WRKR_633	1.43E-02	3.71E-04	1.86E-02	7.70E-04	**3.40E-02**				6.35E-03	5.27E-04	6.39E-03	8.61E-04	**1.41E-02**				3.39E-03	5.10E-04	4.47E-05	9.54E-04	**4.90E-03**				3.91E-03	6.19E-04	0.00E+00	1.34E-03	**5.87E-03**			
558678.984160528	558679	4160529	WRKR_634	1.47E-02	3.50E-04	1.92E-02	7.21E-04	**3.49E-02**				6.54E-03	4.96E-04	6.59E-03	8.06E-04	**1.44E-02**				3.49E-03	4.80E-04	4.61E-05	8.93E-04	**4.91E-03**				4.03E-03	5.83E-04	0.00E+00	1.26E-03	**5.87E-03**			
558688.984160498	558689	4160499	WRKR_635	1.29E-02	4.02E-04	1.68E-02	8.46E-04	**3.10E-02**				5.76E-03	5.71E-04	5.78E-03	9.45E-04	**1.31E-02**				3.08E-03	5.52E-04	4.04E-05	1.05E-03	**4.72E-03**				3.55E-03	6.71E-04	0.00E+00	1.47E-03	**5.70E-03**			
558688.984160508	558689	4160509	WRKR_636	1.34E-02	3.70E-04	1.75E-02	7.69E-04	**3.20E-02**				5.96E-03	5.25E-04	6.00E-03	8.60E-04	**1.33E-02**				3.18E-03	5.08E-04	4.19E-05	9.53E-04	**4.69E-03**				3.67E-03	6.17E-04	0.00E+00	1.34E-03	**5.63E-03**			
558688.984160518	558689	4160519	WRKR_637	1.38E-02	3.45E-04	1.80E-02	7.12E-04	**3.29E-02**				6.14E-03	4.89E-04	6.19E-03	7.96E-04	**1.36E-02**				3.28E-03	4.74E-04	4.33E-05	8.82E-04	**4.68E-03**				3.78E-03	5.75E-04	0.00E+00	1.24E-03	**5.60E-03**			
558444.414160372	558444	4160372	WRKR_638	6.52E-03	9.62E-05	7.11E-03	1.86E-04	**1.39E-02**				2.90E-03	1.36E-04	2.44E-03	2.08E-04	**5.69E-03**				1.55E-03	1.32E-04	1.71E-05	2.31E-04	**1.93E-03**				1.79E-03	1.60E-04	0.00E+00	3.25E-04	**2.27E-03**			
558454.414160382	558454	4160382	WRKR_639	6.85E-03	1.03E-04	7.47E-03	2.00E-04	**1.46E-02**				3.05E-03	1.46E-04	2.57E-03	2.23E-04	**5.99E-03**				1.63E-03	1.41E-04	1.80E-05	2.47E-04	**2.04E-03**				1.88E-03	1.72E-04	0.00E+00	3.48E-04	**2.40E-03**			
558454.414160392	558454	4160392	WRKR_640	7.39E-03	1.07E-04	8.07E-03	2.08E-04	**1.58E-02**				3.29E-03	1.52E-04	2.77E-03	2.32E-04	**6.45E-03**				1.76E-03	1.47E-04	1.94E-05	2.57E-04	**2.18E-03**				2.03E-03	1.78E-04	0.00E+00	3.62E-04	**2.57E-03**			
558454.414160402	558454	4160402	WRKR_641	8.00E-03	1.11E-04	8.75E-03	2.16E-04	**1.71E-02**				3.56E-03	1.58E-04	3.01E-03	2.41E-04	**6.97E-03**				1.90E-03	1.53E-04	2.10E-05	2.67E-04	**2.34E-03**				2.19E-03	1.85E-04	0.00E+00	3.76E-04	**2.76E-03**			
558464.414160382	558464	4160382	WRKR_642	6.82E-03	1.09E-04	7.43E-03	2.11E-04	**1.46E-02**				3.04E-03	1.54E-04	2.55E-03	2.36E-04	**5.98E-03**				1.62E-03	1.49E-04	1.79E-05	2.61E-04	**2.05E-03**				1.87E-03	1.81E-04	0.00E+00	3.68E-04	**2.42E-03**			
558464.414160392	558464	4160392	WRKR_643	7.36E-03	1.13E-04	8.04E-03	2.19E-04	**1.57E-02**				3.28E-03	1.60E-04	2.76E-03	2.45E-04	**6.44E-03**				1.75E-03	1.55E-04	1.93E-05	2.72E-04	**2.20E-03**				2.02E-03	1.89E-04	0.00E+00	3.83E-04	**2.59E-03**			
558464.414160402	558464	4160402	WRKR_644	7.98E-03	1.18E-04	8.74E-03	2.29E-04	**1.71E-02**				3.55E-03	1.67E-04	3.00E-03	2.56E-04	**6.98E-03**				1.90E-03	1.62E-04	2.10E-05	2.84E-04	**2.36E-03**				2.19E-03	1.97E-04	0.00E+00	3.99E-04	**2.78E-03**			
558474.414160382	558474	4160382	WRKR_645	6.80E-03	1.15E-04	7.41E-03	2.24E-04	**1.45E-02**				3.03E-03	1.63E-04	2.54E-03	2.50E-04	**5.98E-03**				1.62E-03	1.58E-04	1.78E-05	2.77E-04	**2.07E-03**				1.86E-03	1.92E-04	0.00E+00	3.90E-04	**2.45E-03**			
558474.414160392	558474	4160392	WRKR_646	7.34E-03	1.20E-04	8.02E-03	2.33E-04	**1.57E-02**				3.27E-03	1.70E-04	2.75E-03	2.60E-04	**6.45E-03**				1.74E-03	1.64E-04	1.93E-05	2.88E-04	**2.22E-03**				2.01E-03	2.00E-04	0.00E+00	4.06E-04	**2.62E-03**			
558474.414160402	558474	4160402	WRKR_647	7.94E-03	1.25E-04	8.72E-03	2.42E-04	**1.70E-02**				3.54E-03	1.77E-04	3.00E-03	2.71E-04	**6.98E-03**				1.89E-03	1.71E-04	2.10E-05	3.00E-04	**2.38E-03**				2.18E-03	2.08E-04	0.00E+00	4.23E-04	**2.81E-03**			
558484.414160382	558484	4160382	WRKR_648	6.78E-03	1.22E-04	7.40E-03	2.37E-04	**1.45E-02**				3.02E-03	1.73E-04	2.54E-03	2.65E-04	**6.00E-03**				1.61E-03	1.68E-04	1.78E-05	2.94E-04	**2.09E-03**				1.86E-03	2.04E-04	0.00E+00	4.14E-04	**2.48E-03**			
558484.414160392	558484	4160392	WRKR_649	7.30E-03	1.27E-04	8.00E-03	2.46E-04	**1.57E-02**				3.25E-03	1.80E-04	2.75E-03	2.75E-04	**6.45E-03**				1.74E-03	1.74E-04	1.92E-05	3.05E-04	**2.23E-03**				2.00E-03	2.11E-04	0.00E+00	4.29E-04	**2.64E-03**			
558484.414160402	558484	4160402	WRKR_650	7.87E-03	1.31E-04	8.68E-03	2.55E-04	**1.69E-02**				3.50E-03	1.86E-04	2.98E-03	2.85E-04	**6.96E-03**				1.87E-03	1.80E-04	2.09E-05	3.16E-04	**2.39E-03**				2.16E-03	2.19E-04	0.00E+00	4.45E-04	**2.82E-03**			
558494.414160382	558494	4160382	WRKR_651	6.78E-03	1.30E-04	7.41E-03	2.53E-04	**1.46E-02**				3.02E-03	1.85E-04	2.55E-03	2.83E-04	**6.03E-03**				1.61E-03	1.79E-04	1.78E-05	3.13E-04	**2.12E-03**				1.86E-03	2.17E-04	0.00E+00	4.41E-04	**2.52E-03**			
558494.414160392	558494	4160392	WRKR_652	7.30E-03	1.35E-04	8.02E-03	2.63E-04	**1.57E-02**				3.25E-03	1.92E-04	2.75E-03	2.94E-04	**6.49E-03**				1.74E-03	1.85E-04	1.93E-05	3.25E-04	**2.27E-03**				2.00E-03	2.25E-04	0.00E+00	4.58E-04	**2.68E-03**			
558494.414160402	558494	4160402	WRKR_653	7.87E-03	1.40E-04	8.71E-03	2.73E-04	**1.70E-02**				3.51E-03	1.99E-04	2.99E-03	3.05E-04	**7.00E-03**				1.87E-03	1.93E-04	2.09E-05	3.39E-04	**2.43E-03**				2.16E-03	2.34E-04	0.00E+00	4.77E-04	**2.87E-03**			
558504.414160382	558504	4160382	WRKR_654	6.80E-03	1.39E-04	7.44E-03	2.71E-04	**1.46E-02**				3.03E-03	1.97E-04	2.56E-03	3.03E-04	**6.08E-03**				1.62E-03	1.91E-04	1.79E-05	3.35E-04	**2.16E-03**				1.86E-03	2.32E-04	0.00E+00	4.72E-04	**2.57E-03**			
558504.414160392	558504	4160392	WRKR_655	7.36E-03	1.46E-04	8.11E-03	2.85E-04	**1.59E-02**				3.28E-03	2.08E-04	2.78E-03	3.19E-04	**6.59E-03**				1.75E-03	2.01E-04	1.95E-05	3.54E-04	**2.33E-03**				2.02E-03	2.44E-04	0.00E+00	4.98E-04	**2.76E-03**			
558504.414160402	558504	4160402	WRKR_656	8.02E-03	1.55E-04	8.89E-03	3.03E-04	**1.74E-02**				3.57E-03	2.20E-04	3.06E-03	3.39E-04	**7.19E-03**				1.91E-03	2.13E-04	2.14E-05	3.75E-04	**2.52E-03**				2.20E-03	2.59E-04	0.00E+00	5.29E-04	**2.99E-03**			
558514.414160382	558514	4160382	WRKR_657	6.82E-03	1.49E-04	7.48E-03	2.91E-04	**1.47E-02**				3.04E-03	2.12E-04	2.57E-03	3.26E-04	**6.15E-03**				1.62E-03	2.05E-04	1.80E-05	3.61E-04	**2.21E-03**				1.87E-03	2.49E-04	0.00E+00	5.08E-04	**2.63E-03**			
558514.414160392	558514	4160392	WRKR_658	7.38E-03	1.58E-04	8.16E-03	3.08E-04	**1.60E-02**				3.29E-03	2.24E-04	2.80E-03	3.44E-04	**6.66E-03**				1.76E-03	2.16E-04	1.96E-05	3.81E-04	**2.37E-03**				2.03E-03	2.63E-04	0.00E+00	5.37E-04	**2.82E-03**			
558514.414160402	558514	4160402	WRKR_659	8.05E-03	1.68E-04	8.96E-03	3.30E-04	**1.75E-02**				3.59E-03	2.39E-04	3.08E-03	3.68E-04	**7.27E-03**				1.92E-03	2.31E-04	2.15E-05	4.08E-04	**2.58E-03**				2.21E-03	2.81E-04	0.00E+00	5.75E-04	**3.06E-03**			
558524.414160392	558524	4160392	WRKR_660	7.41E-03	1.70E-04	8.22E-03	3.34E-04	**1.61E-02**				3.30E-03	2.42E-04	2.82E-03	3.73E-04	**6.74E-03**				1.76E-03	2.34E-04	1.98E-05	4.14E-04	**2.43E-03**				2.03E-03	2.84E-04	0.00E+00	5.82E-04	**2.90E-03**			
558524.414160402	558524	4160402	WRKR_661	8.07E-03	1.83E-04	9.02E-03	3.59E-04	**1.76E-02**				3.59E-03	2.59E-04	3.10E-03	4.01E-04	**7.35E-03**				1.92E-03	2.51E-04	2.17E-05	4.45E-04	**2.64E-03**				2.21E-03	3.04E-04	0.00E+00	6.26E-04	**3.14E-03**			
558581.824160392	558582	4160392	WRKR_662	7.67E-03	2.92E-04	8.75E-03	5.94E-04	**1.73E-02**				3.42E-03	4.14E-04	3.01E-03	6.64E-04	**7.50E-03**				1.82E-03	4.00E-04	2.10E-05	7.36E-04	**2.98E-03**				2.10E-03	4.86E-04	0.00E+00	1.04E-03	**3.63E-03**			
558581.824160402	558582	4160402	WRKR_663	8.26E-03	3.27E-04	9.52E-03	6.78E-04	**1.88E-02**				3.68E-03	4.64E-04	3.27E-03	7.57E-04	**8.17E-03**				1.97E-03	4.49E-04	2.29E-05	8.39E-04	**3.28E-03**				2.27E-03	5.45E-04	0.00E+00	1.18E-03	**3.99E-03**			
558581.824160412	558582	4160412	WRKR_664	8.90E-03	3.69E-04	1.04E-02	7.84E-04	**2.04E-02**				3.96E-03	5.24E-04	3.56E-03	8.76E-04	**8.92E-03**				2.12E-03	5.07E-04	2.49E-05	9.71E-04	**3.62E-03**				2.44E-03	6.15E-04	0.00E+00	1.37E-03	**4.42E-03**			
558581.824160422	558582	4160422	WRKR_665	9.59E-03	4.20E-04	1.13E-02	9.22E-04	**2.22E-02**				4.27E-03	5.96E-04	3.87E-03	1.03E-03	**9.77E-03**				2.28E-03	5.77E-04	2.71E-05	1.14E-03	**4.03E-03**				2.63E-03	7.00E-04	0.00E+00	1.61E-03	**4.94E-03**			
558591.824160392	558592	4160392	WRKR_666	7.70E-03	3.17E-04	8.83E-03	6.54E-04	**1.75E-02**				3.43E-03	4.50E-04	3.03E-03	7.31E-04	**7.64E-03**				1.83E-03	4.35E-04	2.12E-05	8.10E-04	**3.10E-03**				2.11E-03	5.29E-04	0.00E+00	1.14E-03	**3.78E-03**			
558591.824160402	558592	4160402	WRKR_667	8.28E-03	3.59E-04	9.59E-03	7.58E-04	**1.90E-02**				3.69E-03	5.10E-04	3.30E-03	8.47E-04	**8.34E-03**				1.97E-03	4.93E-04	2.31E-05	9.39E-04	**3.43E-03**				2.27E-03	5.99E-04	0.00E+00	1.32E-03	**4.19E-03**			
558591.824160412	558592	4160412	WRKR_668	8.91E-03	4.11E-04	1.04E-02	8.96E-04	**2.06E-02**				3.97E-03	5.83E-04	3.58E-03	1.00E-03	**9.13E-03**				2.12E-03	5.65E-04	2.51E-05	1.11E-03	**3.82E-03**				2.44E-03	6.85E-04	0.00E+00	1.56E-03	**4.69E-03**			
558591.824160422	558592	4160422	WRKR_669	9.58E-03	4.76E-04	1.13E-02	1.09E-03	**2.25E-02**				4.27E-03	6.74E-04	3.89E-03	1.21E-03	**1.00E-02**				2.28E-03	6.53E-04	2.72E-05	1.35E-03	**4.30E-03**				2.63E-03	7.93E-04	0.00E+00	1.89E-03	**5.31E-03**			
558601.824160382	558602	4160382	WRKR_670	7.19E-03	3.04E-04	8.21E-03	6.22E-04	**1.63E-02**				3.20E-03	4.32E-04	2.82E-03	6.96E-04	**7.15E-03**				1.71E-03	4.18E-04	1.97E-05	7.71E-04	**2.92E-03**				1.97E-03	5.07E-04	0.00E+00	1.09E-03	**3.56E-03**			
558601.824160392	558602	4160392	WRKR_671	7.72E-03	3.44E-04	8.91E-03	7.18E-04	**1.77E-02**				3.44E-03	4.88E-04	3.06E-03	8.03E-04	**7.79E-03**				1.84E-03	4.72E-04	2.14E-05	8.90E-04	**3.22E-03**				2.12E-03	5.73E-04	0.00E+00	1.25E-03	**3.94E-03**			
558601.824160402	558602	4160402	WRKR_672	8.30E-03	3.94E-04	9.67E-03	8.47E-04	**1.92E-02**				3.69E-03	5.58E-04	3.32E-03	9.47E-04	**8.52E-03**				1.97E-03	5.41E-04	2.32E-05	1.05E-03	**3.59E-03**				2.28E-03	6.56E-04	0.00E+00	1.48E-03	**4.41E-03**			
558601.824160412	558602	4160412	WRKR_673	8.91E-03	4.56E-04	1.05E-02	1.03E-03	**2.09E-02**				3.97E-03	6.47E-04	3.60E-03	1.15E-03	**9.36E-03**				2.12E-03	6.26E-04	2.52E-05	1.27E-03	**4.04E-03**				2.44E-03	7.60E-04	0.00E+00	1.79E-03	**4.99E-03**			
558601.824160422	558602	4160422	WRKR_674	9.57E-03	5.35E-04	1.14E-02	1.29E-03	**2.28E-02**				4.26E-03	7.58E-04	3.91E-03	1.44E-03	**1.04E-02**				2.28E-03	7.34E-04	2.73E-05	1.59E-03	**4.63E-03**				2.62E-03	8.91E-04	0.00E+00	2.24E-03	**5.76E-03**			
558611.824160382	558612	4160382	WRKR_675	7.22E-03	3.23E-04	8.28E-03	6.67E-04	**1.65E-02**				3.21E-03	4.58E-04	2.84E-03	7.46E-04	**7.26E-03**				1.72E-03	4.44E-04	1.99E-05	8.26E-04	**3.01E-03**				1.98E-03	5.39E-04	0.00E+00	1.16E-03	**3.68E-03**			
558611.824160392	558612	4160392	WRKR_676	7.74E-03	3.68E-04	8.97E-03	7.78E-04	**1.79E-02**				3.45E-03	5.21E-04	3.08E-03	8.69E-04	**7.92E-03**				1.84E-03	5.05E-04	2.16E-05	9.64E-04	**3.33E-03**				2.12E-03	6.12E-04	0.00E+00	1.36E-03	**4.09E-03**			
558611.824160402	558612	4160402	WRKR_677	8.31E-03	4.29E-04	9.73E-03	9.45E-04	**1.94E-02**				3.70E-03	6.09E-04	3.34E-03	1.06E-03	**8.71E-03**				1.98E-03	5.89E-04	2.34E-05	1.17E-03	**3.76E-03**				2.28E-03	7.16E-04	0.00E+00	1.65E-03	**4.64E-03**			
558611.824160412	558612	4160412	WRKR_678	8.91E-03	5.03E-04	1.05E-02	1.18E-03	**2.11E-02**				3.96E-03	7.13E-04	3.62E-03	1.32E-03	**9.61E-03**				2.12E-03	6.90E-04	2.53E-05	1.46E-03	**4.29E-03**				2.44E-03	8.38E-04	0.00E+00	2.05E-03	**5.33E-03**			
558611.824160422	558612	4160422	WRKR_679	9.55E-03	6.00E-04	1.14E-02	1.53E-03	**2.31E-02**				4.25E-03	8.50E-04	3.92E-03	1.71E-03	**1.07E-02**				2.27E-03	8.23E-04	2.74E-05	1.90E-03	**5.02E-03**				2.62E-03	9.99E-04	0.00E+00	2.67E-03	**6.29E-03**			
558621.824160382	558622	4160382	WRKR_680	7.24E-03	3.45E-04	8.35E-03	7.20E-04	**1.67E-02**				3.22E-03	4.90E-04	2.87E-03	8.04E-04	**7.39E-03**				1.72E-03	4.74E-04	2.01E-05	8.91E-04	**3.11E-03**				1.99E-03	5.75E-04	0.00E+00	1.25E-03	**3.82E-03**			
558621.824160392	558622	4160392	WRKR_681	7.76E-03	3.95E-04	9.04E-03	8.49E-04	**1.80E-02**				3.45E-03	5.60E-04	3.11E-03	9.49E-04	**8.07E-03**				1.85E-03	5.42E-04	2.17E-05	1.05E-03	**3.46E-03**				2.13E-03	6.58E-04	0.00E+00	1.48E-03	**4.27E-03**			
558621.824160402	558622	4160402	WRKR_682	8.31E-03	4.66E-04	9.78E-03	1.05E-03	**1.96E-02**				3.70E-03	6.60E-04	3.36E-03	1.17E-03	**8.90E-03**				1.98E-03	6.39E-04	2.35E-05	1.30E-03	**3.94E-03**				2.28E-03	7.76E-04	0.00E+00	1.83E-03	**4.89E-03**			
558621.824160412	558622	4160412	WRKR_683	8.89E-03	5.56E-04	1.06E-02	1.36E-03	**2.14E-02**				3.96E-03	7.88E-04	3.64E-03	1.52E-03	**9.90E-03**				2.12E-03	7.63E-04	2.54E-05	1.68E-03	**4.59E-03**				2.44E-03	9.27E-04	0.00E

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				AG	AH	AL	AJ	E	G	F	H	AG	AH	AL	AJ	E	G	F	H	AG	AH	AL	AJ	E	G	F	H
				Year 1 Project Concentrations ($\mu g/m^3$)								Year 2 Project Concentrations ($\mu g/m^3$)								Year 3 Project Concentrations ($\mu g/m^3$)								Year 4 Project Concentrations ($\mu g/m^3$)							
XY	X	Y	Type	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL
558651.824160382	558652	4160382	WRKR_691	7.28E-03	4.20E-04	8.55E-03	8.99E-04	**1.71E-02**	3.24E-03	5.95E-04	2.94E-03	1.00E-03	**7.78E-03**	1.73E-03	5.76E-04	2.05E-05	1.11E-03	**3.44E-03**	2.00E-03	7.00E-04	0.00E+00	1.57E-03	**4.26E-03**
558651.824160392	558652	4160392	WRKR_692	7.77E-03	4.88E-04	9.21E-03	1.09E-03	**1.86E-02**	3.46E-03	6.91E-04	3.16E-03	1.22E-03	**8.53E-03**	1.85E-03	6.69E-04	2.21E-05	1.35E-03	**3.89E-03**	2.13E-03	8.13E-04	0.00E+00	1.90E-03	**4.84E-03**
558651.824160402	558652	4160402	WRKR_693	8.28E-03	5.93E-04	9.91E-03	1.43E-03	**2.02E-02**	3.69E-03	8.40E-04	3.41E-03	1.60E-03	**9.53E-03**	1.97E-03	8.13E-04	2.38E-05	1.77E-03	**4.58E-03**	2.27E-03	9.87E-04	0.00E+00	2.49E-03	**5.75E-03**
558661.824160382	558662	4160382	WRKR_694	7.28E-03	4.53E-04	8.60E-03	9.78E-04	**1.73E-02**	3.24E-03	6.42E-04	2.95E-03	1.09E-03	**7.93E-03**	1.73E-03	6.21E-04	2.07E-05	1.21E-03	**3.59E-03**	2.00E-03	7.54E-04	0.00E+00	1.71E-03	**4.46E-03**
558661.824160392	558662	4160392	WRKR_695	7.76E-03	5.25E-04	9.25E-03	1.19E-03	**1.87E-02**	3.45E-03	7.44E-04	3.18E-03	1.32E-03	**8.70E-03**	1.85E-03	7.20E-04	2.22E-05	1.47E-03	**4.06E-03**	2.13E-03	8.74E-04	0.00E+00	2.07E-03	**5.07E-03**
558661.824160402	558662	4160402	WRKR_696	8.26E-03	6.43E-04	9.94E-03	1.58E-03	**2.04E-02**	3.68E-03	9.11E-04	3.41E-03	1.76E-03	**9.77E-03**	1.96E-03	8.82E-04	2.39E-05	1.95E-03	**4.82E-03**	2.27E-03	1.07E-03	0.00E+00	2.75E-03	**6.09E-03**
558671.824160362	558672	4160362	WRKR_697	6.42E-03	4.09E-04	7.49E-03	8.61E-04	**1.52E-02**	2.86E-03	5.80E-04	2.57E-03	9.63E-04	**6.97E-03**	1.53E-03	5.61E-04	1.80E-05	1.07E-03	**3.17E-03**	1.76E-03	6.81E-04	0.00E+00	1.50E-03	**3.94E-03**
558671.824160372	558672	4160372	WRKR_698	6.84E-03	4.42E-04	8.05E-03	9.43E-04	**1.63E-02**	3.04E-03	6.26E-04	2.76E-03	1.05E-03	**7.49E-03**	1.63E-03	6.06E-04	1.93E-05	1.17E-03	**3.42E-03**	1.88E-03	7.36E-04	0.00E+00	1.64E-03	**4.26E-03**
558671.824160382	558672	4160382	WRKR_699	7.28E-03	4.91E-04	8.64E-03	1.07E-03	**1.75E-02**	3.24E-03	6.97E-04	2.97E-03	1.20E-03	**8.11E-03**	1.73E-03	6.74E-04	2.08E-05	1.33E-03	**3.76E-03**	2.00E-03	8.19E-04	0.00E+00	1.87E-03	**4.69E-03**
558671.824160392	558672	4160392	WRKR_700	7.75E-03	5.68E-04	9.28E-03	1.30E-03	**1.89E-02**	3.45E-03	8.05E-04	3.19E-03	1.45E-03	**8.89E-03**	1.84E-03	7.80E-04	2.23E-05	1.61E-03	**4.25E-03**	2.12E-03	9.47E-04	0.00E+00	2.26E-03	**5.34E-03**
558671.824160402	558672	4160402	WRKR_701	8.23E-03	6.95E-04	9.96E-03	1.73E-03	**2.06E-02**	3.66E-03	9.86E-04	3.42E-03	1.93E-03	**1.00E-02**	1.96E-03	9.55E-04	2.39E-05	2.14E-03	**5.08E-03**	2.26E-03	1.16E-03	0.00E+00	3.02E-03	**6.43E-03**
558681.824160362	558682	4160362	WRKR_702	6.43E-03	4.57E-04	7.54E-03	9.83E-04	**1.54E-02**	2.86E-03	6.47E-04	2.59E-03	1.10E-03	**7.20E-03**	1.53E-03	6.27E-04	1.81E-05	1.22E-03	**3.39E-03**	1.76E-03	7.61E-04	0.00E+00	1.71E-03	**4.24E-03**
558681.824160372	558682	4160372	WRKR_703	6.82E-03	4.81E-04	8.07E-03	1.05E-03	**1.64E-02**	3.04E-03	6.81E-04	2.77E-03	1.17E-03	**7.66E-03**	1.62E-03	6.60E-04	1.94E-05	1.29E-03	**3.60E-03**	1.87E-03	8.01E-04	0.00E+00	1.82E-03	**4.49E-03**
558681.824160382	558682	4160382	WRKR_704	7.27E-03	5.36E-04	8.68E-03	1.19E-03	**1.77E-02**	3.24E-03	7.60E-04	2.98E-03	1.33E-03	**8.31E-03**	1.73E-03	7.35E-04	2.09E-05	1.48E-03	**3.96E-03**	1.99E-03	8.93E-04	0.00E+00	2.08E-03	**4.96E-03**
558681.824160392	558682	4160392	WRKR_705	7.72E-03	6.17E-04	9.30E-03	1.43E-03	**1.91E-02**	3.44E-03	8.75E-04	3.20E-03	1.60E-03	**9.11E-03**	1.84E-03	8.47E-04	2.24E-05	1.77E-03	**4.48E-03**	2.12E-03	1.03E-03	0.00E+00	2.50E-03	**5.64E-03**
558681.824160402	558682	4160402	WRKR_706	8.19E-03	7.47E-04	9.96E-03	1.87E-03	**2.08E-02**	3.65E-03	1.06E-03	3.42E-03	2.09E-03	**1.02E-02**	1.95E-03	1.03E-03	2.39E-05	2.32E-03	**5.32E-03**	2.25E-03	1.24E-03	0.00E+00	3.27E-03	**6.76E-03**
558691.824160362	558692	4160362	WRKR_707	6.44E-03	5.24E-04	7.59E-03	1.17E-03	**1.57E-02**	2.86E-03	7.43E-04	2.61E-03	1.31E-03	**7.52E-03**	1.53E-03	7.19E-04	1.82E-05	1.45E-03	**3.72E-03**	1.76E-03	8.73E-04	0.00E+00	2.04E-03	**4.68E-03**
558691.824160372	558692	4160372	WRKR_708	6.84E-03	5.55E-04	8.14E-03	1.25E-03	**1.68E-02**	3.04E-03	7.87E-04	2.80E-03	1.40E-03	**8.02E-03**	1.63E-03	7.62E-04	1.96E-05	1.55E-03	**3.96E-03**	1.88E-03	9.25E-04	0.00E+00	2.18E-03	**4.98E-03**
558691.824160382	558692	4160382	WRKR_709	7.26E-03	6.03E-04	8.71E-03	1.38E-03	**1.80E-02**	3.23E-03	8.56E-04	2.99E-03	1.55E-03	**8.63E-03**	1.73E-03	8.28E-04	2.09E-05	1.71E-03	**4.29E-03**	1.99E-03	1.01E-03	0.00E+00	2.41E-03	**5.41E-03**
558691.824160392	558692	4160392	WRKR_710	7.69E-03	6.85E-04	9.32E-03	1.63E-03	**1.93E-02**	3.43E-03	9.71E-04	3.20E-03	1.82E-03	**9.42E-03**	1.83E-03	9.40E-04	2.24E-05	2.02E-03	**4.81E-03**	2.11E-03	1.14E-03	0.00E+00	2.85E-03	**6.10E-03**
558691.824160402	558692	4160402	WRKR_711	8.15E-03	8.21E-04	9.96E-03	2.11E-03	**2.10E-02**	3.63E-03	1.16E-03	3.42E-03	2.36E-03	**1.06E-02**	1.94E-03	1.13E-03	2.39E-05	2.62E-03	**5.71E-03**	2.23E-03	1.37E-03	0.00E+00	3.68E-03	**7.29E-03**
558701.824160362	558702	4160362	WRKR_712	6.44E-03	6.18E-04	7.64E-03	1.47E-03	**1.62E-02**	2.87E-03	8.77E-04	2.62E-03	1.64E-03	**8.01E-03**	1.53E-03	8.49E-04	1.84E-05	1.82E-03	**4.22E-03**	1.77E-03	1.03E-03	0.00E+00	2.56E-03	**5.36E-03**
558701.824160372	558702	4160372	WRKR_713	6.83E-03	6.50E-04	8.17E-03	1.55E-03	**1.72E-02**	3.04E-03	9.21E-04	2.81E-03	1.74E-03	**8.50E-03**	1.62E-03	8.91E-04	1.96E-05	1.92E-03	**4.46E-03**	1.87E-03	1.08E-03	0.00E+00	2.71E-03	**5.66E-03**
558701.824160382	558702	4160382	WRKR_714	7.24E-03	6.98E-04	8.73E-03	1.69E-03	**1.84E-02**	3.22E-03	9.90E-04	3.00E-03	1.89E-03	**9.11E-03**	1.72E-03	9.59E-04	2.10E-05	2.10E-03	**4.80E-03**	1.98E-03	1.16E-03	0.00E+00	2.96E-03	**6.10E-03**
558701.824160392	558702	4160392	WRKR_715	7.66E-03	7.77E-04	9.32E-03	1.95E-03	**1.97E-02**	3.41E-03	1.10E-03	3.20E-03	2.18E-03	**9.89E-03**	1.82E-03	1.07E-03	2.24E-05	2.41E-03	**5.32E-03**	2.10E-03	1.29E-03	0.00E+00	3.39E-03	**6.79E-03**
558701.824160402	558702	4160402	WRKR_716	8.10E-03	9.09E-04	9.95E-03	2.44E-03	**2.14E-02**	3.60E-03	1.29E-03	3.42E-03	2.73E-03	**1.10E-02**	1.93E-03	1.25E-03	2.39E-05	3.03E-03	**6.23E-03**	2.22E-03	1.52E-03	0.00E+00	4.26E-03	**8.00E-03**
558711.824160362	558712	4160362	WRKR_717	6.43E-03	7.53E-04	7.67E-03	1.98E-03	**1.68E-02**	2.86E-03	1.07E-03	2.64E-03	2.21E-03	**8.78E-03**	1.53E-03	1.03E-03	1.84E-05	2.45E-03	**5.03E-03**	1.76E-03	1.25E-03	0.00E+00	3.45E-03	**6.47E-03**
558711.824160372	558712	4160372	WRKR_718	6.81E-03	7.83E-04	8.20E-03	2.07E-03	**1.79E-02**	3.03E-03	1.11E-03	2.82E-03	2.31E-03	**9.27E-03**	1.62E-03	1.07E-03	1.97E-05	2.56E-03	**5.28E-03**	1.87E-03	1.30E-03	0.00E+00	3.61E-03	**6.78E-03**
558711.824160382	558712	4160382	WRKR_719	7.21E-03	6.45E-04	8.75E-03	1.58E-03	**1.82E-02**	3.21E-03	9.15E-04	3.00E-03	1.77E-03	**8.90E-03**	1.71E-03	8.86E-04	2.10E-05	1.96E-03	**4.58E-03**	1.98E-03	1.08E-03	0.00E+00	2.76E-03	**5.81E-03**
558711.824160392	558712	4160392	WRKR_720	7.62E-03	9.03E-04	9.32E-03	2.46E-03	**2.03E-02**	3.39E-03	1.28E-03	3.20E-03	2.75E-03	**1.06E-02**	1.81E-03	1.24E-03	2.24E-05	3.05E-03	**6.13E-03**	2.09E-03	1.51E-03	0.00E+00	4.30E-03	**7.89E-03**
558711.824160402	558712	4160402	WRKR_721	8.03E-03	5.83E-04	9.93E-03	1.44E-03	**2.00E-02**	3.58E-03	8.26E-04	3.41E-03	1.61E-03	**9.42E-03**	1.91E-03	8.00E-04	2.39E-05	1.78E-03	**4.52E-03**	2.20E-03	9.71E-04	0.00E+00	2.51E-03	**5.68E-03**
558721.824160362	558722	4160362	WRKR_722	6.42E-03	4.47E-04	7.70E-03	1.02E-03	**1.56E-02**	2.86E-03	6.34E-04	2.65E-03	1.14E-03	**7.28E-03**	1.53E-03	6.14E-04	1.85E-05	1.26E-03	**3.42E-03**	1.76E-03	7.46E-04	0.00E+00	1.77E-03	**4.28E-03**
558721.824160372	558722	4160372	WRKR_723	6.79E-03	5.00E-04	8.22E-03	1.18E-03	**1.67E-02**	3.02E-03	7.09E-04	2.82E-03	1.32E-03	**7.87E-03**	1.62E-03	6.86E-04	1.97E-05	1.46E-03	**3.78E-03**	1.86E-03	8.33E-04	0.00E+00	2.05E-03	**4.75E-03**
558721.824160382	558722	4160382	WRKR_724	7.17E-03	7.13E-04	8.76E-03	1.87E-03	**1.85E-02**	3.19E-03	1.01E-03	3.01E-03	2.10E-03	**9.31E-03**	1.71E-03	9.78E-04	2.10E-05	2.32E-03	**5.03E-03**	1.97E-03	1.19E-03	0.00E+00	3.27E-03	**6.42E-03**
558721.824160392	558722	4160392	WRKR_725	7.57E-03	5.57E-04	9.31E-03	1.36E-03	**1.88E-02**	3.37E-03	7.89E-04	3.20E-03	1.52E-03	**8.88E-03**	1.80E-03	7.64E-04	2.24E-05	1.69E-03	**4.27E-03**	2.08E-03	9.28E-04	0.00E+00	2.37E-03	**5.38E-03**
558721.824160402	558722	4160402	WRKR_726	7.97E-03	5.94E-04	9.89E-03	1.49E-03	**1.99E-02**	3.55E-03	8.42E-04	3.40E-03	1.66E-03	**9.45E-03**	1.89E-03	8.15E-04	2.38E-05	1.84E-03	**4.58E-03**	2.18E-03	9.89E-04	0.00E+00	2.59E-03	**5.77E-03**
558690.094160295	558690	4160295	WRKR_727	4.19E-03	4.12E-04	4.66E-03	8.95E-04	**1.02E-02**	1.87E-03	5.85E-04	1.60E-03	1.00E-03	**5.05E-03**	9.97E-04	5.66E-04	1.12E-05	1.11E-03	**2.68E-03**	1.15E-03	6.87E-04	0.00E+00	1.56E-03	**3.40E-03**
558690.094160305	558690	4160305	WRKR_728	4.46E-03	4.18E-04	5.01E-03	9.06E-04	**1.08E-02**	1.99E-03	5.92E-04	1.72E-03	1.01E-03	**5.31E-03**	1.06E-03	5.73E-04	1.20E-05	1.12E-03	**2.77E-03**	1.22E-03	6.96E-04	0.00E+00	1.58E-03	**3.50E-03**
558690.094160315	558690	4160315	WRKR_729	4.75E-03	4.24E-04	5.38E-03	9.19E-04	**1.15E-02**	2.11E-03	6.01E-04	1.85E-03	1.03E-03	**5.59E-03**	1.13E-03	5.81E-04	1.29E-05	1.14E-03	**2.86E-03**	1.30E-03	7.06E-04	0.00E+00	1.60E-03	**3.61E-03**
558690.094160325	558690	4160325	WRKR_730	5.05E-03	4.30E-04	5.77E-03	9.32E-04	**1.22E-02**	2.25E-03	6.10E-04	1.98E-03	1.04E-03	**5.88E-03**	1.20E-03	5.90E-04	1.39E-05	1.15E-03	**2.96E-03**	1.39E-03	7.17E-04	0.00E+00	1.63E-03	**3.73E-03**
558690.094160335	558690	4160335	WRKR_731	5.38E-03	4.39E-04	6.20E-03	9.52E-04	**1.30E-02**	2.40E-03	6.22E-04	2.13E-03	1.06E-03	**6.21E-03**	1.28E-03	6.03E-04	1.49E-05	1.18E-03	**3.08E-03**	1.48E-03	7.32E-04	0.00E+00	1.66E-03	**3.87E-03**
558700.094160295	558700	4160295	WRKR_732	4.22E-03	4.98E-04	4.72E-03	1.13E-03	**1.06E-02**	1.88E-03	7.06E-04	1.62E-03	1.26E-03	**5.47E-03**	1.00E-03	6.84E-04	1.14E-05	1.40E-03	**3.10E-03**	1.16E-03	8.30E-04	0.00E+00	1.97E-03	**3.96E-03**
558700.094160305	558700	4160305	WRKR_733	4.49E-03	5.05E-04	5.07E-03	1.15E-03	**1.12E-02**	2.00E-03	7.17E-04	1.74E-03	1.28E-03	**5.74E-03**	1.07E-03	6.94E-04	1.22E-05	1.42E-03	**3.20E-03**	1.23E-03	8.42E-04	0.00E+00	2.00E-03	**4.08E-03**
558700.094160315	558700	4160315	WRKR_734	4.78E-03	5.10E-04	5.44E-03	1.16E-03	**1.19E-02**	2.13E-03	7.24E-04	1.87E-03	1.29E-03	**6.01E-03**	1.14E-03	7.00E-04	1.31E-05	1.43E-03	**3.28E-03**	1.31E-03	8.50E-04	0.00E+00	2.02E-03	**4.18E-03**
558700.094160325	558700	4160325	WRKR_735	5.08E-03	5.15E-04	5.84E-03	1.17E-03	**1.26E-02**	2.26E-03	7.31E-04	2.00E-03	1.30E-03	**6.30E-03**	1.21E-03	7.07E-04	1.40E-05	1.44E-03	**3.37E-03**	1.39E-03	8.59E-04	0.00E+00	2.03E-03	**4.28E-03**
558700.094160335	558700	4160335	WRKR_736	5.40E-03	5.23E-04	6.26E-03	1.18E-03	**1.34E-02**	2.40E-03	7.41E-04	2.15E-03	1.32E-03	**6.62E-03**	1.28E-03	7.18E-04	1.50E-05	1.46E-03	**3.48E-03**	1.48E-03	8.71E-04	0.00E+00	2.06E-03	**4.41E-03**
558710.094160295	558710	4160295	WRKR_737	4.25E-03	6.26E-04	4.79E-03	1.53E-03	**1.12E-02**	1.89E-03	8.87E-04	1.65E-03	1.71E-03	**6.13E-03**	1.01E-03	8.59E-04	1.15E-05	1.89E-03	**3.77E-03**	1.17E-03	1.04E-03	0.00E+00	2.66E-03	**4.87E-03**
558710.094160305	558710	4160305	WRKR_738	4.52E-03	6.31E-04	5.14E-03	1.53E-03	**1.18E-02**	2.01E-03	8.95E-04	1.76E-03	1.71E-03	**6.39E-03**	1.08E-03	8.66E-04	1.23E-05	1.90E-03	**3.85E-03**	1.24E-03	1.05E-03	0.00E+00	2.68E-03	**4.97E-03**
558710.094160315	558710	4160315	WRKR_739	4.80E-03	6.36E-04	5.51E-03	1.54E-03	**1.25E-02**	2.14E-03	9.01E-04	1.89E-03	1.72E-03	**6.65E-03**	1.14E-03	8.73E-04	1.32E-05	1.90E-03	**3.93E-03**	1.32E-03	1.06E-03	0.00E+00	2.68E-03	**5.06E-03**
558710.094160325	558710	4160325	WRKR_740	5.10E-03	6.41E-04	5.90E-03	1.55E-03	**1.32E-02**	2.27E-03	9.09E-04	2.03E-03	1.73E-03	**6.93E-03**	1.21E-03	8.80E-04	1.42E-05	1.92E-03	**4.02E-03**	1.40E-03	1.07E-03	0.00E+00	2.70E-03	**5.16E-03**
558710.094160335	558710	4160335	WRKR_741	5.42E-03	6.46E-04	6.32E-03	1.55E-03	**1.39E-02**	2.41E-03	9.16E-04	2.17E-03	1.74E-03	**7.23E-03**	1.29E-03	8.87E-04	1.52E-05	1.92E-03	**4.11E-03**	1.49E-03	1.08E-03	0.00E+00	2.71E-03	**5.27E-03**
558720.094160295	558720	4160295	WRKR_742	4.28E-03	5.48E-04	4.86E-03	1.32E-03	**1.10E-02**	1.91E-03	7.77E-04	1.67E-03	1.47E-03	**5.82E-03**	1.02E-03	7.52E-04	1.17E-05	1.63E-03	**3.41E-03**	1.18E-03	9.13E-04	0.00E+00	2.30E-03	**4.38E-03**
558720.094160305	558720	4160305	WRKR_743	4.55E-03	3.84E-04	5.20E-03	8.54E-04	**1.10E-02**	2.02E-03	5.45E-04	1.79E-03	9.55E-04	**5.31E-03**	1.08E-03	5.28E-04	1.25E-05	1.06E-03	**2.68E-03**	1.25E-03	6.41E-04	0.00E+00	1.49E-03	**3.38E-03**
558720.094160315	558720	4160315	WRKR_744	4.83E-03	5.56E-04	5.57E-03	1.35E-03	**1.23E-02**	2.15E-03	7.88E-04	1.91E-03	1.51E-03	**6.36E-03**	1.15E-03	7.63E-04	1.34E-05	1.67E-03	**3.60E-03**	1.32E-03	9.26E-04	0.00E+00	2.35E-03	**4.60E-03**
558720.094160325	558720	4160325	WRKR_745	5.13E-03	5.67E-04	5.96E-03	1.37E-03	**1.30E-02**	2.28E-03	8.04E-04	2.05E-03	1.53E-03	**6.66E-03**	1.22E-03	7.79E-04	1.43E-05	1.69E-03	**3.70E-03**	1.41E-03	9.45E-04	0.00E+00	2.38E-03	**4.73E-03**
558612.684160297	558613	4160297	WRKR_746	3.99E-03	1.76E-04	4.27E-03	3.45E-04	**8.78E-03**	1.78E-03	2.50E-04	1.47E-03	3.86E-04	**3.88E-03**	9.49E-04	2.42E-04	1.03E-05	4.28E-04	**1.63E-03**	1.09E-03	2.93E-04	0.00E+00	6.02E-04	**1.99E-03**
558612.684160307	558613	4160307	WRKR_747	4.26E-03	1.83E-04	4.58E-03	3.60E-04	**9.38E-03**	1.89E-03	2.60E-04	1.57E-03	4.03E-04	**4.13E-03**	1.01E-03	2.52E-04	1.10E-05	4.46E-04	**1.72E-03**	1.17E-03	3.06E-04	0.00E+00	6.28E-04	**2.10E-03**
558612.684160317	558613	4160317	WRKR_748	4.55E-03	1.92E-04	4.92E-03	3.77E-04	**1.00E-02**	2.02E-03	2.72E-04	1.69E-03	4.22E-04	**4.41E-03**	1.08E-03	2.63E-04	1.18E-05	4.67E-04	**1.82E-03**	1.25E-03	3.19E-04	0.00E+00	6.58E-04	**2.22E-03**
558612.684160327	558613	4160327	WRKR_749	4.86E-03	2.01E-04	5.31E-03	3.97E-04	**1.08E-02**	2.16E-03	2.86E-04	1.82E-03	4.44E-04	**4.72E-03**	1.16E-03	2.76E-04	1.28E-05	4.92E-04	**1.94E-03**	1.33E-03	3.36E-04	0.00E+00	6.93E-04	**2.36E-03**
558612.684160337	558613	4160337	WRKR_750	5.21E-03	2.13E-04	5.74E-03	4.22E-04	**1.16E-02**	2.32E-03	3.02E-04	1.97E-03	4.72E-04	**5.06E-03**	1.24E-03	2.93E-04	1.38E-05	5.23E-04	**2.07E-03**	1.43E-03	3.55E-04	0.00E+00	7.36E-04	**2.52E-03**
558622.684160297	558623	4160297	WRKR_751	4.02E-03	1.89E-04	4.32E-03	3.73E-04	**8.90E-03**	1.79E-03	2.68E-04	1.48E-03	4.17E-04	**3.96E-03**	9.57E-04	2.60E-04	1.04E-05	4.62E-04	**1.69E-03**	1.10E-03	3.15E-04	0.00E+00	6.50E-04	**2.07E-03**
558622.684160307	558623	4160307	WRKR_752	4.29E-03	1.97E-04	4.63E-03	3.88E-04	**9.51E-03**	1.91E-03	2.79E-04	1.59E-03	4.33E-04	**4.21E-03**	1.02E-03	2.70E-04	1.11E-05	4.80E-04	**1.78E-03**	1.18E-03	3.28E-04	0.00E+00	6.76E-04	**2.18E-03**
558622.684160317	558623	4160317	WRKR_753	4.58E-03	2.05E-04	4.99E-03	4.05E-04	**1.02E-02**	2.04E-03	2.91E-04	1.71E-03	4.53E-04	**4.50E-03**	1.09E-03	2.81E-04	1.20E-05	5.02E-04	**1.88E-03**	1.26E-03	3.42E-04	0.00E+00	7.06E-04	**2.30E-03**
558622.684160327	558623	4160327	WRKR_754	4.90E-03	2.15E-04	5.38E-03	4.25E-04	**1.09E-02**	2.18E-03	3.05E-04	1.85E-03	4.75E-04	**4.81E-03**	1.17E-03	2.95E-04	1.29E-05	5.27E-04	**2.00E-03**	1.34E-03	3.58E-04	0.00E+00	7.42E-04	**2.44E-03**
558622.684160337	558623	4160337	WRKR_755	5.25E-03	2.27E-04	5.81E-03	4.51E-04	**1.17E-02**	2.34E-03	3.22E-04	2.00E-03	5.04E-04	**5.16E-03**	1.25E-03	3.12E-04	1.40E-05	5.59E-04	**2.13E-03**	1.44E-03	3.79E-04	0.00E+00	7.87E-04	**2.60E-03**
558632.684160297	558633	4160297	WRKR_756	4.06E-03	2.05E-04	4.37E-03	4.06E-04	**9.04E-03**	1.81E-03	2.90E-04	1.50E-03	4.54E-04	**4.05E-03**	9.65E-04	2.81E-04	1.05E-05	5.03E-04	**1.76E-03**	1.11E-03	3.41E-04	0.00E+00	7.08E-04	**2.16E-03**
558632.684160307	558633	4160307	WRKR_757	4.32E-03	2.12E-04	4.70E-03	4.21E-04	**9.65E-03**	1.93E-03	3.01E-04	1.61E-03	4.70E-04	**4.31E-03**	1.03E-03	2.91E-04	1.13E-05	5.21E-04	**1.85E-03**	1.19E-03	3.54E-04	0.00E+00	7.33E-04	**2.27E-03**
558632.684160317	558633	4160317	WRKR_758	4.62E-03	2.21E-04	5.06E-03	4.38E-04	**1.03E-02**	2.06E-03	3.13E-04	1.74E-03	4.89E-04	**4.59E-03**	1.10E-03	3.03E-04	1.22E-05	5.42E-04	**1.96E-03**	1.27E-03	3.67E-04	0.00E+00	7.64E-04	**2.40E-03**
558632.684160327	558633	4160327	WRKR_759	4.94E-03	2.30E-04	5.45E-03	4.59E-04	**1.11E-02**	2.20E-03	3.27E-04	1.87E-03	5.13E-04	**4.91E-03**	1.17E-03	3.16E-04	1.31E-05	5.68E-04	**2.07E-03**	1.35E-03	3.84E-04	0.00E+00	8.00E-04	**2.54E-03**
558632.684160337	558633	4160337	WRKR_760	5.28E-03	2.43E-04	5.89E-03	4.85E-04	**1.19E-02**	2.35E-03	3.45E-04	2.02E-03	5.42E-04	**5.26E-03**	1.26E-03	3.34E-04	1.42E-05	6.01E-04	**2.21E-03**	1.45E-03	4.05E-04	0.00E+00	8.46E-04	**2.70E-03**
558642.684160297	558643	4160297	WRKR_761	4.10E-03	2.25E-04	4.44E-03	4.49E-04	**9.21E-03**	1.82E-03	3.19E-04	1.52E-03	5.02E-04	**4.17E-03**	9.75E-04	3.09E-04	1.07E-05	5.56E-04	**1.85E-03**	1.12E-03	3.75E-04	0.00E+00	7.83E-04	**2.28E-03**
558642.684160307	558643	4160307	WRKR_762	4.36E-03	2.31E-04	4.76E-03	4.61E-04	**9.81E-03**	1.94E-03	3.27E-04	1.64E-03	5.15E-04	**4.42E-03**	1.04E-03	3.17E-04	1.14E-05	5.71E-04	**1.94E-03**	1.20E-03	3.85E-04	0.00E+00	8.03E-04	**2.38E-03**
558642.684160317	558643	4160317	WRKR_763	4.65E-03	2.39E-04	5.13E-03	4.78E-04	**1.05E-02**	2.07E-03	3.39E-04	1.76E-03	5.34E-04	**4.71E-03**	1.11E-03	3.28E-04	1.23E-05	5.92E-04	**2.04E-03**	1.28E-03	3.99E-04	0.00E+00	8.34E-04	**2.51E-03**
558642.684160327	558643	4160327	WRKR_764	4.97E-03	2.49E-04	5.53E-03	4.99E-04	**1.12E-02**	2.21E-03	3.53E-04	1.90E-03	5.58E-04	**5.02E-03**	1.18E-03	3.42E-04	1.33E-05	6.18E-04	**2.16E-03**	1.36E-03	4.15E-04	0.00E+

Annual PM2.5

				AG	AH	AL	AJ	E	G	F	H						E	G	F	H	
				Year 1 Project Concentrations (μg/m^3)				Year 2 Project Concentrations (μg/m^3)					Year 3 Project Concentrations (μg/m^3)					Year 4 Project Concentrations (μg/m^3)				
XY	X	Y	Type	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL
558652.684160317	558653	4160317	WRKR_768	4.69E-03	2.62E-04	5.20E-03	5.29E-04	**1.07E-02**	2.09E-03	3.72E-04	1.79E-03	5.91E-04	**4.84E-03**	1.12E-03	3.60E-04	1.25E-05	6.55E-04	**2.14E-03**	1.29E-03	4.37E-04	0.00E+00	9.22E-04	**2.65E-03**
558652.684160327	558653	4160327	WRKR_769	5.01E-03	2.72E-04	5.60E-03	5.49E-04	**1.14E-02**	2.23E-03	3.85E-04	1.92E-03	6.13E-04	**5.15E-03**	1.19E-03	3.73E-04	1.35E-05	6.80E-04	**2.26E-03**	1.37E-03	4.53E-04	0.00E+00	9.57E-04	**2.78E-03**
558652.684160337	558653	4160337	WRKR_770	5.36E-03	2.84E-04	6.04E-03	5.76E-04	**1.23E-02**	2.38E-03	4.03E-04	2.08E-03	6.43E-04	**5.51E-03**	1.27E-03	3.90E-04	1.45E-05	7.13E-04	**2.39E-03**	1.47E-03	4.74E-04	0.00E+00	1.00E-03	**2.95E-03**
558662.684160297	558663	4160297	WRKR_771	4.17E-03	2.79E-04	4.57E-03	5.69E-04	**9.58E-03**	1.86E-03	3.96E-04	1.57E-03	6.36E-04	**4.46E-03**	9.92E-04	3.83E-04	1.10E-05	7.04E-04	**2.09E-03**	1.14E-03	4.66E-04	0.00E+00	9.92E-04	**2.60E-03**
558662.684160307	558663	4160307	WRKR_772	4.44E-03	2.85E-04	4.90E-03	5.80E-04	**1.02E-02**	1.98E-03	4.04E-04	1.68E-03	6.48E-04	**4.71E-03**	1.06E-03	3.91E-04	1.18E-05	7.18E-04	**2.18E-03**	1.22E-03	4.74E-04	0.00E+00	1.01E-03	**2.70E-03**
558662.684160317	558663	4160317	WRKR_773	4.73E-03	2.91E-04	5.27E-03	5.94E-04	**1.09E-02**	2.10E-03	4.13E-04	1.81E-03	6.64E-04	**4.99E-03**	1.12E-03	4.00E-04	1.27E-05	7.36E-04	**2.27E-03**	1.30E-03	4.85E-04	0.00E+00	1.04E-03	**2.82E-03**
558662.684160327	558663	4160327	WRKR_774	5.04E-03	3.00E-04	5.67E-03	6.13E-04	**1.16E-02**	2.24E-03	4.25E-04	1.95E-03	6.85E-04	**5.30E-03**	1.20E-03	4.12E-04	1.36E-05	7.59E-04	**2.38E-03**	1.38E-03	5.00E-04	0.00E+00	1.07E-03	**2.95E-03**
558662.684160337	558663	4160337	WRKR_775	5.39E-03	3.12E-04	6.12E-03	6.39E-04	**1.25E-02**	2.40E-03	4.42E-04	2.10E-03	7.14E-04	**5.65E-03**	1.28E-03	4.28E-04	1.47E-05	7.91E-04	**2.52E-03**	1.48E-03	5.20E-04	0.00E+00	1.11E-03	**3.11E-03**
558672.684160297	558673	4160297	WRKR_776	4.20E-03	3.16E-04	4.62E-03	6.54E-04	**9.79E-03**	1.87E-03	4.48E-04	1.59E-03	7.31E-04	**4.63E-03**	9.98E-04	4.34E-04	1.11E-05	8.10E-04	**2.25E-03**	1.15E-03	5.27E-04	0.00E+00	1.14E-03	**2.82E-03**
558672.684160307	558673	4160307	WRKR_777	4.47E-03	3.23E-04	4.97E-03	6.68E-04	**1.04E-02**	1.99E-03	4.57E-04	1.71E-03	7.47E-04	**4.90E-03**	1.06E-03	4.43E-04	1.19E-05	8.27E-04	**2.35E-03**	1.23E-03	5.37E-04	0.00E+00	1.16E-03	**2.93E-03**
558672.684160317	558673	4160317	WRKR_778	4.76E-03	3.29E-04	5.34E-03	6.82E-04	**1.11E-02**	2.12E-03	4.67E-04	1.84E-03	7.63E-04	**5.18E-03**	1.13E-03	4.52E-04	1.28E-05	8.45E-04	**2.44E-03**	1.31E-03	5.49E-04	0.00E+00	1.19E-03	**3.04E-03**
558672.684160327	558673	4160327	WRKR_779	5.07E-03	3.37E-04	5.75E-03	6.99E-04	**1.19E-02**	2.26E-03	4.78E-04	1.97E-03	7.81E-04	**5.49E-03**	1.21E-03	4.63E-04	1.38E-05	8.66E-04	**2.55E-03**	1.39E-03	5.62E-04	0.00E+00	1.22E-03	**3.17E-03**
558672.684160337	558673	4160337	WRKR_780	5.41E-03	3.48E-04	6.18E-03	7.23E-04	**1.27E-02**	2.41E-03	4.93E-04	2.12E-03	8.08E-04	**5.84E-03**	1.29E-03	4.78E-04	1.49E-05	8.96E-04	**2.68E-03**	1.48E-03	5.80E-04	0.00E+00	1.26E-03	**3.33E-03**
558543.584160290	558544	4160291	WRKR_781	3.75E-03	1.18E-04	4.04E-03	2.29E-04	**8.14E-03**	1.67E-03	1.67E-04	1.39E-03	2.56E-04	**3.48E-03**	8.92E-04	1.62E-04	9.70E-06	2.84E-04	**1.35E-03**	1.03E-03	1.97E-04	0.00E+00	3.99E-04	**1.62E-03**
558553.584160300	558554	4160301	WRKR_782	3.99E-03	1.30E-04	4.27E-03	2.52E-04	**8.64E-03**	1.78E-03	1.84E-04	1.47E-03	2.82E-04	**3.71E-03**	9.49E-04	1.78E-04	1.03E-05	3.12E-04	**1.45E-03**	1.09E-03	2.16E-04	0.00E+00	4.39E-04	**1.75E-03**
558553.584160310	558554	4160311	WRKR_783	4.24E-03	1.36E-04	4.54E-03	2.64E-04	**9.19E-03**	1.89E-03	1.93E-04	1.56E-03	2.95E-04	**3.94E-03**	1.01E-03	1.86E-04	1.09E-05	3.27E-04	**1.53E-03**	1.16E-03	2.26E-04	0.00E+00	4.61E-04	**1.85E-03**
558553.584160320	558554	4160321	WRKR_784	4.53E-03	1.43E-04	4.85E-03	2.78E-04	**9.80E-03**	2.02E-03	2.02E-04	1.67E-03	3.11E-04	**4.20E-03**	1.08E-03	1.96E-04	1.17E-05	3.44E-04	**1.63E-03**	1.24E-03	2.38E-04	0.00E+00	4.85E-04	**1.96E-03**
558553.584160330	558554	4160331	WRKR_785	4.84E-03	1.50E-04	5.20E-03	2.93E-04	**1.05E-02**	2.15E-03	2.13E-04	1.79E-03	3.27E-04	**4.48E-03**	1.15E-03	2.06E-04	1.25E-05	3.62E-04	**1.73E-03**	1.33E-03	2.50E-04	0.00E+00	5.10E-04	**2.09E-03**
558563.584160300	558564	4160301	WRKR_786	4.00E-03	1.37E-04	4.27E-03	2.66E-04	**8.68E-03**	1.78E-03	1.94E-04	1.47E-03	2.97E-04	**3.74E-03**	9.52E-04	1.88E-04	1.03E-05	3.30E-04	**1.48E-03**	1.10E-03	2.28E-04	0.00E+00	4.64E-04	**1.79E-03**
558563.584160310	558564	4160311	WRKR_787	4.26E-03	1.43E-04	4.56E-03	2.79E-04	**9.24E-03**	1.90E-03	2.03E-04	1.57E-03	3.12E-04	**3.98E-03**	1.01E-03	1.97E-04	1.10E-05	3.46E-04	**1.57E-03**	1.17E-03	2.39E-04	0.00E+00	4.87E-04	**1.90E-03**
558563.584160320	558564	4160321	WRKR_788	4.55E-03	1.51E-04	4.87E-03	2.94E-04	**9.87E-03**	2.02E-03	2.14E-04	1.67E-03	3.29E-04	**4.24E-03**	1.08E-03	2.07E-04	1.17E-05	3.64E-04	**1.67E-03**	1.25E-03	2.51E-04	0.00E+00	5.13E-04	**2.01E-03**
558563.584160330	558564	4160331	WRKR_789	4.86E-03	1.59E-04	5.23E-03	3.10E-04	**1.06E-02**	2.17E-03	2.25E-04	1.80E-03	3.47E-04	**4.53E-03**	1.16E-03	2.18E-04	1.26E-05	3.84E-04	**1.77E-03**	1.33E-03	2.65E-04	0.00E+00	5.41E-04	**2.14E-03**
558573.584160300	558574	4160301	WRKR_790	4.02E-03	1.45E-04	4.29E-03	2.81E-04	**8.73E-03**	1.79E-03	2.05E-04	1.47E-03	3.14E-04	**3.78E-03**	9.56E-04	1.98E-04	1.03E-05	3.48E-04	**1.51E-03**	1.10E-03	2.41E-04	0.00E+00	4.90E-04	**1.83E-03**
558573.584160310	558574	4160311	WRKR_791	4.28E-03	1.51E-04	4.58E-03	2.95E-04	**9.31E-03**	1.91E-03	2.15E-04	1.57E-03	3.30E-04	**4.02E-03**	1.02E-03	2.08E-04	1.10E-05	3.66E-04	**1.60E-03**	1.18E-03	2.52E-04	0.00E+00	5.15E-04	**1.94E-03**
558573.584160320	558574	4160321	WRKR_792	4.57E-03	1.59E-04	4.90E-03	3.11E-04	**9.95E-03**	2.04E-03	2.26E-04	1.69E-03	3.48E-04	**4.29E-03**	1.09E-03	2.19E-04	1.18E-05	3.85E-04	**1.70E-03**	1.25E-03	2.66E-04	0.00E+00	5.43E-04	**2.06E-03**
558573.584160330	558574	4160331	WRKR_793	4.89E-03	1.68E-04	5.27E-03	3.29E-04	**1.07E-02**	2.18E-03	2.38E-04	1.81E-03	3.67E-04	**4.60E-03**	1.16E-03	2.31E-04	1.27E-05	4.07E-04	**1.81E-03**	1.34E-03	2.80E-04	0.00E+00	5.73E-04	**2.20E-03**
558583.584160300	558584	4160301	WRKR_794	4.04E-03	1.53E-04	4.31E-03	2.98E-04	**8.80E-03**	1.80E-03	2.17E-04	1.48E-03	3.33E-04	**3.83E-03**	9.62E-04	2.10E-04	1.04E-05	3.69E-04	**1.55E-03**	1.11E-03	2.55E-04	0.00E+00	5.20E-04	**1.88E-03**
558583.584160310	558584	4160311	WRKR_795	4.31E-03	1.60E-04	4.61E-03	3.12E-04	**9.39E-03**	1.92E-03	2.27E-04	1.58E-03	3.49E-04	**4.08E-03**	1.03E-03	2.20E-04	1.11E-05	3.87E-04	**1.64E-03**	1.18E-03	2.67E-04	0.00E+00	5.45E-04	**1.99E-03**
558583.584160320	558584	4160321	WRKR_796	4.60E-03	1.69E-04	4.94E-03	3.29E-04	**1.00E-02**	2.05E-03	2.39E-04	1.70E-03	3.68E-04	**4.35E-03**	1.09E-03	2.31E-04	1.19E-05	4.08E-04	**1.75E-03**	1.26E-03	2.81E-04	0.00E+00	5.74E-04	**2.12E-03**
558583.584160330	558584	4160331	WRKR_797	4.92E-03	1.78E-04	5.32E-03	3.48E-04	**1.08E-02**	2.19E-03	2.52E-04	1.83E-03	3.89E-04	**4.66E-03**	1.17E-03	2.44E-04	1.28E-05	4.32E-04	**1.86E-03**	1.35E-03	2.96E-04	0.00E+00	6.08E-04	**2.25E-03**
558593.584160330	558594	4160331	WRKR_798	4.96E-03	1.89E-04	5.38E-03	3.70E-04	**1.09E-02**	2.21E-03	2.68E-04	1.85E-03	4.14E-04	**4.74E-03**	1.18E-03	2.59E-04	1.29E-05	4.59E-04	**1.91E-03**	1.36E-03	3.15E-04	0.00E+00	6.46E-04	**2.32E-03**
558455.354160303	558455	4160304	WRKR_799	4.25E-03	7.95E-05	4.72E-03	1.54E-04	**9.21E-03**	1.89E-03	1.13E-04	1.62E-03	1.72E-04	**3.80E-03**	1.01E-03	1.09E-04	1.14E-05	1.91E-04	**1.32E-03**	1.17E-03	1.33E-04	0.00E+00	2.68E-04	**1.57E-03**
558455.354160313	558455	4160314	WRKR_800	4.48E-03	8.23E-05	4.96E-03	1.59E-04	**9.69E-03**	2.00E-03	1.17E-04	1.70E-03	1.78E-04	**3.99E-03**	1.07E-03	1.13E-04	1.19E-05	1.97E-04	**1.39E-03**	1.23E-03	1.37E-04	0.00E+00	2.77E-04	**1.64E-03**
558455.354160323	558455	4160324	WRKR_801	4.74E-03	8.53E-05	5.23E-03	1.65E-04	**1.02E-02**	2.11E-03	1.21E-04	1.80E-03	1.84E-04	**4.21E-03**	1.13E-03	1.17E-04	1.26E-05	2.04E-04	**1.46E-03**	1.30E-03	1.42E-04	0.00E+00	2.88E-04	**1.73E-03**
558455.354160333	558455	4160334	WRKR_802	5.02E-03	8.84E-05	5.52E-03	1.71E-04	**1.08E-02**	2.24E-03	1.25E-04	1.90E-03	1.91E-04	**4.45E-03**	1.19E-03	1.21E-04	1.33E-05	2.12E-04	**1.54E-03**	1.38E-03	1.47E-04	0.00E+00	2.98E-04	**1.82E-03**
558455.354160343	558455	4160344	WRKR_803	5.34E-03	9.16E-05	5.85E-03	1.77E-04	**1.15E-02**	2.38E-03	1.30E-04	2.01E-03	1.98E-04	**4.71E-03**	1.27E-03	1.26E-04	1.41E-05	2.19E-04	**1.63E-03**	1.46E-03	1.53E-04	0.00E+00	3.09E-04	**1.93E-03**
558465.354160303	558465	4160304	WRKR_804	4.20E-03	8.34E-05	4.64E-03	1.61E-04	**9.09E-03**	1.87E-03	1.18E-04	1.60E-03	1.80E-04	**3.76E-03**	9.98E-04	1.14E-04	1.12E-05	2.00E-04	**1.32E-03**	1.15E-03	1.39E-04	0.00E+00	2.81E-04	**1.57E-03**
558465.354160313	558465	4160314	WRKR_805	4.43E-03	8.64E-05	4.88E-03	1.67E-04	**9.57E-03**	1.97E-03	1.22E-04	1.68E-03	1.87E-04	**3.96E-03**	1.05E-03	1.19E-04	1.17E-05	2.07E-04	**1.39E-03**	1.22E-03	1.44E-04	0.00E+00	2.91E-04	**1.65E-03**
558465.354160323	558465	4160324	WRKR_806	4.69E-03	8.96E-05	5.15E-03	1.73E-04	**1.01E-02**	2.09E-03	1.27E-04	1.77E-03	1.94E-04	**4.18E-03**	1.12E-03	1.23E-04	1.24E-05	2.15E-04	**1.47E-03**	1.29E-03	1.49E-04	0.00E+00	3.02E-04	**1.74E-03**
558465.354160333	558465	4160334	WRKR_807	4.98E-03	9.29E-05	5.45E-03	1.80E-04	**1.07E-02**	2.21E-03	1.32E-04	1.87E-03	2.01E-04	**4.42E-03**	1.18E-03	1.27E-04	1.31E-05	2.23E-04	**1.55E-03**	1.36E-03	1.55E-04	0.00E+00	3.13E-04	**1.83E-03**
558465.354160343	558465	4160344	WRKR_808	5.29E-03	9.65E-05	5.78E-03	1.87E-04	**1.14E-02**	2.36E-03	1.37E-04	1.98E-03	2.09E-04	**4.69E-03**	1.26E-03	1.32E-04	1.39E-05	2.31E-04	**1.64E-03**	1.45E-03	1.61E-04	0.00E+00	3.26E-04	**1.94E-03**
558475.354160303	558475	4160304	WRKR_809	4.15E-03	8.74E-05	4.58E-03	1.69E-04	**8.98E-03**	1.85E-03	1.24E-04	1.57E-03	1.89E-04	**3.73E-03**	9.88E-04	1.20E-04	1.10E-05	2.09E-04	**1.33E-03**	1.14E-03	1.46E-04	0.00E+00	2.95E-04	**1.58E-03**
558475.354160313	558475	4160314	WRKR_810	4.39E-03	9.07E-05	4.82E-03	1.75E-04	**9.47E-03**	1.95E-03	1.29E-04	1.66E-03	1.96E-04	**3.93E-03**	1.04E-03	1.24E-04	1.16E-05	2.17E-04	**1.40E-03**	1.20E-03	1.51E-04	0.00E+00	3.06E-04	**1.66E-03**
558475.354160323	558475	4160324	WRKR_811	4.65E-03	9.42E-05	5.09E-03	1.82E-04	**1.00E-02**	2.07E-03	1.34E-04	1.75E-03	2.04E-04	**4.15E-03**	1.11E-03	1.29E-04	1.22E-05	2.26E-04	**1.47E-03**	1.28E-03	1.57E-04	0.00E+00	3.18E-04	**1.75E-03**
558475.354160333	558475	4160334	WRKR_812	4.94E-03	9.79E-05	5.39E-03	1.89E-04	**1.06E-02**	2.20E-03	1.39E-04	1.85E-03	2.12E-04	**4.40E-03**	1.17E-03	1.34E-04	1.29E-05	2.35E-04	**1.56E-03**	1.35E-03	1.63E-04	0.00E+00	3.30E-04	**1.85E-03**
558475.354160343	558475	4160344	WRKR_813	5.26E-03	1.02E-04	5.72E-03	1.97E-04	**1.13E-02**	2.34E-03	1.44E-04	1.97E-03	2.20E-04	**4.67E-03**	1.25E-03	1.40E-04	1.38E-05	2.44E-04	**1.65E-03**	1.44E-03	1.70E-04	0.00E+00	3.44E-04	**1.96E-03**
558485.354160303	558485	4160304	WRKR_814	4.12E-03	9.19E-05	4.52E-03	1.78E-04	**8.90E-03**	1.83E-03	1.30E-04	1.55E-03	1.99E-04	**3.71E-03**	9.79E-04	1.26E-04	1.09E-05	2.20E-04	**1.34E-03**	1.13E-03	1.53E-04	0.00E+00	3.10E-04	**1.59E-03**
558485.354160313	558485	4160314	WRKR_815	4.35E-03	9.51E-05	4.76E-03	1.84E-04	**9.39E-03**	1.94E-03	1.35E-04	1.64E-03	2.06E-04	**3.91E-03**	1.04E-03	1.30E-04	1.14E-05	2.28E-04	**1.41E-03**	1.19E-03	1.58E-04	0.00E+00	3.21E-04	**1.67E-03**
558485.354160323	558485	4160324	WRKR_816	4.62E-03	9.92E-05	5.03E-03	1.92E-04	**9.94E-03**	2.06E-03	1.41E-04	1.73E-03	2.15E-04	**4.14E-03**	1.10E-03	1.36E-04	1.21E-05	2.38E-04	**1.48E-03**	1.27E-03	1.65E-04	0.00E+00	3.35E-04	**1.77E-03**
558485.354160333	558485	4160334	WRKR_817	4.91E-03	1.03E-04	5.34E-03	2.00E-04	**1.06E-02**	2.19E-03	1.46E-04	1.83E-03	2.23E-04	**4.39E-03**	1.17E-03	1.42E-04	1.28E-05	2.48E-04	**1.57E-03**	1.35E-03	1.72E-04	0.00E+00	3.48E-04	**1.87E-03**
558485.354160343	558485	4160344	WRKR_818	5.24E-03	1.08E-04	5.68E-03	2.08E-04	**1.12E-02**	2.33E-03	1.53E-04	1.95E-03	2.33E-04	**4.67E-03**	1.25E-03	1.48E-04	1.37E-05	2.58E-04	**1.66E-03**	1.44E-03	1.79E-04	0.00E+00	3.63E-04	**1.98E-03**
558495.354160303	558495	4160304	WRKR_819	4.09E-03	9.67E-05	4.47E-03	1.87E-04	**8.84E-03**	1.82E-03	1.37E-04	1.53E-03	2.09E-04	**3.70E-03**	9.73E-04	1.33E-04	1.07E-05	2.32E-04	**1.35E-03**	1.12E-03	1.61E-04	0.00E+00	3.26E-04	**1.61E-03**
558495.354160313	558495	4160314	WRKR_820	4.33E-03	1.01E-04	4.71E-03	1.95E-04	**9.34E-03**	1.93E-03	1.43E-04	1.62E-03	2.18E-04	**3.91E-03**	1.03E-03	1.38E-04	1.13E-05	2.41E-04	**1.42E-03**	1.19E-03	1.68E-04	0.00E+00	3.40E-04	**1.69E-03**
558495.354160323	558495	4160324	WRKR_821	4.60E-03	1.05E-04	4.99E-03	2.03E-04	**9.90E-03**	2.05E-03	1.48E-04	1.71E-03	2.27E-04	**4.14E-03**	1.09E-03	1.44E-04	1.20E-05	2.51E-04	**1.50E-03**	1.26E-03	1.74E-04	0.00E+00	3.54E-04	**1.79E-03**
558495.354160333	558495	4160334	WRKR_822	4.89E-03	1.09E-04	5.30E-03	2.11E-04	**1.05E-02**	2.18E-03	1.55E-04	1.82E-03	2.36E-04	**4.39E-03**	1.16E-03	1.50E-04	1.27E-05	2.62E-04	**1.59E-03**	1.34E-03	1.82E-04	0.00E+00	3.68E-04	**1.89E-03**
558495.354160343	558495	4160344	WRKR_823	5.22E-03	1.14E-04	5.65E-03	2.21E-04	**1.12E-02**	2.32E-03	1.62E-04	1.94E-03	2.47E-04	**4.67E-03**	1.24E-03	1.56E-04	1.36E-05	2.74E-04	**1.69E-03**	1.43E-03	1.90E-04	0.00E+00	3.85E-04	**2.01E-03**
558505.354160303	558505	4160304	WRKR_824	4.07E-03	1.02E-04	4.43E-03	1.97E-04	**8.79E-03**	1.81E-03	1.44E-04	1.52E-03	2.20E-04	**3.70E-03**	9.68E-04	1.40E-04	1.06E-05	2.44E-04	**1.36E-03**	1.12E-03	1.70E-04	0.00E+00	3.44E-04	**1.63E-03**
558505.354160313	558505	4160314	WRKR_825	4.31E-03	1.06E-04	4.68E-03	2.05E-04	**9.30E-03**	1.92E-03	1.50E-04	1.61E-03	2.30E-04	**3.91E-03**	1.03E-03	1.46E-04	1.12E-05	2.54E-04	**1.44E-03**	1.18E-03	1.77E-04	0.00E+00	3.58E-04	**1.72E-03**
558505.354160323	558505	4160324	WRKR_826	4.58E-03	1.11E-04	4.96E-03	2.14E-04	**9.87E-03**	2.04E-03	1.57E-04	1.70E-03	2.39E-04	**4.14E-03**	1.09E-03	1.52E-04	1.19E-05	2.65E-04	**1.52E-03**	1.26E-03	1.84E-04	0.00E+00	3.74E-04	**1.81E-03**
558505.354160333	558505	4160334	WRKR_827	4.88E-03	1.15E-04	5.28E-03	2.24E-04	**1.05E-02**	2.17E-03	1.64E-04	1.81E-03	2.50E-04	**4.40E-03**	1.16E-03	1.58E-04	1.27E-05	2.77E-04	**1.61E-03**	1.34E-03	1.92E-04	0.00E+00	3.90E-04	**1.92E-03**
558515.354160303	558515	4160304	WRKR_828	4.05E-03	1.07E-04	4.39E-03	2.08E-04	**8.76E-03**	1.80E-03	1.52E-04	1.51E-03	2.33E-04	**3.70E-03**	9.64E-04	1.47E-04	1.06E-05	2.58E-04	**1.38E-03**	1.11E-03	1.79E-04	0.00E+00	3.63E-04	**1.65E-03**
558515.354160313	558515	4160314	WRKR_829	4.30E-03	1.12E-04	4.65E-03	2.17E-04	**9.28E-03**	1.92E-03	1.59E-04	1.60E-03	2.42E-04	**3.91E-03**	1.02E-03	1.54E-04	1.12E-05	2.69E-04	**1.46E-03**	1.18E-03	1.86E-04	0.00E+00	3.78E-04	**1.74E-03**
558515.354160323	558515	4160324	WRKR_830	4.58E-03	1.17E-04	4.94E-03	2.27E-04	**9.86E-03**	2.04E-03	1.66E-04	1.70E-03	2.53E-04	**4.15E-03**	1.09E-03	1.60E-04	1.19E-05	2.81E-04	**1.54E-03**	1.26E-03	1.95E-04	0.00E+00	3.95E-04	**1.84E-03**
558515.354160333	558515	4160334	WRKR_831	4.88E-03	1.22E-04	5.26E-03	2.37E-04	**1.05E-02**	2.17E-03	1.73E-04	1.81E-03	2.65E-04	**4.42E-03**	1.16E-03	1.68E-04	1.27E-05	2.94E-04	**1.64E-03**	1.34E-03	2.04E-04	0.00E+00	4.14E-04	**1.96E-03**
558525.354160303	558525	4160304	WRKR_832	4.05E-03	1.13E-04	4.37E-03	2.19E-04	**8.75E-03**	1.80E-03	1.60E-04	1.50E-03	2.45E-04	**3.71E-03**	9.63E-04	1.55E-04	1.05E-05	2.72E-04	**1.40E-03**	1.11E-03	1.88E-04	0.00E+00	3.82E-04	**1.68E-03**
558525.354160313	558525	4160314	WRKR_833	4.30E-03	1.18E-04	4.63E-03	2.29E-04	**9.28E-03**	1.91E-03	1.67E-04	1.59E-03	2.56E-04	**3.93E-03**	1.02E-03	1.62E-04	1.11E-05	2.84E-04	**1.48E-03**	1.18E-03	1.97E-04	0.00E+00	4.00E-04	**1.78E-03**
558525.354160323	558525	4160324	WRKR_834	4.58E-03	1.24E-04	4.93E-03	2.40E-04	**9.87E-03**	2.04E-03	1.75E-04	1.69E-03	2.68E-04	**4.17E-03**	1.09E-03	1.70E-04	1.18E-05	2.97E-04	**1.57E-03**	1.26E-03	2.06E-04	0.00E+00	4.18E-04	**1.88E-03**
558525.354160333	558525	4160334	WRKR_835	4.89E-03	1.29E-04	5.26E-03	2.52E-04	**1.05E-02**	2.18E-03	1.84E-04	1.81E-03	2.81E-04	**4.45E-03**	1.16E-03	1.78E-04	1.26E-05	3.12E-04	**1.66E-03**	1.34E-03	2.16E-04	0.00E+00	4.39E-04	**1.99E-03**
558535.354160303	558535	4160304	WRKR_836	4.05E-03	1.19E-04	4.35E-03	2.31E-04	**8.75E-03**	1.80E-03	1.69E-04	1.50E-03	2.58E-04	**3.73E-03**	9.63E-04	1.64E-04	1.05E-05	2.86E-04	**1.42E-03**	1.11E-03	1.99E-04	0.00E+00	4.03E-04	**1.71E-03**
558535.354160313	558535	4160314	WRKR_837	4.30E-03	1.25E-04	4.62E-03	2.42E-04	**9.29E-03**	1.92E-03	1.77E-04	1.59E-03	2.71E-04	**3.95E-03**	1.02E-03	1.71E-04	1.11E-05	3.00E-04	**1.51E-03**	1.18E-03	2.08E-04	0.00E+00	4.23E-04	**1.81E-03**
558535.354160323	558535	4160324	WRKR_838	4.59E-03	1.31E-04	4.93E-03	2.54E-04	**9.90E-03**	2.04E-03	1.85E-04	1.69E-03	2.84E-04	**4.20E-03**	1.09E-03	1.79E-04	1.18E-05	3.15E-04	**1.60E-03**	1.26E-03	2.18E-04	0.00E+00	4.43E-04	**1.92E-03**
558535.354160333	558535	4160334	WRKR_839	4.90E-03	1.37E-04	5.27E-03	2.67E-04	**1.06E-02**	2.18E-03	1.94E-04	1.81E-03	2.98E-04	**4.48E-03**	1.17E-03	1.88E-04	1.27E-05	3.30E-04	**1.70E-03**	1.34E-03	2.28E-04	0.00E+00	4.65E-04	**2.04E-03**
558616.674160229	558617	4160230	WRKR_840	2.74E-03	1.44E-04	2.90E-03	2.81E-04	**6.06E-03**	1.22E-03	2.05E-04	9.96E-04	3.14E-04	**2.73E-03**	6.51E-04	1.98E-04	6.96E-06	3.48E-04	**1.21E-03**	7.51E-04	2.41E-04	0.00E+00	4.90E-04	**1.48E-03**
558616.674160239	558617	4160240	WRKR_841	2.89E-03	1.50E-04	3.05E-03	2.93E-04	**6.38E-03**	1.29E-03	2.13E-04	1.05E-03	3.27E-04	**2.87E-03**	6.87E-04	2.06E-04	7.33E-06	3.63E-04	**1.26E-03**	7.92E-04	2.50E-04	0.00E+00	5.11E-04	**1.55E-03**
558616.674160249	558617	4160250	WRKR_842	3.05E-03

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				AG	AH	AL	AJ	E	G	F	H						E	G	F	H	
				Year 1 Project Concentrations (μg/m³)				Year 2 Project Concentrations (μg/m³)					Year 3 Project Concentrations (μg/m³)					Year 4 Project Concentrations (μg/m³)				
XY	X	Y	Type	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL
558626.674160249	558627	4160250	WRKR_845	3.07E-03	1.70E-04	3.24E-03	3.34E-04	**6.81E-03**	1.37E-03	2.41E-04	1.11E-03	3.73E-04	**3.09E-03**	7.30E-04	2.34E-04	7.78E-06	4.14E-04	**1.38E-03**	8.42E-04	2.84E-04	0.00E+00	5.82E-04	**1.71E-03**
558636.674160229	558637	4160230	WRKR_846	2.77E-03	1.73E-04	2.91E-03	3.39E-04	**6.19E-03**	1.23E-03	2.45E-04	1.00E-03	3.79E-04	**2.86E-03**	6.58E-04	2.37E-04	7.00E-06	4.20E-04	**1.32E-03**	7.59E-04	2.88E-04	0.00E+00	5.91E-04	**1.64E-03**
558636.674160239	558637	4160240	WRKR_847	2.92E-03	1.80E-04	3.07E-03	3.54E-04	**6.53E-03**	1.30E-03	2.55E-04	1.06E-03	3.95E-04	**3.01E-03**	6.95E-04	2.47E-04	7.39E-06	4.38E-04	**1.39E-03**	8.01E-04	2.99E-04	0.00E+00	6.17E-04	**1.72E-03**
558636.674160249	558637	4160250	WRKR_848	3.09E-03	1.87E-04	3.26E-03	3.69E-04	**6.90E-03**	1.38E-03	2.65E-04	1.12E-03	4.12E-04	**3.17E-03**	7.35E-04	2.57E-04	7.83E-06	4.57E-04	**1.46E-03**	8.48E-04	3.12E-04	0.00E+00	6.43E-04	**1.80E-03**
558646.674160229	558647	4160230	WRKR_849	2.78E-03	1.91E-04	2.93E-03	3.78E-04	**6.28E-03**	1.24E-03	2.71E-04	1.00E-03	4.23E-04	**2.94E-03**	6.62E-04	2.63E-04	7.03E-06	4.69E-04	**1.40E-03**	7.64E-04	3.19E-04	0.00E+00	6.60E-04	**1.74E-03**
558646.674160239	558647	4160240	WRKR_850	2.94E-03	2.00E-04	3.09E-03	3.95E-04	**6.63E-03**	1.31E-03	2.83E-04	1.06E-03	4.42E-04	**3.10E-03**	7.00E-04	2.74E-04	7.44E-06	4.90E-04	**1.47E-03**	8.07E-04	3.33E-04	0.00E+00	6.90E-04	**1.83E-03**
558646.674160249	558647	4160250	WRKR_851	3.11E-03	2.08E-04	3.28E-03	4.13E-04	**7.02E-03**	1.39E-03	2.94E-04	1.13E-03	4.61E-04	**3.27E-03**	7.40E-04	2.85E-04	7.89E-06	5.11E-04	**1.54E-03**	8.54E-04	3.46E-04	0.00E+00	7.20E-04	**1.92E-03**
558656.674160229	558657	4160230	WRKR_852	2.80E-03	2.15E-04	2.95E-03	4.29E-04	**6.39E-03**	1.25E-03	3.05E-04	1.01E-03	4.80E-04	**3.04E-03**	6.67E-04	2.95E-04	7.08E-06	5.32E-04	**1.50E-03**	7.69E-04	3.58E-04	0.00E+00	7.48E-04	**1.88E-03**
558656.674160239	558657	4160240	WRKR_853	2.96E-03	2.24E-04	3.12E-03	4.49E-04	**6.76E-03**	1.32E-03	3.18E-04	1.07E-03	5.02E-04	**3.21E-03**	7.05E-04	3.08E-04	7.50E-06	5.56E-04	**1.58E-03**	8.13E-04	3.74E-04	0.00E+00	7.83E-04	**1.97E-03**
558666.674160229	558667	4160230	WRKR_854	2.83E-03	2.45E-04	2.97E-03	4.95E-04	**6.54E-03**	1.26E-03	3.48E-04	1.02E-03	5.53E-04	**3.18E-03**	6.72E-04	3.36E-04	7.14E-06	6.13E-04	**1.63E-03**	7.75E-04	4.08E-04	0.00E+00	8.64E-04	**2.05E-03**
558666.674160239	558667	4160240	WRKR_855	2.99E-03	2.56E-04	3.15E-03	5.20E-04	**6.92E-03**	1.33E-03	3.63E-04	1.08E-03	5.81E-04	**3.36E-03**	7.11E-04	3.52E-04	7.57E-06	6.44E-04	**1.71E-03**	8.20E-04	4.27E-04	0.00E+00	9.07E-04	**2.15E-03**
558676.674160229	558677	4160230	WRKR_856	2.85E-03	2.83E-04	3.00E-03	5.83E-04	**6.72E-03**	1.27E-03	4.02E-04	1.03E-03	6.52E-04	**3.35E-03**	6.78E-04	3.89E-04	7.21E-06	7.23E-04	**1.80E-03**	7.81E-04	4.72E-04	0.00E+00	1.02E-03	**2.27E-03**
558676.674160239	558677	4160240	WRKR_857	3.01E-03	2.98E-04	3.19E-03	6.16E-04	**7.11E-03**	1.34E-03	4.22E-04	1.09E-03	6.89E-04	**3.55E-03**	7.17E-04	4.08E-04	7.66E-06	7.63E-04	**1.90E-03**	8.27E-04	4.96E-04	0.00E+00	1.07E-03	**2.40E-03**
558686.674160229	558687	4160230	WRKR_858	2.87E-03	3.34E-04	3.03E-03	7.07E-04	**6.95E-03**	1.28E-03	4.74E-04	1.04E-03	7.91E-04	**3.59E-03**	6.83E-04	4.59E-04	7.29E-06	8.76E-04	**2.03E-03**	7.88E-04	5.57E-04	0.00E+00	1.23E-03	**2.58E-03**
558686.674160239	558687	4160240	WRKR_859	3.04E-03	3.52E-04	3.23E-03	7.51E-04	**7.37E-03**	1.35E-03	4.99E-04	1.11E-03	8.39E-04	**3.80E-03**	7.23E-04	4.83E-04	7.75E-06	9.30E-04	**2.14E-03**	8.34E-04	5.86E-04	0.00E+00	1.31E-03	**2.73E-03**
558696.674160229	558697	4160230	WRKR_860	2.90E-03	4.02E-04	3.07E-03	8.88E-04	**7.26E-03**	1.29E-03	5.71E-04	1.06E-03	9.93E-04	**3.91E-03**	6.90E-04	5.52E-04	7.38E-06	1.10E-03	**2.35E-03**	7.95E-04	6.71E-04	0.00E+00	1.55E-03	**3.01E-03**
558696.674160239	558697	4160240	WRKR_861	3.07E-03	4.26E-04	3.27E-03	9.51E-04	**7.71E-03**	1.37E-03	6.04E-04	1.12E-03	1.06E-03	**4.16E-03**	7.30E-04	5.84E-04	7.86E-06	1.18E-03	**2.50E-03**	8.41E-04	7.10E-04	0.00E+00	1.66E-03	**3.21E-03**
558706.674160229	558707	4160230	WRKR_862	2.93E-03	4.95E-04	3.11E-03	1.17E-03	**7.70E-03**	1.30E-03	7.02E-04	1.07E-03	1.31E-03	**4.38E-03**	6.96E-04	6.80E-04	7.48E-06	1.45E-03	**2.83E-03**	8.02E-04	8.25E-04	0.00E+00	2.04E-03	**3.67E-03**
558706.674160239	558707	4160240	WRKR_863	3.10E-03	5.28E-04	3.32E-03	1.27E-03	**8.21E-03**	1.38E-03	7.48E-04	1.14E-03	1.42E-03	**4.69E-03**	7.36E-04	7.25E-04	7.97E-06	1.57E-03	**3.04E-03**	8.49E-04	8.80E-04	0.00E+00	2.21E-03	**3.94E-03**
558716.674160229	558717	4160230	WRKR_864	2.95E-03	6.25E-04	3.16E-03	1.64E-03	**8.37E-03**	1.31E-03	8.86E-04	1.08E-03	1.83E-03	**5.12E-03**	7.02E-04	8.57E-04	7.59E-06	2.03E-03	**3.60E-03**	8.10E-04	1.04E-03	0.00E+00	2.86E-03	**4.71E-03**
558716.674160239	558717	4160240	WRKR_865	3.12E-03	4.86E-04	3.37E-03	1.17E-03	**8.15E-03**	1.39E-03	6.89E-04	1.16E-03	1.31E-03	**4.55E-03**	7.43E-04	6.67E-04	8.09E-06	1.45E-03	**2.87E-03**	8.57E-04	8.10E-04	0.00E+00	2.05E-03	**3.71E-03**
558420.214160235	558420	4160236	WRKR_866	3.34E-03	5.52E-05	3.83E-03	1.07E-04	**7.33E-03**	1.49E-03	7.83E-05	1.32E-03	1.19E-04	**3.00E-03**	7.94E-04	7.58E-05	9.21E-06	1.32E-04	**1.01E-03**	9.15E-04	9.20E-05	0.00E+00	1.86E-04	**1.19E-03**
558420.214160245	558420	4160246	WRKR_867	3.47E-03	5.69E-05	3.98E-03	1.10E-04	**7.62E-03**	1.55E-03	8.07E-05	1.37E-03	1.23E-04	**3.12E-03**	8.26E-04	7.81E-05	9.57E-06	1.36E-04	**1.05E-03**	9.53E-04	9.48E-05	0.00E+00	1.92E-04	**1.24E-03**
558420.214160255	558420	4160256	WRKR_868	3.62E-03	5.87E-05	4.14E-03	1.13E-04	**7.93E-03**	1.61E-03	8.32E-05	1.42E-03	1.27E-04	**3.24E-03**	8.61E-04	8.05E-05	9.95E-06	1.40E-04	**1.09E-03**	9.93E-04	9.77E-05	0.00E+00	1.98E-04	**1.29E-03**
558430.214160235	558430	4160236	WRKR_869	3.27E-03	5.74E-05	3.75E-03	1.11E-04	**7.18E-03**	1.45E-03	8.14E-05	1.29E-03	1.24E-04	**2.95E-03**	7.77E-04	7.88E-05	9.00E-06	1.37E-04	**1.00E-03**	8.96E-04	9.57E-05	0.00E+00	1.94E-04	**1.19E-03**
558430.214160245	558430	4160246	WRKR_870	3.40E-03	5.92E-05	3.89E-03	1.14E-04	**7.46E-03**	1.51E-03	8.39E-05	1.34E-03	1.28E-04	**3.06E-03**	8.09E-04	8.12E-05	9.35E-06	1.42E-04	**1.04E-03**	9.33E-04	9.86E-05	0.00E+00	1.99E-04	**1.23E-03**
558430.214160255	558430	4160256	WRKR_871	3.55E-03	6.10E-05	4.04E-03	1.18E-04	**7.77E-03**	1.58E-03	8.65E-05	1.39E-03	1.32E-04	**3.19E-03**	8.44E-04	8.38E-05	9.72E-06	1.46E-04	**1.08E-03**	9.73E-04	1.02E-04	0.00E+00	2.06E-04	**1.28E-03**
558440.214160235	558440	4160236	WRKR_872	3.20E-03	5.97E-05	3.66E-03	1.15E-04	**7.04E-03**	1.43E-03	8.47E-05	1.26E-03	1.29E-04	**2.90E-03**	7.62E-04	8.20E-05	8.80E-06	1.43E-04	**9.96E-04**	8.78E-04	9.96E-05	0.00E+00	2.01E-04	**1.18E-03**
558440.214160245	558440	4160246	WRKR_873	3.34E-03	6.16E-05	3.80E-03	1.19E-04	**7.32E-03**	1.48E-03	8.74E-05	1.31E-03	1.33E-04	**3.01E-03**	7.93E-04	8.46E-05	9.14E-06	1.48E-04	**1.03E-03**	9.15E-04	1.03E-04	0.00E+00	2.08E-04	**1.23E-03**
558440.214160255	558440	4160256	WRKR_874	3.48E-03	6.36E-05	3.95E-03	1.23E-04	**7.62E-03**	1.55E-03	9.01E-05	1.36E-03	1.37E-04	**3.13E-03**	8.27E-04	8.72E-05	9.50E-06	1.52E-04	**1.08E-03**	9.54E-04	1.06E-04	0.00E+00	2.14E-04	**1.27E-03**
558450.214160235	558450	4160236	WRKR_875	3.14E-03	6.21E-05	3.58E-03	1.20E-04	**6.91E-03**	1.40E-03	8.80E-05	1.23E-03	1.34E-04	**2.85E-03**	7.48E-04	8.52E-05	8.61E-06	1.49E-04	**9.90E-04**	8.62E-04	1.03E-04	0.00E+00	2.09E-04	**1.17E-03**
558450.214160245	558450	4160246	WRKR_876	3.27E-03	6.40E-05	3.72E-03	1.24E-04	**7.18E-03**	1.46E-03	9.08E-05	1.28E-03	1.38E-04	**2.97E-03**	7.79E-04	8.79E-05	8.94E-06	1.53E-04	**1.03E-03**	8.98E-04	1.07E-04	0.00E+00	2.16E-04	**1.22E-03**
558450.214160255	558450	4160256	WRKR_877	3.42E-03	6.61E-05	3.87E-03	1.28E-04	**7.48E-03**	1.52E-03	9.38E-05	1.33E-03	1.43E-04	**3.09E-03**	8.13E-04	9.08E-05	9.30E-06	1.58E-04	**1.07E-03**	9.37E-04	1.10E-04	0.00E+00	2.23E-04	**1.27E-03**
558460.214160235	558460	4160236	WRKR_878	3.09E-03	6.45E-05	3.51E-03	1.25E-04	**6.79E-03**	1.38E-03	9.15E-05	1.21E-03	1.39E-04	**2.81E-03**	7.35E-04	8.86E-05	8.43E-06	1.55E-04	**9.86E-04**	8.47E-04	1.08E-04	0.00E+00	2.18E-04	**1.17E-03**
558460.214160245	558460	4160246	WRKR_879	3.22E-03	6.66E-05	3.65E-03	1.29E-04	**7.06E-03**	1.43E-03	9.45E-05	1.25E-03	1.44E-04	**2.92E-03**	7.66E-04	9.15E-05	8.76E-06	1.60E-04	**1.03E-03**	8.83E-04	1.11E-04	0.00E+00	2.25E-04	**1.22E-03**
558460.214160255	558460	4160256	WRKR_880	3.36E-03	6.90E-05	3.79E-03	1.33E-04	**7.35E-03**	1.50E-03	9.78E-05	1.30E-03	1.49E-04	**3.05E-03**	7.99E-04	9.47E-05	9.11E-06	1.65E-04	**1.07E-03**	9.22E-04	1.15E-04	0.00E+00	2.33E-04	**1.27E-03**
558470.214160235	558470	4160236	WRKR_881	3.04E-03	6.73E-05	3.44E-03	1.30E-04	**6.68E-03**	1.35E-03	9.54E-05	1.18E-03	1.45E-04	**2.78E-03**	7.23E-04	9.23E-05	8.27E-06	1.61E-04	**9.85E-04**	8.34E-04	1.12E-04	0.00E+00	2.27E-04	**1.17E-03**
558470.214160245	558470	4160246	WRKR_882	3.17E-03	6.95E-05	3.58E-03	1.34E-04	**6.95E-03**	1.41E-03	9.86E-05	1.23E-03	1.50E-04	**2.89E-03**	7.54E-04	9.54E-05	8.59E-06	1.66E-04	**1.02E-03**	8.69E-04	1.16E-04	0.00E+00	2.34E-04	**1.22E-03**
558470.214160255	558470	4160256	WRKR_883	3.31E-03	7.20E-05	3.72E-03	1.39E-04	**7.24E-03**	1.47E-03	1.02E-04	1.28E-03	1.56E-04	**3.01E-03**	7.87E-04	9.89E-05	8.94E-06	1.73E-04	**1.07E-03**	9.08E-04	1.20E-04	0.00E+00	2.43E-04	**1.27E-03**
558480.214160235	558480	4160236	WRKR_884	2.99E-03	7.02E-05	3.38E-03	1.36E-04	**6.58E-03**	1.33E-03	9.95E-05	1.16E-03	1.52E-04	**2.74E-03**	7.12E-04	9.63E-05	8.12E-06	1.68E-04	**9.85E-04**	8.21E-04	1.17E-04	0.00E+00	2.37E-04	**1.17E-03**
558480.214160245	558480	4160246	WRKR_885	3.13E-03	7.26E-05	3.51E-03	1.40E-04	**6.85E-03**	1.39E-03	1.03E-04	1.21E-03	1.57E-04	**2.86E-03**	7.43E-04	9.97E-05	8.44E-06	1.74E-04	**1.03E-03**	8.57E-04	1.21E-04	0.00E+00	2.45E-04	**1.22E-03**
558480.214160255	558480	4160256	WRKR_886	3.27E-03	7.53E-05	3.66E-03	1.46E-04	**7.14E-03**	1.45E-03	1.07E-04	1.26E-03	1.63E-04	**2.98E-03**	7.77E-04	1.03E-04	8.79E-06	1.80E-04	**1.07E-03**	8.96E-04	1.25E-04	0.00E+00	2.54E-04	**1.28E-03**
558490.214160235	558490	4160236	WRKR_887	2.95E-03	7.33E-05	3.32E-03	1.42E-04	**6.49E-03**	1.32E-03	1.04E-04	1.14E-03	1.58E-04	**2.72E-03**	7.03E-04	1.01E-04	7.97E-06	1.76E-04	**9.87E-04**	8.10E-04	1.22E-04	0.00E+00	2.47E-04	**1.18E-03**
558490.214160245	558490	4160246	WRKR_888	3.08E-03	7.58E-05	3.45E-03	1.46E-04	**6.75E-03**	1.37E-03	1.07E-04	1.18E-03	1.64E-04	**2.83E-03**	7.33E-04	1.04E-04	8.29E-06	1.81E-04	**1.03E-03**	8.45E-04	1.26E-04	0.00E+00	2.55E-04	**1.23E-03**
558490.214160255	558490	4160256	WRKR_889	3.23E-03	7.87E-05	3.60E-03	1.52E-04	**7.05E-03**	1.44E-03	1.12E-04	1.24E-03	1.70E-04	**2.95E-03**	7.67E-04	1.08E-04	8.64E-06	1.89E-04	**1.07E-03**	8.85E-04	1.31E-04	0.00E+00	2.66E-04	**1.28E-03**
558500.214160235	558500	4160236	WRKR_890	2.92E-03	7.67E-05	3.27E-03	1.48E-04	**6.41E-03**	1.30E-03	1.09E-04	1.12E-03	1.66E-04	**2.70E-03**	6.95E-04	1.05E-04	7.85E-06	1.84E-04	**9.92E-04**	8.01E-04	1.28E-04	0.00E+00	2.59E-04	**1.19E-03**
558500.214160245	558500	4160246	WRKR_891	3.05E-03	7.95E-05	3.40E-03	1.54E-04	**6.68E-03**	1.36E-03	1.13E-04	1.17E-03	1.72E-04	**2.81E-03**	7.26E-04	1.09E-04	8.17E-06	1.90E-04	**1.03E-03**	8.37E-04	1.32E-04	0.00E+00	2.68E-04	**1.24E-03**
558500.214160255	558500	4160256	WRKR_892	3.19E-03	8.25E-05	3.54E-03	1.60E-04	**6.98E-03**	1.42E-03	1.17E-04	1.22E-03	1.78E-04	**2.93E-03**	7.59E-04	1.13E-04	8.52E-06	1.98E-04	**1.08E-03**	8.76E-04	1.38E-04	0.00E+00	2.78E-04	**1.29E-03**
558510.214160235	558510	4160236	WRKR_893	2.89E-03	8.04E-05	3.22E-03	1.55E-04	**6.34E-03**	1.29E-03	1.14E-04	1.11E-03	1.74E-04	**2.68E-03**	6.87E-04	1.10E-04	7.74E-06	1.93E-04	**9.98E-04**	7.93E-04	1.34E-04	0.00E+00	2.71E-04	**1.20E-03**
558510.214160245	558510	4160246	WRKR_894	3.02E-03	8.34E-05	3.35E-03	1.61E-04	**6.62E-03**	1.35E-03	1.18E-04	1.15E-03	1.80E-04	**2.80E-03**	7.19E-04	1.15E-04	8.06E-06	2.00E-04	**1.04E-03**	8.29E-04	1.39E-04	0.00E+00	2.81E-04	**1.25E-03**
558510.214160255	558510	4160256	WRKR_895	3.16E-03	8.67E-05	3.50E-03	1.68E-04	**6.92E-03**	1.41E-03	1.23E-04	1.20E-03	1.87E-04	**2.92E-03**	7.53E-04	1.19E-04	8.40E-06	2.08E-04	**1.09E-03**	8.68E-04	1.44E-04	0.00E+00	2.92E-04	**1.30E-03**
558520.214160235	558520	4160236	WRKR_896	2.86E-03	8.42E-05	3.18E-03	1.63E-04	**6.29E-03**	1.27E-03	1.19E-04	1.09E-03	1.82E-04	**2.67E-03**	6.81E-04	1.16E-04	7.63E-06	2.02E-04	**1.01E-03**	7.86E-04	1.40E-04	0.00E+00	2.84E-04	**1.21E-03**
558520.214160245	558520	4160246	WRKR_897	3.00E-03	8.74E-05	3.31E-03	1.69E-04	**6.56E-03**	1.33E-03	1.24E-04	1.14E-03	1.89E-04	**2.78E-03**	7.13E-04	1.20E-04	7.95E-06	2.09E-04	**1.05E-03**	8.22E-04	1.46E-04	0.00E+00	2.95E-04	**1.26E-03**
558520.214160255	558520	4160256	WRKR_898	3.14E-03	9.09E-05	3.46E-03	1.76E-04	**6.86E-03**	1.40E-03	1.29E-04	1.19E-03	1.97E-04	**2.91E-03**	7.47E-04	1.25E-04	8.31E-06	2.18E-04	**1.10E-03**	8.62E-04	1.51E-04	0.00E+00	3.07E-04	**1.32E-03**
558530.214160235	558530	4160236	WRKR_899	2.84E-03	8.82E-05	3.14E-03	1.71E-04	**6.24E-03**	1.27E-03	1.25E-04	1.08E-03	1.91E-04	**2.66E-03**	6.76E-04	1.21E-04	7.54E-06	2.11E-04	**1.02E-03**	7.80E-04	1.47E-04	0.00E+00	2.97E-04	**1.22E-03**
558530.214160245	558530	4160246	WRKR_900	2.98E-03	9.15E-05	3.27E-03	1.77E-04	**6.52E-03**	1.33E-03	1.30E-04	1.12E-03	1.98E-04	**2.78E-03**	7.08E-04	1.26E-04	7.86E-06	2.19E-04	**1.06E-03**	8.16E-04	1.53E-04	0.00E+00	3.09E-04	**1.28E-03**
558530.214160255	558530	4160256	WRKR_901	3.12E-03	9.54E-05	3.42E-03	1.85E-04	**6.82E-03**	1.39E-03	1.35E-04	1.17E-03	2.06E-04	**2.91E-03**	7.43E-04	1.31E-04	8.22E-06	2.29E-04	**1.11E-03**	8.57E-04	1.59E-04	0.00E+00	3.22E-04	**1.34E-03**
558540.214160235	558540	4160236	WRKR_902	2.83E-03	9.26E-05	3.10E-03	1.79E-04	**6.20E-03**	1.26E-03	1.31E-04	1.07E-03	2.00E-04	**2.65E-03**	6.72E-04	1.27E-04	7.46E-06	2.22E-04	**1.03E-03**	7.75E-04	1.54E-04	0.00E+00	3.12E-04	**1.24E-03**
558540.214160245	558540	4160246	WRKR_903	2.96E-03	9.61E-05	3.24E-03	1.86E-04	**6.48E-03**	1.32E-03	1.36E-04	1.11E-03	2.08E-04	**2.78E-03**	7.04E-04	1.32E-04	7.78E-06	2.30E-04	**1.07E-03**	8.12E-04	1.60E-04	0.00E+00	3.24E-04	**1.30E-03**
558540.214160255	558540	4160256	WRKR_904	3.11E-03	1.00E-04	3.39E-03	1.94E-04	**6.79E-03**	1.38E-03	1.42E-04	1.16E-03	2.17E-04	**2.91E-03**	7.40E-04	1.38E-04	8.14E-06	2.40E-04	**1.13E-03**	8.53E-04	1.67E-04	0.00E+00	3.38E-04	**1.36E-03**
558550.214160235	558550	4160236	WRKR_905	2.81E-03	9.73E-05	3.07E-03	1.88E-04	**6.17E-03**	1.25E-03	1.38E-04	1.06E-03	2.10E-04	**2.66E-03**	6.69E-04	1.34E-04	7.38E-06	2.33E-04	**1.04E-03**	7.71E-04	1.62E-04	0.00E+00	3.28E-04	**1.26E-03**
558550.214160245	558550	4160246	WRKR_906	2.95E-03	1.01E-04	3.21E-03	1.95E-04	**6.46E-03**	1.31E-03	1.43E-04	1.10E-03	2.18E-04	**2.78E-03**	7.02E-04	1.39E-04	7.72E-06	2.42E-04	**1.09E-03**	8.09E-04	1.68E-04	0.00E+00	3.41E-04	**1.32E-03**
558550.214160255	558550	4160256	WRKR_907	3.10E-03	1.05E-04	3.36E-03	2.04E-04	**6.77E-03**	1.38E-03	1.49E-04	1.16E-03	2.28E-04	**2.91E-03**	7.38E-04	1.45E-04	8.08E-06	2.52E-04	**1.14E-03**	8.51E-04	1.76E-04	0.00E+00	3.55E-04	**1.38E-03**
558560.214160235	558560	4160236	WRKR_908	2.80E-03	1.03E-04	3.05E-03	1.98E-04	**6.15E-03**	1.25E-03	1.46E-04	1.05E-03	2.22E-04	**2.66E-03**	6.67E-04	1.41E-04	7.32E-06	2.46E-04	**1.06E-03**	7.69E-04	1.71E-04	0.00E+00	3.46E-04	**1.29E-03**
558560.214160245	558560	4160246	WRKR_909	2.94E-03	1.07E-04	3.19E-03	2.07E-04	**6.45E-03**	1.31E-03	1.52E-04	1.10E-03	2.32E-04	**2.79E-03**	7.00E-04	1.47E-04	7.66E-06	2.57E-04	**1.11E-03**	8.08E-04	1.79E-04	0.00E+00	3.61E-04	**1.35E-03**
558560.214160255	558560	4160256	WRKR_910	3.10E-03	1.12E-04	3.34E-03	2.16E-04	**6.77E-03**	1.38E-03	1.58E-04	1.15E-03	2.42E-04	**2.93E-03**	7.37E-04	1.53E-04	8.04E-06	2.68E-04	**1.17E-03**	8.50E-04	1.86E-04	0.00E+00	3.77E-04	**1.41E-03**
558570.214160235	558570	4160236	WRKR_911	2.80E-03	1.08E-04	3.02E-03	2.09E-04	**6.14E-03**	1.25E-03	1.53E-04	1.04E-03	2.34E-04	**2.67E-03**	6.66E-04	1.48E-04	7.27E-06	2.59E-04	**1.08E-03**	7.68E-04	1.80E-04	0.00E+00	3.64E-04	**1.31E-03**
558570.214160245	558570	4160246	WRKR_912	2.94E-03	1.12E-04	3.17E-03	2.17E-04	**6.44E-03**	1.31E-03	1.59E-04	1.09E-03	2.43E-04	**2.80E-03**	7.00E-04	1.54E-04	7.61E-06	2.69E-04	**1.13E-03**	8.07E-04	1.87E-04	0.00E+00	3.79E-04	**1.37E-03**
558570.214160255	558570	4160256	WRKR_913	3.10E-03	1.17E-04	3.33E-03	2.27E-04	**6.77E-03**	1.38E-03	1.66E-04	1.14E-03	2.54E-04	**2.94E-03**	7.37E-04	1.61E-04	7.99E-06	2.81E-04	**1.19E-03**	8.50E-04	1.95E-04	0.00E+00	3.96E-04	**1.44E-03**
558580.214160235	558580	4160236	WRKR_914	2.80E-03	1.15E-04	3.01E-03	2.22E-04	**6.14E-03**	1.25E-03	1.62E-04	1.03E-03	2.48E-04	**2.69E-03**	6.66E-04	1.57E-04	7.23E-06	2.74E-04	**1.10E-03**	7.67E-04	1.91E-04	0.00E+00	3.86E-04	**1.34E-03**
558580.214160245	558580	4160246	WRKR_915	2.94E-03	1.19E-04	3.15E-03	2.31E-04	**6.45E-03**	1.31E-03	1.69E-04	1.08E-03	2.58E-04	**2.82E-03**	7.00E-04	1.64E-04	7.58E-06	2.86E-04	**1.16E-03**	8.08E-04	1.99E-04	0.00E+00	4.02E-04	**1.41E-03**
558590.214160235	558590	4160236	WRKR_916	2.80E-03	1.22E-04	2.99E-03	2.37E-04	**6.15E-03**	1.25E-03	1.73E-04	1.03E-03	2.64E-04	**2.71E-03**	6.66E-04	1.68E-04	7.20E-06	2.93E-04	**1.13E-03**	7.68E-04	2.04E-04	0.00E+00	4.13E-04	**1.38E-03**
558590.214160245	558590	4160246	WRKR_917	2.95E-03	1.27E-04	3.14E-03	2.46E-04	**6.47E-03**	1.31E-03	1.80E-04	1.08E-03	2.75E-04	**2.85E-03**	7.02E-04	1.74E-04	7.56E-06	3.05E-04	**1.19E-03**	8.09E-04	2.12E-04	0.00E+00	4.29E-04	**1.45E-03**
558600.214160245	558600	4160246	WRKR_918	2.96E-03	1.36E-04	3.14E-03	2.64E-04	**6.50E-03**	1.32E-03	1.93E-04	1.08E-03	2.95E-04	**2.88E-03**	7.04E-04	1.87E-04	7.55E-06	3.27E-04	**1.23E-03**	8.12E-04	2.27E-04	0.00E+00	4.60E-04	**1.50E-03**

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	Annual PM2.5 Concentration (ug/m^3)						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.069	0.027	0.008	0.009	0.069	558066.09	4160530.12
WORKER	0.350	0.135	0.034	0.039	0.350	558151.05	4160617.13

Annual PM2.5

			Max PM2.5					Annual PM2.5 Concentration (ug/m^3)			
XY	X	Y	XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
557996.384160720	557996	4160721	557996.384160720.52	557996.4	4160720.5	WRKR_1	WORKER	0.06	0.02	0.01	0.01
557996.384160730	557996	4160731	557996.384160730.52	557996.4	4160730.5	WRKR_2	WORKER	0.05	0.02	0.01	0.01
557996.384160740	557996	4160741	557996.384160740.52	557996.4	4160740.5	WRKR_3	WORKER	0.05	0.02	0.01	0.01
558006.384160710	558006	4160711	558006.384160710.52	558006.4	4160710.5	WRKR_4	WORKER	0.06	0.02	0.01	0.01
558006.384160720	558006	4160721	558006.384160720.52	558006.4	4160720.5	WRKR_5	WORKER	0.06	0.02	0.01	0.01
558006.384160730	558006	4160731	558006.384160730.52	558006.4	4160730.5	WRKR_6	WORKER	0.06	0.02	0.01	0.01
558006.384160740	558006	4160741	558006.384160740.52	558006.4	4160740.5	WRKR_7	WORKER	0.06	0.02	0.01	0.01
558016.384160710	558016	4160711	558016.384160710.52	558016.4	4160710.5	WRKR_8	WORKER	0.07	0.03	0.01	0.01
558016.384160720	558016	4160721	558016.384160720.52	558016.4	4160720.5	WRKR_9	WORKER	0.07	0.03	0.01	0.01
558016.384160730	558016	4160731	558016.384160730.52	558016.4	4160730.5	WRKR_10	WORKER	0.07	0.03	0.01	0.01
558016.384160740	558016	4160741	558016.384160740.52	558016.4	4160740.5	WRKR_11	WORKER	0.07	0.03	0.01	0.01
558026.384160710	558026	4160711	558026.384160710.52	558026.4	4160710.5	WRKR_12	WORKER	0.08	0.03	0.01	0.01
558026.384160720	558026	4160721	558026.384160720.52	558026.4	4160720.5	WRKR_13	WORKER	0.08	0.03	0.01	0.01
558026.384160730	558026	4160731	558026.384160730.52	558026.4	4160730.5	WRKR_14	WORKER	0.08	0.03	0.01	0.01
558026.384160740	558026	4160741	558026.384160740.52	558026.4	4160740.5	WRKR_15	WORKER	0.08	0.03	0.01	0.01
558277.534160581	558278	4160581	558277.534160581.24	558277.5	4160581.2	WRKR_16	WORKER	0.23	0.09	0.02	0.03
558277.534160591	558278	4160591	558277.534160591.24	558277.5	4160591.2	WRKR_17	WORKER	0.28	0.11	0.03	0.03
558287.534160581	558288	4160581	558287.534160581.24	558287.5	4160581.2	WRKR_18	WORKER	0.22	0.09	0.02	0.03
558287.534160591	558288	4160591	558287.534160591.24	558287.5	4160591.2	WRKR_19	WORKER	0.27	0.11	0.03	0.03
558297.534160581	558298	4160581	558297.534160581.24	558297.5	4160581.2	WRKR_20	WORKER	0.22	0.08	0.02	0.03
558297.534160591	558298	4160591	558297.534160591.24	558297.5	4160591.2	WRKR_21	WORKER	0.26	0.10	0.03	0.03
558307.534160581	558308	4160581	558307.534160581.24	558307.5	4160581.2	WRKR_22	WORKER	0.21	0.08	0.02	0.03
558307.534160591	558308	4160591	558307.534160591.24	558307.5	4160591.2	WRKR_23	WORKER	0.25	0.10	0.03	0.03
558317.534160581	558318	4160581	558317.534160581.24	558317.5	4160581.2	WRKR_24	WORKER	0.20	0.08	0.02	0.02
558317.534160591	558318	4160591	558317.534160591.24	558317.5	4160591.2	WRKR_25	WORKER	0.24	0.09	0.03	0.03
558327.534160581	558328	4160581	558327.534160581.24	558327.5	4160581.2	WRKR_26	WORKER	0.19	0.07	0.02	0.02
558327.534160591	558328	4160591	558327.534160591.24	558327.5	4160591.2	WRKR_27	WORKER	0.23	0.09	0.02	0.03
558337.534160581	558338	4160581	558337.534160581.24	558337.5	4160581.2	WRKR_28	WORKER	0.18	0.07	0.02	0.02
558101.054160547	558101	4160547	558101.054160547.13	558101.1	4160547.1	WRKR_29	WORKER	0.10	0.04	0.01	0.01
558101.054160557	558101	4160557	558101.054160557.13	558101.1	4160557.1	WRKR_30	WORKER	0.11	0.04	0.01	0.01
558111.054160547	558111	4160547	558111.054160547.13	558111.1	4160547.1	WRKR_31	WORKER	0.10	0.04	0.01	0.01
558111.054160557	558111	4160557	558111.054160557.13	558111.1	4160557.1	WRKR_32	WORKER	0.11	0.04	0.01	0.01
558111.054160567	558111	4160567	558111.054160567.13	558111.1	4160567.1	WRKR_33	WORKER	0.13	0.05	0.01	0.02
558121.054160537	558121	4160537	558121.054160537.13	558121.1	4160537.1	WRKR_34	WORKER	0.10	0.04	0.01	0.01
558121.054160547	558121	4160547	558121.054160547.13	558121.1	4160547.1	WRKR_35	WORKER	0.11	0.04	0.01	0.01
558121.054160557	558121	4160557	558121.054160557.13	558121.1	4160557.1	WRKR_36	WORKER	0.12	0.05	0.01	0.02
558121.054160567	558121	4160567	558121.054160567.13	558121.1	4160567.1	WRKR_37	WORKER	0.14	0.05	0.01	0.02
558121.054160577	558121	4160577	558121.054160577.13	558121.1	4160577.1	WRKR_38	WORKER	0.15	0.06	0.02	0.02
558121.054160587	558121	4160587	558121.054160587.13	558121.1	4160587.1	WRKR_39	WORKER	0.17	0.07	0.02	0.02
558131.054160527	558131	4160527	558131.054160527.13	558131.1	4160527.1	WRKR_40	WORKER	0.10	0.04	0.01	0.01
558131.054160537	558131	4160537	558131.054160537.13	558131.1	4160537.1	WRKR_41	WORKER	0.11	0.04	0.01	0.01
558131.054160547	558131	4160547	558131.054160547.13	558131.1	4160547.1	WRKR_42	WORKER	0.12	0.05	0.01	0.01
558131.054160557	558131	4160557	558131.054160557.13	558131.1	4160557.1	WRKR_43	WORKER	0.13	0.05	0.01	0.02
558131.054160567	558131	4160567	558131.054160567.13	558131.1	4160567.1	WRKR_44	WORKER	0.15	0.06	0.02	0.02
558131.054160577	558131	4160577	558131.054160577.13	558131.1	4160577.1	WRKR_45	WORKER	0.16	0.06	0.02	0.02
558131.054160587	558131	4160587	558131.054160587.13	558131.1	4160587.1	WRKR_46	WORKER	0.18	0.07	0.02	0.02
558131.054160597	558131	4160597	558131.054160597.13	558131.1	4160597.1	WRKR_47	WORKER	0.21	0.08	0.02	0.03
558141.054160527	558141	4160527	558141.054160527.13	558141.1	4160527.1	WRKR_48	WORKER	0.10	0.04	0.01	0.01
558141.054160537	558141	4160537	558141.054160537.13	558141.1	4160537.1	WRKR_49	WORKER	0.11	0.04	0.01	0.01
558141.054160547	558141	4160547	558141.054160547.13	558141.1	4160547.1	WRKR_50	WORKER	0.12	0.05	0.01	0.02
558141.054160557	558141	4160557	558141.054160557.13	558141.1	4160557.1	WRKR_51	WORKER	0.14	0.05	0.02	0.02
558141.054160567	558141	4160567	558141.054160567.13	558141.1	4160567.1	WRKR_52	WORKER	0.16	0.06	0.02	0.02
558141.054160577	558141	4160577	558141.054160577.13	558141.1	4160577.1	WRKR_53	WORKER	0.18	0.07	0.02	0.02
558141.054160587	558141	4160587	558141.054160587.13	558141.1	4160587.1	WRKR_54	WORKER	0.20	0.08	0.02	0.02
558141.054160597	558141	4160597	558141.054160597.13	558141.1	4160597.1	WRKR_55	WORKER	0.23	0.09	0.02	0.03
558141.054160607	558141	4160607	558141.054160607.13	558141.1	4160607.1	WRKR_56	WORKER	0.27	0.10	0.03	0.03
558151.054160537	558151	4160537	558151.054160537.13	558151.1	4160537.1	WRKR_57	WORKER	0.12	0.05	0.01	0.01
558151.054160547	558151	4160547	558151.054160547.13	558151.1	4160547.1	WRKR_58	WORKER	0.13	0.05	0.01	0.02
558151.054160557	558151	4160557	558151.054160557.13	558151.1	4160557.1	WRKR_59	WORKER	0.15	0.06	0.02	0.02
558151.054160567	558151	4160567	558151.054160567.13	558151.1	4160567.1	WRKR_60	WORKER	0.17	0.06	0.02	0.02
558151.054160577	558151	4160577	558151.054160577.13	558151.1	4160577.1	WRKR_61	WORKER	0.19	0.07	0.02	0.02
558151.054160587	558151	4160587	558151.054160587.13	558151.1	4160587.1	WRKR_62	WORKER	0.22	0.08	0.02	0.03
558151.054160597	558151	4160597	558151.054160597.13	558151.1	4160597.1	WRKR_63	WORKER	0.25	0.10	0.03	0.03
558151.054160607	558151	4160607	558151.054160607.13	558151.1	4160607.1	WRKR_64	WORKER	0.30	0.11	0.03	0.03
558151.054160617	558151	4160617	558151.054160617.13	558151.1	4160617.1	WRKR_65	WORKER	0.35	0.13	0.03	0.04
558161.054160547	558161	4160547	558161.054160547.13	558161.1	4160547.1	WRKR_66	WORKER	0.14	0.05	0.01	0.02
558161.054160557	558161	4160557	558161.054160557.13	558161.1	4160557.1	WRKR_67	WORKER	0.15	0.06	0.02	0.02
558161.054160567	558161	4160567	558161.054160567.13	558161.1	4160567.1	WRKR_68	WORKER	0.18	0.07	0.02	0.02
558161.054160577	558161	4160577	558161.054160577.13	558161.1	4160577.1	WRKR_69	WORKER	0.20	0.08	0.02	0.02
558161.054160587	558161	4160587	558161.054160587.13	558161.1	4160587.1	WRKR_70	WORKER	0.24	0.09	0.02	0.03
558161.054160597	558161	4160597	558161.054160597.13	558161.1	4160597.1	WRKR_71	WORKER	0.28	0.11	0.03	0.03
558161.054160607	558161	4160607	558161.054160607.13	558161.1	4160607.1	WRKR_72	WORKER	0.33	0.13	0.03	0.04
558171.054160557	558171	4160557	558171.054160557.13	558171.1	4160557.1	WRKR_73	WORKER	0.16	0.06	0.02	0.02
558171.054160567	558171	4160567	558171.054160567.13	558171.1	4160567.1	WRKR_74	WORKER	0.19	0.07	0.02	0.02
558171.054160577	558171	4160577	558171.054160577.13	558171.1	4160577.1	WRKR_75	WORKER	0.22	0.08	0.02	0.03
558171.054160587	558171	4160587	558171.054160587.13	558171.1	4160587.1	WRKR_76	WORKER	0.26	0.10	0.03	0.03
558171.054160597	558171	4160597	558171.054160597.13	558171.1	4160597.1	WRKR_77	WORKER	0.31	0.12	0.03	0.04

	Annual PM2.5 Concentration (ug/m^3)						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.069	0.027	0.008	0.009	0.069	558066.09	4160530.12
WORKER	0.350	0.135	0.034	0.039	0.350	558151.05	4160617.13

Annual PM2.5

			Max PM2.5					Annual PM2.5 Concentration (ug/m^3)			
XY	X	Y	XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558181.054160567	558181	4160567	558181.054160567.13	558181.1	4160567.1	WRKR_78	WORKER	0.20	0.08	0.02	0.02
558181.054160577	558181	4160577	558181.054160577.13	558181.1	4160577.1	WRKR_79	WORKER	0.23	0.09	0.02	0.03
558181.054160587	558181	4160587	558181.054160587.13	558181.1	4160587.1	WRKR_80	WORKER	0.28	0.11	0.03	0.03
558191.054160577	558191	4160577	558191.054160577.13	558191.1	4160577.1	WRKR_81	WORKER	0.25	0.09	0.03	0.03
558368.544160582	558369	4160582	558368.544160582.33	558368.5	4160582.3	WRKR_82	WORKER	0.16	0.06	0.02	0.02
558378.544160582	558379	4160582	558378.544160582.33	558378.5	4160582.3	WRKR_83	WORKER	0.15	0.06	0.02	0.02
558378.544160592	558379	4160592	558378.544160592.33	558378.5	4160592.3	WRKR_84	WORKER	0.17	0.07	0.02	0.02
558378.544160602	558379	4160602	558378.544160602.33	558378.5	4160602.3	WRKR_85	WORKER	0.19	0.08	0.02	0.03
558378.544160612	558379	4160612	558378.544160612.33	558378.5	4160612.3	WRKR_86	WORKER	0.23	0.09	0.03	0.03
558388.544160582	558389	4160582	558388.544160582.33	558388.5	4160582.3	WRKR_87	WORKER	0.14	0.05	0.02	0.02
558388.544160592	558389	4160592	558388.544160592.33	558388.5	4160592.3	WRKR_88	WORKER	0.16	0.06	0.02	0.02
558388.544160602	558389	4160602	558388.544160602.33	558388.5	4160602.3	WRKR_89	WORKER	0.18	0.07	0.02	0.02
558388.544160612	558389	4160612	558388.544160612.33	558388.5	4160612.3	WRKR_90	WORKER	0.21	0.08	0.02	0.03
558398.544160582	558399	4160582	558398.544160582.33	558398.5	4160582.3	WRKR_91	WORKER	0.13	0.05	0.01	0.02
558398.544160592	558399	4160592	558398.544160592.33	558398.5	4160592.3	WRKR_92	WORKER	0.15	0.06	0.02	0.02
558398.544160602	558399	4160602	558398.544160602.33	558398.5	4160602.3	WRKR_93	WORKER	0.17	0.07	0.02	0.02
558398.544160612	558399	4160612	558398.544160612.33	558398.5	4160612.3	WRKR_94	WORKER	0.19	0.08	0.02	0.03
557976.094160490	557976	4160490	557976.094160490.12	557976.1	4160490.1	HLTN_1	RESIDENT	0.03	0.01	0.00	0.00
557976.094160500	557976	4160500	557976.094160500.12	557976.1	4160500.1	HLTN_2	RESIDENT	0.03	0.01	0.00	0.00
557976.094160510	557976	4160510	557976.094160510.12	557976.1	4160510.1	HLTN_3	RESIDENT	0.03	0.01	0.00	0.00
557976.094160520	557976	4160520	557976.094160520.12	557976.1	4160520.1	HLTN_4	RESIDENT	0.03	0.01	0.00	0.00
557976.094160530	557976	4160530	557976.094160530.12	557976.1	4160530.1	HLTN_5	RESIDENT	0.04	0.01	0.00	0.00
557986.094160480	557986	4160480	557986.094160480.12	557986.1	4160480.1	HLTN_6	RESIDENT	0.03	0.01	0.00	0.00
557986.094160490	557986	4160490	557986.094160490.12	557986.1	4160490.1	HLTN_7	RESIDENT	0.03	0.01	0.00	0.00
557986.094160500	557986	4160500	557986.094160500.12	557986.1	4160500.1	HLTN_8	RESIDENT	0.03	0.01	0.00	0.00
557986.094160510	557986	4160510	557986.094160510.12	557986.1	4160510.1	HLTN_9	RESIDENT	0.04	0.01	0.00	0.00
557986.094160520	557986	4160520	557986.094160520.12	557986.1	4160520.1	HLTN_10	RESIDENT	0.04	0.01	0.00	0.00
557986.094160530	557986	4160530	557986.094160530.12	557986.1	4160530.1	HLTN_11	RESIDENT	0.04	0.01	0.00	0.00
557996.094160480	557996	4160480	557996.094160480.12	557996.1	4160480.1	HLTN_12	RESIDENT	0.03	0.01	0.00	0.00
557996.094160490	557996	4160490	557996.094160490.12	557996.1	4160490.1	HLTN_13	RESIDENT	0.04	0.01	0.00	0.00
557996.094160500	557996	4160500	557996.094160500.12	557996.1	4160500.1	HLTN_14	RESIDENT	0.04	0.01	0.00	0.00
557996.094160510	557996	4160510	557996.094160510.12	557996.1	4160510.1	HLTN_15	RESIDENT	0.04	0.01	0.00	0.00
557996.094160520	557996	4160520	557996.094160520.12	557996.1	4160520.1	HLTN_16	RESIDENT	0.04	0.02	0.00	0.00
557996.094160530	557996	4160530	557996.094160530.12	557996.1	4160530.1	HLTN_17	RESIDENT	0.04	0.02	0.00	0.01
557996.094160540	557996	4160540	557996.094160540.12	557996.1	4160540.1	HLTN_18	RESIDENT	0.04	0.02	0.00	0.01
557996.094160550	557996	4160550	557996.094160550.12	557996.1	4160550.1	HLTN_19	RESIDENT	0.04	0.02	0.00	0.01
557996.094160560	557996	4160560	557996.094160560.12	557996.1	4160560.1	HLTN_20	RESIDENT	0.05	0.02	0.01	0.01
557996.094160570	557996	4160570	557996.094160570.12	557996.1	4160570.1	HLTN_21	RESIDENT	0.05	0.02	0.01	0.01
558006.094160480	558006	4160480	558006.094160480.12	558006.1	4160480.1	HLTN_22	RESIDENT	0.04	0.01	0.00	0.00
558006.094160490	558006	4160490	558006.094160490.12	558006.1	4160490.1	HLTN_23	RESIDENT	0.04	0.01	0.00	0.00
558006.094160500	558006	4160500	558006.094160500.12	558006.1	4160500.1	HLTN_24	RESIDENT	0.04	0.02	0.00	0.00
558006.094160510	558006	4160510	558006.094160510.12	558006.1	4160510.1	HLTN_25	RESIDENT	0.04	0.02	0.00	0.01
558006.094160520	558006	4160520	558006.094160520.12	558006.1	4160520.1	HLTN_26	RESIDENT	0.04	0.02	0.00	0.01
558006.094160530	558006	4160530	558006.094160530.12	558006.1	4160530.1	HLTN_27	RESIDENT	0.04	0.02	0.00	0.01
558006.094160540	558006	4160540	558006.094160540.12	558006.1	4160540.1	HLTN_28	RESIDENT	0.05	0.02	0.01	0.01
558006.094160550	558006	4160550	558006.094160550.12	558006.1	4160550.1	HLTN_29	RESIDENT	0.05	0.02	0.01	0.01
558006.094160560	558006	4160560	558006.094160560.12	558006.1	4160560.1	HLTN_30	RESIDENT	0.05	0.02	0.01	0.01
558006.094160570	558006	4160570	558006.094160570.12	558006.1	4160570.1	HLTN_31	RESIDENT	0.05	0.02	0.01	0.01
558016.094160480	558016	4160480	558016.094160480.12	558016.1	4160480.1	HLTN_32	RESIDENT	0.04	0.01	0.00	0.00
558016.094160490	558016	4160490	558016.094160490.12	558016.1	4160490.1	HLTN_33	RESIDENT	0.04	0.02	0.00	0.01
558016.094160500	558016	4160500	558016.094160500.12	558016.1	4160500.1	HLTN_34	RESIDENT	0.04	0.02	0.00	0.01
558016.094160510	558016	4160510	558016.094160510.12	558016.1	4160510.1	HLTN_35	RESIDENT	0.04	0.02	0.00	0.01
558016.094160520	558016	4160520	558016.094160520.12	558016.1	4160520.1	HLTN_36	RESIDENT	0.05	0.02	0.01	0.01
558016.094160530	558016	4160530	558016.094160530.12	558016.1	4160530.1	HLTN_37	RESIDENT	0.05	0.02	0.01	0.01
558016.094160540	558016	4160540	558016.094160540.12	558016.1	4160540.1	HLTN_38	RESIDENT	0.05	0.02	0.01	0.01
558016.094160550	558016	4160550	558016.094160550.12	558016.1	4160550.1	HLTN_39	RESIDENT	0.05	0.02	0.01	0.01
558016.094160560	558016	4160560	558016.094160560.12	558016.1	4160560.1	HLTN_40	RESIDENT	0.05	0.02	0.01	0.01
558016.094160570	558016	4160570	558016.094160570.12	558016.1	4160570.1	HLTN_41	RESIDENT	0.06	0.02	0.01	0.01
558026.094160480	558026	4160480	558026.094160480.12	558026.1	4160480.1	HLTN_42	RESIDENT	0.04	0.02	0.00	0.01
558026.094160490	558026	4160490	558026.094160490.12	558026.1	4160490.1	HLTN_43	RESIDENT	0.04	0.02	0.00	0.01
558026.094160500	558026	4160500	558026.094160500.12	558026.1	4160500.1	HLTN_44	RESIDENT	0.04	0.02	0.00	0.01
558026.094160510	558026	4160510	558026.094160510.12	558026.1	4160510.1	HLTN_45	RESIDENT	0.05	0.02	0.01	0.01
558026.094160520	558026	4160520	558026.094160520.12	558026.1	4160520.1	HLTN_46	RESIDENT	0.05	0.02	0.01	0.01
558026.094160530	558026	4160530	558026.094160530.12	558026.1	4160530.1	HLTN_47	RESIDENT	0.05	0.02	0.01	0.01
558026.094160540	558026	4160540	558026.094160540.12	558026.1	4160540.1	HLTN_48	RESIDENT	0.05	0.02	0.01	0.01
558026.094160550	558026	4160550	558026.094160550.12	558026.1	4160550.1	HLTN_49	RESIDENT	0.06	0.02	0.01	0.01
558026.094160560	558026	4160560	558026.094160560.12	558026.1	4160560.1	HLTN_50	RESIDENT	0.06	0.02	0.01	0.01
558026.094160570	558026	4160570	558026.094160570.12	558026.1	4160570.1	HLTN_51	RESIDENT	0.06	0.02	0.01	0.01
558036.094160480	558036	4160480	558036.094160480.12	558036.1	4160480.1	HLTN_52	RESIDENT	0.04	0.02	0.00	0.01
558036.094160490	558036	4160490	558036.094160490.12	558036.1	4160490.1	HLTN_53	RESIDENT	0.05	0.02	0.00	0.01
558036.094160500	558036	4160500	558036.094160500.12	558036.1	4160500.1	HLTN_54	RESIDENT	0.05	0.02	0.01	0.01
558036.094160510	558036	4160510	558036.094160510.12	558036.1	4160510.1	HLTN_55	RESIDENT	0.05	0.02	0.01	0.01
558036.094160520	558036	4160520	558036.094160520.12	558036.1	4160520.1	HLTN_56	RESIDENT	0.05	0.02	0.01	0.01
558036.094160530	558036	4160530	558036.094160530.12	558036.1	4160530.1	HLTN_57	RESIDENT	0.06	0.02	0.01	0.01
558036.094160540	558036	4160540	558036.094160540.12	558036.1	4160540.1	HLTN_58	RESIDENT	0.06	0.02	0.01	0.01
558036.094160550	558036	4160550	558036.094160550.12	558036.1	4160550.1	HLTN_59	RESIDENT	0.06	0.02	0.01	0.01
558036.094160560	558036	4160560	558036.094160560.12	558036.1	4160560.1	HLTN_60	RESIDENT	0.06	0.03	0.01	0.01

	Annual PM2.5 Concentration (ug/m^3)						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.069	0.027	0.008	0.009	0.069	558066.09	4160530.12
WORKER	0.350	0.135	0.034	0.039	0.350	558151.05	4160617.13

Annual PM2.5

Max PM2.5								Annual PM2.5 Concentration (ug/m^3)			
XY	X	Y	XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558046.094160480	558046	4160480	558046.094160480.12	558046.1	4160480.1	HLTN_61	RESIDENT	0.04	0.02	0.00	0.01
558046.094160490	558046	4160490	558046.094160490.12	558046.1	4160490.1	HLTN_62	RESIDENT	0.05	0.02	0.01	0.01
558046.094160500	558046	4160500	558046.094160500.12	558046.1	4160500.1	HLTN_63	RESIDENT	0.05	0.02	0.01	0.01
558046.094160510	558046	4160510	558046.094160510.12	558046.1	4160510.1	HLTN_64	RESIDENT	0.05	0.02	0.01	0.01
558046.094160520	558046	4160520	558046.094160520.12	558046.1	4160520.1	HLTN_65	RESIDENT	0.06	0.02	0.01	0.01
558046.094160530	558046	4160530	558046.094160530.12	558046.1	4160530.1	HLTN_66	RESIDENT	0.06	0.02	0.01	0.01
558046.094160540	558046	4160540	558046.094160540.12	558046.1	4160540.1	HLTN_67	RESIDENT	0.06	0.02	0.01	0.01
558046.094160550	558046	4160550	558046.094160550.12	558046.1	4160550.1	HLTN_68	RESIDENT	0.07	0.03	0.01	0.01
558056.094160480	558056	4160480	558056.094160480.12	558056.1	4160480.1	HLTN_69	RESIDENT	0.05	0.02	0.01	0.01
558056.094160490	558056	4160490	558056.094160490.12	558056.1	4160490.1	HLTN_70	RESIDENT	0.05	0.02	0.01	0.01
558056.094160500	558056	4160500	558056.094160500.12	558056.1	4160500.1	HLTN_71	RESIDENT	0.05	0.02	0.01	0.01
558056.094160510	558056	4160510	558056.094160510.12	558056.1	4160510.1	HLTN_72	RESIDENT	0.05	0.02	0.01	0.01
558056.094160520	558056	4160520	558056.094160520.12	558056.1	4160520.1	HLTN_73	RESIDENT	0.06	0.02	0.01	0.01
558056.094160530	558056	4160530	558056.094160530.12	558056.1	4160530.1	HLTN_74	RESIDENT	0.06	0.03	0.01	0.01
558056.094160540	558056	4160540	558056.094160540.12	558056.1	4160540.1	HLTN_75	RESIDENT	0.07	0.03	0.01	0.01
558066.094160480	558066	4160480	558066.094160480.12	558066.1	4160480.1	HLTN_76	RESIDENT	0.05	0.02	0.01	0.01
558066.094160490	558066	4160490	558066.094160490.12	558066.1	4160490.1	HLTN_77	RESIDENT	0.05	0.02	0.01	0.01
558066.094160500	558066	4160500	558066.094160500.12	558066.1	4160500.1	HLTN_78	RESIDENT	0.06	0.02	0.01	0.01
558066.094160510	558066	4160510	558066.094160510.12	558066.1	4160510.1	HLTN_79	RESIDENT	0.06	0.02	0.01	0.01
558066.094160520	558066	4160520	558066.094160520.12	558066.1	4160520.1	HLTN_80	RESIDENT	0.06	0.03	0.01	0.01
558066.094160530	558066	4160530	558066.094160530.12	558066.1	4160530.1	HLTN_81	RESIDENT	0.07	0.03	0.01	0.01
558076.094160480	558076	4160480	558076.094160480.12	558076.1	4160480.1	HLTN_82	RESIDENT	0.05	0.02	0.01	0.01
558076.094160490	558076	4160490	558076.094160490.12	558076.1	4160490.1	HLTN_83	RESIDENT	0.06	0.02	0.01	0.01
558076.094160500	558076	4160500	558076.094160500.12	558076.1	4160500.1	HLTN_84	RESIDENT	0.06	0.02	0.01	0.01
558076.094160510	558076	4160510	558076.094160510.12	558076.1	4160510.1	HLTN_85	RESIDENT	0.06	0.03	0.01	0.01
558076.094160520	558076	4160520	558076.094160520.12	558076.1	4160520.1	HLTN_86	RESIDENT	0.07	0.03	0.01	0.01
558086.094160490	558086	4160490	558086.094160490.12	558086.1	4160490.1	HLTN_87	RESIDENT	0.06	0.02	0.01	0.01
558086.094160500	558086	4160500	558086.094160500.12	558086.1	4160500.1	HLTN_88	RESIDENT	0.06	0.02	0.01	0.01
558086.094160510	558086	4160510	558086.094160510.12	558086.1	4160510.1	HLTN_89	RESIDENT	0.07	0.03	0.01	0.01
558096.094160490	558096	4160490	558096.094160490.12	558096.1	4160490.1	HLTN_90	RESIDENT	0.06	0.02	0.01	0.01
558096.094160500	558096	4160500	558096.094160500.12	558096.1	4160500.1	HLTN_91	RESIDENT	0.07	0.03	0.01	0.01
558186.784160496	558187	4160496	558186.784160496.28	558186.8	4160496.3	WRKR_95	WORKER	0.08	0.03	0.01	0.01
558186.784160506	558187	4160506	558186.784160506.28	558186.8	4160506.3	WRKR_96	WORKER	0.08	0.03	0.01	0.01
558196.784160496	558197	4160496	558196.784160496.28	558196.8	4160496.3	WRKR_97	WORKER	0.08	0.03	0.01	0.01
558196.784160506	558197	4160506	558196.784160506.28	558196.8	4160506.3	WRKR_98	WORKER	0.08	0.03	0.01	0.01
558196.784160516	558197	4160516	558196.784160516.28	558196.8	4160516.3	WRKR_99	WORKER	0.09	0.04	0.01	0.01
558196.784160526	558197	4160526	558196.784160526.28	558196.8	4160526.3	WRKR_100	WORKER	0.11	0.04	0.01	0.01
558206.784160506	558207	4160506	558206.784160506.28	558206.8	4160506.3	WRKR_101	WORKER	0.08	0.03	0.01	0.01
558206.784160516	558207	4160516	558206.784160516.28	558206.8	4160516.3	WRKR_102	WORKER	0.09	0.04	0.01	0.01
558206.784160526	558207	4160526	558206.784160526.28	558206.8	4160526.3	WRKR_103	WORKER	0.10	0.04	0.01	0.01
558206.784160536	558207	4160536	558206.784160536.28	558206.8	4160536.3	WRKR_104	WORKER	0.12	0.05	0.01	0.02
558216.784160516	558217	4160516	558216.784160516.28	558216.8	4160516.3	WRKR_105	WORKER	0.09	0.04	0.01	0.01
558216.784160526	558217	4160526	558216.784160526.28	558216.8	4160526.3	WRKR_106	WORKER	0.10	0.04	0.01	0.01
558216.784160536	558217	4160536	558216.784160536.28	558216.8	4160536.3	WRKR_107	WORKER	0.12	0.05	0.01	0.01
558216.784160546	558217	4160546	558216.784160546.28	558216.8	4160546.3	WRKR_108	WORKER	0.14	0.05	0.01	0.02
558226.784160526	558227	4160526	558226.784160526.28	558226.8	4160526.3	WRKR_109	WORKER	0.10	0.04	0.01	0.01
558226.784160536	558227	4160536	558226.784160536.28	558226.8	4160536.3	WRKR_110	WORKER	0.12	0.05	0.01	0.01
558226.784160546	558227	4160546	558226.784160546.28	558226.8	4160546.3	WRKR_111	WORKER	0.13	0.05	0.01	0.02
558236.784160536	558237	4160536	558236.784160536.28	558236.8	4160536.3	WRKR_112	WORKER	0.11	0.04	0.01	0.01
558115.174160402	558115	4160403	558115.174160402.59	558115.2	4160402.6	WRKR_113	WORKER	0.04	0.01	0.00	0.00
558115.174160412	558115	4160413	558115.174160412.59	558115.2	4160412.6	WRKR_114	WORKER	0.04	0.01	0.00	0.00
558115.174160422	558115	4160423	558115.174160422.59	558115.2	4160422.6	WRKR_115	WORKER	0.04	0.02	0.00	0.01
558115.174160432	558115	4160433	558115.174160432.59	558115.2	4160432.6	WRKR_116	WORKER	0.04	0.02	0.00	0.01
558115.174160442	558115	4160443	558115.174160442.59	558115.2	4160442.6	WRKR_117	WORKER	0.05	0.02	0.01	0.01
558125.174160392	558125	4160393	558125.174160392.59	558125.2	4160392.6	WRKR_118	WORKER	0.03	0.01	0.00	0.00
558125.174160402	558125	4160403	558125.174160402.59	558125.2	4160402.6	WRKR_119	WORKER	0.04	0.01	0.00	0.00
558125.174160412	558125	4160413	558125.174160412.59	558125.2	4160412.6	WRKR_120	WORKER	0.04	0.02	0.00	0.00
558125.174160422	558125	4160423	558125.174160422.59	558125.2	4160422.6	WRKR_121	WORKER	0.04	0.02	0.00	0.01
558125.174160432	558125	4160433	558125.174160432.59	558125.2	4160432.6	WRKR_122	WORKER	0.04	0.02	0.00	0.01
558125.174160442	558125	4160443	558125.174160442.59	558125.2	4160442.6	WRKR_123	WORKER	0.05	0.02	0.01	0.01
558135.174160372	558135	4160373	558135.174160372.59	558135.2	4160372.6	WRKR_124	WORKER	0.03	0.01	0.00	0.00
558135.174160382	558135	4160383	558135.174160382.59	558135.2	4160382.6	WRKR_125	WORKER	0.03	0.01	0.00	0.00
558135.174160392	558135	4160393	558135.174160392.59	558135.2	4160392.6	WRKR_126	WORKER	0.03	0.01	0.00	0.00
558135.174160402	558135	4160403	558135.174160402.59	558135.2	4160402.6	WRKR_127	WORKER	0.04	0.01	0.00	0.00
558135.174160412	558135	4160413	558135.174160412.59	558135.2	4160412.6	WRKR_128	WORKER	0.04	0.02	0.00	0.00
558135.174160422	558135	4160423	558135.174160422.59	558135.2	4160422.6	WRKR_129	WORKER	0.04	0.02	0.00	0.01
558135.174160432	558135	4160433	558135.174160432.59	558135.2	4160432.6	WRKR_130	WORKER	0.04	0.02	0.00	0.01
558135.174160442	558135	4160443	558135.174160442.59	558135.2	4160442.6	WRKR_131	WORKER	0.05	0.02	0.01	0.01
558145.174160372	558145	4160373	558145.174160372.59	558145.2	4160372.6	WRKR_132	WORKER	0.03	0.01	0.00	0.00
558145.174160382	558145	4160383	558145.174160382.59	558145.2	4160382.6	WRKR_133	WORKER	0.03	0.01	0.00	0.00
558145.174160392	558145	4160393	558145.174160392.59	558145.2	4160392.6	WRKR_134	WORKER	0.03	0.01	0.00	0.00
558145.174160402	558145	4160403	558145.174160402.59	558145.2	4160402.6	WRKR_135	WORKER	0.04	0.01	0.00	0.00
558145.174160412	558145	4160413	558145.174160412.59	558145.2	4160412.6	WRKR_136	WORKER	0.04	0.02	0.00	0.00
558145.174160422	558145	4160423	558145.174160422.59	558145.2	4160422.6	WRKR_137	WORKER	0.04	0.02	0.00	0.01
558145.174160432	558145	4160433	558145.174160432.59	558145.2	4160432.6	WRKR_138	WORKER	0.05	0.02	0.00	0.01
558145.174160442	558145	4160443	558145.174160442.59	558145.2	4160442.6	WRKR_139	WORKER	0.05	0.02	0.01	0.01
558155.174160372	558155	4160373	558155.174160372.59	558155.2	4160372.6	WRKR_140	WORKER	0.03	0.01	0.00	0.00

	Annual PM2.5 Concentration (ug/m^3)						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.069	0.027	0.008	0.009	0.069	558066.09	4160530.12
WORKER	0.350	0.135	0.034	0.039	0.350	558151.05	4160617.13

Annual PM2.5

			Max PM2.5					Annual PM2.5 Concentration (ug/m^3)			
XY	X	Y	XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558155.174160382	558155	4160383	558155.174160382.59	558155.2	4160382.6	WRKR_141	WORKER	0.03	0.01	0.00	0.00
558155.174160392	558155	4160393	558155.174160392.59	558155.2	4160392.6	WRKR_142	WORKER	0.03	0.01	0.00	0.00
558155.174160402	558155	4160403	558155.174160402.59	558155.2	4160402.6	WRKR_143	WORKER	0.04	0.01	0.00	0.00
558155.174160412	558155	4160413	558155.174160412.59	558155.2	4160412.6	WRKR_144	WORKER	0.04	0.02	0.00	0.00
558155.174160422	558155	4160423	558155.174160422.59	558155.2	4160422.6	WRKR_145	WORKER	0.04	0.02	0.00	0.01
558155.174160432	558155	4160433	558155.174160432.59	558155.2	4160432.6	WRKR_146	WORKER	0.05	0.02	0.01	0.01
558155.174160442	558155	4160443	558155.174160442.59	558155.2	4160442.6	WRKR_147	WORKER	0.05	0.02	0.01	0.01
558165.174160362	558165	4160363	558165.174160362.59	558165.2	4160362.6	WRKR_148	WORKER	0.03	0.01	0.00	0.00
558165.174160372	558165	4160373	558165.174160372.59	558165.2	4160372.6	WRKR_149	WORKER	0.03	0.01	0.00	0.00
558165.174160382	558165	4160383	558165.174160382.59	558165.2	4160382.6	WRKR_150	WORKER	0.03	0.01	0.00	0.00
558165.174160392	558165	4160393	558165.174160392.59	558165.2	4160392.6	WRKR_151	WORKER	0.03	0.01	0.00	0.00
558165.174160402	558165	4160403	558165.174160402.59	558165.2	4160402.6	WRKR_152	WORKER	0.04	0.01	0.00	0.00
558165.174160412	558165	4160413	558165.174160412.59	558165.2	4160412.6	WRKR_153	WORKER	0.04	0.02	0.00	0.00
558165.174160422	558165	4160423	558165.174160422.59	558165.2	4160422.6	WRKR_154	WORKER	0.04	0.02	0.00	0.01
558165.174160432	558165	4160433	558165.174160432.59	558165.2	4160432.6	WRKR_155	WORKER	0.05	0.02	0.01	0.01
558175.174160362	558175	4160363	558175.174160362.59	558175.2	4160362.6	WRKR_156	WORKER	0.03	0.01	0.00	0.00
558175.174160372	558175	4160373	558175.174160372.59	558175.2	4160372.6	WRKR_157	WORKER	0.03	0.01	0.00	0.00
558175.174160382	558175	4160383	558175.174160382.59	558175.2	4160382.6	WRKR_158	WORKER	0.03	0.01	0.00	0.00
558175.174160392	558175	4160393	558175.174160392.59	558175.2	4160392.6	WRKR_159	WORKER	0.03	0.01	0.00	0.00
558175.174160402	558175	4160403	558175.174160402.59	558175.2	4160402.6	WRKR_160	WORKER	0.04	0.01	0.00	0.00
558175.174160412	558175	4160413	558175.174160412.59	558175.2	4160412.6	WRKR_161	WORKER	0.04	0.02	0.00	0.00
558175.174160422	558175	4160423	558175.174160422.59	558175.2	4160422.6	WRKR_162	WORKER	0.04	0.02	0.00	0.01
558185.174160362	558185	4160363	558185.174160362.59	558185.2	4160362.6	WRKR_163	WORKER	0.03	0.01	0.00	0.00
558185.174160372	558185	4160373	558185.174160372.59	558185.2	4160372.6	WRKR_164	WORKER	0.03	0.01	0.00	0.00
558185.174160382	558185	4160383	558185.174160382.59	558185.2	4160382.6	WRKR_165	WORKER	0.03	0.01	0.00	0.00
558185.174160392	558185	4160393	558185.174160392.59	558185.2	4160392.6	WRKR_166	WORKER	0.03	0.01	0.00	0.00
558185.174160402	558185	4160403	558185.174160402.59	558185.2	4160402.6	WRKR_167	WORKER	0.04	0.01	0.00	0.00
558185.174160412	558185	4160413	558185.174160412.59	558185.2	4160412.6	WRKR_168	WORKER	0.04	0.01	0.00	0.00
558185.174160422	558185	4160423	558185.174160422.59	558185.2	4160422.6	WRKR_169	WORKER	0.04	0.02	0.00	0.01
558185.174160432	558185	4160433	558185.174160432.59	558185.2	4160432.6	WRKR_170	WORKER	0.04	0.02	0.00	0.01
558185.174160442	558185	4160443	558185.174160442.59	558185.2	4160442.6	WRKR_171	WORKER	0.05	0.02	0.01	0.01
558195.174160362	558195	4160363	558195.174160362.59	558195.2	4160362.6	WRKR_172	WORKER	0.03	0.01	0.00	0.00
558195.174160372	558195	4160373	558195.174160372.59	558195.2	4160372.6	WRKR_173	WORKER	0.03	0.01	0.00	0.00
558195.174160382	558195	4160383	558195.174160382.59	558195.2	4160382.6	WRKR_174	WORKER	0.03	0.01	0.00	0.00
558195.174160392	558195	4160393	558195.174160392.59	558195.2	4160392.6	WRKR_175	WORKER	0.03	0.01	0.00	0.00
558195.174160402	558195	4160403	558195.174160402.59	558195.2	4160402.6	WRKR_176	WORKER	0.03	0.01	0.00	0.00
558195.174160412	558195	4160413	558195.174160412.59	558195.2	4160412.6	WRKR_177	WORKER	0.04	0.01	0.00	0.00
558195.174160422	558195	4160423	558195.174160422.59	558195.2	4160422.6	WRKR_178	WORKER	0.04	0.02	0.00	0.01
558195.174160432	558195	4160433	558195.174160432.59	558195.2	4160432.6	WRKR_179	WORKER	0.04	0.02	0.00	0.01
558195.174160442	558195	4160443	558195.174160442.59	558195.2	4160442.6	WRKR_180	WORKER	0.05	0.02	0.01	0.01
558195.174160452	558195	4160453	558195.174160452.59	558195.2	4160452.6	WRKR_181	WORKER	0.05	0.02	0.01	0.01
558205.174160362	558205	4160363	558205.174160362.59	558205.2	4160362.6	WRKR_182	WORKER	0.03	0.01	0.00	0.00
558205.174160372	558205	4160373	558205.174160372.59	558205.2	4160372.6	WRKR_183	WORKER	0.03	0.01	0.00	0.00
558205.174160382	558205	4160383	558205.174160382.59	558205.2	4160382.6	WRKR_184	WORKER	0.03	0.01	0.00	0.00
558205.174160392	558205	4160393	558205.174160392.59	558205.2	4160392.6	WRKR_185	WORKER	0.03	0.01	0.00	0.00
558205.174160402	558205	4160403	558205.174160402.59	558205.2	4160402.6	WRKR_186	WORKER	0.03	0.01	0.00	0.00
558205.174160412	558205	4160413	558205.174160412.59	558205.2	4160412.6	WRKR_187	WORKER	0.04	0.01	0.00	0.00
558205.174160422	558205	4160423	558205.174160422.59	558205.2	4160422.6	WRKR_188	WORKER	0.04	0.02	0.00	0.01
558205.174160432	558205	4160433	558205.174160432.59	558205.2	4160432.6	WRKR_189	WORKER	0.04	0.02	0.00	0.01
558205.174160442	558205	4160443	558205.174160442.59	558205.2	4160442.6	WRKR_190	WORKER	0.05	0.02	0.01	0.01
558205.174160452	558205	4160453	558205.174160452.59	558205.2	4160452.6	WRKR_191	WORKER	0.05	0.02	0.01	0.01
558205.174160462	558205	4160463	558205.174160462.59	558205.2	4160462.6	WRKR_192	WORKER	0.05	0.02	0.01	0.01
558215.174160362	558215	4160363	558215.174160362.59	558215.2	4160362.6	WRKR_193	WORKER	0.03	0.01	0.00	0.00
558215.174160372	558215	4160373	558215.174160372.59	558215.2	4160372.6	WRKR_194	WORKER	0.03	0.01	0.00	0.00
558215.174160382	558215	4160383	558215.174160382.59	558215.2	4160382.6	WRKR_195	WORKER	0.03	0.01	0.00	0.00
558215.174160392	558215	4160393	558215.174160392.59	558215.2	4160392.6	WRKR_196	WORKER	0.03	0.01	0.00	0.00
558215.174160402	558215	4160403	558215.174160402.59	558215.2	4160402.6	WRKR_197	WORKER	0.03	0.01	0.00	0.00
558215.174160412	558215	4160413	558215.174160412.59	558215.2	4160412.6	WRKR_198	WORKER	0.04	0.01	0.00	0.00
558215.174160422	558215	4160423	558215.174160422.59	558215.2	4160422.6	WRKR_199	WORKER	0.04	0.02	0.00	0.00
558215.174160432	558215	4160433	558215.174160432.59	558215.2	4160432.6	WRKR_200	WORKER	0.04	0.02	0.00	0.01
558215.174160442	558215	4160443	558215.174160442.59	558215.2	4160442.6	WRKR_201	WORKER	0.05	0.02	0.01	0.01
558215.174160452	558215	4160453	558215.174160452.59	558215.2	4160452.6	WRKR_202	WORKER	0.05	0.02	0.01	0.01
558215.174160462	558215	4160463	558215.174160462.59	558215.2	4160462.6	WRKR_203	WORKER	0.05	0.02	0.01	0.01
558215.174160472	558215	4160473	558215.174160472.59	558215.2	4160472.6	WRKR_204	WORKER	0.06	0.02	0.01	0.01
558225.174160362	558225	4160363	558225.174160362.59	558225.2	4160362.6	WRKR_205	WORKER	0.02	0.01	0.00	0.00
558225.174160372	558225	4160373	558225.174160372.59	558225.2	4160372.6	WRKR_206	WORKER	0.03	0.01	0.00	0.00
558225.174160382	558225	4160383	558225.174160382.59	558225.2	4160382.6	WRKR_207	WORKER	0.03	0.01	0.00	0.00
558225.174160392	558225	4160393	558225.174160392.59	558225.2	4160392.6	WRKR_208	WORKER	0.03	0.01	0.00	0.00
558225.174160402	558225	4160403	558225.174160402.59	558225.2	4160402.6	WRKR_209	WORKER	0.03	0.01	0.00	0.00
558225.174160412	558225	4160413	558225.174160412.59	558225.2	4160412.6	WRKR_210	WORKER	0.03	0.01	0.00	0.00
558225.174160422	558225	4160423	558225.174160422.59	558225.2	4160422.6	WRKR_211	WORKER	0.04	0.01	0.00	0.00
558225.174160432	558225	4160433	558225.174160432.59	558225.2	4160432.6	WRKR_212	WORKER	0.04	0.02	0.00	0.01
558225.174160442	558225	4160443	558225.174160442.59	558225.2	4160442.6	WRKR_213	WORKER	0.04	0.02	0.00	0.01
558225.174160452	558225	4160453	558225.174160452.59	558225.2	4160452.6	WRKR_214	WORKER	0.05	0.02	0.01	0.01
558225.174160462	558225	4160463	558225.174160462.59	558225.2	4160462.6	WRKR_215	WORKER	0.05	0.02	0.01	0.01
558225.174160472	558225	4160473	558225.174160472.59	558225.2	4160472.6	WRKR_216	WORKER	0.06	0.02	0.01	0.01
558225.174160482	558225	4160483	558225.174160482.59	558225.2	4160482.6	WRKR_217	WORKER	0.06	0.02	0.01	0.01

	Annual PM2.5 Concentration (ug/m^3)						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.069	0.027	0.008	0.009	0.069	558066.09	4160530.12
WORKER	0.350	0.135	0.034	0.039	0.350	558151.05	4160617.13

Annual PM2.5

			Max PM2.5					Annual PM2.5 Concentration (ug/m^3)			
XY	X	Y	XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558235.174160362	558235	4160363	558235.174160362.59	558235.2	4160362.6	WRKR_218	WORKER	0.02	0.01	0.00	0.00
558235.174160372	558235	4160373	558235.174160372.59	558235.2	4160372.6	WRKR_219	WORKER	0.03	0.01	0.00	0.00
558235.174160382	558235	4160383	558235.174160382.59	558235.2	4160382.6	WRKR_220	WORKER	0.03	0.01	0.00	0.00
558235.174160392	558235	4160393	558235.174160392.59	558235.2	4160392.6	WRKR_221	WORKER	0.03	0.01	0.00	0.00
558235.174160402	558235	4160403	558235.174160402.59	558235.2	4160402.6	WRKR_222	WORKER	0.03	0.01	0.00	0.00
558235.174160412	558235	4160413	558235.174160412.59	558235.2	4160412.6	WRKR_223	WORKER	0.03	0.01	0.00	0.00
558235.174160422	558235	4160423	558235.174160422.59	558235.2	4160422.6	WRKR_224	WORKER	0.04	0.01	0.00	0.00
558235.174160432	558235	4160433	558235.174160432.59	558235.2	4160432.6	WRKR_225	WORKER	0.04	0.02	0.00	0.01
558235.174160442	558235	4160443	558235.174160442.59	558235.2	4160442.6	WRKR_226	WORKER	0.04	0.02	0.00	0.01
558235.174160452	558235	4160453	558235.174160452.59	558235.2	4160452.6	WRKR_227	WORKER	0.05	0.02	0.01	0.01
558235.174160462	558235	4160463	558235.174160462.59	558235.2	4160462.6	WRKR_228	WORKER	0.05	0.02	0.01	0.01
558235.174160472	558235	4160473	558235.174160472.59	558235.2	4160472.6	WRKR_229	WORKER	0.06	0.02	0.01	0.01
558235.174160482	558235	4160483	558235.174160482.59	558235.2	4160482.6	WRKR_230	WORKER	0.06	0.02	0.01	0.01
558235.174160492	558235	4160493	558235.174160492.59	558235.2	4160492.6	WRKR_231	WORKER	0.07	0.03	0.01	0.01
558245.174160362	558245	4160363	558245.174160362.59	558245.2	4160362.6	WRKR_232	WORKER	0.02	0.01	0.00	0.00
558245.174160372	558245	4160373	558245.174160372.59	558245.2	4160372.6	WRKR_233	WORKER	0.02	0.01	0.00	0.00
558245.174160382	558245	4160383	558245.174160382.59	558245.2	4160382.6	WRKR_234	WORKER	0.03	0.01	0.00	0.00
558245.174160392	558245	4160393	558245.174160392.59	558245.2	4160392.6	WRKR_235	WORKER	0.03	0.01	0.00	0.00
558245.174160402	558245	4160403	558245.174160402.59	558245.2	4160402.6	WRKR_236	WORKER	0.03	0.01	0.00	0.00
558245.174160412	558245	4160413	558245.174160412.59	558245.2	4160412.6	WRKR_237	WORKER	0.03	0.01	0.00	0.00
558245.174160422	558245	4160423	558245.174160422.59	558245.2	4160422.6	WRKR_238	WORKER	0.04	0.01	0.00	0.00
558245.174160432	558245	4160433	558245.174160432.59	558245.2	4160432.6	WRKR_239	WORKER	0.04	0.02	0.00	0.01
558245.174160442	558245	4160443	558245.174160442.59	558245.2	4160442.6	WRKR_240	WORKER	0.04	0.02	0.00	0.01
558245.174160452	558245	4160453	558245.174160452.59	558245.2	4160452.6	WRKR_241	WORKER	0.05	0.02	0.01	0.01
558245.174160462	558245	4160463	558245.174160462.59	558245.2	4160462.6	WRKR_242	WORKER	0.05	0.02	0.01	0.01
558245.174160472	558245	4160473	558245.174160472.59	558245.2	4160472.6	WRKR_243	WORKER	0.05	0.02	0.01	0.01
558245.174160482	558245	4160483	558245.174160482.59	558245.2	4160482.6	WRKR_244	WORKER	0.06	0.02	0.01	0.01
558245.174160492	558245	4160493	558245.174160492.59	558245.2	4160492.6	WRKR_245	WORKER	0.07	0.03	0.01	0.01
558245.174160502	558245	4160503	558245.174160502.59	558245.2	4160502.6	WRKR_246	WORKER	0.07	0.03	0.01	0.01
558255.174160362	558255	4160363	558255.174160362.59	558255.2	4160362.6	WRKR_247	WORKER	0.02	0.01	0.00	0.00
558255.174160372	558255	4160373	558255.174160372.59	558255.2	4160372.6	WRKR_248	WORKER	0.02	0.01	0.00	0.00
558255.174160382	558255	4160383	558255.174160382.59	558255.2	4160382.6	WRKR_249	WORKER	0.03	0.01	0.00	0.00
558255.174160392	558255	4160393	558255.174160392.59	558255.2	4160392.6	WRKR_250	WORKER	0.03	0.01	0.00	0.00
558255.174160402	558255	4160403	558255.174160402.59	558255.2	4160402.6	WRKR_251	WORKER	0.03	0.01	0.00	0.00
558255.174160412	558255	4160413	558255.174160412.59	558255.2	4160412.6	WRKR_252	WORKER	0.03	0.01	0.00	0.00
558255.174160422	558255	4160423	558255.174160422.59	558255.2	4160422.6	WRKR_253	WORKER	0.03	0.01	0.00	0.00
558255.174160432	558255	4160433	558255.174160432.59	558255.2	4160432.6	WRKR_254	WORKER	0.04	0.01	0.00	0.00
558255.174160442	558255	4160443	558255.174160442.59	558255.2	4160442.6	WRKR_255	WORKER	0.04	0.02	0.00	0.01
558255.174160452	558255	4160453	558255.174160452.59	558255.2	4160452.6	WRKR_256	WORKER	0.04	0.02	0.00	0.01
558255.174160462	558255	4160463	558255.174160462.59	558255.2	4160462.6	WRKR_257	WORKER	0.05	0.02	0.01	0.01
558255.174160472	558255	4160473	558255.174160472.59	558255.2	4160472.6	WRKR_258	WORKER	0.05	0.02	0.01	0.01
558255.174160482	558255	4160483	558255.174160482.59	558255.2	4160482.6	WRKR_259	WORKER	0.06	0.02	0.01	0.01
558255.174160492	558255	4160493	558255.174160492.59	558255.2	4160492.6	WRKR_260	WORKER	0.06	0.02	0.01	0.01
558255.174160502	558255	4160503	558255.174160502.59	558255.2	4160502.6	WRKR_261	WORKER	0.07	0.03	0.01	0.01
558255.174160512	558255	4160513	558255.174160512.59	558255.2	4160512.6	WRKR_262	WORKER	0.08	0.03	0.01	0.01
558265.174160362	558265	4160363	558265.174160362.59	558265.2	4160362.6	WRKR_263	WORKER	0.02	0.01	0.00	0.00
558265.174160372	558265	4160373	558265.174160372.59	558265.2	4160372.6	WRKR_264	WORKER	0.02	0.01	0.00	0.00
558265.174160382	558265	4160383	558265.174160382.59	558265.2	4160382.6	WRKR_265	WORKER	0.03	0.01	0.00	0.00
558265.174160392	558265	4160393	558265.174160392.59	558265.2	4160392.6	WRKR_266	WORKER	0.03	0.01	0.00	0.00
558265.174160402	558265	4160403	558265.174160402.59	558265.2	4160402.6	WRKR_267	WORKER	0.03	0.01	0.00	0.00
558265.174160412	558265	4160413	558265.174160412.59	558265.2	4160412.6	WRKR_268	WORKER	0.03	0.01	0.00	0.00
558265.174160422	558265	4160423	558265.174160422.59	558265.2	4160422.6	WRKR_269	WORKER	0.03	0.01	0.00	0.00
558265.174160432	558265	4160433	558265.174160432.59	558265.2	4160432.6	WRKR_270	WORKER	0.04	0.01	0.00	0.00
558265.174160442	558265	4160443	558265.174160442.59	558265.2	4160442.6	WRKR_271	WORKER	0.04	0.02	0.00	0.01
558265.174160452	558265	4160453	558265.174160452.59	558265.2	4160452.6	WRKR_272	WORKER	0.04	0.02	0.00	0.01
558265.174160462	558265	4160463	558265.174160462.59	558265.2	4160462.6	WRKR_273	WORKER	0.05	0.02	0.01	0.01
558265.174160472	558265	4160473	558265.174160472.59	558265.2	4160472.6	WRKR_274	WORKER	0.05	0.02	0.01	0.01
558265.174160482	558265	4160483	558265.174160482.59	558265.2	4160482.6	WRKR_275	WORKER	0.06	0.02	0.01	0.01
558265.174160492	558265	4160493	558265.174160492.59	558265.2	4160492.6	WRKR_276	WORKER	0.06	0.02	0.01	0.01
558265.174160502	558265	4160503	558265.174160502.59	558265.2	4160502.6	WRKR_277	WORKER	0.07	0.03	0.01	0.01
558265.174160512	558265	4160513	558265.174160512.59	558265.2	4160512.6	WRKR_278	WORKER	0.08	0.03	0.01	0.01
558265.174160522	558265	4160523	558265.174160522.59	558265.2	4160522.6	WRKR_279	WORKER	0.09	0.03	0.01	0.01
558275.174160362	558275	4160363	558275.174160362.59	558275.2	4160362.6	WRKR_280	WORKER	0.02	0.01	0.00	0.00
558275.174160372	558275	4160373	558275.174160372.59	558275.2	4160372.6	WRKR_281	WORKER	0.02	0.01	0.00	0.00
558275.174160382	558275	4160383	558275.174160382.59	558275.2	4160382.6	WRKR_282	WORKER	0.02	0.01	0.00	0.00
558275.174160392	558275	4160393	558275.174160392.59	558275.2	4160392.6	WRKR_283	WORKER	0.03	0.01	0.00	0.00
558275.174160402	558275	4160403	558275.174160402.59	558275.2	4160402.6	WRKR_284	WORKER	0.03	0.01	0.00	0.00
558275.174160412	558275	4160413	558275.174160412.59	558275.2	4160412.6	WRKR_285	WORKER	0.03	0.01	0.00	0.00
558275.174160422	558275	4160423	558275.174160422.59	558275.2	4160422.6	WRKR_286	WORKER	0.03	0.01	0.00	0.00
558275.174160432	558275	4160433	558275.174160432.59	558275.2	4160432.6	WRKR_287	WORKER	0.03	0.01	0.00	0.00
558275.174160442	558275	4160443	558275.174160442.59	558275.2	4160442.6	WRKR_288	WORKER	0.04	0.01	0.00	0.01
558275.174160452	558275	4160453	558275.174160452.59	558275.2	4160452.6	WRKR_289	WORKER	0.04	0.02	0.00	0.01
558275.174160462	558275	4160463	558275.174160462.59	558275.2	4160462.6	WRKR_290	WORKER	0.04	0.02	0.01	0.01
558275.174160472	558275	4160473	558275.174160472.59	558275.2	4160472.6	WRKR_291	WORKER	0.05	0.02	0.01	0.01
558275.174160482	558275	4160483	558275.174160482.59	558275.2	4160482.6	WRKR_292	WORKER	0.05	0.02	0.01	0.01
558275.174160492	558275	4160493	558275.174160492.59	558275.2	4160492.6	WRKR_293	WORKER	0.06	0.02	0.01	0.01
558275.174160502	558275	4160503	558275.174160502.59	558275.2	4160502.6	WRKR_294	WORKER	0.07	0.03	0.01	0.01

	Annual PM2.5 Concentration (ug/m^3)						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.069	0.027	0.008	0.009	0.069	558066.09	4160530.12
WORKER	0.350	0.135	0.034	0.039	0.350	558151.05	4160617.13

Annual PM2.5

			Max PM2.5					Annual PM2.5 Concentration (ug/m^3)			
XY	X	Y	XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558275.174160512	558275	4160513	558275.174160512.59	558275.2	4160512.6	WRKR_295	WORKER	0.07	0.03	0.01	0.01
558275.174160522	558275	4160523	558275.174160522.59	558275.2	4160522.6	WRKR_296	WORKER	0.08	0.03	0.01	0.01
558275.174160532	558275	4160533	558275.174160532.59	558275.2	4160532.6	WRKR_297	WORKER	0.10	0.04	0.01	0.01
558285.174160362	558285	4160363	558285.174160362.59	558285.2	4160362.6	WRKR_298	WORKER	0.02	0.01	0.00	0.00
558285.174160372	558285	4160373	558285.174160372.59	558285.2	4160372.6	WRKR_299	WORKER	0.02	0.01	0.00	0.00
558285.174160382	558285	4160383	558285.174160382.59	558285.2	4160382.6	WRKR_300	WORKER	0.02	0.01	0.00	0.00
558285.174160392	558285	4160393	558285.174160392.59	558285.2	4160392.6	WRKR_301	WORKER	0.03	0.01	0.00	0.00
558285.174160402	558285	4160403	558285.174160402.59	558285.2	4160402.6	WRKR_302	WORKER	0.03	0.01	0.00	0.00
558285.174160412	558285	4160413	558285.174160412.59	558285.2	4160412.6	WRKR_303	WORKER	0.03	0.01	0.00	0.00
558285.174160422	558285	4160423	558285.174160422.59	558285.2	4160422.6	WRKR_304	WORKER	0.03	0.01	0.00	0.00
558285.174160432	558285	4160433	558285.174160432.59	558285.2	4160432.6	WRKR_305	WORKER	0.03	0.01	0.00	0.00
558285.174160442	558285	4160443	558285.174160442.59	558285.2	4160442.6	WRKR_306	WORKER	0.04	0.01	0.00	0.00
558285.174160452	558285	4160453	558285.174160452.59	558285.2	4160452.6	WRKR_307	WORKER	0.04	0.02	0.00	0.01
558285.174160462	558285	4160463	558285.174160462.59	558285.2	4160462.6	WRKR_308	WORKER	0.04	0.02	0.01	0.01
558285.174160472	558285	4160473	558285.174160472.59	558285.2	4160472.6	WRKR_309	WORKER	0.05	0.02	0.01	0.01
558285.174160482	558285	4160483	558285.174160482.59	558285.2	4160482.6	WRKR_310	WORKER	0.05	0.02	0.01	0.01
558285.174160492	558285	4160493	558285.174160492.59	558285.2	4160492.6	WRKR_311	WORKER	0.06	0.02	0.01	0.01
558285.174160502	558285	4160503	558285.174160502.59	558285.2	4160502.6	WRKR_312	WORKER	0.06	0.03	0.01	0.01
558285.174160512	558285	4160513	558285.174160512.59	558285.2	4160512.6	WRKR_313	WORKER	0.07	0.03	0.01	0.01
558285.174160522	558285	4160523	558285.174160522.59	558285.2	4160522.6	WRKR_314	WORKER	0.08	0.03	0.01	0.01
558285.174160532	558285	4160533	558285.174160532.59	558285.2	4160532.6	WRKR_315	WORKER	0.09	0.04	0.01	0.01
558295.174160362	558295	4160363	558295.174160362.59	558295.2	4160362.6	WRKR_316	WORKER	0.02	0.01	0.00	0.00
558295.174160372	558295	4160373	558295.174160372.59	558295.2	4160372.6	WRKR_317	WORKER	0.02	0.01	0.00	0.00
558295.174160382	558295	4160383	558295.174160382.59	558295.2	4160382.6	WRKR_318	WORKER	0.02	0.01	0.00	0.00
558295.174160392	558295	4160393	558295.174160392.59	558295.2	4160392.6	WRKR_319	WORKER	0.02	0.01	0.00	0.00
558295.174160402	558295	4160403	558295.174160402.59	558295.2	4160402.6	WRKR_320	WORKER	0.03	0.01	0.00	0.00
558295.174160412	558295	4160413	558295.174160412.59	558295.2	4160412.6	WRKR_321	WORKER	0.03	0.01	0.00	0.00
558295.174160422	558295	4160423	558295.174160422.59	558295.2	4160422.6	WRKR_322	WORKER	0.03	0.01	0.00	0.00
558295.174160432	558295	4160433	558295.174160432.59	558295.2	4160432.6	WRKR_323	WORKER	0.03	0.01	0.00	0.00
558295.174160442	558295	4160443	558295.174160442.59	558295.2	4160442.6	WRKR_324	WORKER	0.04	0.01	0.00	0.00
558295.174160452	558295	4160453	558295.174160452.59	558295.2	4160452.6	WRKR_325	WORKER	0.04	0.02	0.00	0.01
558295.174160462	558295	4160463	558295.174160462.59	558295.2	4160462.6	WRKR_326	WORKER	0.04	0.02	0.00	0.01
558295.174160472	558295	4160473	558295.174160472.59	558295.2	4160472.6	WRKR_327	WORKER	0.05	0.02	0.01	0.01
558295.174160482	558295	4160483	558295.174160482.59	558295.2	4160482.6	WRKR_328	WORKER	0.05	0.02	0.01	0.01
558295.174160492	558295	4160493	558295.174160492.59	558295.2	4160492.6	WRKR_329	WORKER	0.06	0.02	0.01	0.01
558295.174160502	558295	4160503	558295.174160502.59	558295.2	4160502.6	WRKR_330	WORKER	0.06	0.02	0.01	0.01
558295.174160512	558295	4160513	558295.174160512.59	558295.2	4160512.6	WRKR_331	WORKER	0.07	0.03	0.01	0.01
558295.174160522	558295	4160523	558295.174160522.59	558295.2	4160522.6	WRKR_332	WORKER	0.08	0.03	0.01	0.01
558295.174160532	558295	4160533	558295.174160532.59	558295.2	4160532.6	WRKR_333	WORKER	0.09	0.04	0.01	0.01
558305.174160362	558305	4160363	558305.174160362.59	558305.2	4160362.6	WRKR_334	WORKER	0.02	0.01	0.00	0.00
558305.174160372	558305	4160373	558305.174160372.59	558305.2	4160372.6	WRKR_335	WORKER	0.02	0.01	0.00	0.00
558305.174160382	558305	4160383	558305.174160382.59	558305.2	4160382.6	WRKR_336	WORKER	0.02	0.01	0.00	0.00
558305.174160392	558305	4160393	558305.174160392.59	558305.2	4160392.6	WRKR_337	WORKER	0.02	0.01	0.00	0.00
558305.174160402	558305	4160403	558305.174160402.59	558305.2	4160402.6	WRKR_338	WORKER	0.03	0.01	0.00	0.00
558305.174160412	558305	4160413	558305.174160412.59	558305.2	4160412.6	WRKR_339	WORKER	0.03	0.01	0.00	0.00
558305.174160422	558305	4160423	558305.174160422.59	558305.2	4160422.6	WRKR_340	WORKER	0.03	0.01	0.00	0.00
558305.174160432	558305	4160433	558305.174160432.59	558305.2	4160432.6	WRKR_341	WORKER	0.03	0.01	0.00	0.00
558305.174160442	558305	4160443	558305.174160442.59	558305.2	4160442.6	WRKR_342	WORKER	0.03	0.01	0.00	0.00
558305.174160452	558305	4160453	558305.174160452.59	558305.2	4160452.6	WRKR_343	WORKER	0.04	0.01	0.00	0.01
558305.174160462	558305	4160463	558305.174160462.59	558305.2	4160462.6	WRKR_344	WORKER	0.04	0.02	0.00	0.01
558305.174160472	558305	4160473	558305.174160472.59	558305.2	4160472.6	WRKR_345	WORKER	0.04	0.02	0.01	0.01
558305.174160482	558305	4160483	558305.174160482.59	558305.2	4160482.6	WRKR_346	WORKER	0.05	0.02	0.01	0.01
558305.174160492	558305	4160493	558305.174160492.59	558305.2	4160492.6	WRKR_347	WORKER	0.05	0.02	0.01	0.01
558305.174160502	558305	4160503	558305.174160502.59	558305.2	4160502.6	WRKR_348	WORKER	0.06	0.02	0.01	0.01
558305.174160512	558305	4160513	558305.174160512.59	558305.2	4160512.6	WRKR_349	WORKER	0.07	0.03	0.01	0.01
558305.174160522	558305	4160523	558305.174160522.59	558305.2	4160522.6	WRKR_350	WORKER	0.08	0.03	0.01	0.01
558305.174160532	558305	4160533	558305.174160532.59	558305.2	4160532.6	WRKR_351	WORKER	0.09	0.04	0.01	0.01
558315.174160362	558315	4160363	558315.174160362.59	558315.2	4160362.6	WRKR_352	WORKER	0.02	0.01	0.00	0.00
558315.174160372	558315	4160373	558315.174160372.59	558315.2	4160372.6	WRKR_353	WORKER	0.02	0.01	0.00	0.00
558315.174160382	558315	4160383	558315.174160382.59	558315.2	4160382.6	WRKR_354	WORKER	0.02	0.01	0.00	0.00
558315.174160392	558315	4160393	558315.174160392.59	558315.2	4160392.6	WRKR_355	WORKER	0.02	0.01	0.00	0.00
558315.174160402	558315	4160403	558315.174160402.59	558315.2	4160402.6	WRKR_356	WORKER	0.02	0.01	0.00	0.00
558315.174160412	558315	4160413	558315.174160412.59	558315.2	4160412.6	WRKR_357	WORKER	0.03	0.01	0.00	0.00
558315.174160422	558315	4160423	558315.174160422.59	558315.2	4160422.6	WRKR_358	WORKER	0.03	0.01	0.00	0.00
558315.174160432	558315	4160433	558315.174160432.59	558315.2	4160432.6	WRKR_359	WORKER	0.03	0.01	0.00	0.00
558315.174160442	558315	4160443	558315.174160442.59	558315.2	4160442.6	WRKR_360	WORKER	0.03	0.01	0.00	0.00
558315.174160452	558315	4160453	558315.174160452.59	558315.2	4160452.6	WRKR_361	WORKER	0.04	0.01	0.00	0.00
558315.174160462	558315	4160463	558315.174160462.59	558315.2	4160462.6	WRKR_362	WORKER	0.04	0.02	0.00	0.01
558315.174160472	558315	4160473	558315.174160472.59	558315.2	4160472.6	WRKR_363	WORKER	0.04	0.02	0.01	0.01
558315.174160482	558315	4160483	558315.174160482.59	558315.2	4160482.6	WRKR_364	WORKER	0.05	0.02	0.01	0.01
558315.174160492	558315	4160493	558315.174160492.59	558315.2	4160492.6	WRKR_365	WORKER	0.05	0.02	0.01	0.01
558315.174160502	558315	4160503	558315.174160502.59	558315.2	4160502.6	WRKR_366	WORKER	0.06	0.02	0.01	0.01
558315.174160512	558315	4160513	558315.174160512.59	558315.2	4160512.6	WRKR_367	WORKER	0.07	0.03	0.01	0.01
558315.174160522	558315	4160523	558315.174160522.59	558315.2	4160522.6	WRKR_368	WORKER	0.08	0.03	0.01	0.01
558315.174160532	558315	4160533	558315.174160532.59	558315.2	4160532.6	WRKR_369	WORKER	0.09	0.04	0.01	0.01
558325.174160362	558325	4160363	558325.174160362.59	558325.2	4160362.6	WRKR_370	WORKER	0.02	0.01	0.00	0.00
558325.174160372	558325	4160373	558325.174160372.59	558325.2	4160372.6	WRKR_371	WORKER	0.02	0.01	0.00	0.00

	Annual PM2.5 Concentration (ug/m^3)						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.069	0.027	0.008	0.009	0.069	558066.09	4160530.12
WORKER	0.350	0.135	0.034	0.039	0.350	558151.05	4160617.13

Annual PM2.5

			Max PM2.5					Annual PM2.5 Concentration (ug/m^3)			
XY	X	Y	XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558325.174160382	558325	4160383	558325.174160382.59	558325.2	4160382.6	WRKR_372	WORKER	0.02	0.01	0.00	0.00
558325.174160392	558325	4160393	558325.174160392.59	558325.2	4160392.6	WRKR_373	WORKER	0.02	0.01	0.00	0.00
558325.174160402	558325	4160403	558325.174160402.59	558325.2	4160402.6	WRKR_374	WORKER	0.02	0.01	0.00	0.00
558325.174160412	558325	4160413	558325.174160412.59	558325.2	4160412.6	WRKR_375	WORKER	0.02	0.01	0.00	0.00
558325.174160422	558325	4160423	558325.174160422.59	558325.2	4160422.6	WRKR_376	WORKER	0.03	0.01	0.00	0.00
558325.174160432	558325	4160433	558325.174160432.59	558325.2	4160432.6	WRKR_377	WORKER	0.03	0.01	0.00	0.00
558325.174160442	558325	4160443	558325.174160442.59	558325.2	4160442.6	WRKR_378	WORKER	0.03	0.01	0.00	0.00
558325.174160452	558325	4160453	558325.174160452.59	558325.2	4160452.6	WRKR_379	WORKER	0.03	0.01	0.00	0.00
558325.174160462	558325	4160463	558325.174160462.59	558325.2	4160462.6	WRKR_380	WORKER	0.04	0.02	0.00	0.01
558325.174160472	558325	4160473	558325.174160472.59	558325.2	4160472.6	WRKR_381	WORKER	0.04	0.02	0.00	0.01
558325.174160482	558325	4160483	558325.174160482.59	558325.2	4160482.6	WRKR_382	WORKER	0.05	0.02	0.01	0.01
558325.174160492	558325	4160493	558325.174160492.59	558325.2	4160492.6	WRKR_383	WORKER	0.05	0.02	0.01	0.01
558325.174160502	558325	4160503	558325.174160502.59	558325.2	4160502.6	WRKR_384	WORKER	0.06	0.02	0.01	0.01
558325.174160512	558325	4160513	558325.174160512.59	558325.2	4160512.6	WRKR_385	WORKER	0.07	0.03	0.01	0.01
558325.174160522	558325	4160523	558325.174160522.59	558325.2	4160522.6	WRKR_386	WORKER	0.08	0.03	0.01	0.01
558325.174160532	558325	4160533	558325.174160532.59	558325.2	4160532.6	WRKR_387	WORKER	0.09	0.03	0.01	0.01
558335.174160362	558335	4160363	558335.174160362.59	558335.2	4160362.6	WRKR_388	WORKER	0.02	0.01	0.00	0.00
558335.174160372	558335	4160373	558335.174160372.59	558335.2	4160372.6	WRKR_389	WORKER	0.02	0.01	0.00	0.00
558335.174160382	558335	4160383	558335.174160382.59	558335.2	4160382.6	WRKR_390	WORKER	0.02	0.01	0.00	0.00
558335.174160392	558335	4160393	558335.174160392.59	558335.2	4160392.6	WRKR_391	WORKER	0.02	0.01	0.00	0.00
558335.174160402	558335	4160403	558335.174160402.59	558335.2	4160402.6	WRKR_392	WORKER	0.02	0.01	0.00	0.00
558335.174160412	558335	4160413	558335.174160412.59	558335.2	4160412.6	WRKR_393	WORKER	0.02	0.01	0.00	0.00
558335.174160422	558335	4160423	558335.174160422.59	558335.2	4160422.6	WRKR_394	WORKER	0.03	0.01	0.00	0.00
558335.174160432	558335	4160433	558335.174160432.59	558335.2	4160432.6	WRKR_395	WORKER	0.03	0.01	0.00	0.00
558335.174160442	558335	4160443	558335.174160442.59	558335.2	4160442.6	WRKR_396	WORKER	0.03	0.01	0.00	0.00
558335.174160452	558335	4160453	558335.174160452.59	558335.2	4160452.6	WRKR_397	WORKER	0.03	0.01	0.00	0.00
558335.174160462	558335	4160463	558335.174160462.59	558335.2	4160462.6	WRKR_398	WORKER	0.04	0.01	0.00	0.01
558335.174160472	558335	4160473	558335.174160472.59	558335.2	4160472.6	WRKR_399	WORKER	0.04	0.02	0.00	0.01
558335.174160482	558335	4160483	558335.174160482.59	558335.2	4160482.6	WRKR_400	WORKER	0.05	0.02	0.01	0.01
558335.174160492	558335	4160493	558335.174160492.59	558335.2	4160492.6	WRKR_401	WORKER	0.05	0.02	0.01	0.01
558335.174160502	558335	4160503	558335.174160502.59	558335.2	4160502.6	WRKR_402	WORKER	0.06	0.02	0.01	0.01
558335.174160512	558335	4160513	558335.174160512.59	558335.2	4160512.6	WRKR_403	WORKER	0.07	0.03	0.01	0.01
558335.174160522	558335	4160523	558335.174160522.59	558335.2	4160522.6	WRKR_404	WORKER	0.08	0.03	0.01	0.01
558335.174160532	558335	4160533	558335.174160532.59	558335.2	4160532.6	WRKR_405	WORKER	0.09	0.03	0.01	0.01
558345.174160362	558345	4160363	558345.174160362.59	558345.2	4160362.6	WRKR_406	WORKER	0.02	0.01	0.00	0.00
558345.174160372	558345	4160373	558345.174160372.59	558345.2	4160372.6	WRKR_407	WORKER	0.02	0.01	0.00	0.00
558345.174160382	558345	4160383	558345.174160382.59	558345.2	4160382.6	WRKR_408	WORKER	0.02	0.01	0.00	0.00
558345.174160392	558345	4160393	558345.174160392.59	558345.2	4160392.6	WRKR_409	WORKER	0.02	0.01	0.00	0.00
558345.174160402	558345	4160403	558345.174160402.59	558345.2	4160402.6	WRKR_410	WORKER	0.02	0.01	0.00	0.00
558345.174160412	558345	4160413	558345.174160412.59	558345.2	4160412.6	WRKR_411	WORKER	0.02	0.01	0.00	0.00
558345.174160422	558345	4160423	558345.174160422.59	558345.2	4160422.6	WRKR_412	WORKER	0.02	0.01	0.00	0.00
558345.174160432	558345	4160433	558345.174160432.59	558345.2	4160432.6	WRKR_413	WORKER	0.03	0.01	0.00	0.00
558345.174160442	558345	4160443	558345.174160442.59	558345.2	4160442.6	WRKR_414	WORKER	0.03	0.01	0.00	0.00
558345.174160452	558345	4160453	558345.174160452.59	558345.2	4160452.6	WRKR_415	WORKER	0.03	0.01	0.00	0.00
558345.174160462	558345	4160463	558345.174160462.59	558345.2	4160462.6	WRKR_416	WORKER	0.04	0.01	0.00	0.00
558345.174160472	558345	4160473	558345.174160472.59	558345.2	4160472.6	WRKR_417	WORKER	0.04	0.02	0.00	0.01
558345.174160482	558345	4160483	558345.174160482.59	558345.2	4160482.6	WRKR_418	WORKER	0.04	0.02	0.01	0.01
558345.174160492	558345	4160493	558345.174160492.59	558345.2	4160492.6	WRKR_419	WORKER	0.05	0.02	0.01	0.01
558345.174160502	558345	4160503	558345.174160502.59	558345.2	4160502.6	WRKR_420	WORKER	0.06	0.02	0.01	0.01
558345.174160512	558345	4160513	558345.174160512.59	558345.2	4160512.6	WRKR_421	WORKER	0.06	0.03	0.01	0.01
558345.174160522	558345	4160523	558345.174160522.59	558345.2	4160522.6	WRKR_422	WORKER	0.07	0.03	0.01	0.01
558345.174160532	558345	4160533	558345.174160532.59	558345.2	4160532.6	WRKR_423	WORKER	0.08	0.03	0.01	0.01
558355.174160362	558355	4160363	558355.174160362.59	558355.2	4160362.6	WRKR_424	WORKER	0.02	0.01	0.00	0.00
558355.174160372	558355	4160373	558355.174160372.59	558355.2	4160372.6	WRKR_425	WORKER	0.02	0.01	0.00	0.00
558355.174160382	558355	4160383	558355.174160382.59	558355.2	4160382.6	WRKR_426	WORKER	0.02	0.01	0.00	0.00
558355.174160392	558355	4160393	558355.174160392.59	558355.2	4160392.6	WRKR_427	WORKER	0.02	0.01	0.00	0.00
558355.174160402	558355	4160403	558355.174160402.59	558355.2	4160402.6	WRKR_428	WORKER	0.02	0.01	0.00	0.00
558355.174160412	558355	4160413	558355.174160412.59	558355.2	4160412.6	WRKR_429	WORKER	0.02	0.01	0.00	0.00
558355.174160422	558355	4160423	558355.174160422.59	558355.2	4160422.6	WRKR_430	WORKER	0.02	0.01	0.00	0.00
558355.174160432	558355	4160433	558355.174160432.59	558355.2	4160432.6	WRKR_431	WORKER	0.03	0.01	0.00	0.00
558355.174160442	558355	4160443	558355.174160442.59	558355.2	4160442.6	WRKR_432	WORKER	0.03	0.01	0.00	0.00
558355.174160452	558355	4160453	558355.174160452.59	558355.2	4160452.6	WRKR_433	WORKER	0.03	0.01	0.00	0.00
558355.174160462	558355	4160463	558355.174160462.59	558355.2	4160462.6	WRKR_434	WORKER	0.03	0.01	0.00	0.00
558355.174160472	558355	4160473	558355.174160472.59	558355.2	4160472.6	WRKR_435	WORKER	0.04	0.02	0.00	0.01
558355.174160482	558355	4160483	558355.174160482.59	558355.2	4160482.6	WRKR_436	WORKER	0.04	0.02	0.01	0.01
558355.174160492	558355	4160493	558355.174160492.59	558355.2	4160492.6	WRKR_437	WORKER	0.05	0.02	0.01	0.01
558355.174160502	558355	4160503	558355.174160502.59	558355.2	4160502.6	WRKR_438	WORKER	0.05	0.02	0.01	0.01
558355.174160512	558355	4160513	558355.174160512.59	558355.2	4160512.6	WRKR_439	WORKER	0.06	0.02	0.01	0.01
558355.174160522	558355	4160523	558355.174160522.59	558355.2	4160522.6	WRKR_440	WORKER	0.07	0.03	0.01	0.01
558355.174160532	558355	4160533	558355.174160532.59	558355.2	4160532.6	WRKR_441	WORKER	0.08	0.03	0.01	0.01
558365.174160362	558365	4160363	558365.174160362.59	558365.2	4160362.6	WRKR_442	WORKER	0.02	0.01	0.00	0.00
558365.174160372	558365	4160373	558365.174160372.59	558365.2	4160372.6	WRKR_443	WORKER	0.02	0.01	0.00	0.00
558365.174160382	558365	4160383	558365.174160382.59	558365.2	4160382.6	WRKR_444	WORKER	0.02	0.01	0.00	0.00
558365.174160392	558365	4160393	558365.174160392.59	558365.2	4160392.6	WRKR_445	WORKER	0.02	0.01	0.00	0.00
558365.174160402	558365	4160403	558365.174160402.59	558365.2	4160402.6	WRKR_446	WORKER	0.02	0.01	0.00	0.00
558365.174160412	558365	4160413	558365.174160412.59	558365.2	4160412.6	WRKR_447	WORKER	0.02	0.01	0.00	0.00
558365.174160422	558365	4160423	558365.174160422.59	558365.2	4160422.6	WRKR_448	WORKER	0.02	0.01	0.00	0.00

	Annual PM2.5 Concentration (ug/m^3)						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.069	0.027	0.008	0.009	0.069	558066.09	4160530.12
WORKER	0.350	0.135	0.034	0.039	0.350	558151.05	4160617.13

Annual PM2.5

			Max PM2.5					Annual PM2.5 Concentration (ug/m^3)			
XY	X	Y	XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558365.174160432	558365	4160433	558365.174160432.59	558365.2	4160432.6	WRKR_449	WORKER	0.03	0.01	0.00	0.00
558365.174160442	558365	4160443	558365.174160442.59	558365.2	4160442.6	WRKR_450	WORKER	0.03	0.01	0.00	0.00
558365.174160452	558365	4160453	558365.174160452.59	558365.2	4160452.6	WRKR_451	WORKER	0.03	0.01	0.00	0.00
558365.174160462	558365	4160463	558365.174160462.59	558365.2	4160462.6	WRKR_452	WORKER	0.03	0.01	0.00	0.00
558365.174160472	558365	4160473	558365.174160472.59	558365.2	4160472.6	WRKR_453	WORKER	0.04	0.01	0.00	0.01
558365.174160482	558365	4160483	558365.174160482.59	558365.2	4160482.6	WRKR_454	WORKER	0.04	0.02	0.01	0.01
558365.174160492	558365	4160493	558365.174160492.59	558365.2	4160492.6	WRKR_455	WORKER	0.05	0.02	0.01	0.01
558365.174160502	558365	4160503	558365.174160502.59	558365.2	4160502.6	WRKR_456	WORKER	0.05	0.02	0.01	0.01
558365.174160512	558365	4160513	558365.174160512.59	558365.2	4160512.6	WRKR_457	WORKER	0.06	0.02	0.01	0.01
558365.174160522	558365	4160523	558365.174160522.59	558365.2	4160522.6	WRKR_458	WORKER	0.07	0.03	0.01	0.01
558365.174160532	558365	4160533	558365.174160532.59	558365.2	4160532.6	WRKR_459	WORKER	0.08	0.03	0.01	0.01
558375.174160362	558375	4160363	558375.174160362.59	558375.2	4160362.6	WRKR_460	WORKER	0.01	0.01	0.00	0.00
558375.174160372	558375	4160373	558375.174160372.59	558375.2	4160372.6	WRKR_461	WORKER	0.02	0.01	0.00	0.00
558375.174160382	558375	4160383	558375.174160382.59	558375.2	4160382.6	WRKR_462	WORKER	0.02	0.01	0.00	0.00
558375.174160392	558375	4160393	558375.174160392.59	558375.2	4160392.6	WRKR_463	WORKER	0.02	0.01	0.00	0.00
558375.174160402	558375	4160403	558375.174160402.59	558375.2	4160402.6	WRKR_464	WORKER	0.02	0.01	0.00	0.00
558375.174160412	558375	4160413	558375.174160412.59	558375.2	4160412.6	WRKR_465	WORKER	0.02	0.01	0.00	0.00
558375.174160422	558375	4160423	558375.174160422.59	558375.2	4160422.6	WRKR_466	WORKER	0.02	0.01	0.00	0.00
558375.174160432	558375	4160433	558375.174160432.59	558375.2	4160432.6	WRKR_467	WORKER	0.02	0.01	0.00	0.00
558375.174160442	558375	4160443	558375.174160442.59	558375.2	4160442.6	WRKR_468	WORKER	0.03	0.01	0.00	0.00
558375.174160452	558375	4160453	558375.174160452.59	558375.2	4160452.6	WRKR_469	WORKER	0.03	0.01	0.00	0.00
558375.174160462	558375	4160463	558375.174160462.59	558375.2	4160462.6	WRKR_470	WORKER	0.03	0.01	0.00	0.00
558375.174160472	558375	4160473	558375.174160472.59	558375.2	4160472.6	WRKR_471	WORKER	0.04	0.01	0.00	0.01
558375.174160482	558375	4160483	558375.174160482.59	558375.2	4160482.6	WRKR_472	WORKER	0.04	0.02	0.00	0.01
558375.174160492	558375	4160493	558375.174160492.59	558375.2	4160492.6	WRKR_473	WORKER	0.05	0.02	0.01	0.01
558375.174160502	558375	4160503	558375.174160502.59	558375.2	4160502.6	WRKR_474	WORKER	0.05	0.02	0.01	0.01
558375.174160512	558375	4160513	558375.174160512.59	558375.2	4160512.6	WRKR_475	WORKER	0.06	0.02	0.01	0.01
558375.174160522	558375	4160523	558375.174160522.59	558375.2	4160522.6	WRKR_476	WORKER	0.07	0.03	0.01	0.01
558375.174160532	558375	4160533	558375.174160532.59	558375.2	4160532.6	WRKR_477	WORKER	0.08	0.03	0.01	0.01
558385.174160362	558385	4160363	558385.174160362.59	558385.2	4160362.6	WRKR_478	WORKER	0.01	0.01	0.00	0.00
558385.174160372	558385	4160373	558385.174160372.59	558385.2	4160372.6	WRKR_479	WORKER	0.02	0.01	0.00	0.00
558385.174160382	558385	4160383	558385.174160382.59	558385.2	4160382.6	WRKR_480	WORKER	0.02	0.01	0.00	0.00
558385.174160392	558385	4160393	558385.174160392.59	558385.2	4160392.6	WRKR_481	WORKER	0.02	0.01	0.00	0.00
558385.174160402	558385	4160403	558385.174160402.59	558385.2	4160402.6	WRKR_482	WORKER	0.02	0.01	0.00	0.00
558385.174160412	558385	4160413	558385.174160412.59	558385.2	4160412.6	WRKR_483	WORKER	0.02	0.01	0.00	0.00
558385.174160422	558385	4160423	558385.174160422.59	558385.2	4160422.6	WRKR_484	WORKER	0.02	0.01	0.00	0.00
558385.174160432	558385	4160433	558385.174160432.59	558385.2	4160432.6	WRKR_485	WORKER	0.02	0.01	0.00	0.00
558385.174160442	558385	4160443	558385.174160442.59	558385.2	4160442.6	WRKR_486	WORKER	0.03	0.01	0.00	0.00
558385.174160452	558385	4160453	558385.174160452.59	558385.2	4160452.6	WRKR_487	WORKER	0.03	0.01	0.00	0.00
558385.174160462	558385	4160463	558385.174160462.59	558385.2	4160462.6	WRKR_488	WORKER	0.03	0.01	0.00	0.00
558385.174160472	558385	4160473	558385.174160472.59	558385.2	4160472.6	WRKR_489	WORKER	0.04	0.01	0.00	0.01
558385.174160482	558385	4160483	558385.174160482.59	558385.2	4160482.6	WRKR_490	WORKER	0.04	0.02	0.00	0.01
558385.174160492	558385	4160493	558385.174160492.59	558385.2	4160492.6	WRKR_491	WORKER	0.04	0.02	0.01	0.01
558385.174160502	558385	4160503	558385.174160502.59	558385.2	4160502.6	WRKR_492	WORKER	0.05	0.02	0.01	0.01
558385.174160512	558385	4160513	558385.174160512.59	558385.2	4160512.6	WRKR_493	WORKER	0.06	0.02	0.01	0.01
558385.174160522	558385	4160523	558385.174160522.59	558385.2	4160522.6	WRKR_494	WORKER	0.07	0.03	0.01	0.01
558385.174160532	558385	4160533	558385.174160532.59	558385.2	4160532.6	WRKR_495	WORKER	0.07	0.03	0.01	0.01
558395.174160362	558395	4160363	558395.174160362.59	558395.2	4160362.6	WRKR_496	WORKER	0.01	0.01	0.00	0.00
558395.174160372	558395	4160373	558395.174160372.59	558395.2	4160372.6	WRKR_497	WORKER	0.02	0.01	0.00	0.00
558395.174160382	558395	4160383	558395.174160382.59	558395.2	4160382.6	WRKR_498	WORKER	0.02	0.01	0.00	0.00
558395.174160392	558395	4160393	558395.174160392.59	558395.2	4160392.6	WRKR_499	WORKER	0.02	0.01	0.00	0.00
558395.174160402	558395	4160403	558395.174160402.59	558395.2	4160402.6	WRKR_500	WORKER	0.02	0.01	0.00	0.00
558395.174160412	558395	4160413	558395.174160412.59	558395.2	4160412.6	WRKR_501	WORKER	0.02	0.01	0.00	0.00
558395.174160422	558395	4160423	558395.174160422.59	558395.2	4160422.6	WRKR_502	WORKER	0.02	0.01	0.00	0.00
558395.174160432	558395	4160433	558395.174160432.59	558395.2	4160432.6	WRKR_503	WORKER	0.02	0.01	0.00	0.00
558395.174160442	558395	4160443	558395.174160442.59	558395.2	4160442.6	WRKR_504	WORKER	0.03	0.01	0.00	0.00
558395.174160452	558395	4160453	558395.174160452.59	558395.2	4160452.6	WRKR_505	WORKER	0.03	0.01	0.00	0.00
558395.174160462	558395	4160463	558395.174160462.59	558395.2	4160462.6	WRKR_506	WORKER	0.03	0.01	0.00	0.00
558395.174160472	558395	4160473	558395.174160472.59	558395.2	4160472.6	WRKR_507	WORKER	0.04	0.01	0.00	0.01
558395.174160482	558395	4160483	558395.174160482.59	558395.2	4160482.6	WRKR_508	WORKER	0.04	0.02	0.00	0.01
558395.174160492	558395	4160493	558395.174160492.59	558395.2	4160492.6	WRKR_509	WORKER	0.04	0.02	0.01	0.01
558395.174160502	558395	4160503	558395.174160502.59	558395.2	4160502.6	WRKR_510	WORKER	0.05	0.02	0.01	0.01
558395.174160512	558395	4160513	558395.174160512.59	558395.2	4160512.6	WRKR_511	WORKER	0.06	0.02	0.01	0.01
557513.484160678	557513	4160679	557513.484160678.78	557513.5	4160678.8	HOTEL_1	RESIDENT	0.00	0.00	0.00	0.00
557513.484160688	557513	4160689	557513.484160688.78	557513.5	4160688.8	HOTEL_2	RESIDENT	0.00	0.00	0.00	0.00
557513.484160698	557513	4160699	557513.484160698.78	557513.5	4160698.8	HOTEL_3	RESIDENT	0.00	0.00	0.00	0.00
557513.484160708	557513	4160709	557513.484160708.78	557513.5	4160708.8	HOTEL_4	RESIDENT	0.00	0.00	0.00	0.00
557513.484160718	557513	4160719	557513.484160718.78	557513.5	4160718.8	HOTEL_5	RESIDENT	0.00	0.00	0.00	0.00
557513.484160728	557513	4160729	557513.484160728.78	557513.5	4160728.8	HOTEL_6	RESIDENT	0.00	0.00	0.00	0.00
557523.484160678	557523	4160679	557523.484160678.78	557523.5	4160678.8	HOTEL_7	RESIDENT	0.00	0.00	0.00	0.00
557523.484160688	557523	4160689	557523.484160688.78	557523.5	4160688.8	HOTEL_8	RESIDENT	0.00	0.00	0.00	0.00
557523.484160698	557523	4160699	557523.484160698.78	557523.5	4160698.8	HOTEL_9	RESIDENT	0.00	0.00	0.00	0.00
557523.484160708	557523	4160709	557523.484160708.78	557523.5	4160708.8	HOTEL_10	RESIDENT	0.00	0.00	0.00	0.00
557523.484160718	557523	4160719	557523.484160718.78	557523.5	4160718.8	HOTEL_11	RESIDENT	0.00	0.00	0.00	0.00
557523.484160728	557523	4160729	557523.484160728.78	557523.5	4160728.8	HOTEL_12	RESIDENT	0.00	0.00	0.00	0.00
557533.484160678	557533	4160679	557533.484160678.78	557533.5	4160678.8	HOTEL_13	RESIDENT	0.00	0.00	0.00	0.00
557533.484160688	557533	4160689	557533.484160688.78	557533.5	4160688.8	HOTEL_14	RESIDENT	0.00	0.00	0.00	0.00

	Annual PM2.5 Concentration (ug/m^3)						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.069	0.027	0.008	0.009	0.069	558066.09	4160530.12
WORKER	0.350	0.135	0.034	0.039	0.350	558151.05	4160617.13

Annual PM2.5

			Max PM2.5					Annual PM2.5 Concentration (ug/m^3)			
XY	X	Y	XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
557533.484160698	557533	4160699	557533.484160698.78	557533.5	4160698.8	HOTEL_15	RESIDENT	0.00	0.00	0.00	0.00
557533.484160708	557533	4160709	557533.484160708.78	557533.5	4160708.8	HOTEL_16	RESIDENT	0.00	0.00	0.00	0.00
557533.484160718	557533	4160719	557533.484160718.78	557533.5	4160718.8	HOTEL_17	RESIDENT	0.00	0.00	0.00	0.00
557533.484160728	557533	4160729	557533.484160728.78	557533.5	4160728.8	HOTEL_18	RESIDENT	0.00	0.00	0.00	0.00
557543.484160678	557543	4160679	557543.484160678.78	557543.5	4160678.8	HOTEL_19	RESIDENT	0.00	0.00	0.00	0.00
557543.484160688	557543	4160689	557543.484160688.78	557543.5	4160688.8	HOTEL_20	RESIDENT	0.00	0.00	0.00	0.00
557543.484160698	557543	4160699	557543.484160698.78	557543.5	4160698.8	HOTEL_21	RESIDENT	0.00	0.00	0.00	0.00
557543.484160708	557543	4160709	557543.484160708.78	557543.5	4160708.8	HOTEL_22	RESIDENT	0.00	0.00	0.00	0.00
557543.484160718	557543	4160719	557543.484160718.78	557543.5	4160718.8	HOTEL_23	RESIDENT	0.00	0.00	0.00	0.00
557543.484160728	557543	4160729	557543.484160728.78	557543.5	4160728.8	HOTEL_24	RESIDENT	0.00	0.00	0.00	0.00
557553.484160678	557553	4160679	557553.484160678.78	557553.5	4160678.8	HOTEL_25	RESIDENT	0.00	0.00	0.00	0.00
557553.484160688	557553	4160689	557553.484160688.78	557553.5	4160688.8	HOTEL_26	RESIDENT	0.00	0.00	0.00	0.00
557553.484160698	557553	4160699	557553.484160698.78	557553.5	4160698.8	HOTEL_27	RESIDENT	0.00	0.00	0.00	0.00
557553.484160708	557553	4160709	557553.484160708.78	557553.5	4160708.8	HOTEL_28	RESIDENT	0.00	0.00	0.00	0.00
557553.484160718	557553	4160719	557553.484160718.78	557553.5	4160718.8	HOTEL_29	RESIDENT	0.00	0.00	0.00	0.00
557553.484160728	557553	4160729	557553.484160728.78	557553.5	4160728.8	HOTEL_30	RESIDENT	0.00	0.00	0.00	0.00
557563.484160678	557563	4160679	557563.484160678.78	557563.5	4160678.8	HOTEL_31	RESIDENT	0.01	0.00	0.00	0.00
557563.484160688	557563	4160689	557563.484160688.78	557563.5	4160688.8	HOTEL_32	RESIDENT	0.01	0.00	0.00	0.00
557563.484160698	557563	4160699	557563.484160698.78	557563.5	4160698.8	HOTEL_33	RESIDENT	0.00	0.00	0.00	0.00
557563.484160708	557563	4160709	557563.484160708.78	557563.5	4160708.8	HOTEL_34	RESIDENT	0.00	0.00	0.00	0.00
557563.484160718	557563	4160719	557563.484160718.78	557563.5	4160718.8	HOTEL_35	RESIDENT	0.00	0.00	0.00	0.00
557563.484160728	557563	4160729	557563.484160728.78	557563.5	4160728.8	HOTEL_36	RESIDENT	0.00	0.00	0.00	0.00
557573.484160678	557573	4160679	557573.484160678.78	557573.5	4160678.8	HOTEL_37	RESIDENT	0.01	0.00	0.00	0.00
557573.484160688	557573	4160689	557573.484160688.78	557573.5	4160688.8	HOTEL_38	RESIDENT	0.01	0.00	0.00	0.00
557573.484160698	557573	4160699	557573.484160698.78	557573.5	4160698.8	HOTEL_39	RESIDENT	0.01	0.00	0.00	0.00
557573.484160708	557573	4160709	557573.484160708.78	557573.5	4160708.8	HOTEL_40	RESIDENT	0.01	0.00	0.00	0.00
557573.484160718	557573	4160719	557573.484160718.78	557573.5	4160718.8	HOTEL_41	RESIDENT	0.01	0.00	0.00	0.00
557573.484160728	557573	4160729	557573.484160728.78	557573.5	4160728.8	HOTEL_42	RESIDENT	0.01	0.00	0.00	0.00
557583.484160678	557583	4160679	557583.484160678.78	557583.5	4160678.8	HOTEL_43	RESIDENT	0.01	0.00	0.00	0.00
557583.484160688	557583	4160689	557583.484160688.78	557583.5	4160688.8	HOTEL_44	RESIDENT	0.01	0.00	0.00	0.00
557583.484160698	557583	4160699	557583.484160698.78	557583.5	4160698.8	HOTEL_45	RESIDENT	0.01	0.00	0.00	0.00
557583.484160708	557583	4160709	557583.484160708.78	557583.5	4160708.8	HOTEL_46	RESIDENT	0.01	0.00	0.00	0.00
557583.484160718	557583	4160719	557583.484160718.78	557583.5	4160718.8	HOTEL_47	RESIDENT	0.01	0.00	0.00	0.00
557583.484160728	557583	4160729	557583.484160728.78	557583.5	4160728.8	HOTEL_48	RESIDENT	0.01	0.00	0.00	0.00
557593.484160678	557593	4160679	557593.484160678.78	557593.5	4160678.8	HOTEL_49	RESIDENT	0.01	0.00	0.00	0.00
557593.484160688	557593	4160689	557593.484160688.78	557593.5	4160688.8	HOTEL_50	RESIDENT	0.01	0.00	0.00	0.00
557593.484160698	557593	4160699	557593.484160698.78	557593.5	4160698.8	HOTEL_51	RESIDENT	0.01	0.00	0.00	0.00
557593.484160708	557593	4160709	557593.484160708.78	557593.5	4160708.8	HOTEL_52	RESIDENT	0.01	0.00	0.00	0.00
557593.484160718	557593	4160719	557593.484160718.78	557593.5	4160718.8	HOTEL_53	RESIDENT	0.01	0.00	0.00	0.00
557593.484160728	557593	4160729	557593.484160728.78	557593.5	4160728.8	HOTEL_54	RESIDENT	0.01	0.00	0.00	0.00
557603.484160678	557603	4160679	557603.484160678.78	557603.5	4160678.8	HOTEL_55	RESIDENT	0.01	0.00	0.00	0.00
557603.484160688	557603	4160689	557603.484160688.78	557603.5	4160688.8	HOTEL_56	RESIDENT	0.01	0.00	0.00	0.00
557603.484160698	557603	4160699	557603.484160698.78	557603.5	4160698.8	HOTEL_57	RESIDENT	0.01	0.00	0.00	0.00
557603.484160708	557603	4160709	557603.484160708.78	557603.5	4160708.8	HOTEL_58	RESIDENT	0.01	0.00	0.00	0.00
557603.484160718	557603	4160719	557603.484160718.78	557603.5	4160718.8	HOTEL_59	RESIDENT	0.01	0.00	0.00	0.00
557613.484160678	557613	4160679	557613.484160678.78	557613.5	4160678.8	HOTEL_60	RESIDENT	0.01	0.00	0.00	0.00
557613.484160688	557613	4160689	557613.484160688.78	557613.5	4160688.8	HOTEL_61	RESIDENT	0.01	0.00	0.00	0.00
557613.484160698	557613	4160699	557613.484160698.78	557613.5	4160698.8	HOTEL_62	RESIDENT	0.01	0.00	0.00	0.00
557613.484160708	557613	4160709	557613.484160708.78	557613.5	4160708.8	HOTEL_63	RESIDENT	0.01	0.00	0.00	0.00
557623.484160688	557623	4160689	557623.484160688.78	557623.5	4160688.8	HOTEL_64	RESIDENT	0.01	0.00	0.00	0.00
557623.484160698	557623	4160699	557623.484160698.78	557623.5	4160698.8	HOTEL_65	RESIDENT	0.01	0.00	0.00	0.00
557623.484160708	557623	4160709	557623.484160708.78	557623.5	4160708.8	HOTEL_66	RESIDENT	0.01	0.00	0.00	0.00
558477.664160568	558478	4160569	558477.664160568.94	558477.7	4160568.9	WRKR_512	WORKER	0.08	0.03	0.01	0.01
558477.664160578	558478	4160579	558477.664160578.94	558477.7	4160578.9	WRKR_513	WORKER	0.09	0.04	0.01	0.01
558477.664160588	558478	4160589	558477.664160588.94	558477.7	4160588.9	WRKR_514	WORKER	0.10	0.04	0.01	0.01
558477.664160598	558478	4160599	558477.664160598.94	558477.7	4160598.9	WRKR_515	WORKER	0.11	0.04	0.01	0.02
558487.664160568	558488	4160569	558487.664160568.94	558487.7	4160568.9	WRKR_516	WORKER	0.08	0.03	0.01	0.01
558487.664160578	558488	4160579	558487.664160578.94	558487.7	4160578.9	WRKR_517	WORKER	0.09	0.03	0.01	0.01
558487.664160588	558488	4160589	558487.664160588.94	558487.7	4160588.9	WRKR_518	WORKER	0.09	0.04	0.01	0.01
558487.664160598	558488	4160599	558487.664160598.94	558487.7	4160598.9	WRKR_519	WORKER	0.10	0.04	0.01	0.02
558497.664160568	558498	4160569	558497.664160568.94	558497.7	4160568.9	WRKR_520	WORKER	0.08	0.03	0.01	0.01
558497.664160578	558498	4160579	558497.664160578.94	558497.7	4160578.9	WRKR_521	WORKER	0.08	0.03	0.01	0.01
558497.664160588	558498	4160589	558497.664160588.94	558497.7	4160588.9	WRKR_522	WORKER	0.09	0.04	0.01	0.01
558497.664160598	558498	4160599	558497.664160598.94	558497.7	4160598.9	WRKR_523	WORKER	0.10	0.04	0.01	0.02
558507.664160568	558508	4160569	558507.664160568.94	558507.7	4160568.9	WRKR_524	WORKER	0.07	0.03	0.01	0.01
558507.664160578	558508	4160579	558507.664160578.94	558507.7	4160578.9	WRKR_525	WORKER	0.08	0.03	0.01	0.01
558507.664160588	558508	4160589	558507.664160588.94	558507.7	4160588.9	WRKR_526	WORKER	0.09	0.04	0.01	0.01
558507.664160598	558508	4160599	558507.664160598.94	558507.7	4160598.9	WRKR_527	WORKER	0.09	0.04	0.01	0.01
558517.664160568	558518	4160569	558517.664160568.94	558517.7	4160568.9	WRKR_528	WORKER	0.07	0.03	0.01	0.01
558517.664160578	558518	4160579	558517.664160578.94	558517.7	4160578.9	WRKR_529	WORKER	0.08	0.03	0.01	0.01
558517.664160588	558518	4160589	558517.664160588.94	558517.7	4160588.9	WRKR_530	WORKER	0.08	0.03	0.01	0.01
558517.664160598	558518	4160599	558517.664160598.94	558517.7	4160598.9	WRKR_531	WORKER	0.09	0.04	0.01	0.01
558527.664160568	558528	4160569	558527.664160568.94	558527.7	4160568.9	WRKR_532	WORKER	0.07	0.03	0.01	0.01
558527.664160578	558528	4160579	558527.664160578.94	558527.7	4160578.9	WRKR_533	WORKER	0.08	0.03	0.01	0.01
558527.664160588	558528	4160589	558527.664160588.94	558527.7	4160588.9	WRKR_534	WORKER	0.08	0.03	0.01	0.01
558527.664160598	558528	4160599	558527.664160598.94	558527.7	4160598.9	WRKR_535	WORKER	0.09	0.04	0.01	0.01
558537.664160568	558538	4160569	558537.664160568.94	558537.7	4160568.9	WRKR_536	WORKER	0.07	0.03	0.01	0.01

	Annual PM2.5 Concentration (ug/m^3)						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.069	0.027	0.008	0.009	0.069	558066.09	4160530.12
WORKER	0.350	0.135	0.034	0.039	0.350	558151.05	4160617.13

Annual PM2.5

			Max PM2.5					Annual PM2.5 Concentration (ug/m^3)			
XY	X	Y	XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558537.664160578	558538	4160579	558537.664160578.94	558537.7	4160578.9	WRKR_537	WORKER	0.07	0.03	0.01	0.01
558537.664160588	558538	4160589	558537.664160588.94	558537.7	4160588.9	WRKR_538	WORKER	0.08	0.03	0.01	0.01
558537.664160598	558538	4160599	558537.664160598.94	558537.7	4160598.9	WRKR_539	WORKER	0.08	0.03	0.01	0.01
558547.664160568	558548	4160569	558547.664160568.94	558547.7	4160568.9	WRKR_540	WORKER	0.07	0.03	0.01	0.01
558547.664160578	558548	4160579	558547.664160578.94	558547.7	4160578.9	WRKR_541	WORKER	0.07	0.03	0.01	0.01
558547.664160588	558548	4160589	558547.664160588.94	558547.7	4160588.9	WRKR_542	WORKER	0.07	0.03	0.01	0.01
558557.664160568	558558	4160569	558557.664160568.94	558557.7	4160568.9	WRKR_543	WORKER	0.06	0.03	0.01	0.01
558600.644160569	558601	4160569	558600.644160569.24	558600.6	4160569.2	WRKR_544	WORKER	0.05	0.02	0.01	0.01
558600.644160579	558601	4160579	558600.644160579.24	558600.6	4160579.2	WRKR_545	WORKER	0.06	0.02	0.01	0.01
558600.644160589	558601	4160589	558600.644160589.24	558600.6	4160589.2	WRKR_546	WORKER	0.06	0.02	0.01	0.01
558600.644160599	558601	4160599	558600.644160599.24	558600.6	4160599.2	WRKR_547	WORKER	0.06	0.02	0.01	0.01
558610.644160569	558611	4160569	558610.644160569.24	558610.6	4160569.2	WRKR_548	WORKER	0.05	0.02	0.01	0.01
558610.644160579	558611	4160579	558610.644160579.24	558610.6	4160579.2	WRKR_549	WORKER	0.05	0.02	0.01	0.01
558610.644160589	558611	4160589	558610.644160589.24	558610.6	4160589.2	WRKR_550	WORKER	0.05	0.02	0.01	0.01
558610.644160599	558611	4160599	558610.644160599.24	558610.6	4160599.2	WRKR_551	WORKER	0.06	0.02	0.01	0.01
558620.644160569	558621	4160569	558620.644160569.24	558620.6	4160569.2	WRKR_552	WORKER	0.05	0.02	0.01	0.01
558620.644160579	558621	4160579	558620.644160579.24	558620.6	4160579.2	WRKR_553	WORKER	0.05	0.02	0.01	0.01
558620.644160589	558621	4160589	558620.644160589.24	558620.6	4160589.2	WRKR_554	WORKER	0.05	0.02	0.01	0.01
558620.644160599	558621	4160599	558620.644160599.24	558620.6	4160599.2	WRKR_555	WORKER	0.05	0.02	0.01	0.01
558630.644160569	558631	4160569	558630.644160569.24	558630.6	4160569.2	WRKR_556	WORKER	0.05	0.02	0.01	0.01
558630.644160579	558631	4160579	558630.644160579.24	558630.6	4160579.2	WRKR_557	WORKER	0.05	0.02	0.01	0.01
558630.644160589	558631	4160589	558630.644160589.24	558630.6	4160589.2	WRKR_558	WORKER	0.05	0.02	0.01	0.01
558630.644160599	558631	4160599	558630.644160599.24	558630.6	4160599.2	WRKR_559	WORKER	0.05	0.02	0.01	0.01
558640.644160569	558641	4160569	558640.644160569.24	558640.6	4160569.2	WRKR_560	WORKER	0.04	0.02	0.01	0.01
558640.644160579	558641	4160579	558640.644160579.24	558640.6	4160579.2	WRKR_561	WORKER	0.05	0.02	0.01	0.01
558640.644160589	558641	4160589	558640.644160589.24	558640.6	4160589.2	WRKR_562	WORKER	0.05	0.02	0.01	0.01
558640.644160599	558641	4160599	558640.644160599.24	558640.6	4160599.2	WRKR_563	WORKER	0.05	0.02	0.01	0.01
558650.644160569	558651	4160569	558650.644160569.24	558650.6	4160569.2	WRKR_564	WORKER	0.04	0.02	0.01	0.01
558650.644160579	558651	4160579	558650.644160579.24	558650.6	4160579.2	WRKR_565	WORKER	0.04	0.02	0.01	0.01
558650.644160589	558651	4160589	558650.644160589.24	558650.6	4160589.2	WRKR_566	WORKER	0.04	0.02	0.01	0.01
558650.644160599	558651	4160599	558650.644160599.24	558650.6	4160599.2	WRKR_567	WORKER	0.04	0.02	0.01	0.01
558660.644160569	558661	4160569	558660.644160569.24	558660.6	4160569.2	WRKR_568	WORKER	0.04	0.02	0.01	0.01
558660.644160579	558661	4160579	558660.644160579.24	558660.6	4160579.2	WRKR_569	WORKER	0.04	0.02	0.01	0.01
558660.644160589	558661	4160589	558660.644160589.24	558660.6	4160589.2	WRKR_570	WORKER	0.04	0.02	0.01	0.01
558660.644160599	558661	4160599	558660.644160599.24	558660.6	4160599.2	WRKR_571	WORKER	0.04	0.02	0.01	0.01
558670.644160569	558671	4160569	558670.644160569.24	558670.6	4160569.2	WRKR_572	WORKER	0.04	0.02	0.01	0.01
558670.644160579	558671	4160579	558670.644160579.24	558670.6	4160579.2	WRKR_573	WORKER	0.04	0.02	0.01	0.01
558670.644160589	558671	4160589	558670.644160589.24	558670.6	4160589.2	WRKR_574	WORKER	0.04	0.02	0.01	0.01
558495.44160499.4	558495	4160499	558495.44160499.48	558495.4	4160499.5	WRKR_575	WORKER	0.04	0.02	0.01	0.01
558495.44160509.4	558495	4160509	558495.44160509.48	558495.4	4160509.5	WRKR_576	WORKER	0.05	0.02	0.01	0.01
558495.44160519.4	558495	4160519	558495.44160519.48	558495.4	4160519.5	WRKR_577	WORKER	0.05	0.02	0.01	0.01
558495.44160529.4	558495	4160529	558495.44160529.48	558495.4	4160529.5	WRKR_578	WORKER	0.06	0.02	0.01	0.01
558505.44160499.4	558505	4160499	558505.44160499.48	558505.4	4160499.5	WRKR_579	WORKER	0.04	0.02	0.01	0.01
558505.44160509.4	558505	4160509	558505.44160509.48	558505.4	4160509.5	WRKR_580	WORKER	0.05	0.02	0.01	0.01
558505.44160519.4	558505	4160519	558505.44160519.48	558505.4	4160519.5	WRKR_581	WORKER	0.05	0.02	0.01	0.01
558505.44160529.4	558505	4160529	558505.44160529.48	558505.4	4160529.5	WRKR_582	WORKER	0.05	0.02	0.01	0.01
558515.44160499.4	558515	4160499	558515.44160499.48	558515.4	4160499.5	WRKR_583	WORKER	0.04	0.02	0.01	0.01
558515.44160509.4	558515	4160509	558515.44160509.48	558515.4	4160509.5	WRKR_584	WORKER	0.05	0.02	0.01	0.01
558515.44160519.4	558515	4160519	558515.44160519.48	558515.4	4160519.5	WRKR_585	WORKER	0.05	0.02	0.01	0.01
558515.44160529.4	558515	4160529	558515.44160529.48	558515.4	4160529.5	WRKR_586	WORKER	0.05	0.02	0.01	0.01
558525.44160499.4	558525	4160499	558525.44160499.48	558525.4	4160499.5	WRKR_587	WORKER	0.04	0.02	0.01	0.01
558525.44160509.4	558525	4160509	558525.44160509.48	558525.4	4160509.5	WRKR_588	WORKER	0.04	0.02	0.01	0.01
558525.44160519.4	558525	4160519	558525.44160519.48	558525.4	4160519.5	WRKR_589	WORKER	0.05	0.02	0.01	0.01
558525.44160529.4	558525	4160529	558525.44160529.48	558525.4	4160529.5	WRKR_590	WORKER	0.05	0.02	0.01	0.01
558535.44160499.4	558535	4160499	558535.44160499.48	558535.4	4160499.5	WRKR_591	WORKER	0.04	0.02	0.01	0.01
558535.44160509.4	558535	4160509	558535.44160509.48	558535.4	4160509.5	WRKR_592	WORKER	0.04	0.02	0.01	0.01
558535.44160519.4	558535	4160519	558535.44160519.48	558535.4	4160519.5	WRKR_593	WORKER	0.05	0.02	0.01	0.01
558535.44160529.4	558535	4160529	558535.44160529.48	558535.4	4160529.5	WRKR_594	WORKER	0.05	0.02	0.01	0.01
558545.44160499.4	558545	4160499	558545.44160499.48	558545.4	4160499.5	WRKR_595	WORKER	0.04	0.02	0.01	0.01
558545.44160509.4	558545	4160509	558545.44160509.48	558545.4	4160509.5	WRKR_596	WORKER	0.04	0.02	0.01	0.01
558545.44160519.4	558545	4160519	558545.44160519.48	558545.4	4160519.5	WRKR_597	WORKER	0.05	0.02	0.01	0.01
558545.44160529.4	558545	4160529	558545.44160529.48	558545.4	4160529.5	WRKR_598	WORKER	0.05	0.02	0.01	0.01
558555.44160499.4	558555	4160499	558555.44160499.48	558555.4	4160499.5	WRKR_599	WORKER	0.04	0.02	0.01	0.01
558555.44160509.4	558555	4160509	558555.44160509.48	558555.4	4160509.5	WRKR_600	WORKER	0.04	0.02	0.01	0.01
558555.44160519.4	558555	4160519	558555.44160519.48	558555.4	4160519.5	WRKR_601	WORKER	0.05	0.02	0.01	0.01
558555.44160529.4	558555	4160529	558555.44160529.48	558555.4	4160529.5	WRKR_602	WORKER	0.05	0.02	0.01	0.01
558565.44160499.4	558565	4160499	558565.44160499.48	558565.4	4160499.5	WRKR_603	WORKER	0.04	0.02	0.01	0.01
558565.44160509.4	558565	4160509	558565.44160509.48	558565.4	4160509.5	WRKR_604	WORKER	0.04	0.02	0.01	0.01
558565.44160519.4	558565	4160519	558565.44160519.48	558565.4	4160519.5	WRKR_605	WORKER	0.05	0.02	0.01	0.01
558565.44160529.4	558565	4160529	558565.44160529.48	558565.4	4160529.5	WRKR_606	WORKER	0.05	0.02	0.01	0.01
558618.984160498	558619	4160499	558618.984160498.88	558619	4160498.9	WRKR_607	WORKER	0.04	0.02	0.01	0.01
558618.984160508	558619	4160509	558618.984160508.88	558619	4160508.9	WRKR_608	WORKER	0.04	0.02	0.01	0.01
558618.984160518	558619	4160519	558618.984160518.88	558619	4160518.9	WRKR_609	WORKER	0.04	0.02	0.01	0.01
558618.984160528	558619	4160529	558618.984160528.88	558619	4160528.9	WRKR_610	WORKER	0.04	0.02	0.01	0.01
558628.984160498	558629	4160499	558628.984160498.88	558629	4160498.9	WRKR_611	WORKER	0.04	0.02	0.01	0.01
558628.984160508	558629	4160509	558628.984160508.88	558629	4160508.9	WRKR_612	WORKER	0.04	0.02	0.01	0.01
558628.984160518	558629	4160519	558628.984160518.88	558629	4160518.9	WRKR_613	WORKER	0.04	0.02	0.01	0.01

	Annual PM2.5 Concentration (ug/m^3)						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.069	0.027	0.008	0.009	0.069	558066.09	4160530.12
WORKER	0.350	0.135	0.034	0.039	0.350	558151.05	4160617.13

Annual PM2.5

			Max PM2.5					Annual PM2.5 Concentration (ug/m^3)			
XY	X	Y	XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558628.984160528	558629	4160529	558628.984160528.88	558629	4160528.9	WRKR_614	WORKER	0.04	0.02	0.01	0.01
558638.984160498	558639	4160499	558638.984160498.88	558639	4160498.9	WRKR_615	WORKER	0.04	0.02	0.01	0.01
558638.984160508	558639	4160509	558638.984160508.88	558639	4160508.9	WRKR_616	WORKER	0.04	0.02	0.01	0.01
558638.984160518	558639	4160519	558638.984160518.88	558639	4160518.9	WRKR_617	WORKER	0.04	0.02	0.01	0.01
558638.984160528	558639	4160529	558638.984160528.88	558639	4160528.9	WRKR_618	WORKER	0.04	0.02	0.01	0.01
558648.984160498	558649	4160499	558648.984160498.88	558649	4160498.9	WRKR_619	WORKER	0.03	0.01	0.01	0.01
558648.984160508	558649	4160509	558648.984160508.88	558649	4160508.9	WRKR_620	WORKER	0.04	0.02	0.01	0.01
558648.984160518	558649	4160519	558648.984160518.88	558649	4160518.9	WRKR_621	WORKER	0.04	0.02	0.01	0.01
558648.984160528	558649	4160529	558648.984160528.88	558649	4160528.9	WRKR_622	WORKER	0.04	0.02	0.01	0.01
558658.984160498	558659	4160499	558658.984160498.88	558659	4160498.9	WRKR_623	WORKER	0.03	0.01	0.01	0.01
558658.984160508	558659	4160509	558658.984160508.88	558659	4160508.9	WRKR_624	WORKER	0.04	0.01	0.01	0.01
558658.984160518	558659	4160519	558658.984160518.88	558659	4160518.9	WRKR_625	WORKER	0.04	0.02	0.01	0.01
558658.984160528	558659	4160529	558658.984160528.88	558659	4160528.9	WRKR_626	WORKER	0.04	0.02	0.01	0.01
558668.984160498	558669	4160499	558668.984160498.88	558669	4160498.9	WRKR_627	WORKER	0.03	0.01	0.01	0.01
558668.984160508	558669	4160509	558668.984160508.88	558669	4160508.9	WRKR_628	WORKER	0.03	0.01	0.01	0.01
558668.984160518	558669	4160519	558668.984160518.88	558669	4160518.9	WRKR_629	WORKER	0.04	0.01	0.01	0.01
558668.984160528	558669	4160529	558668.984160528.88	558669	4160528.9	WRKR_630	WORKER	0.04	0.02	0.01	0.01
558678.984160498	558679	4160499	558678.984160498.88	558679	4160498.9	WRKR_631	WORKER	0.03	0.01	0.00	0.01
558678.984160508	558679	4160509	558678.984160508.88	558679	4160508.9	WRKR_632	WORKER	0.03	0.01	0.00	0.01
558678.984160518	558679	4160519	558678.984160518.88	558679	4160518.9	WRKR_633	WORKER	0.03	0.01	0.00	0.01
558678.984160528	558679	4160529	558678.984160528.88	558679	4160528.9	WRKR_634	WORKER	0.03	0.01	0.00	0.01
558688.984160498	558689	4160499	558688.984160498.88	558689	4160498.9	WRKR_635	WORKER	0.03	0.01	0.00	0.01
558688.984160508	558689	4160509	558688.984160508.88	558689	4160508.9	WRKR_636	WORKER	0.03	0.01	0.00	0.01
558688.984160518	558689	4160519	558688.984160518.88	558689	4160518.9	WRKR_637	WORKER	0.03	0.01	0.00	0.01
558444.414160372	558444	4160372	558444.414160372.35	558444.4	4160372.4	WRKR_638	WORKER	0.01	0.01	0.00	0.00
558454.414160382	558454	4160382	558454.414160382.35	558454.4	4160382.4	WRKR_639	WORKER	0.01	0.01	0.00	0.00
558454.414160392	558454	4160392	558454.414160392.35	558454.4	4160392.4	WRKR_640	WORKER	0.02	0.01	0.00	0.00
558454.414160402	558454	4160402	558454.414160402.35	558454.4	4160402.4	WRKR_641	WORKER	0.02	0.01	0.00	0.00
558464.414160382	558464	4160382	558464.414160382.35	558464.4	4160382.4	WRKR_642	WORKER	0.01	0.01	0.00	0.00
558464.414160392	558464	4160392	558464.414160392.35	558464.4	4160392.4	WRKR_643	WORKER	0.02	0.01	0.00	0.00
558464.414160402	558464	4160402	558464.414160402.35	558464.4	4160402.4	WRKR_644	WORKER	0.02	0.01	0.00	0.00
558474.414160382	558474	4160382	558474.414160382.35	558474.4	4160382.4	WRKR_645	WORKER	0.01	0.01	0.00	0.00
558474.414160392	558474	4160392	558474.414160392.35	558474.4	4160392.4	WRKR_646	WORKER	0.02	0.01	0.00	0.00
558474.414160402	558474	4160402	558474.414160402.35	558474.4	4160402.4	WRKR_647	WORKER	0.02	0.01	0.00	0.00
558484.414160382	558484	4160382	558484.414160382.35	558484.4	4160382.4	WRKR_648	WORKER	0.01	0.01	0.00	0.00
558484.414160392	558484	4160392	558484.414160392.35	558484.4	4160392.4	WRKR_649	WORKER	0.02	0.01	0.00	0.00
558484.414160402	558484	4160402	558484.414160402.35	558484.4	4160402.4	WRKR_650	WORKER	0.02	0.01	0.00	0.00
558494.414160382	558494	4160382	558494.414160382.35	558494.4	4160382.4	WRKR_651	WORKER	0.01	0.01	0.00	0.00
558494.414160392	558494	4160392	558494.414160392.35	558494.4	4160392.4	WRKR_652	WORKER	0.02	0.01	0.00	0.00
558494.414160402	558494	4160402	558494.414160402.35	558494.4	4160402.4	WRKR_653	WORKER	0.02	0.01	0.00	0.00
558504.414160382	558504	4160382	558504.414160382.35	558504.4	4160382.4	WRKR_654	WORKER	0.01	0.01	0.00	0.00
558504.414160392	558504	4160392	558504.414160392.35	558504.4	4160392.4	WRKR_655	WORKER	0.02	0.01	0.00	0.00
558504.414160402	558504	4160402	558504.414160402.35	558504.4	4160402.4	WRKR_656	WORKER	0.02	0.01	0.00	0.00
558514.414160382	558514	4160382	558514.414160382.35	558514.4	4160382.4	WRKR_657	WORKER	0.01	0.01	0.00	0.00
558514.414160392	558514	4160392	558514.414160392.35	558514.4	4160392.4	WRKR_658	WORKER	0.02	0.01	0.00	0.00
558514.414160402	558514	4160402	558514.414160402.35	558514.4	4160402.4	WRKR_659	WORKER	0.02	0.01	0.00	0.00
558524.414160392	558524	4160392	558524.414160392.35	558524.4	4160392.4	WRKR_660	WORKER	0.02	0.01	0.00	0.00
558524.414160402	558524	4160402	558524.414160402.35	558524.4	4160402.4	WRKR_661	WORKER	0.02	0.01	0.00	0.00
558581.824160392	558582	4160392	558581.824160392.36	558581.8	4160392.4	WRKR_662	WORKER	0.02	0.01	0.00	0.00
558581.824160402	558582	4160402	558581.824160402.36	558581.8	4160402.4	WRKR_663	WORKER	0.02	0.01	0.00	0.00
558581.824160412	558582	4160412	558581.824160412.36	558581.8	4160412.4	WRKR_664	WORKER	0.02	0.01	0.00	0.00
558581.824160422	558582	4160422	558581.824160422.36	558581.8	4160422.4	WRKR_665	WORKER	0.02	0.01	0.00	0.00
558591.824160392	558592	4160392	558591.824160392.36	558591.8	4160392.4	WRKR_666	WORKER	0.02	0.01	0.00	0.00
558591.824160402	558592	4160402	558591.824160402.36	558591.8	4160402.4	WRKR_667	WORKER	0.02	0.01	0.00	0.00
558591.824160412	558592	4160412	558591.824160412.36	558591.8	4160412.4	WRKR_668	WORKER	0.02	0.01	0.00	0.00
558591.824160422	558592	4160422	558591.824160422.36	558591.8	4160422.4	WRKR_669	WORKER	0.02	0.01	0.00	0.01
558601.824160382	558602	4160382	558601.824160382.36	558601.8	4160382.4	WRKR_670	WORKER	0.02	0.01	0.00	0.00
558601.824160392	558602	4160392	558601.824160392.36	558601.8	4160392.4	WRKR_671	WORKER	0.02	0.01	0.00	0.00
558601.824160402	558602	4160402	558601.824160402.36	558601.8	4160402.4	WRKR_672	WORKER	0.02	0.01	0.00	0.00
558601.824160412	558602	4160412	558601.824160412.36	558601.8	4160412.4	WRKR_673	WORKER	0.02	0.01	0.00	0.00
558601.824160422	558602	4160422	558601.824160422.36	558601.8	4160422.4	WRKR_674	WORKER	0.02	0.01	0.00	0.01
558611.824160382	558612	4160382	558611.824160382.36	558611.8	4160382.4	WRKR_675	WORKER	0.02	0.01	0.00	0.00
558611.824160392	558612	4160392	558611.824160392.36	558611.8	4160392.4	WRKR_676	WORKER	0.02	0.01	0.00	0.00
558611.824160402	558612	4160402	558611.824160402.36	558611.8	4160402.4	WRKR_677	WORKER	0.02	0.01	0.00	0.00
558611.824160412	558612	4160412	558611.824160412.36	558611.8	4160412.4	WRKR_678	WORKER	0.02	0.01	0.00	0.01
558611.824160422	558612	4160422	558611.824160422.36	558611.8	4160422.4	WRKR_679	WORKER	0.02	0.01	0.01	0.01
558621.824160382	558622	4160382	558621.824160382.36	558621.8	4160382.4	WRKR_680	WORKER	0.02	0.01	0.00	0.00
558621.824160392	558622	4160392	558621.824160392.36	558621.8	4160392.4	WRKR_681	WORKER	0.02	0.01	0.00	0.00
558621.824160402	558622	4160402	558621.824160402.36	558621.8	4160402.4	WRKR_682	WORKER	0.02	0.01	0.00	0.00
558621.824160412	558622	4160412	558621.824160412.36	558621.8	4160412.4	WRKR_683	WORKER	0.02	0.01	0.00	0.01
558621.824160422	558622	4160422	558621.824160422.36	558621.8	4160422.4	WRKR_684	WORKER	0.02	0.01	0.00	0.01
558631.824160382	558632	4160382	558631.824160382.36	558631.8	4160382.4	WRKR_685	WORKER	0.02	0.01	0.00	0.00
558631.824160392	558632	4160392	558631.824160392.36	558631.8	4160392.4	WRKR_686	WORKER	0.02	0.01	0.00	0.00
558631.824160402	558632	4160402	558631.824160402.36	558631.8	4160402.4	WRKR_687	WORKER	0.02	0.01	0.00	0.01
558641.824160382	558642	4160382	558641.824160382.36	558641.8	4160382.4	WRKR_688	WORKER	0.02	0.01	0.00	0.00
558641.824160392	558642	4160392	558641.824160392.36	558641.8	4160392.4	WRKR_689	WORKER	0.02	0.01	0.00	0.00
558641.824160402	558642	4160402	558641.824160402.36	558641.8	4160402.4	WRKR_690	WORKER	0.02	0.01	0.00	0.01

	Annual PM2.5 Concentration (ug/m^3)						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.069	0.027	0.008	0.009	0.069	558066.09	4160530.12
WORKER	0.350	0.135	0.034	0.039	0.350	558151.05	4160617.13

Annual PM2.5

			Max PM2.5					Annual PM2.5 Concentration (ug/m^3)			
XY	X	Y	XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558651.824160382	558652	4160382	558651.824160382.36	558651.8	4160382.4	WRKR_691	WORKER	0.02	0.01	0.00	0.00
558651.824160392	558652	4160392	558651.824160392.36	558651.8	4160392.4	WRKR_692	WORKER	0.02	0.01	0.00	0.00
558651.824160402	558652	4160402	558651.824160402.36	558651.8	4160402.4	WRKR_693	WORKER	0.02	0.01	0.00	0.01
558661.824160382	558662	4160382	558661.824160382.36	558661.8	4160382.4	WRKR_694	WORKER	0.02	0.01	0.00	0.00
558661.824160392	558662	4160392	558661.824160392.36	558661.8	4160392.4	WRKR_695	WORKER	0.02	0.01	0.00	0.01
558661.824160402	558662	4160402	558661.824160402.36	558661.8	4160402.4	WRKR_696	WORKER	0.02	0.01	0.00	0.01
558671.824160362	558672	4160362	558671.824160362.36	558671.8	4160362.4	WRKR_697	WORKER	0.02	0.01	0.00	0.00
558671.824160372	558672	4160372	558671.824160372.36	558671.8	4160372.4	WRKR_698	WORKER	0.02	0.01	0.00	0.00
558671.824160382	558672	4160382	558671.824160382.36	558671.8	4160382.4	WRKR_699	WORKER	0.02	0.01	0.00	0.00
558671.824160392	558672	4160392	558671.824160392.36	558671.8	4160392.4	WRKR_700	WORKER	0.02	0.01	0.00	0.01
558671.824160402	558672	4160402	558671.824160402.36	558671.8	4160402.4	WRKR_701	WORKER	0.02	0.01	0.01	0.01
558681.824160362	558682	4160362	558681.824160362.36	558681.8	4160362.4	WRKR_702	WORKER	0.02	0.01	0.00	0.00
558681.824160372	558682	4160372	558681.824160372.36	558681.8	4160372.4	WRKR_703	WORKER	0.02	0.01	0.00	0.00
558681.824160382	558682	4160382	558681.824160382.36	558681.8	4160382.4	WRKR_704	WORKER	0.02	0.01	0.00	0.00
558681.824160392	558682	4160392	558681.824160392.36	558681.8	4160392.4	WRKR_705	WORKER	0.02	0.01	0.00	0.01
558681.824160402	558682	4160402	558681.824160402.36	558681.8	4160402.4	WRKR_706	WORKER	0.02	0.01	0.01	0.01
558691.824160362	558692	4160362	558691.824160362.36	558691.8	4160362.4	WRKR_707	WORKER	0.02	0.01	0.00	0.00
558691.824160372	558692	4160372	558691.824160372.36	558691.8	4160372.4	WRKR_708	WORKER	0.02	0.01	0.00	0.00
558691.824160382	558692	4160382	558691.824160382.36	558691.8	4160382.4	WRKR_709	WORKER	0.02	0.01	0.00	0.01
558691.824160392	558692	4160392	558691.824160392.36	558691.8	4160392.4	WRKR_710	WORKER	0.02	0.01	0.00	0.01
558691.824160402	558692	4160402	558691.824160402.36	558691.8	4160402.4	WRKR_711	WORKER	0.02	0.01	0.01	0.01
558701.824160362	558702	4160362	558701.824160362.36	558701.8	4160362.4	WRKR_712	WORKER	0.02	0.01	0.00	0.01
558701.824160372	558702	4160372	558701.824160372.36	558701.8	4160372.4	WRKR_713	WORKER	0.02	0.01	0.00	0.01
558701.824160382	558702	4160382	558701.824160382.36	558701.8	4160382.4	WRKR_714	WORKER	0.02	0.01	0.00	0.01
558701.824160392	558702	4160392	558701.824160392.36	558701.8	4160392.4	WRKR_715	WORKER	0.02	0.01	0.01	0.01
558701.824160402	558702	4160402	558701.824160402.36	558701.8	4160402.4	WRKR_716	WORKER	0.02	0.01	0.01	0.01
558711.824160362	558712	4160362	558711.824160362.36	558711.8	4160362.4	WRKR_717	WORKER	0.02	0.01	0.01	0.01
558711.824160372	558712	4160372	558711.824160372.36	558711.8	4160372.4	WRKR_718	WORKER	0.02	0.01	0.01	0.01
558711.824160382	558712	4160382	558711.824160382.36	558711.8	4160382.4	WRKR_719	WORKER	0.02	0.01	0.00	0.01
558711.824160392	558712	4160392	558711.824160392.36	558711.8	4160392.4	WRKR_720	WORKER	0.02	0.01	0.01	0.01
558711.824160402	558712	4160402	558711.824160402.36	558711.8	4160402.4	WRKR_721	WORKER	0.02	0.01	0.00	0.01
558721.824160362	558722	4160362	558721.824160362.36	558721.8	4160362.4	WRKR_722	WORKER	0.02	0.01	0.00	0.00
558721.824160372	558722	4160372	558721.824160372.36	558721.8	4160372.4	WRKR_723	WORKER	0.02	0.01	0.00	0.00
558721.824160382	558722	4160382	558721.824160382.36	558721.8	4160382.4	WRKR_724	WORKER	0.02	0.01	0.01	0.01
558721.824160392	558722	4160392	558721.824160392.36	558721.8	4160392.4	WRKR_725	WORKER	0.02	0.01	0.00	0.01
558721.824160402	558722	4160402	558721.824160402.36	558721.8	4160402.4	WRKR_726	WORKER	0.02	0.01	0.00	0.01
558690.094160295	558690	4160295	558690.094160295.24	558690.1	4160295.2	WRKR_727	WORKER	0.01	0.01	0.00	0.00
558690.094160305	558690	4160305	558690.094160305.24	558690.1	4160305.2	WRKR_728	WORKER	0.01	0.01	0.00	0.00
558690.094160315	558690	4160315	558690.094160315.24	558690.1	4160315.2	WRKR_729	WORKER	0.01	0.01	0.00	0.00
558690.094160325	558690	4160325	558690.094160325.24	558690.1	4160325.2	WRKR_730	WORKER	0.01	0.01	0.00	0.00
558690.094160335	558690	4160335	558690.094160335.24	558690.1	4160335.2	WRKR_731	WORKER	0.01	0.01	0.00	0.00
558700.094160295	558700	4160295	558700.094160295.24	558700.1	4160295.2	WRKR_732	WORKER	0.01	0.01	0.00	0.00
558700.094160305	558700	4160305	558700.094160305.24	558700.1	4160305.2	WRKR_733	WORKER	0.01	0.01	0.00	0.00
558700.094160315	558700	4160315	558700.094160315.24	558700.1	4160315.2	WRKR_734	WORKER	0.01	0.01	0.00	0.00
558700.094160325	558700	4160325	558700.094160325.24	558700.1	4160325.2	WRKR_735	WORKER	0.01	0.01	0.00	0.00
558700.094160335	558700	4160335	558700.094160335.24	558700.1	4160335.2	WRKR_736	WORKER	0.01	0.01	0.00	0.00
558710.094160295	558710	4160295	558710.094160295.24	558710.1	4160295.2	WRKR_737	WORKER	0.01	0.01	0.00	0.00
558710.094160305	558710	4160305	558710.094160305.24	558710.1	4160305.2	WRKR_738	WORKER	0.01	0.01	0.00	0.00
558710.094160315	558710	4160315	558710.094160315.24	558710.1	4160315.2	WRKR_739	WORKER	0.01	0.01	0.00	0.01
558710.094160325	558710	4160325	558710.094160325.24	558710.1	4160325.2	WRKR_740	WORKER	0.01	0.01	0.00	0.01
558710.094160335	558710	4160335	558710.094160335.24	558710.1	4160335.2	WRKR_741	WORKER	0.01	0.01	0.00	0.01
558720.094160295	558720	4160295	558720.094160295.24	558720.1	4160295.2	WRKR_742	WORKER	0.01	0.01	0.00	0.00
558720.094160305	558720	4160305	558720.094160305.24	558720.1	4160305.2	WRKR_743	WORKER	0.01	0.01	0.00	0.00
558720.094160315	558720	4160315	558720.094160315.24	558720.1	4160315.2	WRKR_744	WORKER	0.01	0.01	0.00	0.00
558720.094160325	558720	4160325	558720.094160325.24	558720.1	4160325.2	WRKR_745	WORKER	0.01	0.01	0.00	0.00
558612.684160297	558613	4160297	558612.684160297.32	558612.7	4160297.3	WRKR_746	WORKER	0.01	0.00	0.00	0.00
558612.684160307	558613	4160307	558612.684160307.32	558612.7	4160307.3	WRKR_747	WORKER	0.01	0.00	0.00	0.00
558612.684160317	558613	4160317	558612.684160317.32	558612.7	4160317.3	WRKR_748	WORKER	0.01	0.00	0.00	0.00
558612.684160327	558613	4160327	558612.684160327.32	558612.7	4160327.3	WRKR_749	WORKER	0.01	0.00	0.00	0.00
558612.684160337	558613	4160337	558612.684160337.32	558612.7	4160337.3	WRKR_750	WORKER	0.01	0.01	0.00	0.00
558622.684160297	558623	4160297	558622.684160297.32	558622.7	4160297.3	WRKR_751	WORKER	0.01	0.00	0.00	0.00
558622.684160307	558623	4160307	558622.684160307.32	558622.7	4160307.3	WRKR_752	WORKER	0.01	0.00	0.00	0.00
558622.684160317	558623	4160317	558622.684160317.32	558622.7	4160317.3	WRKR_753	WORKER	0.01	0.00	0.00	0.00
558622.684160327	558623	4160327	558622.684160327.32	558622.7	4160327.3	WRKR_754	WORKER	0.01	0.00	0.00	0.00
558622.684160337	558623	4160337	558622.684160337.32	558622.7	4160337.3	WRKR_755	WORKER	0.01	0.01	0.00	0.00
558632.684160297	558633	4160297	558632.684160297.32	558632.7	4160297.3	WRKR_756	WORKER	0.01	0.00	0.00	0.00
558632.684160307	558633	4160307	558632.684160307.32	558632.7	4160307.3	WRKR_757	WORKER	0.01	0.00	0.00	0.00
558632.684160317	558633	4160317	558632.684160317.32	558632.7	4160317.3	WRKR_758	WORKER	0.01	0.00	0.00	0.00
558632.684160327	558633	4160327	558632.684160327.32	558632.7	4160327.3	WRKR_759	WORKER	0.01	0.00	0.00	0.00
558632.684160337	558633	4160337	558632.684160337.32	558632.7	4160337.3	WRKR_760	WORKER	0.01	0.01	0.00	0.00
558642.684160297	558643	4160297	558642.684160297.32	558642.7	4160297.3	WRKR_761	WORKER	0.01	0.00	0.00	0.00
558642.684160307	558643	4160307	558642.684160307.32	558642.7	4160307.3	WRKR_762	WORKER	0.01	0.00	0.00	0.00
558642.684160317	558643	4160317	558642.684160317.32	558642.7	4160317.3	WRKR_763	WORKER	0.01	0.00	0.00	0.00
558642.684160327	558643	4160327	558642.684160327.32	558642.7	4160327.3	WRKR_764	WORKER	0.01	0.01	0.00	0.00
558642.684160337	558643	4160337	558642.684160337.32	558642.7	4160337.3	WRKR_765	WORKER	0.01	0.01	0.00	0.00
558652.684160297	558653	4160297	558652.684160297.32	558652.7	4160297.3	WRKR_766	WORKER	0.01	0.00	0.00	0.00
558652.684160307	558653	4160307	558652.684160307.32	558652.7	4160307.3	WRKR_767	WORKER	0.01	0.00	0.00	0.00

	Annual PM2.5 Concentration (ug/m^3)						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.069	0.027	0.008	0.009	0.069	558066.09	4160530.12
WORKER	0.350	0.135	0.034	0.039	0.350	558151.05	4160617.13

Annual PM2.5

			Max PM2.5					Annual PM2.5 Concentration (ug/m^3)			
XY	X	Y	XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558652.684160317	558653	4160317	558652.684160317.32	558652.7	4160317.3	WRKR_768	WORKER	0.01	0.00	0.00	0.00
558652.684160327	558653	4160327	558652.684160327.32	558652.7	4160327.3	WRKR_769	WORKER	0.01	0.01	0.00	0.00
558652.684160337	558653	4160337	558652.684160337.32	558652.7	4160337.3	WRKR_770	WORKER	0.01	0.01	0.00	0.00
558662.684160297	558663	4160297	558662.684160297.32	558662.7	4160297.3	WRKR_771	WORKER	0.01	0.00	0.00	0.00
558662.684160307	558663	4160307	558662.684160307.32	558662.7	4160307.3	WRKR_772	WORKER	0.01	0.00	0.00	0.00
558662.684160317	558663	4160317	558662.684160317.32	558662.7	4160317.3	WRKR_773	WORKER	0.01	0.00	0.00	0.00
558662.684160327	558663	4160327	558662.684160327.32	558662.7	4160327.3	WRKR_774	WORKER	0.01	0.01	0.00	0.00
558662.684160337	558663	4160337	558662.684160337.32	558662.7	4160337.3	WRKR_775	WORKER	0.01	0.01	0.00	0.00
558672.684160297	558673	4160297	558672.684160297.32	558672.7	4160297.3	WRKR_776	WORKER	0.01	0.00	0.00	0.00
558672.684160307	558673	4160307	558672.684160307.32	558672.7	4160307.3	WRKR_777	WORKER	0.01	0.00	0.00	0.00
558672.684160317	558673	4160317	558672.684160317.32	558672.7	4160317.3	WRKR_778	WORKER	0.01	0.01	0.00	0.00
558672.684160327	558673	4160327	558672.684160327.32	558672.7	4160327.3	WRKR_779	WORKER	0.01	0.01	0.00	0.00
558672.684160337	558673	4160337	558672.684160337.32	558672.7	4160337.3	WRKR_780	WORKER	0.01	0.01	0.00	0.00
558543.584160290	558544	4160291	558543.584160290.65	558543.6	4160290.7	WRKR_781	WORKER	0.01	0.00	0.00	0.00
558553.584160300	558554	4160301	558553.584160300.65	558553.6	4160300.7	WRKR_782	WORKER	0.01	0.00	0.00	0.00
558553.584160310	558554	4160311	558553.584160310.65	558553.6	4160310.7	WRKR_783	WORKER	0.01	0.00	0.00	0.00
558553.584160320	558554	4160321	558553.584160320.65	558553.6	4160320.7	WRKR_784	WORKER	0.01	0.00	0.00	0.00
558553.584160330	558554	4160331	558553.584160330.65	558553.6	4160330.7	WRKR_785	WORKER	0.01	0.00	0.00	0.00
558563.584160300	558564	4160301	558563.584160300.65	558563.6	4160300.7	WRKR_786	WORKER	0.01	0.00	0.00	0.00
558563.584160310	558564	4160311	558563.584160310.65	558563.6	4160310.7	WRKR_787	WORKER	0.01	0.00	0.00	0.00
558563.584160320	558564	4160321	558563.584160320.65	558563.6	4160320.7	WRKR_788	WORKER	0.01	0.00	0.00	0.00
558563.584160330	558564	4160331	558563.584160330.65	558563.6	4160330.7	WRKR_789	WORKER	0.01	0.00	0.00	0.00
558573.584160300	558574	4160301	558573.584160300.65	558573.6	4160300.7	WRKR_790	WORKER	0.01	0.00	0.00	0.00
558573.584160310	558574	4160311	558573.584160310.65	558573.6	4160310.7	WRKR_791	WORKER	0.01	0.00	0.00	0.00
558573.584160320	558574	4160321	558573.584160320.65	558573.6	4160320.7	WRKR_792	WORKER	0.01	0.00	0.00	0.00
558573.584160330	558574	4160331	558573.584160330.65	558573.6	4160330.7	WRKR_793	WORKER	0.01	0.00	0.00	0.00
558583.584160300	558584	4160301	558583.584160300.65	558583.6	4160300.7	WRKR_794	WORKER	0.01	0.00	0.00	0.00
558583.584160310	558584	4160311	558583.584160310.65	558583.6	4160310.7	WRKR_795	WORKER	0.01	0.00	0.00	0.00
558583.584160320	558584	4160321	558583.584160320.65	558583.6	4160320.7	WRKR_796	WORKER	0.01	0.00	0.00	0.00
558583.584160330	558584	4160331	558583.584160330.65	558583.6	4160330.7	WRKR_797	WORKER	0.01	0.00	0.00	0.00
558593.584160330	558594	4160331	558593.584160330.65	558593.6	4160330.7	WRKR_798	WORKER	0.01	0.00	0.00	0.00
558455.354160303	558455	4160304	558455.354160303.56	558455.4	4160303.6	WRKR_799	WORKER	0.01	0.00	0.00	0.00
558455.354160313	558455	4160314	558455.354160313.56	558455.4	4160313.6	WRKR_800	WORKER	0.01	0.00	0.00	0.00
558455.354160323	558455	4160324	558455.354160323.56	558455.4	4160323.6	WRKR_801	WORKER	0.01	0.00	0.00	0.00
558455.354160333	558455	4160334	558455.354160333.56	558455.4	4160333.6	WRKR_802	WORKER	0.01	0.00	0.00	0.00
558455.354160343	558455	4160344	558455.354160343.56	558455.4	4160343.6	WRKR_803	WORKER	0.01	0.00	0.00	0.00
558465.354160303	558465	4160304	558465.354160303.56	558465.4	4160303.6	WRKR_804	WORKER	0.01	0.00	0.00	0.00
558465.354160313	558465	4160314	558465.354160313.56	558465.4	4160313.6	WRKR_805	WORKER	0.01	0.00	0.00	0.00
558465.354160323	558465	4160324	558465.354160323.56	558465.4	4160323.6	WRKR_806	WORKER	0.01	0.00	0.00	0.00
558465.354160333	558465	4160334	558465.354160333.56	558465.4	4160333.6	WRKR_807	WORKER	0.01	0.00	0.00	0.00
558465.354160343	558465	4160344	558465.354160343.56	558465.4	4160343.6	WRKR_808	WORKER	0.01	0.00	0.00	0.00
558475.354160303	558475	4160304	558475.354160303.56	558475.4	4160303.6	WRKR_809	WORKER	0.01	0.00	0.00	0.00
558475.354160313	558475	4160314	558475.354160313.56	558475.4	4160313.6	WRKR_810	WORKER	0.01	0.00	0.00	0.00
558475.354160323	558475	4160324	558475.354160323.56	558475.4	4160323.6	WRKR_811	WORKER	0.01	0.00	0.00	0.00
558475.354160333	558475	4160334	558475.354160333.56	558475.4	4160333.6	WRKR_812	WORKER	0.01	0.00	0.00	0.00
558475.354160343	558475	4160344	558475.354160343.56	558475.4	4160343.6	WRKR_813	WORKER	0.01	0.00	0.00	0.00
558485.354160303	558485	4160304	558485.354160303.56	558485.4	4160303.6	WRKR_814	WORKER	0.01	0.00	0.00	0.00
558485.354160313	558485	4160314	558485.354160313.56	558485.4	4160313.6	WRKR_815	WORKER	0.01	0.00	0.00	0.00
558485.354160323	558485	4160324	558485.354160323.56	558485.4	4160323.6	WRKR_816	WORKER	0.01	0.00	0.00	0.00
558485.354160333	558485	4160334	558485.354160333.56	558485.4	4160333.6	WRKR_817	WORKER	0.01	0.00	0.00	0.00
558485.354160343	558485	4160344	558485.354160343.56	558485.4	4160343.6	WRKR_818	WORKER	0.01	0.00	0.00	0.00
558495.354160303	558495	4160304	558495.354160303.56	558495.4	4160303.6	WRKR_819	WORKER	0.01	0.00	0.00	0.00
558495.354160313	558495	4160314	558495.354160313.56	558495.4	4160313.6	WRKR_820	WORKER	0.01	0.00	0.00	0.00
558495.354160323	558495	4160324	558495.354160323.56	558495.4	4160323.6	WRKR_821	WORKER	0.01	0.00	0.00	0.00
558495.354160333	558495	4160334	558495.354160333.56	558495.4	4160333.6	WRKR_822	WORKER	0.01	0.00	0.00	0.00
558495.354160343	558495	4160344	558495.354160343.56	558495.4	4160343.6	WRKR_823	WORKER	0.01	0.00	0.00	0.00
558505.354160303	558505	4160304	558505.354160303.56	558505.4	4160303.6	WRKR_824	WORKER	0.01	0.00	0.00	0.00
558505.354160313	558505	4160314	558505.354160313.56	558505.4	4160313.6	WRKR_825	WORKER	0.01	0.00	0.00	0.00
558505.354160323	558505	4160324	558505.354160323.56	558505.4	4160323.6	WRKR_826	WORKER	0.01	0.00	0.00	0.00
558505.354160333	558505	4160334	558505.354160333.56	558505.4	4160333.6	WRKR_827	WORKER	0.01	0.00	0.00	0.00
558515.354160303	558515	4160304	558515.354160303.56	558515.4	4160303.6	WRKR_828	WORKER	0.01	0.00	0.00	0.00
558515.354160313	558515	4160314	558515.354160313.56	558515.4	4160313.6	WRKR_829	WORKER	0.01	0.00	0.00	0.00
558515.354160323	558515	4160324	558515.354160323.56	558515.4	4160323.6	WRKR_830	WORKER	0.01	0.00	0.00	0.00
558515.354160333	558515	4160334	558515.354160333.56	558515.4	4160333.6	WRKR_831	WORKER	0.01	0.00	0.00	0.00
558525.354160303	558525	4160304	558525.354160303.56	558525.4	4160303.6	WRKR_832	WORKER	0.01	0.00	0.00	0.00
558525.354160313	558525	4160314	558525.354160313.56	558525.4	4160313.6	WRKR_833	WORKER	0.01	0.00	0.00	0.00
558525.354160323	558525	4160324	558525.354160323.56	558525.4	4160323.6	WRKR_834	WORKER	0.01	0.00	0.00	0.00
558525.354160333	558525	4160334	558525.354160333.56	558525.4	4160333.6	WRKR_835	WORKER	0.01	0.00	0.00	0.00
558535.354160303	558535	4160304	558535.354160303.56	558535.4	4160303.6	WRKR_836	WORKER	0.01	0.00	0.00	0.00
558535.354160313	558535	4160314	558535.354160313.56	558535.4	4160313.6	WRKR_837	WORKER	0.01	0.00	0.00	0.00
558535.354160323	558535	4160324	558535.354160323.56	558535.4	4160323.6	WRKR_838	WORKER	0.01	0.00	0.00	0.00
558535.354160333	558535	4160334	558535.354160333.56	558535.4	4160333.6	WRKR_839	WORKER	0.01	0.00	0.00	0.00
558616.674160229	558617	4160230	558616.674160229.97	558616.7	4160230	WRKR_840	WORKER	0.01	0.00	0.00	0.00
558616.674160239	558617	4160240	558616.674160239.97	558616.7	4160240	WRKR_841	WORKER	0.01	0.00	0.00	0.00
558616.674160249	558617	4160250	558616.674160249.97	558616.7	4160250	WRKR_842	WORKER	0.01	0.00	0.00	0.00
558626.674160229	558627	4160230	558626.674160229.97	558626.7	4160230	WRKR_843	WORKER	0.01	0.00	0.00	0.00
558626.674160239	558627	4160240	558626.674160239.97	558626.7	4160240	WRKR_844	WORKER	0.01	0.00	0.00	0.00

	Annual PM2.5 Concentration (ug/m^3)						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.069	0.027	0.008	0.009	0.069	558066.09	4160530.12
WORKER	0.350	0.135	0.034	0.039	0.350	558151.05	4160617.13

Annual PM2.5

			Max PM2.5					Annual PM2.5 Concentration (ug/m^3)			
XY	X	Y	XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558626.674160249	558627	4160250	558626.674160249.97	558626.7	4160250	WRKR_845	WORKER	0.01	0.00	0.00	0.00
558636.674160229	558637	4160230	558636.674160229.97	558636.7	4160230	WRKR_846	WORKER	0.01	0.00	0.00	0.00
558636.674160239	558637	4160240	558636.674160239.97	558636.7	4160240	WRKR_847	WORKER	0.01	0.00	0.00	0.00
558636.674160249	558637	4160250	558636.674160249.97	558636.7	4160250	WRKR_848	WORKER	0.01	0.00	0.00	0.00
558646.674160229	558647	4160230	558646.674160229.97	558646.7	4160230	WRKR_849	WORKER	0.01	0.00	0.00	0.00
558646.674160239	558647	4160240	558646.674160239.97	558646.7	4160240	WRKR_850	WORKER	0.01	0.00	0.00	0.00
558646.674160249	558647	4160250	558646.674160249.97	558646.7	4160250	WRKR_851	WORKER	0.01	0.00	0.00	0.00
558656.674160229	558657	4160230	558656.674160229.97	558656.7	4160230	WRKR_852	WORKER	0.01	0.00	0.00	0.00
558656.674160239	558657	4160240	558656.674160239.97	558656.7	4160240	WRKR_853	WORKER	0.01	0.00	0.00	0.00
558666.674160229	558667	4160230	558666.674160229.97	558666.7	4160230	WRKR_854	WORKER	0.01	0.00	0.00	0.00
558666.674160239	558667	4160240	558666.674160239.97	558666.7	4160240	WRKR_855	WORKER	0.01	0.00	0.00	0.00
558676.674160229	558677	4160230	558676.674160229.97	558676.7	4160230	WRKR_856	WORKER	0.01	0.00	0.00	0.00
558676.674160239	558677	4160240	558676.674160239.97	558676.7	4160240	WRKR_857	WORKER	0.01	0.00	0.00	0.00
558686.674160229	558687	4160230	558686.674160229.97	558686.7	4160230	WRKR_858	WORKER	0.01	0.00	0.00	0.00
558686.674160239	558687	4160240	558686.674160239.97	558686.7	4160240	WRKR_859	WORKER	0.01	0.00	0.00	0.00
558696.674160229	558697	4160230	558696.674160229.97	558696.7	4160230	WRKR_860	WORKER	0.01	0.00	0.00	0.00
558696.674160239	558697	4160240	558696.674160239.97	558696.7	4160240	WRKR_861	WORKER	0.01	0.00	0.00	0.00
558706.674160229	558707	4160230	558706.674160229.97	558706.7	4160230	WRKR_862	WORKER	0.01	0.00	0.00	0.00
558706.674160239	558707	4160240	558706.674160239.97	558706.7	4160240	WRKR_863	WORKER	0.01	0.00	0.00	0.00
558716.674160229	558717	4160230	558716.674160229.97	558716.7	4160230	WRKR_864	WORKER	0.01	0.01	0.00	0.00
558716.674160239	558717	4160240	558716.674160239.97	558716.7	4160240	WRKR_865	WORKER	0.01	0.00	0.00	0.00
558420.214160235	558420	4160236	558420.214160235.8	558420.2	4160235.8	WRKR_866	WORKER	0.01	0.00	0.00	0.00
558420.214160245	558420	4160246	558420.214160245.8	558420.2	4160245.8	WRKR_867	WORKER	0.01	0.00	0.00	0.00
558420.214160255	558420	4160256	558420.214160255.8	558420.2	4160255.8	WRKR_868	WORKER	0.01	0.00	0.00	0.00
558430.214160235	558430	4160236	558430.214160235.8	558430.2	4160235.8	WRKR_869	WORKER	0.01	0.00	0.00	0.00
558430.214160245	558430	4160246	558430.214160245.8	558430.2	4160245.8	WRKR_870	WORKER	0.01	0.00	0.00	0.00
558430.214160255	558430	4160256	558430.214160255.8	558430.2	4160255.8	WRKR_871	WORKER	0.01	0.00	0.00	0.00
558440.214160235	558440	4160236	558440.214160235.8	558440.2	4160235.8	WRKR_872	WORKER	0.01	0.00	0.00	0.00
558440.214160245	558440	4160246	558440.214160245.8	558440.2	4160245.8	WRKR_873	WORKER	0.01	0.00	0.00	0.00
558440.214160255	558440	4160256	558440.214160255.8	558440.2	4160255.8	WRKR_874	WORKER	0.01	0.00	0.00	0.00
558450.214160235	558450	4160236	558450.214160235.8	558450.2	4160235.8	WRKR_875	WORKER	0.01	0.00	0.00	0.00
558450.214160245	558450	4160246	558450.214160245.8	558450.2	4160245.8	WRKR_876	WORKER	0.01	0.00	0.00	0.00
558450.214160255	558450	4160256	558450.214160255.8	558450.2	4160255.8	WRKR_877	WORKER	0.01	0.00	0.00	0.00
558460.214160235	558460	4160236	558460.214160235.8	558460.2	4160235.8	WRKR_878	WORKER	0.01	0.00	0.00	0.00
558460.214160245	558460	4160246	558460.214160245.8	558460.2	4160245.8	WRKR_879	WORKER	0.01	0.00	0.00	0.00
558460.214160255	558460	4160256	558460.214160255.8	558460.2	4160255.8	WRKR_880	WORKER	0.01	0.00	0.00	0.00
558470.214160235	558470	4160236	558470.214160235.8	558470.2	4160235.8	WRKR_881	WORKER	0.01	0.00	0.00	0.00
558470.214160245	558470	4160246	558470.214160245.8	558470.2	4160245.8	WRKR_882	WORKER	0.01	0.00	0.00	0.00
558470.214160255	558470	4160256	558470.214160255.8	558470.2	4160255.8	WRKR_883	WORKER	0.01	0.00	0.00	0.00
558480.214160235	558480	4160236	558480.214160235.8	558480.2	4160235.8	WRKR_884	WORKER	0.01	0.00	0.00	0.00
558480.214160245	558480	4160246	558480.214160245.8	558480.2	4160245.8	WRKR_885	WORKER	0.01	0.00	0.00	0.00
558480.214160255	558480	4160256	558480.214160255.8	558480.2	4160255.8	WRKR_886	WORKER	0.01	0.00	0.00	0.00
558490.214160235	558490	4160236	558490.214160235.8	558490.2	4160235.8	WRKR_887	WORKER	0.01	0.00	0.00	0.00
558490.214160245	558490	4160246	558490.214160245.8	558490.2	4160245.8	WRKR_888	WORKER	0.01	0.00	0.00	0.00
558490.214160255	558490	4160256	558490.214160255.8	558490.2	4160255.8	WRKR_889	WORKER	0.01	0.00	0.00	0.00
558500.214160235	558500	4160236	558500.214160235.8	558500.2	4160235.8	WRKR_890	WORKER	0.01	0.00	0.00	0.00
558500.214160245	558500	4160246	558500.214160245.8	558500.2	4160245.8	WRKR_891	WORKER	0.01	0.00	0.00	0.00
558500.214160255	558500	4160256	558500.214160255.8	558500.2	4160255.8	WRKR_892	WORKER	0.01	0.00	0.00	0.00
558510.214160235	558510	4160236	558510.214160235.8	558510.2	4160235.8	WRKR_893	WORKER	0.01	0.00	0.00	0.00
558510.214160245	558510	4160246	558510.214160245.8	558510.2	4160245.8	WRKR_894	WORKER	0.01	0.00	0.00	0.00
558510.214160255	558510	4160256	558510.214160255.8	558510.2	4160255.8	WRKR_895	WORKER	0.01	0.00	0.00	0.00
558520.214160235	558520	4160236	558520.214160235.8	558520.2	4160235.8	WRKR_896	WORKER	0.01	0.00	0.00	0.00
558520.214160245	558520	4160246	558520.214160245.8	558520.2	4160245.8	WRKR_897	WORKER	0.01	0.00	0.00	0.00
558520.214160255	558520	4160256	558520.214160255.8	558520.2	4160255.8	WRKR_898	WORKER	0.01	0.00	0.00	0.00
558530.214160235	558530	4160236	558530.214160235.8	558530.2	4160235.8	WRKR_899	WORKER	0.01	0.00	0.00	0.00
558530.214160245	558530	4160246	558530.214160245.8	558530.2	4160245.8	WRKR_900	WORKER	0.01	0.00	0.00	0.00
558530.214160255	558530	4160256	558530.214160255.8	558530.2	4160255.8	WRKR_901	WORKER	0.01	0.00	0.00	0.00
558540.214160235	558540	4160236	558540.214160235.8	558540.2	4160235.8	WRKR_902	WORKER	0.01	0.00	0.00	0.00
558540.214160245	558540	4160246	558540.214160245.8	558540.2	4160245.8	WRKR_903	WORKER	0.01	0.00	0.00	0.00
558540.214160255	558540	4160256	558540.214160255.8	558540.2	4160255.8	WRKR_904	WORKER	0.01	0.00	0.00	0.00
558550.214160235	558550	4160236	558550.214160235.8	558550.2	4160235.8	WRKR_905	WORKER	0.01	0.00	0.00	0.00
558550.214160245	558550	4160246	558550.214160245.8	558550.2	4160245.8	WRKR_906	WORKER	0.01	0.00	0.00	0.00
558550.214160255	558550	4160256	558550.214160255.8	558550.2	4160255.8	WRKR_907	WORKER	0.01	0.00	0.00	0.00
558560.214160235	558560	4160236	558560.214160235.8	558560.2	4160235.8	WRKR_908	WORKER	0.01	0.00	0.00	0.00
558560.214160245	558560	4160246	558560.214160245.8	558560.2	4160245.8	WRKR_909	WORKER	0.01	0.00	0.00	0.00
558560.214160255	558560	4160256	558560.214160255.8	558560.2	4160255.8	WRKR_910	WORKER	0.01	0.00	0.00	0.00
558570.214160235	558570	4160236	558570.214160235.8	558570.2	4160235.8	WRKR_911	WORKER	0.01	0.00	0.00	0.00
558570.214160245	558570	4160246	558570.214160245.8	558570.2	4160245.8	WRKR_912	WORKER	0.01	0.00	0.00	0.00
558570.214160255	558570	4160256	558570.214160255.8	558570.2	4160255.8	WRKR_913	WORKER	0.01	0.00	0.00	0.00
558580.214160235	558580	4160236	558580.214160235.8	558580.2	4160235.8	WRKR_914	WORKER	0.01	0.00	0.00	0.00
558580.214160245	558580	4160246	558580.214160245.8	558580.2	4160245.8	WRKR_915	WORKER	0.01	0.00	0.00	0.00
558590.214160235	558590	4160236	558590.214160235.8	558590.2	4160235.8	WRKR_916	WORKER	0.01	0.00	0.00	0.00
558590.214160245	558590	4160246	558590.214160245.8	558590.2	4160245.8	WRKR_917	WORKER	0.01	0.00	0.00	0.00
558600.214160245	558600	4160246	558600.214160245.8	558600.2	4160245.8	WRKR_918	WORKER	0.01	0.00	0.00	0.00

XY	X	Y	Group	Group2
557996.3841607	557996.38	4160720.52	WRKR_1	WORKER
557996.3841607	557996.38	4160730.52	WRKR_2	WORKER
557996.3841607	557996.38	4160740.52	WRKR_3	WORKER
558006.3841607	558006.38	4160710.52	WRKR_4	WORKER
558006.3841607	558006.38	4160720.52	WRKR_5	WORKER
558006.3841607	558006.38	4160730.52	WRKR_6	WORKER
558006.3841607	558006.38	4160740.52	WRKR_7	WORKER
558016.3841607	558016.38	4160710.52	WRKR_8	WORKER
558016.3841607	558016.38	4160720.52	WRKR_9	WORKER
558016.3841607	558016.38	4160730.52	WRKR_10	WORKER
558016.3841607	558016.38	4160740.52	WRKR_11	WORKER
558026.3841607	558026.38	4160710.52	WRKR_12	WORKER
558026.3841607	558026.38	4160720.52	WRKR_13	WORKER
558026.3841607	558026.38	4160730.52	WRKR_14	WORKER
558026.3841607	558026.38	4160740.52	WRKR_15	WORKER
558277.5341605	558277.53	4160581.24	WRKR_16	WORKER
558277.5341605	558277.53	4160591.24	WRKR_17	WORKER
558287.5341605	558287.53	4160581.24	WRKR_18	WORKER
558287.5341605	558287.53	4160591.24	WRKR_19	WORKER
558297.5341605	558297.53	4160581.24	WRKR_20	WORKER
558297.5341605	558297.53	4160591.24	WRKR_21	WORKER
558307.5341605	558307.53	4160581.24	WRKR_22	WORKER
558307.5341605	558307.53	4160591.24	WRKR_23	WORKER
558317.5341605	558317.53	4160581.24	WRKR_24	WORKER
558317.5341605	558317.53	4160591.24	WRKR_25	WORKER
558327.5341605	558327.53	4160581.24	WRKR_26	WORKER
558327.5341605	558327.53	4160591.24	WRKR_27	WORKER
558337.5341605	558337.53	4160581.24	WRKR_28	WORKER
558101.0541605	558101.05	4160547.13	WRKR_29	WORKER
558101.0541605	558101.05	4160557.13	WRKR_30	WORKER
558111.0541605	558111.05	4160547.13	WRKR_31	WORKER
558111.0541605	558111.05	4160557.13	WRKR_32	WORKER
558111.0541605	558111.05	4160567.13	WRKR_33	WORKER
558121.0541605	558121.05	4160537.13	WRKR_34	WORKER
558121.0541605	558121.05	4160547.13	WRKR_35	WORKER
558121.0541605	558121.05	4160557.13	WRKR_36	WORKER
558121.0541605	558121.05	4160567.13	WRKR_37	WORKER
558121.0541605	558121.05	4160577.13	WRKR_38	WORKER
558121.0541605	558121.05	4160587.13	WRKR_39	WORKER
558131.0541605	558131.05	4160527.13	WRKR_40	WORKER
558131.0541605	558131.05	4160537.13	WRKR_41	WORKER
558131.0541605	558131.05	4160547.13	WRKR_42	WORKER
558131.0541605	558131.05	4160557.13	WRKR_43	WORKER
558131.0541605	558131.05	4160567.13	WRKR_44	WORKER
558131.0541605	558131.05	4160577.13	WRKR_45	WORKER
558131.0541605	558131.05	4160587.13	WRKR_46	WORKER
558131.0541605	558131.05	4160597.13	WRKR_47	WORKER
558141.0541605	558141.05	4160527.13	WRKR_48	WORKER
558141.0541605	558141.05	4160537.13	WRKR_49	WORKER
558141.0541605	558141.05	4160547.13	WRKR_50	WORKER
558141.0541605	558141.05	4160557.13	WRKR_51	WORKER
558141.0541605	558141.05	4160567.13	WRKR_52	WORKER
558141.0541605	558141.05	4160577.13	WRKR_53	WORKER
558141.0541605	558141.05	4160587.13	WRKR_54	WORKER
558141.0541605	558141.05	4160597.13	WRKR_55	WORKER
558141.0541606	558141.05	4160607.13	WRKR_56	WORKER
558151.0541605	558151.05	4160537.13	WRKR_57	WORKER
558151.0541605	558151.05	4160547.13	WRKR_58	WORKER
558151.0541605	558151.05	4160557.13	WRKR_59	WORKER
558151.0541605	558151.05	4160567.13	WRKR_60	WORKER
558151.0541605	558151.05	4160577.13	WRKR_61	WORKER
558151.0541605	558151.05	4160587.13	WRKR_62	WORKER
558151.0541605	558151.05	4160597.13	WRKR_63	WORKER
558151.0541606	558151.05	4160607.13	WRKR_64	WORKER
558151.0541606	558151.05	4160617.13	WRKR_65	WORKER
558161.0541605	558161.05	4160547.13	WRKR_66	WORKER
558161.0541605	558161.05	4160557.13	WRKR_67	WORKER

XY	X	Y	Group	Group2
558161.0541605(	558161.05	4160567.13	WRKR_68	WORKER
558161.0541605'	558161.05	4160577.13	WRKR_69	WORKER
558161.0541605[	558161.05	4160587.13	WRKR_70	WORKER
558161.0541605)	558161.05	4160597.13	WRKR_71	WORKER
558161.0541606(	558161.05	4160607.13	WRKR_72	WORKER
558171.0541605)	558171.05	4160557.13	WRKR_73	WORKER
558171.0541605(	558171.05	4160567.13	WRKR_74	WORKER
558171.0541605'	558171.05	4160577.13	WRKR_75	WORKER
558171.0541605[	558171.05	4160587.13	WRKR_76	WORKER
558171.0541605)	558171.05	4160597.13	WRKR_77	WORKER
558181.0541605(	558181.05	4160567.13	WRKR_78	WORKER
558181.0541605'	558181.05	4160577.13	WRKR_79	WORKER
558181.0541605[	558181.05	4160587.13	WRKR_80	WORKER
558191.0541605'	558191.05	4160577.13	WRKR_81	WORKER
558368.5441605[	558368.54	4160582.33	WRKR_82	WORKER
558378.5441605[	558378.54	4160582.33	WRKR_83	WORKER
558378.5441605)	558378.54	4160592.33	WRKR_84	WORKER
558378.5441606(	558378.54	4160602.33	WRKR_85	WORKER
558378.5441606'	558378.54	4160612.33	WRKR_86	WORKER
558388.5441605[	558388.54	4160582.33	WRKR_87	WORKER
558388.5441605)	558388.54	4160592.33	WRKR_88	WORKER
558388.5441606(	558388.54	4160602.33	WRKR_89	WORKER
558388.5441606'	558388.54	4160612.33	WRKR_90	WORKER
558398.5441605[	558398.54	4160582.33	WRKR_91	WORKER
558398.5441605)	558398.54	4160592.33	WRKR_92	WORKER
558398.5441606(	558398.54	4160602.33	WRKR_93	WORKER
558398.5441606'	558398.54	4160612.33	WRKR_94	WORKER
557976.0941604)	557976.09	4160490.12	HLTN_1	RESIDENT
557976.0941605(	557976.09	4160500.12	HLTN_2	RESIDENT
557976.0941605'	557976.09	4160510.12	HLTN_3	RESIDENT
557976.0941605[	557976.09	4160520.12	HLTN_4	RESIDENT
557976.0941605]	557976.09	4160530.12	HLTN_5	RESIDENT
557986.0941604[	557986.09	4160480.12	HLTN_6	RESIDENT
557986.0941604)	557986.09	4160490.12	HLTN_7	RESIDENT
557986.0941605(	557986.09	4160500.12	HLTN_8	RESIDENT
557986.0941605'	557986.09	4160510.12	HLTN_9	RESIDENT
557986.0941605[	557986.09	4160520.12	HLTN_10	RESIDENT
557986.0941605]	557986.09	4160530.12	HLTN_11	RESIDENT
557996.0941604[	557996.09	4160480.12	HLTN_12	RESIDENT
557996.0941604)	557996.09	4160490.12	HLTN_13	RESIDENT
557996.0941605(	557996.09	4160500.12	HLTN_14	RESIDENT
557996.0941605'	557996.09	4160510.12	HLTN_15	RESIDENT
557996.0941605[	557996.09	4160520.12	HLTN_16	RESIDENT
557996.0941605]	557996.09	4160530.12	HLTN_17	RESIDENT
557996.0941605\	557996.09	4160540.12	HLTN_18	RESIDENT
557996.0941605)	557996.09	4160550.12	HLTN_19	RESIDENT
557996.0941605(	557996.09	4160560.12	HLTN_20	RESIDENT
557996.0941605'	557996.09	4160570.12	HLTN_21	RESIDENT
558006.0941604[	558006.09	4160480.12	HLTN_22	RESIDENT
558006.0941604)	558006.09	4160490.12	HLTN_23	RESIDENT
558006.0941605(	558006.09	4160500.12	HLTN_24	RESIDENT
558006.0941605'	558006.09	4160510.12	HLTN_25	RESIDENT
558006.0941605[	558006.09	4160520.12	HLTN_26	RESIDENT
558006.0941605]	558006.09	4160530.12	HLTN_27	RESIDENT
558006.0941605\	558006.09	4160540.12	HLTN_28	RESIDENT
558006.0941605)	558006.09	4160550.12	HLTN_29	RESIDENT
558006.0941605(	558006.09	4160560.12	HLTN_30	RESIDENT
558006.0941605'	558006.09	4160570.12	HLTN_31	RESIDENT
558016.0941604[	558016.09	4160480.12	HLTN_32	RESIDENT
558016.0941604)	558016.09	4160490.12	HLTN_33	RESIDENT
558016.0941605(	558016.09	4160500.12	HLTN_34	RESIDENT
558016.0941605'	558016.09	4160510.12	HLTN_35	RESIDENT
558016.0941605[	558016.09	4160520.12	HLTN_36	RESIDENT
558016.0941605]	558016.09	4160530.12	HLTN_37	RESIDENT
558016.0941605\	558016.09	4160540.12	HLTN_38	RESIDENT
558016.0941605)	558016.09	4160550.12	HLTN_39	RESIDENT
558016.0941605(	558016.09	4160560.12	HLTN_40	RESIDENT

XY	X	Y	Group	Group2
558016.0941605	558016.09	4160570.12	HLTN_41	RESIDENT
558026.0941604	558026.09	4160480.12	HLTN_42	RESIDENT
558026.0941604	558026.09	4160490.12	HLTN_43	RESIDENT
558026.0941605	558026.09	4160500.12	HLTN_44	RESIDENT
558026.0941605	558026.09	4160510.12	HLTN_45	RESIDENT
558026.0941605	558026.09	4160520.12	HLTN_46	RESIDENT
558026.0941605	558026.09	4160530.12	HLTN_47	RESIDENT
558026.0941605	558026.09	4160540.12	HLTN_48	RESIDENT
558026.0941605	558026.09	4160550.12	HLTN_49	RESIDENT
558026.0941605	558026.09	4160560.12	HLTN_50	RESIDENT
558026.0941605	558026.09	4160570.12	HLTN_51	RESIDENT
558036.0941604	558036.09	4160480.12	HLTN_52	RESIDENT
558036.0941604	558036.09	4160490.12	HLTN_53	RESIDENT
558036.0941605	558036.09	4160500.12	HLTN_54	RESIDENT
558036.0941605	558036.09	4160510.12	HLTN_55	RESIDENT
558036.0941605	558036.09	4160520.12	HLTN_56	RESIDENT
558036.0941605	558036.09	4160530.12	HLTN_57	RESIDENT
558036.0941605	558036.09	4160540.12	HLTN_58	RESIDENT
558036.0941605	558036.09	4160550.12	HLTN_59	RESIDENT
558036.0941605	558036.09	4160560.12	HLTN_60	RESIDENT
558046.0941604	558046.09	4160480.12	HLTN_61	RESIDENT
558046.0941604	558046.09	4160490.12	HLTN_62	RESIDENT
558046.0941605	558046.09	4160500.12	HLTN_63	RESIDENT
558046.0941605	558046.09	4160510.12	HLTN_64	RESIDENT
558046.0941605	558046.09	4160520.12	HLTN_65	RESIDENT
558046.0941605	558046.09	4160530.12	HLTN_66	RESIDENT
558046.0941605	558046.09	4160540.12	HLTN_67	RESIDENT
558046.0941605	558046.09	4160550.12	HLTN_68	RESIDENT
558056.0941604	558056.09	4160480.12	HLTN_69	RESIDENT
558056.0941604	558056.09	4160490.12	HLTN_70	RESIDENT
558056.0941605	558056.09	4160500.12	HLTN_71	RESIDENT
558056.0941605	558056.09	4160510.12	HLTN_72	RESIDENT
558056.0941605	558056.09	4160520.12	HLTN_73	RESIDENT
558056.0941605	558056.09	4160530.12	HLTN_74	RESIDENT
558056.0941605	558056.09	4160540.12	HLTN_75	RESIDENT
558066.0941604	558066.09	4160480.12	HLTN_76	RESIDENT
558066.0941604	558066.09	4160490.12	HLTN_77	RESIDENT
558066.0941605	558066.09	4160500.12	HLTN_78	RESIDENT
558066.0941605	558066.09	4160510.12	HLTN_79	RESIDENT
558066.0941605	558066.09	4160520.12	HLTN_80	RESIDENT
558066.0941605	558066.09	4160530.12	HLTN_81	RESIDENT
558076.0941604	558076.09	4160480.12	HLTN_82	RESIDENT
558076.0941604	558076.09	4160490.12	HLTN_83	RESIDENT
558076.0941605	558076.09	4160500.12	HLTN_84	RESIDENT
558076.0941605	558076.09	4160510.12	HLTN_85	RESIDENT
558076.0941605	558076.09	4160520.12	HLTN_86	RESIDENT
558086.0941604	558086.09	4160490.12	HLTN_87	RESIDENT
558086.0941605	558086.09	4160500.12	HLTN_88	RESIDENT
558086.0941605	558086.09	4160510.12	HLTN_89	RESIDENT
558096.0941604	558096.09	4160490.12	HLTN_90	RESIDENT
558096.0941605	558096.09	4160500.12	HLTN_91	RESIDENT
558186.7841604	558186.78	4160496.28	WRKR_95	WORKER
558186.7841605	558186.78	4160506.28	WRKR_96	WORKER
558196.7841604	558196.78	4160496.28	WRKR_97	WORKER
558196.7841605	558196.78	4160506.28	WRKR_98	WORKER
558196.7841605	558196.78	4160516.28	WRKR_99	WORKER
558196.7841605	558196.78	4160526.28	WRKR_100	WORKER
558206.7841605	558206.78	4160506.28	WRKR_101	WORKER
558206.7841605	558206.78	4160516.28	WRKR_102	WORKER
558206.7841605	558206.78	4160526.28	WRKR_103	WORKER
558206.7841605	558206.78	4160536.28	WRKR_104	WORKER
558216.7841605	558216.78	4160516.28	WRKR_105	WORKER
558216.7841605	558216.78	4160526.28	WRKR_106	WORKER
558216.7841605	558216.78	4160536.28	WRKR_107	WORKER
558216.7841605	558216.78	4160546.28	WRKR_108	WORKER
558226.7841605	558226.78	4160526.28	WRKR_109	WORKER
558226.7841605	558226.78	4160536.28	WRKR_110	WORKER

XY	X	Y	Group	Group2
558226.7841605	558226.78	4160546.28	WRKR_111	WORKER
558236.7841605	558236.78	4160536.28	WRKR_112	WORKER
558115.1741604	558115.17	4160402.59	WRKR_113	WORKER
558115.1741604	558115.17	4160412.59	WRKR_114	WORKER
558115.1741604	558115.17	4160422.59	WRKR_115	WORKER
558115.1741604	558115.17	4160432.59	WRKR_116	WORKER
558115.1741604	558115.17	4160442.59	WRKR_117	WORKER
558125.1741603	558125.17	4160392.59	WRKR_118	WORKER
558125.1741604	558125.17	4160402.59	WRKR_119	WORKER
558125.1741604	558125.17	4160412.59	WRKR_120	WORKER
558125.1741604	558125.17	4160422.59	WRKR_121	WORKER
558125.1741604	558125.17	4160432.59	WRKR_122	WORKER
558125.1741604	558125.17	4160442.59	WRKR_123	WORKER
558135.1741603	558135.17	4160372.59	WRKR_124	WORKER
558135.1741603	558135.17	4160382.59	WRKR_125	WORKER
558135.1741603	558135.17	4160392.59	WRKR_126	WORKER
558135.1741604	558135.17	4160402.59	WRKR_127	WORKER
558135.1741604	558135.17	4160412.59	WRKR_128	WORKER
558135.1741604	558135.17	4160422.59	WRKR_129	WORKER
558135.1741604	558135.17	4160432.59	WRKR_130	WORKER
558135.1741604	558135.17	4160442.59	WRKR_131	WORKER
558145.1741603	558145.17	4160372.59	WRKR_132	WORKER
558145.1741603	558145.17	4160382.59	WRKR_133	WORKER
558145.1741603	558145.17	4160392.59	WRKR_134	WORKER
558145.1741604	558145.17	4160402.59	WRKR_135	WORKER
558145.1741604	558145.17	4160412.59	WRKR_136	WORKER
558145.1741604	558145.17	4160422.59	WRKR_137	WORKER
558145.1741604	558145.17	4160432.59	WRKR_138	WORKER
558145.1741604	558145.17	4160442.59	WRKR_139	WORKER
558155.1741603	558155.17	4160372.59	WRKR_140	WORKER
558155.1741603	558155.17	4160382.59	WRKR_141	WORKER
558155.1741603	558155.17	4160392.59	WRKR_142	WORKER
558155.1741604	558155.17	4160402.59	WRKR_143	WORKER
558155.1741604	558155.17	4160412.59	WRKR_144	WORKER
558155.1741604	558155.17	4160422.59	WRKR_145	WORKER
558155.1741604	558155.17	4160432.59	WRKR_146	WORKER
558155.1741604	558155.17	4160442.59	WRKR_147	WORKER
558165.1741603	558165.17	4160362.59	WRKR_148	WORKER
558165.1741603	558165.17	4160372.59	WRKR_149	WORKER
558165.1741603	558165.17	4160382.59	WRKR_150	WORKER
558165.1741603	558165.17	4160392.59	WRKR_151	WORKER
558165.1741604	558165.17	4160402.59	WRKR_152	WORKER
558165.1741604	558165.17	4160412.59	WRKR_153	WORKER
558165.1741604	558165.17	4160422.59	WRKR_154	WORKER
558165.1741604	558165.17	4160432.59	WRKR_155	WORKER
558175.1741603	558175.17	4160362.59	WRKR_156	WORKER
558175.1741603	558175.17	4160372.59	WRKR_157	WORKER
558175.1741603	558175.17	4160382.59	WRKR_158	WORKER
558175.1741603	558175.17	4160392.59	WRKR_159	WORKER
558175.1741604	558175.17	4160402.59	WRKR_160	WORKER
558175.1741604	558175.17	4160412.59	WRKR_161	WORKER
558175.1741604	558175.17	4160422.59	WRKR_162	WORKER
558185.1741603	558185.17	4160362.59	WRKR_163	WORKER
558185.1741603	558185.17	4160372.59	WRKR_164	WORKER
558185.1741603	558185.17	4160382.59	WRKR_165	WORKER
558185.1741603	558185.17	4160392.59	WRKR_166	WORKER
558185.1741604	558185.17	4160402.59	WRKR_167	WORKER
558185.1741604	558185.17	4160412.59	WRKR_168	WORKER
558185.1741604	558185.17	4160422.59	WRKR_169	WORKER
558185.1741604	558185.17	4160432.59	WRKR_170	WORKER
558185.1741604	558185.17	4160442.59	WRKR_171	WORKER
558195.1741603	558195.17	4160362.59	WRKR_172	WORKER
558195.1741603	558195.17	4160372.59	WRKR_173	WORKER
558195.1741603	558195.17	4160382.59	WRKR_174	WORKER
558195.1741603	558195.17	4160392.59	WRKR_175	WORKER
558195.1741604	558195.17	4160402.59	WRKR_176	WORKER
558195.1741604	558195.17	4160412.59	WRKR_177	WORKER

XY	X	Y	Group	Group2
558195.1741604	558195.17	4160422.59	WRKR_178	WORKER
558195.1741604	558195.17	4160432.59	WRKR_179	WORKER
558195.1741604	558195.17	4160442.59	WRKR_180	WORKER
558195.1741604	558195.17	4160452.59	WRKR_181	WORKER
558205.1741603	558205.17	4160362.59	WRKR_182	WORKER
558205.1741603	558205.17	4160372.59	WRKR_183	WORKER
558205.1741603	558205.17	4160382.59	WRKR_184	WORKER
558205.1741603	558205.17	4160392.59	WRKR_185	WORKER
558205.1741604	558205.17	4160402.59	WRKR_186	WORKER
558205.1741604	558205.17	4160412.59	WRKR_187	WORKER
558205.1741604	558205.17	4160422.59	WRKR_188	WORKER
558205.1741604	558205.17	4160432.59	WRKR_189	WORKER
558205.1741604	558205.17	4160442.59	WRKR_190	WORKER
558205.1741604	558205.17	4160452.59	WRKR_191	WORKER
558205.1741604	558205.17	4160462.59	WRKR_192	WORKER
558215.1741603	558215.17	4160362.59	WRKR_193	WORKER
558215.1741603	558215.17	4160372.59	WRKR_194	WORKER
558215.1741603	558215.17	4160382.59	WRKR_195	WORKER
558215.1741603	558215.17	4160392.59	WRKR_196	WORKER
558215.1741604	558215.17	4160402.59	WRKR_197	WORKER
558215.1741604	558215.17	4160412.59	WRKR_198	WORKER
558215.1741604	558215.17	4160422.59	WRKR_199	WORKER
558215.1741604	558215.17	4160432.59	WRKR_200	WORKER
558215.1741604	558215.17	4160442.59	WRKR_201	WORKER
558215.1741604	558215.17	4160452.59	WRKR_202	WORKER
558215.1741604	558215.17	4160462.59	WRKR_203	WORKER
558215.1741604	558215.17	4160472.59	WRKR_204	WORKER
558225.1741603	558225.17	4160362.59	WRKR_205	WORKER
558225.1741603	558225.17	4160372.59	WRKR_206	WORKER
558225.1741603	558225.17	4160382.59	WRKR_207	WORKER
558225.1741603	558225.17	4160392.59	WRKR_208	WORKER
558225.1741604	558225.17	4160402.59	WRKR_209	WORKER
558225.1741604	558225.17	4160412.59	WRKR_210	WORKER
558225.1741604	558225.17	4160422.59	WRKR_211	WORKER
558225.1741604	558225.17	4160432.59	WRKR_212	WORKER
558225.1741604	558225.17	4160442.59	WRKR_213	WORKER
558225.1741604	558225.17	4160452.59	WRKR_214	WORKER
558225.1741604	558225.17	4160462.59	WRKR_215	WORKER
558225.1741604	558225.17	4160472.59	WRKR_216	WORKER
558225.1741604	558225.17	4160482.59	WRKR_217	WORKER
558235.1741603	558235.17	4160362.59	WRKR_218	WORKER
558235.1741603	558235.17	4160372.59	WRKR_219	WORKER
558235.1741603	558235.17	4160382.59	WRKR_220	WORKER
558235.1741603	558235.17	4160392.59	WRKR_221	WORKER
558235.1741604	558235.17	4160402.59	WRKR_222	WORKER
558235.1741604	558235.17	4160412.59	WRKR_223	WORKER
558235.1741604	558235.17	4160422.59	WRKR_224	WORKER
558235.1741604	558235.17	4160432.59	WRKR_225	WORKER
558235.1741604	558235.17	4160442.59	WRKR_226	WORKER
558235.1741604	558235.17	4160452.59	WRKR_227	WORKER
558235.1741604	558235.17	4160462.59	WRKR_228	WORKER
558235.1741604	558235.17	4160472.59	WRKR_229	WORKER
558235.1741604	558235.17	4160482.59	WRKR_230	WORKER
558235.1741604	558235.17	4160492.59	WRKR_231	WORKER
558245.1741603	558245.17	4160362.59	WRKR_232	WORKER
558245.1741603	558245.17	4160372.59	WRKR_233	WORKER
558245.1741603	558245.17	4160382.59	WRKR_234	WORKER
558245.1741603	558245.17	4160392.59	WRKR_235	WORKER
558245.1741604	558245.17	4160402.59	WRKR_236	WORKER
558245.1741604	558245.17	4160412.59	WRKR_237	WORKER
558245.1741604	558245.17	4160422.59	WRKR_238	WORKER
558245.1741604	558245.17	4160432.59	WRKR_239	WORKER
558245.1741604	558245.17	4160442.59	WRKR_240	WORKER
558245.1741604	558245.17	4160452.59	WRKR_241	WORKER
558245.1741604	558245.17	4160462.59	WRKR_242	WORKER
558245.1741604	558245.17	4160472.59	WRKR_243	WORKER
558245.1741604	558245.17	4160482.59	WRKR_244	WORKER

XY	X	Y	Group	Group2
558245.1741604	558245.17	4160492.59	WRKR_245	WORKER
558245.1741605	558245.17	4160502.59	WRKR_246	WORKER
558255.1741603	558255.17	4160362.59	WRKR_247	WORKER
558255.1741603	558255.17	4160372.59	WRKR_248	WORKER
558255.1741603	558255.17	4160382.59	WRKR_249	WORKER
558255.1741603	558255.17	4160392.59	WRKR_250	WORKER
558255.1741604	558255.17	4160402.59	WRKR_251	WORKER
558255.1741604	558255.17	4160412.59	WRKR_252	WORKER
558255.1741604	558255.17	4160422.59	WRKR_253	WORKER
558255.1741604	558255.17	4160432.59	WRKR_254	WORKER
558255.1741604	558255.17	4160442.59	WRKR_255	WORKER
558255.1741604	558255.17	4160452.59	WRKR_256	WORKER
558255.1741604	558255.17	4160462.59	WRKR_257	WORKER
558255.1741604	558255.17	4160472.59	WRKR_258	WORKER
558255.1741604	558255.17	4160482.59	WRKR_259	WORKER
558255.1741604	558255.17	4160492.59	WRKR_260	WORKER
558255.1741605	558255.17	4160502.59	WRKR_261	WORKER
558255.1741605	558255.17	4160512.59	WRKR_262	WORKER
558265.1741603	558265.17	4160362.59	WRKR_263	WORKER
558265.1741603	558265.17	4160372.59	WRKR_264	WORKER
558265.1741603	558265.17	4160382.59	WRKR_265	WORKER
558265.1741603	558265.17	4160392.59	WRKR_266	WORKER
558265.1741604	558265.17	4160402.59	WRKR_267	WORKER
558265.1741604	558265.17	4160412.59	WRKR_268	WORKER
558265.1741604	558265.17	4160422.59	WRKR_269	WORKER
558265.1741604	558265.17	4160432.59	WRKR_270	WORKER
558265.1741604	558265.17	4160442.59	WRKR_271	WORKER
558265.1741604	558265.17	4160452.59	WRKR_272	WORKER
558265.1741604	558265.17	4160462.59	WRKR_273	WORKER
558265.1741604	558265.17	4160472.59	WRKR_274	WORKER
558265.1741604	558265.17	4160482.59	WRKR_275	WORKER
558265.1741604	558265.17	4160492.59	WRKR_276	WORKER
558265.1741605	558265.17	4160502.59	WRKR_277	WORKER
558265.1741605	558265.17	4160512.59	WRKR_278	WORKER
558265.1741605	558265.17	4160522.59	WRKR_279	WORKER
558275.1741603	558275.17	4160362.59	WRKR_280	WORKER
558275.1741603	558275.17	4160372.59	WRKR_281	WORKER
558275.1741603	558275.17	4160382.59	WRKR_282	WORKER
558275.1741603	558275.17	4160392.59	WRKR_283	WORKER
558275.1741604	558275.17	4160402.59	WRKR_284	WORKER
558275.1741604	558275.17	4160412.59	WRKR_285	WORKER
558275.1741604	558275.17	4160422.59	WRKR_286	WORKER
558275.1741604	558275.17	4160432.59	WRKR_287	WORKER
558275.1741604	558275.17	4160442.59	WRKR_288	WORKER
558275.1741604	558275.17	4160452.59	WRKR_289	WORKER
558275.1741604	558275.17	4160462.59	WRKR_290	WORKER
558275.1741604	558275.17	4160472.59	WRKR_291	WORKER
558275.1741604	558275.17	4160482.59	WRKR_292	WORKER
558275.1741604	558275.17	4160492.59	WRKR_293	WORKER
558275.1741605	558275.17	4160502.59	WRKR_294	WORKER
558275.1741605	558275.17	4160512.59	WRKR_295	WORKER
558275.1741605	558275.17	4160522.59	WRKR_296	WORKER
558275.1741605	558275.17	4160532.59	WRKR_297	WORKER
558285.1741603	558285.17	4160362.59	WRKR_298	WORKER
558285.1741603	558285.17	4160372.59	WRKR_299	WORKER
558285.1741603	558285.17	4160382.59	WRKR_300	WORKER
558285.1741603	558285.17	4160392.59	WRKR_301	WORKER
558285.1741604	558285.17	4160402.59	WRKR_302	WORKER
558285.1741604	558285.17	4160412.59	WRKR_303	WORKER
558285.1741604	558285.17	4160422.59	WRKR_304	WORKER
558285.1741604	558285.17	4160432.59	WRKR_305	WORKER
558285.1741604	558285.17	4160442.59	WRKR_306	WORKER
558285.1741604	558285.17	4160452.59	WRKR_307	WORKER
558285.1741604	558285.17	4160462.59	WRKR_308	WORKER
558285.1741604	558285.17	4160472.59	WRKR_309	WORKER
558285.1741604	558285.17	4160482.59	WRKR_310	WORKER
558285.1741604	558285.17	4160492.59	WRKR_311	WORKER

XY	X	Y	Group	Group2
558285.1741605(	558285.17	4160502.59	WRKR_312	WORKER
558285.1741605:	558285.17	4160512.59	WRKR_313	WORKER
558285.1741605:	558285.17	4160522.59	WRKR_314	WORKER
558285.1741605:	558285.17	4160532.59	WRKR_315	WORKER
558295.1741603(	558295.17	4160362.59	WRKR_316	WORKER
558295.1741603'	558295.17	4160372.59	WRKR_317	WORKER
558295.1741603:	558295.17	4160382.59	WRKR_318	WORKER
558295.1741603:	558295.17	4160392.59	WRKR_319	WORKER
558295.1741604(	558295.17	4160402.59	WRKR_320	WORKER
558295.1741604:	558295.17	4160412.59	WRKR_321	WORKER
558295.1741604:	558295.17	4160422.59	WRKR_322	WORKER
558295.1741604:	558295.17	4160432.59	WRKR_323	WORKER
558295.1741604:	558295.17	4160442.59	WRKR_324	WORKER
558295.1741604:	558295.17	4160452.59	WRKR_325	WORKER
558295.1741604(	558295.17	4160462.59	WRKR_326	WORKER
558295.1741604'	558295.17	4160472.59	WRKR_327	WORKER
558295.1741604:	558295.17	4160482.59	WRKR_328	WORKER
558295.1741604:	558295.17	4160492.59	WRKR_329	WORKER
558295.1741605(	558295.17	4160502.59	WRKR_330	WORKER
558295.1741605:	558295.17	4160512.59	WRKR_331	WORKER
558295.1741605:	558295.17	4160522.59	WRKR_332	WORKER
558295.1741605:	558295.17	4160532.59	WRKR_333	WORKER
558305.1741603(	558305.17	4160362.59	WRKR_334	WORKER
558305.1741603'	558305.17	4160372.59	WRKR_335	WORKER
558305.1741603:	558305.17	4160382.59	WRKR_336	WORKER
558305.1741603:	558305.17	4160392.59	WRKR_337	WORKER
558305.1741604(	558305.17	4160402.59	WRKR_338	WORKER
558305.1741604:	558305.17	4160412.59	WRKR_339	WORKER
558305.1741604:	558305.17	4160422.59	WRKR_340	WORKER
558305.1741604:	558305.17	4160432.59	WRKR_341	WORKER
558305.1741604:	558305.17	4160442.59	WRKR_342	WORKER
558305.1741604:	558305.17	4160452.59	WRKR_343	WORKER
558305.1741604(	558305.17	4160462.59	WRKR_344	WORKER
558305.1741604'	558305.17	4160472.59	WRKR_345	WORKER
558305.1741604:	558305.17	4160482.59	WRKR_346	WORKER
558305.1741604:	558305.17	4160492.59	WRKR_347	WORKER
558305.1741605(	558305.17	4160502.59	WRKR_348	WORKER
558305.1741605:	558305.17	4160512.59	WRKR_349	WORKER
558305.1741605:	558305.17	4160522.59	WRKR_350	WORKER
558305.1741605:	558305.17	4160532.59	WRKR_351	WORKER
558315.1741603(	558315.17	4160362.59	WRKR_352	WORKER
558315.1741603'	558315.17	4160372.59	WRKR_353	WORKER
558315.1741603:	558315.17	4160382.59	WRKR_354	WORKER
558315.1741603:	558315.17	4160392.59	WRKR_355	WORKER
558315.1741604(	558315.17	4160402.59	WRKR_356	WORKER
558315.1741604:	558315.17	4160412.59	WRKR_357	WORKER
558315.1741604:	558315.17	4160422.59	WRKR_358	WORKER
558315.1741604:	558315.17	4160432.59	WRKR_359	WORKER
558315.1741604:	558315.17	4160442.59	WRKR_360	WORKER
558315.1741604:	558315.17	4160452.59	WRKR_361	WORKER
558315.1741604(	558315.17	4160462.59	WRKR_362	WORKER
558315.1741604'	558315.17	4160472.59	WRKR_363	WORKER
558315.1741604:	558315.17	4160482.59	WRKR_364	WORKER
558315.1741604:	558315.17	4160492.59	WRKR_365	WORKER
558315.1741605(	558315.17	4160502.59	WRKR_366	WORKER
558315.1741605:	558315.17	4160512.59	WRKR_367	WORKER
558315.1741605:	558315.17	4160522.59	WRKR_368	WORKER
558315.1741605:	558315.17	4160532.59	WRKR_369	WORKER
558325.1741603(	558325.17	4160362.59	WRKR_370	WORKER
558325.1741603'	558325.17	4160372.59	WRKR_371	WORKER
558325.1741603:	558325.17	4160382.59	WRKR_372	WORKER
558325.1741603:	558325.17	4160392.59	WRKR_373	WORKER
558325.1741604(	558325.17	4160402.59	WRKR_374	WORKER
558325.1741604:	558325.17	4160412.59	WRKR_375	WORKER
558325.1741604:	558325.17	4160422.59	WRKR_376	WORKER
558325.1741604:	558325.17	4160432.59	WRKR_377	WORKER
558325.1741604:	558325.17	4160442.59	WRKR_378	WORKER

XY	X	Y	Group	Group2
558325.1741604	558325.17	4160452.59	WRKR_379	WORKER
558325.1741604	558325.17	4160462.59	WRKR_380	WORKER
558325.1741604	558325.17	4160472.59	WRKR_381	WORKER
558325.1741604	558325.17	4160482.59	WRKR_382	WORKER
558325.1741604	558325.17	4160492.59	WRKR_383	WORKER
558325.1741605	558325.17	4160502.59	WRKR_384	WORKER
558325.1741605	558325.17	4160512.59	WRKR_385	WORKER
558325.1741605	558325.17	4160522.59	WRKR_386	WORKER
558325.1741605	558325.17	4160532.59	WRKR_387	WORKER
558335.1741603	558335.17	4160362.59	WRKR_388	WORKER
558335.1741603	558335.17	4160372.59	WRKR_389	WORKER
558335.1741603	558335.17	4160382.59	WRKR_390	WORKER
558335.1741603	558335.17	4160392.59	WRKR_391	WORKER
558335.1741604	558335.17	4160402.59	WRKR_392	WORKER
558335.1741604	558335.17	4160412.59	WRKR_393	WORKER
558335.1741604	558335.17	4160422.59	WRKR_394	WORKER
558335.1741604	558335.17	4160432.59	WRKR_395	WORKER
558335.1741604	558335.17	4160442.59	WRKR_396	WORKER
558335.1741604	558335.17	4160452.59	WRKR_397	WORKER
558335.1741604	558335.17	4160462.59	WRKR_398	WORKER
558335.1741604	558335.17	4160472.59	WRKR_399	WORKER
558335.1741604	558335.17	4160482.59	WRKR_400	WORKER
558335.1741604	558335.17	4160492.59	WRKR_401	WORKER
558335.1741605	558335.17	4160502.59	WRKR_402	WORKER
558335.1741605	558335.17	4160512.59	WRKR_403	WORKER
558335.1741605	558335.17	4160522.59	WRKR_404	WORKER
558335.1741605	558335.17	4160532.59	WRKR_405	WORKER
558345.1741603	558345.17	4160362.59	WRKR_406	WORKER
558345.1741603	558345.17	4160372.59	WRKR_407	WORKER
558345.1741603	558345.17	4160382.59	WRKR_408	WORKER
558345.1741603	558345.17	4160392.59	WRKR_409	WORKER
558345.1741604	558345.17	4160402.59	WRKR_410	WORKER
558345.1741604	558345.17	4160412.59	WRKR_411	WORKER
558345.1741604	558345.17	4160422.59	WRKR_412	WORKER
558345.1741604	558345.17	4160432.59	WRKR_413	WORKER
558345.1741604	558345.17	4160442.59	WRKR_414	WORKER
558345.1741604	558345.17	4160452.59	WRKR_415	WORKER
558345.1741604	558345.17	4160462.59	WRKR_416	WORKER
558345.1741604	558345.17	4160472.59	WRKR_417	WORKER
558345.1741604	558345.17	4160482.59	WRKR_418	WORKER
558345.1741604	558345.17	4160492.59	WRKR_419	WORKER
558345.1741605	558345.17	4160502.59	WRKR_420	WORKER
558345.1741605	558345.17	4160512.59	WRKR_421	WORKER
558345.1741605	558345.17	4160522.59	WRKR_422	WORKER
558345.1741605	558345.17	4160532.59	WRKR_423	WORKER
558355.1741603	558355.17	4160362.59	WRKR_424	WORKER
558355.1741603	558355.17	4160372.59	WRKR_425	WORKER
558355.1741603	558355.17	4160382.59	WRKR_426	WORKER
558355.1741603	558355.17	4160392.59	WRKR_427	WORKER
558355.1741604	558355.17	4160402.59	WRKR_428	WORKER
558355.1741604	558355.17	4160412.59	WRKR_429	WORKER
558355.1741604	558355.17	4160422.59	WRKR_430	WORKER
558355.1741604	558355.17	4160432.59	WRKR_431	WORKER
558355.1741604	558355.17	4160442.59	WRKR_432	WORKER
558355.1741604	558355.17	4160452.59	WRKR_433	WORKER
558355.1741604	558355.17	4160462.59	WRKR_434	WORKER
558355.1741604	558355.17	4160472.59	WRKR_435	WORKER
558355.1741604	558355.17	4160482.59	WRKR_436	WORKER
558355.1741604	558355.17	4160492.59	WRKR_437	WORKER
558355.1741605	558355.17	4160502.59	WRKR_438	WORKER
558355.1741605	558355.17	4160512.59	WRKR_439	WORKER
558355.1741605	558355.17	4160522.59	WRKR_440	WORKER
558355.1741605	558355.17	4160532.59	WRKR_441	WORKER
558365.1741603	558365.17	4160362.59	WRKR_442	WORKER
558365.1741603	558365.17	4160372.59	WRKR_443	WORKER
558365.1741603	558365.17	4160382.59	WRKR_444	WORKER
558365.1741603	558365.17	4160392.59	WRKR_445	WORKER

XY	X	Y	Group	Group2
558365.1741604(	558365.17	4160402.59	WRKR_446	WORKER
558365.1741604:	558365.17	4160412.59	WRKR_447	WORKER
558365.1741604:	558365.17	4160422.59	WRKR_448	WORKER
558365.1741604:	558365.17	4160432.59	WRKR_449	WORKER
558365.1741604	558365.17	4160442.59	WRKR_450	WORKER
558365.1741604	558365.17	4160452.59	WRKR_451	WORKER
558365.1741604(	558365.17	4160462.59	WRKR_452	WORKER
558365.1741604	558365.17	4160472.59	WRKR_453	WORKER
558365.1741604	558365.17	4160482.59	WRKR_454	WORKER
558365.1741604	558365.17	4160492.59	WRKR_455	WORKER
558365.1741605(	558365.17	4160502.59	WRKR_456	WORKER
558365.1741605:	558365.17	4160512.59	WRKR_457	WORKER
558365.1741605:	558365.17	4160522.59	WRKR_458	WORKER
558365.1741605:	558365.17	4160532.59	WRKR_459	WORKER
558375.1741603(	558375.17	4160362.59	WRKR_460	WORKER
558375.1741603	558375.17	4160372.59	WRKR_461	WORKER
558375.1741603	558375.17	4160382.59	WRKR_462	WORKER
558375.1741603	558375.17	4160392.59	WRKR_463	WORKER
558375.1741604(	558375.17	4160402.59	WRKR_464	WORKER
558375.1741604:	558375.17	4160412.59	WRKR_465	WORKER
558375.1741604:	558375.17	4160422.59	WRKR_466	WORKER
558375.1741604:	558375.17	4160432.59	WRKR_467	WORKER
558375.1741604	558375.17	4160442.59	WRKR_468	WORKER
558375.1741604	558375.17	4160452.59	WRKR_469	WORKER
558375.1741604(	558375.17	4160462.59	WRKR_470	WORKER
558375.1741604	558375.17	4160472.59	WRKR_471	WORKER
558375.1741604	558375.17	4160482.59	WRKR_472	WORKER
558375.1741604	558375.17	4160492.59	WRKR_473	WORKER
558375.1741605(	558375.17	4160502.59	WRKR_474	WORKER
558375.1741605:	558375.17	4160512.59	WRKR_475	WORKER
558375.1741605:	558375.17	4160522.59	WRKR_476	WORKER
558375.1741605:	558375.17	4160532.59	WRKR_477	WORKER
558385.1741603(	558385.17	4160362.59	WRKR_478	WORKER
558385.1741603	558385.17	4160372.59	WRKR_479	WORKER
558385.1741603	558385.17	4160382.59	WRKR_480	WORKER
558385.1741603	558385.17	4160392.59	WRKR_481	WORKER
558385.1741604(	558385.17	4160402.59	WRKR_482	WORKER
558385.1741604:	558385.17	4160412.59	WRKR_483	WORKER
558385.1741604:	558385.17	4160422.59	WRKR_484	WORKER
558385.1741604:	558385.17	4160432.59	WRKR_485	WORKER
558385.1741604	558385.17	4160442.59	WRKR_486	WORKER
558385.1741604	558385.17	4160452.59	WRKR_487	WORKER
558385.1741604(	558385.17	4160462.59	WRKR_488	WORKER
558385.1741604	558385.17	4160472.59	WRKR_489	WORKER
558385.1741604	558385.17	4160482.59	WRKR_490	WORKER
558385.1741604	558385.17	4160492.59	WRKR_491	WORKER
558385.1741605(	558385.17	4160502.59	WRKR_492	WORKER
558385.1741605:	558385.17	4160512.59	WRKR_493	WORKER
558385.1741605:	558385.17	4160522.59	WRKR_494	WORKER
558385.1741605:	558385.17	4160532.59	WRKR_495	WORKER
558395.1741603(	558395.17	4160362.59	WRKR_496	WORKER
558395.1741603	558395.17	4160372.59	WRKR_497	WORKER
558395.1741603	558395.17	4160382.59	WRKR_498	WORKER
558395.1741603	558395.17	4160392.59	WRKR_499	WORKER
558395.1741604(	558395.17	4160402.59	WRKR_500	WORKER
558395.1741604:	558395.17	4160412.59	WRKR_501	WORKER
558395.1741604:	558395.17	4160422.59	WRKR_502	WORKER
558395.1741604:	558395.17	4160432.59	WRKR_503	WORKER
558395.1741604	558395.17	4160442.59	WRKR_504	WORKER
558395.1741604	558395.17	4160452.59	WRKR_505	WORKER
558395.1741604(	558395.17	4160462.59	WRKR_506	WORKER
558395.1741604	558395.17	4160472.59	WRKR_507	WORKER
558395.1741604	558395.17	4160482.59	WRKR_508	WORKER
558395.1741604	558395.17	4160492.59	WRKR_509	WORKER
558395.1741605(	558395.17	4160502.59	WRKR_510	WORKER
558395.1741605:	558395.17	4160512.59	WRKR_511	WORKER
557513.4841606	557513.48	4160678.78	HOTEL_1	RESIDENT

XY	X	Y	Group	Group2
557513.4841606	557513.48	4160688.78	HOTEL_2	RESIDENT
557513.4841606	557513.48	4160698.78	HOTEL_3	RESIDENT
557513.4841607	557513.48	4160708.78	HOTEL_4	RESIDENT
557513.4841607	557513.48	4160718.78	HOTEL_5	RESIDENT
557513.4841607	557513.48	4160728.78	HOTEL_6	RESIDENT
557523.4841606	557523.48	4160678.78	HOTEL_7	RESIDENT
557523.4841606	557523.48	4160688.78	HOTEL_8	RESIDENT
557523.4841606	557523.48	4160698.78	HOTEL_9	RESIDENT
557523.4841607	557523.48	4160708.78	HOTEL_10	RESIDENT
557523.4841607	557523.48	4160718.78	HOTEL_11	RESIDENT
557523.4841607	557523.48	4160728.78	HOTEL_12	RESIDENT
557533.4841606	557533.48	4160678.78	HOTEL_13	RESIDENT
557533.4841606	557533.48	4160688.78	HOTEL_14	RESIDENT
557533.4841606	557533.48	4160698.78	HOTEL_15	RESIDENT
557533.4841607	557533.48	4160708.78	HOTEL_16	RESIDENT
557533.4841607	557533.48	4160718.78	HOTEL_17	RESIDENT
557533.4841607	557533.48	4160728.78	HOTEL_18	RESIDENT
557543.4841606	557543.48	4160678.78	HOTEL_19	RESIDENT
557543.4841606	557543.48	4160688.78	HOTEL_20	RESIDENT
557543.4841606	557543.48	4160698.78	HOTEL_21	RESIDENT
557543.4841607	557543.48	4160708.78	HOTEL_22	RESIDENT
557543.4841607	557543.48	4160718.78	HOTEL_23	RESIDENT
557543.4841607	557543.48	4160728.78	HOTEL_24	RESIDENT
557553.4841606	557553.48	4160678.78	HOTEL_25	RESIDENT
557553.4841606	557553.48	4160688.78	HOTEL_26	RESIDENT
557553.4841606	557553.48	4160698.78	HOTEL_27	RESIDENT
557553.4841607	557553.48	4160708.78	HOTEL_28	RESIDENT
557553.4841607	557553.48	4160718.78	HOTEL_29	RESIDENT
557553.4841607	557553.48	4160728.78	HOTEL_30	RESIDENT
557563.4841606	557563.48	4160678.78	HOTEL_31	RESIDENT
557563.4841606	557563.48	4160688.78	HOTEL_32	RESIDENT
557563.4841606	557563.48	4160698.78	HOTEL_33	RESIDENT
557563.4841607	557563.48	4160708.78	HOTEL_34	RESIDENT
557563.4841607	557563.48	4160718.78	HOTEL_35	RESIDENT
557563.4841607	557563.48	4160728.78	HOTEL_36	RESIDENT
557573.4841606	557573.48	4160678.78	HOTEL_37	RESIDENT
557573.4841606	557573.48	4160688.78	HOTEL_38	RESIDENT
557573.4841606	557573.48	4160698.78	HOTEL_39	RESIDENT
557573.4841607	557573.48	4160708.78	HOTEL_40	RESIDENT
557573.4841607	557573.48	4160718.78	HOTEL_41	RESIDENT
557573.4841607	557573.48	4160728.78	HOTEL_42	RESIDENT
557583.4841606	557583.48	4160678.78	HOTEL_43	RESIDENT
557583.4841606	557583.48	4160688.78	HOTEL_44	RESIDENT
557583.4841606	557583.48	4160698.78	HOTEL_45	RESIDENT
557583.4841607	557583.48	4160708.78	HOTEL_46	RESIDENT
557583.4841607	557583.48	4160718.78	HOTEL_47	RESIDENT
557583.4841607	557583.48	4160728.78	HOTEL_48	RESIDENT
557593.4841606	557593.48	4160678.78	HOTEL_49	RESIDENT
557593.4841606	557593.48	4160688.78	HOTEL_50	RESIDENT
557593.4841606	557593.48	4160698.78	HOTEL_51	RESIDENT
557593.4841607	557593.48	4160708.78	HOTEL_52	RESIDENT
557593.4841607	557593.48	4160718.78	HOTEL_53	RESIDENT
557593.4841607	557593.48	4160728.78	HOTEL_54	RESIDENT
557603.4841606	557603.48	4160678.78	HOTEL_55	RESIDENT
557603.4841606	557603.48	4160688.78	HOTEL_56	RESIDENT
557603.4841606	557603.48	4160698.78	HOTEL_57	RESIDENT
557603.4841607	557603.48	4160708.78	HOTEL_58	RESIDENT
557603.4841607	557603.48	4160718.78	HOTEL_59	RESIDENT
557613.4841606	557613.48	4160678.78	HOTEL_60	RESIDENT
557613.4841606	557613.48	4160688.78	HOTEL_61	RESIDENT
557613.4841606	557613.48	4160698.78	HOTEL_62	RESIDENT
557613.4841607	557613.48	4160708.78	HOTEL_63	RESIDENT
557623.4841606	557623.48	4160688.78	HOTEL_64	RESIDENT
557623.4841606	557623.48	4160698.78	HOTEL_65	RESIDENT
557623.4841607	557623.48	4160708.78	HOTEL_66	RESIDENT
558477.6641605	558477.66	4160568.94	WRKR_512	WORKER
558477.6641605	558477.66	4160578.94	WRKR_513	WORKER

XY	X	Y	Group	Group2
558477.6641605	558477.66	4160588.94	WRKR_514	WORKER
558477.6641605	558477.66	4160598.94	WRKR_515	WORKER
558487.6641605	558487.66	4160568.94	WRKR_516	WORKER
558487.6641605	558487.66	4160578.94	WRKR_517	WORKER
558487.6641605	558487.66	4160588.94	WRKR_518	WORKER
558487.6641605	558487.66	4160598.94	WRKR_519	WORKER
558497.6641605	558497.66	4160568.94	WRKR_520	WORKER
558497.6641605	558497.66	4160578.94	WRKR_521	WORKER
558497.6641605	558497.66	4160588.94	WRKR_522	WORKER
558497.6641605	558497.66	4160598.94	WRKR_523	WORKER
558507.6641605	558507.66	4160568.94	WRKR_524	WORKER
558507.6641605	558507.66	4160578.94	WRKR_525	WORKER
558507.6641605	558507.66	4160588.94	WRKR_526	WORKER
558507.6641605	558507.66	4160598.94	WRKR_527	WORKER
558517.6641605	558517.66	4160568.94	WRKR_528	WORKER
558517.6641605	558517.66	4160578.94	WRKR_529	WORKER
558517.6641605	558517.66	4160588.94	WRKR_530	WORKER
558517.6641605	558517.66	4160598.94	WRKR_531	WORKER
558527.6641605	558527.66	4160568.94	WRKR_532	WORKER
558527.6641605	558527.66	4160578.94	WRKR_533	WORKER
558527.6641605	558527.66	4160588.94	WRKR_534	WORKER
558527.6641605	558527.66	4160598.94	WRKR_535	WORKER
558537.6641605	558537.66	4160568.94	WRKR_536	WORKER
558537.6641605	558537.66	4160578.94	WRKR_537	WORKER
558537.6641605	558537.66	4160588.94	WRKR_538	WORKER
558537.6641605	558537.66	4160598.94	WRKR_539	WORKER
558547.6641605	558547.66	4160568.94	WRKR_540	WORKER
558547.6641605	558547.66	4160578.94	WRKR_541	WORKER
558547.6641605	558547.66	4160588.94	WRKR_542	WORKER
558557.6641605	558557.66	4160568.94	WRKR_543	WORKER
558600.6441605	558600.64	4160569.24	WRKR_544	WORKER
558600.6441605	558600.64	4160579.24	WRKR_545	WORKER
558600.6441605	558600.64	4160589.24	WRKR_546	WORKER
558600.6441605	558600.64	4160599.24	WRKR_547	WORKER
558610.6441605	558610.64	4160569.24	WRKR_548	WORKER
558610.6441605	558610.64	4160579.24	WRKR_549	WORKER
558610.6441605	558610.64	4160589.24	WRKR_550	WORKER
558610.6441605	558610.64	4160599.24	WRKR_551	WORKER
558620.6441605	558620.64	4160569.24	WRKR_552	WORKER
558620.6441605	558620.64	4160579.24	WRKR_553	WORKER
558620.6441605	558620.64	4160589.24	WRKR_554	WORKER
558620.6441605	558620.64	4160599.24	WRKR_555	WORKER
558630.6441605	558630.64	4160569.24	WRKR_556	WORKER
558630.6441605	558630.64	4160579.24	WRKR_557	WORKER
558630.6441605	558630.64	4160589.24	WRKR_558	WORKER
558630.6441605	558630.64	4160599.24	WRKR_559	WORKER
558640.6441605	558640.64	4160569.24	WRKR_560	WORKER
558640.6441605	558640.64	4160579.24	WRKR_561	WORKER
558640.6441605	558640.64	4160589.24	WRKR_562	WORKER
558640.6441605	558640.64	4160599.24	WRKR_563	WORKER
558650.6441605	558650.64	4160569.24	WRKR_564	WORKER
558650.6441605	558650.64	4160579.24	WRKR_565	WORKER
558650.6441605	558650.64	4160589.24	WRKR_566	WORKER
558650.6441605	558650.64	4160599.24	WRKR_567	WORKER
558660.6441605	558660.64	4160569.24	WRKR_568	WORKER
558660.6441605	558660.64	4160579.24	WRKR_569	WORKER
558660.6441605	558660.64	4160589.24	WRKR_570	WORKER
558660.6441605	558660.64	4160599.24	WRKR_571	WORKER
558670.6441605	558670.64	4160569.24	WRKR_572	WORKER
558670.6441605	558670.64	4160579.24	WRKR_573	WORKER
558670.6441605	558670.64	4160589.24	WRKR_574	WORKER
558495.4416049	558495.4	4160499.48	WRKR_575	WORKER
558495.4416050	558495.4	4160509.48	WRKR_576	WORKER
558495.4416051	558495.4	4160519.48	WRKR_577	WORKER
558495.4416052	558495.4	4160529.48	WRKR_578	WORKER
558505.4416049	558505.4	4160499.48	WRKR_579	WORKER
558505.4416050	558505.4	4160509.48	WRKR_580	WORKER

XY	X	Y	Group	Group2
558505.4416051	558505.4	4160519.48	WRKR_581	WORKER
558505.4416052	558505.4	4160529.48	WRKR_582	WORKER
558515.4416049	558515.4	4160499.48	WRKR_583	WORKER
558515.4416050	558515.4	4160509.48	WRKR_584	WORKER
558515.4416051	558515.4	4160519.48	WRKR_585	WORKER
558515.4416052	558515.4	4160529.48	WRKR_586	WORKER
558525.4416049	558525.4	4160499.48	WRKR_587	WORKER
558525.4416050	558525.4	4160509.48	WRKR_588	WORKER
558525.4416051	558525.4	4160519.48	WRKR_589	WORKER
558525.4416052	558525.4	4160529.48	WRKR_590	WORKER
558535.4416049	558535.4	4160499.48	WRKR_591	WORKER
558535.4416050	558535.4	4160509.48	WRKR_592	WORKER
558535.4416051	558535.4	4160519.48	WRKR_593	WORKER
558535.4416052	558535.4	4160529.48	WRKR_594	WORKER
558545.4416049	558545.4	4160499.48	WRKR_595	WORKER
558545.4416050	558545.4	4160509.48	WRKR_596	WORKER
558545.4416051	558545.4	4160519.48	WRKR_597	WORKER
558545.4416052	558545.4	4160529.48	WRKR_598	WORKER
558555.4416049	558555.4	4160499.48	WRKR_599	WORKER
558555.4416050	558555.4	4160509.48	WRKR_600	WORKER
558555.4416051	558555.4	4160519.48	WRKR_601	WORKER
558555.4416052	558555.4	4160529.48	WRKR_602	WORKER
558565.4416049	558565.4	4160499.48	WRKR_603	WORKER
558565.4416050	558565.4	4160509.48	WRKR_604	WORKER
558565.4416051	558565.4	4160519.48	WRKR_605	WORKER
558565.4416052	558565.4	4160529.48	WRKR_606	WORKER
558618.9841604	558618.98	4160498.88	WRKR_607	WORKER
558618.9841605	558618.98	4160508.88	WRKR_608	WORKER
558618.9841605	558618.98	4160518.88	WRKR_609	WORKER
558618.9841605	558618.98	4160528.88	WRKR_610	WORKER
558628.9841604	558628.98	4160498.88	WRKR_611	WORKER
558628.9841605	558628.98	4160508.88	WRKR_612	WORKER
558628.9841605	558628.98	4160518.88	WRKR_613	WORKER
558628.9841605	558628.98	4160528.88	WRKR_614	WORKER
558638.9841604	558638.98	4160498.88	WRKR_615	WORKER
558638.9841605	558638.98	4160508.88	WRKR_616	WORKER
558638.9841605	558638.98	4160518.88	WRKR_617	WORKER
558638.9841605	558638.98	4160528.88	WRKR_618	WORKER
558648.9841604	558648.98	4160498.88	WRKR_619	WORKER
558648.9841605	558648.98	4160508.88	WRKR_620	WORKER
558648.9841605	558648.98	4160518.88	WRKR_621	WORKER
558648.9841605	558648.98	4160528.88	WRKR_622	WORKER
558658.9841604	558658.98	4160498.88	WRKR_623	WORKER
558658.9841605	558658.98	4160508.88	WRKR_624	WORKER
558658.9841605	558658.98	4160518.88	WRKR_625	WORKER
558658.9841605	558658.98	4160528.88	WRKR_626	WORKER
558668.9841604	558668.98	4160498.88	WRKR_627	WORKER
558668.9841605	558668.98	4160508.88	WRKR_628	WORKER
558668.9841605	558668.98	4160518.88	WRKR_629	WORKER
558668.9841605	558668.98	4160528.88	WRKR_630	WORKER
558678.9841604	558678.98	4160498.88	WRKR_631	WORKER
558678.9841605	558678.98	4160508.88	WRKR_632	WORKER
558678.9841605	558678.98	4160518.88	WRKR_633	WORKER
558678.9841605	558678.98	4160528.88	WRKR_634	WORKER
558688.9841604	558688.98	4160498.88	WRKR_635	WORKER
558688.9841605	558688.98	4160508.88	WRKR_636	WORKER
558688.9841605	558688.98	4160518.88	WRKR_637	WORKER
558444.4141603	558444.41	4160372.35	WRKR_638	WORKER
558454.4141603	558454.41	4160382.35	WRKR_639	WORKER
558454.4141603	558454.41	4160392.35	WRKR_640	WORKER
558454.4141604	558454.41	4160402.35	WRKR_641	WORKER
558464.4141603	558464.41	4160382.35	WRKR_642	WORKER
558464.4141603	558464.41	4160392.35	WRKR_643	WORKER
558464.4141604	558464.41	4160402.35	WRKR_644	WORKER
558474.4141603	558474.41	4160382.35	WRKR_645	WORKER
558474.4141603	558474.41	4160392.35	WRKR_646	WORKER
558474.4141604	558474.41	4160402.35	WRKR_647	WORKER

XY	X	Y	Group	Group2
558484.4141603	558484.41	4160382.35	WRKR_648	WORKER
558484.4141603	558484.41	4160392.35	WRKR_649	WORKER
558484.4141604	558484.41	4160402.35	WRKR_650	WORKER
558494.4141603	558494.41	4160382.35	WRKR_651	WORKER
558494.4141603	558494.41	4160392.35	WRKR_652	WORKER
558494.4141604	558494.41	4160402.35	WRKR_653	WORKER
558504.4141603	558504.41	4160382.35	WRKR_654	WORKER
558504.4141603	558504.41	4160392.35	WRKR_655	WORKER
558504.4141604	558504.41	4160402.35	WRKR_656	WORKER
558514.4141603	558514.41	4160382.35	WRKR_657	WORKER
558514.4141603	558514.41	4160392.35	WRKR_658	WORKER
558514.4141604	558514.41	4160402.35	WRKR_659	WORKER
558524.4141603	558524.41	4160392.35	WRKR_660	WORKER
558524.4141604	558524.41	4160402.35	WRKR_661	WORKER
558581.8241603	558581.82	4160392.36	WRKR_662	WORKER
558581.8241604	558581.82	4160402.36	WRKR_663	WORKER
558581.8241604	558581.82	4160412.36	WRKR_664	WORKER
558581.8241604	558581.82	4160422.36	WRKR_665	WORKER
558591.8241603	558591.82	4160392.36	WRKR_666	WORKER
558591.8241604	558591.82	4160402.36	WRKR_667	WORKER
558591.8241604	558591.82	4160412.36	WRKR_668	WORKER
558591.8241604	558591.82	4160422.36	WRKR_669	WORKER
558601.8241603	558601.82	4160382.36	WRKR_670	WORKER
558601.8241603	558601.82	4160392.36	WRKR_671	WORKER
558601.8241604	558601.82	4160402.36	WRKR_672	WORKER
558601.8241604	558601.82	4160412.36	WRKR_673	WORKER
558601.8241604	558601.82	4160422.36	WRKR_674	WORKER
558611.8241603	558611.82	4160382.36	WRKR_675	WORKER
558611.8241603	558611.82	4160392.36	WRKR_676	WORKER
558611.8241604	558611.82	4160402.36	WRKR_677	WORKER
558611.8241604	558611.82	4160412.36	WRKR_678	WORKER
558611.8241604	558611.82	4160422.36	WRKR_679	WORKER
558621.8241603	558621.82	4160382.36	WRKR_680	WORKER
558621.8241603	558621.82	4160392.36	WRKR_681	WORKER
558621.8241604	558621.82	4160402.36	WRKR_682	WORKER
558621.8241604	558621.82	4160412.36	WRKR_683	WORKER
558621.8241604	558621.82	4160422.36	WRKR_684	WORKER
558631.8241603	558631.82	4160382.36	WRKR_685	WORKER
558631.8241603	558631.82	4160392.36	WRKR_686	WORKER
558631.8241604	558631.82	4160402.36	WRKR_687	WORKER
558641.8241603	558641.82	4160382.36	WRKR_688	WORKER
558641.8241603	558641.82	4160392.36	WRKR_689	WORKER
558641.8241604	558641.82	4160402.36	WRKR_690	WORKER
558651.8241603	558651.82	4160382.36	WRKR_691	WORKER
558651.8241603	558651.82	4160392.36	WRKR_692	WORKER
558651.8241604	558651.82	4160402.36	WRKR_693	WORKER
558661.8241603	558661.82	4160382.36	WRKR_694	WORKER
558661.8241603	558661.82	4160392.36	WRKR_695	WORKER
558661.8241604	558661.82	4160402.36	WRKR_696	WORKER
558671.8241603	558671.82	4160362.36	WRKR_697	WORKER
558671.8241603	558671.82	4160372.36	WRKR_698	WORKER
558671.8241603	558671.82	4160382.36	WRKR_699	WORKER
558671.8241603	558671.82	4160392.36	WRKR_700	WORKER
558671.8241604	558671.82	4160402.36	WRKR_701	WORKER
558681.8241603	558681.82	4160362.36	WRKR_702	WORKER
558681.8241603	558681.82	4160372.36	WRKR_703	WORKER
558681.8241603	558681.82	4160382.36	WRKR_704	WORKER
558681.8241603	558681.82	4160392.36	WRKR_705	WORKER
558681.8241604	558681.82	4160402.36	WRKR_706	WORKER
558691.8241603	558691.82	4160362.36	WRKR_707	WORKER
558691.8241603	558691.82	4160372.36	WRKR_708	WORKER
558691.8241603	558691.82	4160382.36	WRKR_709	WORKER
558691.8241603	558691.82	4160392.36	WRKR_710	WORKER
558691.8241604	558691.82	4160402.36	WRKR_711	WORKER
558701.8241603	558701.82	4160362.36	WRKR_712	WORKER
558701.8241603	558701.82	4160372.36	WRKR_713	WORKER
558701.8241603	558701.82	4160382.36	WRKR_714	WORKER

XY	X	Y	Group	Group2
558701.8241603	558701.82	4160392.36	WRKR_715	WORKER
558701.8241604	558701.82	4160402.36	WRKR_716	WORKER
558711.8241603	558711.82	4160362.36	WRKR_717	WORKER
558711.8241603	558711.82	4160372.36	WRKR_718	WORKER
558711.8241603	558711.82	4160382.36	WRKR_719	WORKER
558711.8241603	558711.82	4160392.36	WRKR_720	WORKER
558711.8241604	558711.82	4160402.36	WRKR_721	WORKER
558721.8241603	558721.82	4160362.36	WRKR_722	WORKER
558721.8241603	558721.82	4160372.36	WRKR_723	WORKER
558721.8241603	558721.82	4160382.36	WRKR_724	WORKER
558721.8241603	558721.82	4160392.36	WRKR_725	WORKER
558721.8241604	558721.82	4160402.36	WRKR_726	WORKER
558690.0941602	558690.09	4160295.24	WRKR_727	WORKER
558690.0941603	558690.09	4160305.24	WRKR_728	WORKER
558690.0941603	558690.09	4160315.24	WRKR_729	WORKER
558690.0941603	558690.09	4160325.24	WRKR_730	WORKER
558690.0941603	558690.09	4160335.24	WRKR_731	WORKER
558700.0941602	558700.09	4160295.24	WRKR_732	WORKER
558700.0941603	558700.09	4160305.24	WRKR_733	WORKER
558700.0941603	558700.09	4160315.24	WRKR_734	WORKER
558700.0941603	558700.09	4160325.24	WRKR_735	WORKER
558700.0941603	558700.09	4160335.24	WRKR_736	WORKER
558710.0941602	558710.09	4160295.24	WRKR_737	WORKER
558710.0941603	558710.09	4160305.24	WRKR_738	WORKER
558710.0941603	558710.09	4160315.24	WRKR_739	WORKER
558710.0941603	558710.09	4160325.24	WRKR_740	WORKER
558710.0941603	558710.09	4160335.24	WRKR_741	WORKER
558720.0941602	558720.09	4160295.24	WRKR_742	WORKER
558720.0941603	558720.09	4160305.24	WRKR_743	WORKER
558720.0941603	558720.09	4160315.24	WRKR_744	WORKER
558720.0941603	558720.09	4160325.24	WRKR_745	WORKER
558612.6841602	558612.68	4160297.32	WRKR_746	WORKER
558612.6841603	558612.68	4160307.32	WRKR_747	WORKER
558612.6841603	558612.68	4160317.32	WRKR_748	WORKER
558612.6841603	558612.68	4160327.32	WRKR_749	WORKER
558612.6841603	558612.68	4160337.32	WRKR_750	WORKER
558622.6841602	558622.68	4160297.32	WRKR_751	WORKER
558622.6841603	558622.68	4160307.32	WRKR_752	WORKER
558622.6841603	558622.68	4160317.32	WRKR_753	WORKER
558622.6841603	558622.68	4160327.32	WRKR_754	WORKER
558622.6841603	558622.68	4160337.32	WRKR_755	WORKER
558632.6841602	558632.68	4160297.32	WRKR_756	WORKER
558632.6841603	558632.68	4160307.32	WRKR_757	WORKER
558632.6841603	558632.68	4160317.32	WRKR_758	WORKER
558632.6841603	558632.68	4160327.32	WRKR_759	WORKER
558632.6841603	558632.68	4160337.32	WRKR_760	WORKER
558642.6841602	558642.68	4160297.32	WRKR_761	WORKER
558642.6841603	558642.68	4160307.32	WRKR_762	WORKER
558642.6841603	558642.68	4160317.32	WRKR_763	WORKER
558642.6841603	558642.68	4160327.32	WRKR_764	WORKER
558642.6841603	558642.68	4160337.32	WRKR_765	WORKER
558652.6841602	558652.68	4160297.32	WRKR_766	WORKER
558652.6841603	558652.68	4160307.32	WRKR_767	WORKER
558652.6841603	558652.68	4160317.32	WRKR_768	WORKER
558652.6841603	558652.68	4160327.32	WRKR_769	WORKER
558652.6841603	558652.68	4160337.32	WRKR_770	WORKER
558662.6841602	558662.68	4160297.32	WRKR_771	WORKER
558662.6841603	558662.68	4160307.32	WRKR_772	WORKER
558662.6841603	558662.68	4160317.32	WRKR_773	WORKER
558662.6841603	558662.68	4160327.32	WRKR_774	WORKER
558662.6841603	558662.68	4160337.32	WRKR_775	WORKER
558672.6841602	558672.68	4160297.32	WRKR_776	WORKER
558672.6841603	558672.68	4160307.32	WRKR_777	WORKER
558672.6841603	558672.68	4160317.32	WRKR_778	WORKER
558672.6841603	558672.68	4160327.32	WRKR_779	WORKER
558672.6841603	558672.68	4160337.32	WRKR_780	WORKER
558543.5841602	558543.58	4160290.65	WRKR_781	WORKER

XY	X	Y	Group	Group2
558553.5841603(	558553.58	4160300.65	WRKR_782	WORKER
558553.5841603:	558553.58	4160310.65	WRKR_783	WORKER
558553.5841603;	558553.58	4160320.65	WRKR_784	WORKER
558553.5841603:	558553.58	4160330.65	WRKR_785	WORKER
558563.5841603(	558563.58	4160300.65	WRKR_786	WORKER
558563.5841603:	558563.58	4160310.65	WRKR_787	WORKER
558563.5841603;	558563.58	4160320.65	WRKR_788	WORKER
558563.5841603:	558563.58	4160330.65	WRKR_789	WORKER
558573.5841603(	558573.58	4160300.65	WRKR_790	WORKER
558573.5841603:	558573.58	4160310.65	WRKR_791	WORKER
558573.5841603;	558573.58	4160320.65	WRKR_792	WORKER
558573.5841603:	558573.58	4160330.65	WRKR_793	WORKER
558583.5841603(	558583.58	4160300.65	WRKR_794	WORKER
558583.5841603:	558583.58	4160310.65	WRKR_795	WORKER
558583.5841603;	558583.58	4160320.65	WRKR_796	WORKER
558583.5841603:	558583.58	4160330.65	WRKR_797	WORKER
558593.5841603:	558593.58	4160330.65	WRKR_798	WORKER
558455.3541603(	558455.35	4160303.56	WRKR_799	WORKER
558455.3541603:	558455.35	4160313.56	WRKR_800	WORKER
558455.3541603;	558455.35	4160323.56	WRKR_801	WORKER
558455.3541603:	558455.35	4160333.56	WRKR_802	WORKER
558455.3541603<	558455.35	4160343.56	WRKR_803	WORKER
558465.3541603(	558465.35	4160303.56	WRKR_804	WORKER
558465.3541603:	558465.35	4160313.56	WRKR_805	WORKER
558465.3541603;	558465.35	4160323.56	WRKR_806	WORKER
558465.3541603:	558465.35	4160333.56	WRKR_807	WORKER
558465.3541603<	558465.35	4160343.56	WRKR_808	WORKER
558475.3541603(	558475.35	4160303.56	WRKR_809	WORKER
558475.3541603:	558475.35	4160313.56	WRKR_810	WORKER
558475.3541603;	558475.35	4160323.56	WRKR_811	WORKER
558475.3541603:	558475.35	4160333.56	WRKR_812	WORKER
558475.3541603<	558475.35	4160343.56	WRKR_813	WORKER
558485.3541603(	558485.35	4160303.56	WRKR_814	WORKER
558485.3541603:	558485.35	4160313.56	WRKR_815	WORKER
558485.3541603;	558485.35	4160323.56	WRKR_816	WORKER
558485.3541603:	558485.35	4160333.56	WRKR_817	WORKER
558485.3541603<	558485.35	4160343.56	WRKR_818	WORKER
558495.3541603(	558495.35	4160303.56	WRKR_819	WORKER
558495.3541603:	558495.35	4160313.56	WRKR_820	WORKER
558495.3541603;	558495.35	4160323.56	WRKR_821	WORKER
558495.3541603:	558495.35	4160333.56	WRKR_822	WORKER
558495.3541603<	558495.35	4160343.56	WRKR_823	WORKER
558505.3541603(	558505.35	4160303.56	WRKR_824	WORKER
558505.3541603:	558505.35	4160313.56	WRKR_825	WORKER
558505.3541603;	558505.35	4160323.56	WRKR_826	WORKER
558505.3541603:	558505.35	4160333.56	WRKR_827	WORKER
558515.3541603(	558515.35	4160303.56	WRKR_828	WORKER
558515.3541603:	558515.35	4160313.56	WRKR_829	WORKER
558515.3541603;	558515.35	4160323.56	WRKR_830	WORKER
558515.3541603:	558515.35	4160333.56	WRKR_831	WORKER
558525.3541603(	558525.35	4160303.56	WRKR_832	WORKER
558525.3541603:	558525.35	4160313.56	WRKR_833	WORKER
558525.3541603;	558525.35	4160323.56	WRKR_834	WORKER
558525.3541603:	558525.35	4160333.56	WRKR_835	WORKER
558535.3541603(	558535.35	4160303.56	WRKR_836	WORKER
558535.3541603:	558535.35	4160313.56	WRKR_837	WORKER
558535.3541603;	558535.35	4160323.56	WRKR_838	WORKER
558535.3541603:	558535.35	4160333.56	WRKR_839	WORKER
558616.6741602;	558616.67	4160229.97	WRKR_840	WORKER
558616.6741602:	558616.67	4160239.97	WRKR_841	WORKER
558616.6741602<	558616.67	4160249.97	WRKR_842	WORKER
558626.6741602;	558626.67	4160229.97	WRKR_843	WORKER
558626.6741602:	558626.67	4160239.97	WRKR_844	WORKER
558626.6741602<	558626.67	4160249.97	WRKR_845	WORKER
558636.6741602;	558636.67	4160229.97	WRKR_846	WORKER
558636.6741602:	558636.67	4160239.97	WRKR_847	WORKER
558636.6741602<	558636.67	4160249.97	WRKR_848	WORKER

XY	X	Y	Group	Group2
558646.6741602	558646.67	4160229.97	WRKR_849	WORKER
558646.6741602	558646.67	4160239.97	WRKR_850	WORKER
558646.6741602	558646.67	4160249.97	WRKR_851	WORKER
558656.6741602	558656.67	4160229.97	WRKR_852	WORKER
558656.6741602	558656.67	4160239.97	WRKR_853	WORKER
558666.6741602	558666.67	4160229.97	WRKR_854	WORKER
558666.6741602	558666.67	4160239.97	WRKR_855	WORKER
558676.6741602	558676.67	4160229.97	WRKR_856	WORKER
558676.6741602	558676.67	4160239.97	WRKR_857	WORKER
558686.6741602	558686.67	4160229.97	WRKR_858	WORKER
558686.6741602	558686.67	4160239.97	WRKR_859	WORKER
558696.6741602	558696.67	4160229.97	WRKR_860	WORKER
558696.6741602	558696.67	4160239.97	WRKR_861	WORKER
558706.6741602	558706.67	4160229.97	WRKR_862	WORKER
558706.6741602	558706.67	4160239.97	WRKR_863	WORKER
558716.6741602	558716.67	4160229.97	WRKR_864	WORKER
558716.6741602	558716.67	4160239.97	WRKR_865	WORKER
558420.2141602	558420.21	4160235.8	WRKR_866	WORKER
558420.2141602	558420.21	4160245.8	WRKR_867	WORKER
558420.2141602	558420.21	4160255.8	WRKR_868	WORKER
558430.2141602	558430.21	4160235.8	WRKR_869	WORKER
558430.2141602	558430.21	4160245.8	WRKR_870	WORKER
558430.2141602	558430.21	4160255.8	WRKR_871	WORKER
558440.2141602	558440.21	4160235.8	WRKR_872	WORKER
558440.2141602	558440.21	4160245.8	WRKR_873	WORKER
558440.2141602	558440.21	4160255.8	WRKR_874	WORKER
558450.2141602	558450.21	4160235.8	WRKR_875	WORKER
558450.2141602	558450.21	4160245.8	WRKR_876	WORKER
558450.2141602	558450.21	4160255.8	WRKR_877	WORKER
558460.2141602	558460.21	4160235.8	WRKR_878	WORKER
558460.2141602	558460.21	4160245.8	WRKR_879	WORKER
558460.2141602	558460.21	4160255.8	WRKR_880	WORKER
558470.2141602	558470.21	4160235.8	WRKR_881	WORKER
558470.2141602	558470.21	4160245.8	WRKR_882	WORKER
558470.2141602	558470.21	4160255.8	WRKR_883	WORKER
558480.2141602	558480.21	4160235.8	WRKR_884	WORKER
558480.2141602	558480.21	4160245.8	WRKR_885	WORKER
558480.2141602	558480.21	4160255.8	WRKR_886	WORKER
558490.2141602	558490.21	4160235.8	WRKR_887	WORKER
558490.2141602	558490.21	4160245.8	WRKR_888	WORKER
558490.2141602	558490.21	4160255.8	WRKR_889	WORKER
558500.2141602	558500.21	4160235.8	WRKR_890	WORKER
558500.2141602	558500.21	4160245.8	WRKR_891	WORKER
558500.2141602	558500.21	4160255.8	WRKR_892	WORKER
558510.2141602	558510.21	4160235.8	WRKR_893	WORKER
558510.2141602	558510.21	4160245.8	WRKR_894	WORKER
558510.2141602	558510.21	4160255.8	WRKR_895	WORKER
558520.2141602	558520.21	4160235.8	WRKR_896	WORKER
558520.2141602	558520.21	4160245.8	WRKR_897	WORKER
558520.2141602	558520.21	4160255.8	WRKR_898	WORKER
558530.2141602	558530.21	4160235.8	WRKR_899	WORKER
558530.2141602	558530.21	4160245.8	WRKR_900	WORKER
558530.2141602	558530.21	4160255.8	WRKR_901	WORKER
558540.2141602	558540.21	4160235.8	WRKR_902	WORKER
558540.2141602	558540.21	4160245.8	WRKR_903	WORKER
558540.2141602	558540.21	4160255.8	WRKR_904	WORKER
558550.2141602	558550.21	4160235.8	WRKR_905	WORKER
558550.2141602	558550.21	4160245.8	WRKR_906	WORKER
558550.2141602	558550.21	4160255.8	WRKR_907	WORKER
558560.2141602	558560.21	4160235.8	WRKR_908	WORKER
558560.2141602	558560.21	4160245.8	WRKR_909	WORKER
558560.2141602	558560.21	4160255.8	WRKR_910	WORKER
558570.2141602	558570.21	4160235.8	WRKR_911	WORKER
558570.2141602	558570.21	4160245.8	WRKR_912	WORKER
558570.2141602	558570.21	4160255.8	WRKR_913	WORKER
558580.2141602	558580.21	4160235.8	WRKR_914	WORKER
558580.2141602	558580.21	4160245.8	WRKR_915	WORKER

XY	X	Y	Group	Group2
558590.2141602	558590.21	4160235.8	WRKR_916	WORKER
558590.2141602	558590.21	4160245.8	WRKR_917	WORKER
558600.2141602	558600.21	4160245.8	WRKR_918	WORKER

XY	X	Y	Group	Group2
557976.0941604	557976.09	4160490.12	HLTN_1	RESIDENT
557976.0941605	557976.09	4160500.12	HLTN_2	RESIDENT
557976.0941605	557976.09	4160510.12	HLTN_3	RESIDENT
557976.0941605	557976.09	4160520.12	HLTN_4	RESIDENT
557976.0941605	557976.09	4160530.12	HLTN_5	RESIDENT
557986.0941604	557986.09	4160480.12	HLTN_6	RESIDENT
557986.0941604	557986.09	4160490.12	HLTN_7	RESIDENT
557986.0941605	557986.09	4160500.12	HLTN_8	RESIDENT
557986.0941605	557986.09	4160510.12	HLTN_9	RESIDENT
557986.0941605	557986.09	4160520.12	HLTN_10	RESIDENT
557986.0941605	557986.09	4160530.12	HLTN_11	RESIDENT
557996.0941604	557996.09	4160480.12	HLTN_12	RESIDENT
557996.0941604	557996.09	4160490.12	HLTN_13	RESIDENT
557996.0941605	557996.09	4160500.12	HLTN_14	RESIDENT
557996.0941605	557996.09	4160510.12	HLTN_15	RESIDENT
557996.0941605	557996.09	4160520.12	HLTN_16	RESIDENT
557996.0941605	557996.09	4160530.12	HLTN_17	RESIDENT
557996.0941605	557996.09	4160540.12	HLTN_18	RESIDENT
557996.0941605	557996.09	4160550.12	HLTN_19	RESIDENT
557996.0941605	557996.09	4160560.12	HLTN_20	RESIDENT
557996.0941605	557996.09	4160570.12	HLTN_21	RESIDENT
558006.0941604	558006.09	4160480.12	HLTN_22	RESIDENT
558006.0941604	558006.09	4160490.12	HLTN_23	RESIDENT
558006.0941605	558006.09	4160500.12	HLTN_24	RESIDENT
558006.0941605	558006.09	4160510.12	HLTN_25	RESIDENT
558006.0941605	558006.09	4160520.12	HLTN_26	RESIDENT
558006.0941605	558006.09	4160530.12	HLTN_27	RESIDENT
558006.0941605	558006.09	4160540.12	HLTN_28	RESIDENT
558006.0941605	558006.09	4160550.12	HLTN_29	RESIDENT
558006.0941605	558006.09	4160560.12	HLTN_30	RESIDENT
558006.0941605	558006.09	4160570.12	HLTN_31	RESIDENT
558016.0941604	558016.09	4160480.12	HLTN_32	RESIDENT
558016.0941604	558016.09	4160490.12	HLTN_33	RESIDENT
558016.0941605	558016.09	4160500.12	HLTN_34	RESIDENT
558016.0941605	558016.09	4160510.12	HLTN_35	RESIDENT
558016.0941605	558016.09	4160520.12	HLTN_36	RESIDENT
558016.0941605	558016.09	4160530.12	HLTN_37	RESIDENT
558016.0941605	558016.09	4160540.12	HLTN_38	RESIDENT
558016.0941605	558016.09	4160550.12	HLTN_39	RESIDENT
558016.0941605	558016.09	4160560.12	HLTN_40	RESIDENT
558016.0941605	558016.09	4160570.12	HLTN_41	RESIDENT
558026.0941604	558026.09	4160480.12	HLTN_42	RESIDENT
558026.0941604	558026.09	4160490.12	HLTN_43	RESIDENT
558026.0941605	558026.09	4160500.12	HLTN_44	RESIDENT
558026.0941605	558026.09	4160510.12	HLTN_45	RESIDENT
558026.0941605	558026.09	4160520.12	HLTN_46	RESIDENT

558026.0941605	558026.09	4160530.12	HLTN_47	RESIDENT
558026.0941605	558026.09	4160540.12	HLTN_48	RESIDENT
558026.0941605	558026.09	4160550.12	HLTN_49	RESIDENT
558026.0941605	558026.09	4160560.12	HLTN_50	RESIDENT
558026.0941605	558026.09	4160570.12	HLTN_51	RESIDENT
558036.0941604	558036.09	4160480.12	HLTN_52	RESIDENT
558036.0941604	558036.09	4160490.12	HLTN_53	RESIDENT
558036.0941605	558036.09	4160500.12	HLTN_54	RESIDENT
558036.0941605	558036.09	4160510.12	HLTN_55	RESIDENT
558036.0941605	558036.09	4160520.12	HLTN_56	RESIDENT
558036.0941605	558036.09	4160530.12	HLTN_57	RESIDENT
558036.0941605	558036.09	4160540.12	HLTN_58	RESIDENT
558036.0941605	558036.09	4160550.12	HLTN_59	RESIDENT
558036.0941605	558036.09	4160560.12	HLTN_60	RESIDENT
558046.0941604	558046.09	4160480.12	HLTN_61	RESIDENT
558046.0941604	558046.09	4160490.12	HLTN_62	RESIDENT
558046.0941605	558046.09	4160500.12	HLTN_63	RESIDENT
558046.0941605	558046.09	4160510.12	HLTN_64	RESIDENT
558046.0941605	558046.09	4160520.12	HLTN_65	RESIDENT
558046.0941605	558046.09	4160530.12	HLTN_66	RESIDENT
558046.0941605	558046.09	4160540.12	HLTN_67	RESIDENT
558046.0941605	558046.09	4160550.12	HLTN_68	RESIDENT
558056.0941604	558056.09	4160480.12	HLTN_69	RESIDENT
558056.0941604	558056.09	4160490.12	HLTN_70	RESIDENT
558056.0941605	558056.09	4160500.12	HLTN_71	RESIDENT
558056.0941605	558056.09	4160510.12	HLTN_72	RESIDENT
558056.0941605	558056.09	4160520.12	HLTN_73	RESIDENT
558056.0941605	558056.09	4160530.12	HLTN_74	RESIDENT
558056.0941605	558056.09	4160540.12	HLTN_75	RESIDENT
558066.0941604	558066.09	4160480.12	HLTN_76	RESIDENT
558066.0941604	558066.09	4160490.12	HLTN_77	RESIDENT
558066.0941605	558066.09	4160500.12	HLTN_78	RESIDENT
558066.0941605	558066.09	4160510.12	HLTN_79	RESIDENT
558066.0941605	558066.09	4160520.12	HLTN_80	RESIDENT
558066.0941605	558066.09	4160530.12	HLTN_81	RESIDENT
558076.0941604	558076.09	4160480.12	HLTN_82	RESIDENT
558076.0941604	558076.09	4160490.12	HLTN_83	RESIDENT
558076.0941605	558076.09	4160500.12	HLTN_84	RESIDENT
558076.0941605	558076.09	4160510.12	HLTN_85	RESIDENT
558076.0941605	558076.09	4160520.12	HLTN_86	RESIDENT
558086.0941604	558086.09	4160490.12	HLTN_87	RESIDENT
558086.0941605	558086.09	4160500.12	HLTN_88	RESIDENT
558086.0941605	558086.09	4160510.12	HLTN_89	RESIDENT
558096.0941604	558096.09	4160490.12	HLTN_90	RESIDENT
558096.0941605	558096.09	4160500.12	HLTN_91	RESIDENT
557513.4841606	557513.48	4160678.78	HOTEL_1	RESIDENT
557513.4841606	557513.48	4160688.78	HOTEL_2	RESIDENT

557513.4841606	557513.48	4160698.78	HOTEL_3	RESIDENT
557513.4841607	557513.48	4160708.78	HOTEL_4	RESIDENT
557513.4841607	557513.48	4160718.78	HOTEL_5	RESIDENT
557513.4841607	557513.48	4160728.78	HOTEL_6	RESIDENT
557523.4841606	557523.48	4160678.78	HOTEL_7	RESIDENT
557523.4841606	557523.48	4160688.78	HOTEL_8	RESIDENT
557523.4841606	557523.48	4160698.78	HOTEL_9	RESIDENT
557523.4841607	557523.48	4160708.78	HOTEL_10	RESIDENT
557523.4841607	557523.48	4160718.78	HOTEL_11	RESIDENT
557523.4841607	557523.48	4160728.78	HOTEL_12	RESIDENT
557533.4841606	557533.48	4160678.78	HOTEL_13	RESIDENT
557533.4841606	557533.48	4160688.78	HOTEL_14	RESIDENT
557533.4841606	557533.48	4160698.78	HOTEL_15	RESIDENT
557533.4841607	557533.48	4160708.78	HOTEL_16	RESIDENT
557533.4841607	557533.48	4160718.78	HOTEL_17	RESIDENT
557533.4841607	557533.48	4160728.78	HOTEL_18	RESIDENT
557543.4841606	557543.48	4160678.78	HOTEL_19	RESIDENT
557543.4841606	557543.48	4160688.78	HOTEL_20	RESIDENT
557543.4841606	557543.48	4160698.78	HOTEL_21	RESIDENT
557543.4841607	557543.48	4160708.78	HOTEL_22	RESIDENT
557543.4841607	557543.48	4160718.78	HOTEL_23	RESIDENT
557543.4841607	557543.48	4160728.78	HOTEL_24	RESIDENT
557553.4841606	557553.48	4160678.78	HOTEL_25	RESIDENT
557553.4841606	557553.48	4160688.78	HOTEL_26	RESIDENT
557553.4841606	557553.48	4160698.78	HOTEL_27	RESIDENT
557553.4841607	557553.48	4160708.78	HOTEL_28	RESIDENT
557553.4841607	557553.48	4160718.78	HOTEL_29	RESIDENT
557553.4841607	557553.48	4160728.78	HOTEL_30	RESIDENT
557563.4841606	557563.48	4160678.78	HOTEL_31	RESIDENT
557563.4841606	557563.48	4160688.78	HOTEL_32	RESIDENT
557563.4841606	557563.48	4160698.78	HOTEL_33	RESIDENT
557563.4841607	557563.48	4160708.78	HOTEL_34	RESIDENT
557563.4841607	557563.48	4160718.78	HOTEL_35	RESIDENT
557563.4841607	557563.48	4160728.78	HOTEL_36	RESIDENT
557573.4841606	557573.48	4160678.78	HOTEL_37	RESIDENT
557573.4841606	557573.48	4160688.78	HOTEL_38	RESIDENT
557573.4841606	557573.48	4160698.78	HOTEL_39	RESIDENT
557573.4841607	557573.48	4160708.78	HOTEL_40	RESIDENT
557573.4841607	557573.48	4160718.78	HOTEL_41	RESIDENT
557573.4841607	557573.48	4160728.78	HOTEL_42	RESIDENT
557583.4841606	557583.48	4160678.78	HOTEL_43	RESIDENT
557583.4841606	557583.48	4160688.78	HOTEL_44	RESIDENT
557583.4841606	557583.48	4160698.78	HOTEL_45	RESIDENT
557583.4841607	557583.48	4160708.78	HOTEL_46	RESIDENT
557583.4841607	557583.48	4160718.78	HOTEL_47	RESIDENT
557583.4841607	557583.48	4160728.78	HOTEL_48	RESIDENT
557593.4841606	557593.48	4160678.78	HOTEL_49	RESIDENT

557593.4841606	557593.48	4160688.78	HOTEL_50	RESIDENT
557593.4841606	557593.48	4160698.78	HOTEL_51	RESIDENT
557593.4841607	557593.48	4160708.78	HOTEL_52	RESIDENT
557593.4841607	557593.48	4160718.78	HOTEL_53	RESIDENT
557593.4841607	557593.48	4160728.78	HOTEL_54	RESIDENT
557603.4841606	557603.48	4160678.78	HOTEL_55	RESIDENT
557603.4841606	557603.48	4160688.78	HOTEL_56	RESIDENT
557603.4841606	557603.48	4160698.78	HOTEL_57	RESIDENT
557603.4841607	557603.48	4160708.78	HOTEL_58	RESIDENT
557603.4841607	557603.48	4160718.78	HOTEL_59	RESIDENT
557613.4841606	557613.48	4160678.78	HOTEL_60	RESIDENT
557613.4841606	557613.48	4160688.78	HOTEL_61	RESIDENT
557613.4841606	557613.48	4160698.78	HOTEL_62	RESIDENT
557613.4841607	557613.48	4160708.78	HOTEL_63	RESIDENT
557623.4841606	557623.48	4160688.78	HOTEL_64	RESIDENT
557623.4841606	557623.48	4160698.78	HOTEL_65	RESIDENT
557623.4841607	557623.48	4160708.78	HOTEL_66	RESIDENT

XY	X	Y	Group	Group2
557996.3841607	557996.38	4160720.52	WRKR_1	WORKER
557996.3841607	557996.38	4160730.52	WRKR_2	WORKER
557996.3841607	557996.38	4160740.52	WRKR_3	WORKER
558006.3841607	558006.38	4160710.52	WRKR_4	WORKER
558006.3841607	558006.38	4160720.52	WRKR_5	WORKER
558006.3841607	558006.38	4160730.52	WRKR_6	WORKER
558006.3841607	558006.38	4160740.52	WRKR_7	WORKER
558016.3841607	558016.38	4160710.52	WRKR_8	WORKER
558016.3841607	558016.38	4160720.52	WRKR_9	WORKER
558016.3841607	558016.38	4160730.52	WRKR_10	WORKER
558016.3841607	558016.38	4160740.52	WRKR_11	WORKER
558026.3841607	558026.38	4160710.52	WRKR_12	WORKER
558026.3841607	558026.38	4160720.52	WRKR_13	WORKER
558026.3841607	558026.38	4160730.52	WRKR_14	WORKER
558026.3841607	558026.38	4160740.52	WRKR_15	WORKER
558277.5341605	558277.53	4160581.24	WRKR_16	WORKER
558277.5341605	558277.53	4160591.24	WRKR_17	WORKER
558287.5341605	558287.53	4160581.24	WRKR_18	WORKER
558287.5341605	558287.53	4160591.24	WRKR_19	WORKER
558297.5341605	558297.53	4160581.24	WRKR_20	WORKER
558297.5341605	558297.53	4160591.24	WRKR_21	WORKER
558307.5341605	558307.53	4160581.24	WRKR_22	WORKER
558307.5341605	558307.53	4160591.24	WRKR_23	WORKER
558317.5341605	558317.53	4160581.24	WRKR_24	WORKER
558317.5341605	558317.53	4160591.24	WRKR_25	WORKER
558327.5341605	558327.53	4160581.24	WRKR_26	WORKER
558327.5341605	558327.53	4160591.24	WRKR_27	WORKER
558337.5341605	558337.53	4160581.24	WRKR_28	WORKER
558101.0541605	558101.05	4160547.13	WRKR_29	WORKER
558101.0541605	558101.05	4160557.13	WRKR_30	WORKER
558111.0541605	558111.05	4160547.13	WRKR_31	WORKER
558111.0541605	558111.05	4160557.13	WRKR_32	WORKER
558111.0541605	558111.05	4160567.13	WRKR_33	WORKER
558121.0541605	558121.05	4160537.13	WRKR_34	WORKER
558121.0541605	558121.05	4160547.13	WRKR_35	WORKER
558121.0541605	558121.05	4160557.13	WRKR_36	WORKER
558121.0541605	558121.05	4160567.13	WRKR_37	WORKER
558121.0541605	558121.05	4160577.13	WRKR_38	WORKER
558121.0541605	558121.05	4160587.13	WRKR_39	WORKER
558131.0541605	558131.05	4160527.13	WRKR_40	WORKER
558131.0541605	558131.05	4160537.13	WRKR_41	WORKER
558131.0541605	558131.05	4160547.13	WRKR_42	WORKER
558131.0541605	558131.05	4160557.13	WRKR_43	WORKER
558131.0541605	558131.05	4160567.13	WRKR_44	WORKER
558131.0541605	558131.05	4160577.13	WRKR_45	WORKER
558131.0541605	558131.05	4160587.13	WRKR_46	WORKER

558131.0541605	558131.05	4160597.13	WRKR_47	WORKER
558141.0541605	558141.05	4160527.13	WRKR_48	WORKER
558141.0541605	558141.05	4160537.13	WRKR_49	WORKER
558141.0541605	558141.05	4160547.13	WRKR_50	WORKER
558141.0541605	558141.05	4160557.13	WRKR_51	WORKER
558141.0541605	558141.05	4160567.13	WRKR_52	WORKER
558141.0541605	558141.05	4160577.13	WRKR_53	WORKER
558141.0541605	558141.05	4160587.13	WRKR_54	WORKER
558141.0541605	558141.05	4160597.13	WRKR_55	WORKER
558141.0541606	558141.05	4160607.13	WRKR_56	WORKER
558151.0541605	558151.05	4160537.13	WRKR_57	WORKER
558151.0541605	558151.05	4160547.13	WRKR_58	WORKER
558151.0541605	558151.05	4160557.13	WRKR_59	WORKER
558151.0541605	558151.05	4160567.13	WRKR_60	WORKER
558151.0541605	558151.05	4160577.13	WRKR_61	WORKER
558151.0541605	558151.05	4160587.13	WRKR_62	WORKER
558151.0541605	558151.05	4160597.13	WRKR_63	WORKER
558151.0541606	558151.05	4160607.13	WRKR_64	WORKER
558151.0541606	558151.05	4160617.13	WRKR_65	WORKER
558161.0541605	558161.05	4160547.13	WRKR_66	WORKER
558161.0541605	558161.05	4160557.13	WRKR_67	WORKER
558161.0541605	558161.05	4160567.13	WRKR_68	WORKER
558161.0541605	558161.05	4160577.13	WRKR_69	WORKER
558161.0541605	558161.05	4160587.13	WRKR_70	WORKER
558161.0541605	558161.05	4160597.13	WRKR_71	WORKER
558161.0541606	558161.05	4160607.13	WRKR_72	WORKER
558171.0541605	558171.05	4160557.13	WRKR_73	WORKER
558171.0541605	558171.05	4160567.13	WRKR_74	WORKER
558171.0541605	558171.05	4160577.13	WRKR_75	WORKER
558171.0541605	558171.05	4160587.13	WRKR_76	WORKER
558171.0541605	558171.05	4160597.13	WRKR_77	WORKER
558181.0541605	558181.05	4160567.13	WRKR_78	WORKER
558181.0541605	558181.05	4160577.13	WRKR_79	WORKER
558181.0541605	558181.05	4160587.13	WRKR_80	WORKER
558191.0541605	558191.05	4160577.13	WRKR_81	WORKER
558368.5441605	558368.54	4160582.33	WRKR_82	WORKER
558378.5441605	558378.54	4160582.33	WRKR_83	WORKER
558378.5441605	558378.54	4160592.33	WRKR_84	WORKER
558378.5441606	558378.54	4160602.33	WRKR_85	WORKER
558378.5441606	558378.54	4160612.33	WRKR_86	WORKER
558388.5441605	558388.54	4160582.33	WRKR_87	WORKER
558388.5441605	558388.54	4160592.33	WRKR_88	WORKER
558388.5441606	558388.54	4160602.33	WRKR_89	WORKER
558388.5441606	558388.54	4160612.33	WRKR_90	WORKER
558398.5441605	558398.54	4160582.33	WRKR_91	WORKER
558398.5441605	558398.54	4160592.33	WRKR_92	WORKER
558398.5441606	558398.54	4160602.33	WRKR_93	WORKER

558398.5441606	558398.54	4160612.33	WRKR_94	WORKER
558186.7841604	558186.78	4160496.28	WRKR_95	WORKER
558186.7841605	558186.78	4160506.28	WRKR_96	WORKER
558196.7841604	558196.78	4160496.28	WRKR_97	WORKER
558196.7841605	558196.78	4160506.28	WRKR_98	WORKER
558196.7841605	558196.78	4160516.28	WRKR_99	WORKER
558196.7841605	558196.78	4160526.28	WRKR_100	WORKER
558206.7841605	558206.78	4160506.28	WRKR_101	WORKER
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558206.7841605	558206.78	4160526.28	WRKR_103	WORKER
558206.7841605	558206.78	4160536.28	WRKR_104	WORKER
558216.7841605	558216.78	4160516.28	WRKR_105	WORKER
558216.7841605	558216.78	4160526.28	WRKR_106	WORKER
558216.7841605	558216.78	4160536.28	WRKR_107	WORKER
558216.7841605	558216.78	4160546.28	WRKR_108	WORKER
558226.7841605	558226.78	4160526.28	WRKR_109	WORKER
558226.7841605	558226.78	4160536.28	WRKR_110	WORKER
558226.7841605	558226.78	4160546.28	WRKR_111	WORKER
558236.7841605	558236.78	4160536.28	WRKR_112	WORKER
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558115.1741604	558115.17	4160432.59	WRKR_116	WORKER
558115.1741604	558115.17	4160442.59	WRKR_117	WORKER
558125.1741603	558125.17	4160392.59	WRKR_118	WORKER
558125.1741604	558125.17	4160402.59	WRKR_119	WORKER
558125.1741604	558125.17	4160412.59	WRKR_120	WORKER
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558125.1741604	558125.17	4160442.59	WRKR_123	WORKER
558135.1741603	558135.17	4160372.59	WRKR_124	WORKER
558135.1741603	558135.17	4160382.59	WRKR_125	WORKER
558135.1741603	558135.17	4160392.59	WRKR_126	WORKER
558135.1741604	558135.17	4160402.59	WRKR_127	WORKER
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558135.1741604	558135.17	4160422.59	WRKR_129	WORKER
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558145.1741603	558145.17	4160372.59	WRKR_132	WORKER
558145.1741603	558145.17	4160382.59	WRKR_133	WORKER
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558145.1741604	558145.17	4160402.59	WRKR_135	WORKER
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558165.1741603	558165.17	4160372.59	WRKR_149	WORKER
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558205.1741603	558205.17	4160392.59	WRKR_185	WORKER
558205.1741604	558205.17	4160402.59	WRKR_186	WORKER
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558225.1741603	558225.17	4160372.59	WRKR_206	WORKER
558225.1741603	558225.17	4160382.59	WRKR_207	WORKER
558225.1741603	558225.17	4160392.59	WRKR_208	WORKER
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558225.1741604	558225.17	4160472.59	WRKR_216	WORKER
558225.1741604	558225.17	4160482.59	WRKR_217	WORKER
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558235.1741603	558235.17	4160372.59	WRKR_219	WORKER
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558245.1741603	558245.17	4160372.59	WRKR_233	WORKER
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558245.1741604	558245.17	4160482.59	WRKR_244	WORKER
558245.1741604	558245.17	4160492.59	WRKR_245	WORKER
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558255.1741604	558255.17	4160482.59	WRKR_259	WORKER
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558285.1741603	558285.17	4160382.59	WRKR_300	WORKER
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558295.1741604	558295.17	4160472.59	WRKR_327	WORKER
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558305.1741603	558305.17	4160372.59	WRKR_335	WORKER
558305.1741603	558305.17	4160382.59	WRKR_336	WORKER
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558305.1741604	558305.17	4160472.59	WRKR_345	WORKER
558305.1741604	558305.17	4160482.59	WRKR_346	WORKER
558305.1741604	558305.17	4160492.59	WRKR_347	WORKER
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558315.1741604	558315.17	4160462.59	WRKR_362	WORKER
558315.1741604	558315.17	4160472.59	WRKR_363	WORKER
558315.1741604	558315.17	4160482.59	WRKR_364	WORKER
558315.1741604	558315.17	4160492.59	WRKR_365	WORKER
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558315.1741605	558315.17	4160532.59	WRKR_369	WORKER
558325.1741603	558325.17	4160362.59	WRKR_370	WORKER
558325.1741603	558325.17	4160372.59	WRKR_371	WORKER
558325.1741603	558325.17	4160382.59	WRKR_372	WORKER
558325.1741603	558325.17	4160392.59	WRKR_373	WORKER
558325.1741604	558325.17	4160402.59	WRKR_374	WORKER
558325.1741604	558325.17	4160412.59	WRKR_375	WORKER

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558325.1741604	558325.17	4160452.59	WRKR_379	WORKER
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558325.1741604	558325.17	4160472.59	WRKR_381	WORKER
558325.1741604	558325.17	4160482.59	WRKR_382	WORKER
558325.1741604	558325.17	4160492.59	WRKR_383	WORKER
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558325.1741605	558325.17	4160512.59	WRKR_385	WORKER
558325.1741605	558325.17	4160522.59	WRKR_386	WORKER
558325.1741605	558325.17	4160532.59	WRKR_387	WORKER
558335.1741603	558335.17	4160362.59	WRKR_388	WORKER
558335.1741603	558335.17	4160372.59	WRKR_389	WORKER
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558335.1741603	558335.17	4160392.59	WRKR_391	WORKER
558335.1741604	558335.17	4160402.59	WRKR_392	WORKER
558335.1741604	558335.17	4160412.59	WRKR_393	WORKER
558335.1741604	558335.17	4160422.59	WRKR_394	WORKER
558335.1741604	558335.17	4160432.59	WRKR_395	WORKER
558335.1741604	558335.17	4160442.59	WRKR_396	WORKER
558335.1741604	558335.17	4160452.59	WRKR_397	WORKER
558335.1741604	558335.17	4160462.59	WRKR_398	WORKER
558335.1741604	558335.17	4160472.59	WRKR_399	WORKER
558335.1741604	558335.17	4160482.59	WRKR_400	WORKER
558335.1741604	558335.17	4160492.59	WRKR_401	WORKER
558335.1741605	558335.17	4160502.59	WRKR_402	WORKER
558335.1741605	558335.17	4160512.59	WRKR_403	WORKER
558335.1741605	558335.17	4160522.59	WRKR_404	WORKER
558335.1741605	558335.17	4160532.59	WRKR_405	WORKER
558345.1741603	558345.17	4160362.59	WRKR_406	WORKER
558345.1741603	558345.17	4160372.59	WRKR_407	WORKER
558345.1741603	558345.17	4160382.59	WRKR_408	WORKER
558345.1741603	558345.17	4160392.59	WRKR_409	WORKER
558345.1741604	558345.17	4160402.59	WRKR_410	WORKER
558345.1741604	558345.17	4160412.59	WRKR_411	WORKER
558345.1741604	558345.17	4160422.59	WRKR_412	WORKER
558345.1741604	558345.17	4160432.59	WRKR_413	WORKER
558345.1741604	558345.17	4160442.59	WRKR_414	WORKER
558345.1741604	558345.17	4160452.59	WRKR_415	WORKER
558345.1741604	558345.17	4160462.59	WRKR_416	WORKER
558345.1741604	558345.17	4160472.59	WRKR_417	WORKER
558345.1741604	558345.17	4160482.59	WRKR_418	WORKER
558345.1741604	558345.17	4160492.59	WRKR_419	WORKER
558345.1741605	558345.17	4160502.59	WRKR_420	WORKER
558345.1741605	558345.17	4160512.59	WRKR_421	WORKER
558345.1741605	558345.17	4160522.59	WRKR_422	WORKER

558345.1741605	558345.17	4160532.59	WRKR_423	WORKER
558355.1741603	558355.17	4160362.59	WRKR_424	WORKER
558355.1741603	558355.17	4160372.59	WRKR_425	WORKER
558355.1741603	558355.17	4160382.59	WRKR_426	WORKER
558355.1741603	558355.17	4160392.59	WRKR_427	WORKER
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558355.1741604	558355.17	4160422.59	WRKR_430	WORKER
558355.1741604	558355.17	4160432.59	WRKR_431	WORKER
558355.1741604	558355.17	4160442.59	WRKR_432	WORKER
558355.1741604	558355.17	4160452.59	WRKR_433	WORKER
558355.1741604	558355.17	4160462.59	WRKR_434	WORKER
558355.1741604	558355.17	4160472.59	WRKR_435	WORKER
558355.1741604	558355.17	4160482.59	WRKR_436	WORKER
558355.1741604	558355.17	4160492.59	WRKR_437	WORKER
558355.1741605	558355.17	4160502.59	WRKR_438	WORKER
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558355.1741605	558355.17	4160522.59	WRKR_440	WORKER
558355.1741605	558355.17	4160532.59	WRKR_441	WORKER
558365.1741603	558365.17	4160362.59	WRKR_442	WORKER
558365.1741603	558365.17	4160372.59	WRKR_443	WORKER
558365.1741603	558365.17	4160382.59	WRKR_444	WORKER
558365.1741603	558365.17	4160392.59	WRKR_445	WORKER
558365.1741604	558365.17	4160402.59	WRKR_446	WORKER
558365.1741604	558365.17	4160412.59	WRKR_447	WORKER
558365.1741604	558365.17	4160422.59	WRKR_448	WORKER
558365.1741604	558365.17	4160432.59	WRKR_449	WORKER
558365.1741604	558365.17	4160442.59	WRKR_450	WORKER
558365.1741604	558365.17	4160452.59	WRKR_451	WORKER
558365.1741604	558365.17	4160462.59	WRKR_452	WORKER
558365.1741604	558365.17	4160472.59	WRKR_453	WORKER
558365.1741604	558365.17	4160482.59	WRKR_454	WORKER
558365.1741604	558365.17	4160492.59	WRKR_455	WORKER
558365.1741605	558365.17	4160502.59	WRKR_456	WORKER
558365.1741605	558365.17	4160512.59	WRKR_457	WORKER
558365.1741605	558365.17	4160522.59	WRKR_458	WORKER
558365.1741605	558365.17	4160532.59	WRKR_459	WORKER
558375.1741603	558375.17	4160362.59	WRKR_460	WORKER
558375.1741603	558375.17	4160372.59	WRKR_461	WORKER
558375.1741603	558375.17	4160382.59	WRKR_462	WORKER
558375.1741603	558375.17	4160392.59	WRKR_463	WORKER
558375.1741604	558375.17	4160402.59	WRKR_464	WORKER
558375.1741604	558375.17	4160412.59	WRKR_465	WORKER
558375.1741604	558375.17	4160422.59	WRKR_466	WORKER
558375.1741604	558375.17	4160432.59	WRKR_467	WORKER
558375.1741604	558375.17	4160442.59	WRKR_468	WORKER
558375.1741604	558375.17	4160452.59	WRKR_469	WORKER

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558375.1741604	558375.17	4160472.59	WRKR_471	WORKER
558375.1741604	558375.17	4160482.59	WRKR_472	WORKER
558375.1741604	558375.17	4160492.59	WRKR_473	WORKER
558375.1741605(	558375.17	4160502.59	WRKR_474	WORKER
558375.1741605	558375.17	4160512.59	WRKR_475	WORKER
558375.1741605	558375.17	4160522.59	WRKR_476	WORKER
558375.1741605	558375.17	4160532.59	WRKR_477	WORKER
558385.1741603(	558385.17	4160362.59	WRKR_478	WORKER
558385.1741603	558385.17	4160372.59	WRKR_479	WORKER
558385.1741603	558385.17	4160382.59	WRKR_480	WORKER
558385.1741603	558385.17	4160392.59	WRKR_481	WORKER
558385.1741604(	558385.17	4160402.59	WRKR_482	WORKER
558385.1741604	558385.17	4160412.59	WRKR_483	WORKER
558385.1741604	558385.17	4160422.59	WRKR_484	WORKER
558385.1741604	558385.17	4160432.59	WRKR_485	WORKER
558385.1741604	558385.17	4160442.59	WRKR_486	WORKER
558385.1741604	558385.17	4160452.59	WRKR_487	WORKER
558385.1741604(	558385.17	4160462.59	WRKR_488	WORKER
558385.1741604	558385.17	4160472.59	WRKR_489	WORKER
558385.1741604	558385.17	4160482.59	WRKR_490	WORKER
558385.1741604	558385.17	4160492.59	WRKR_491	WORKER
558385.1741605(	558385.17	4160502.59	WRKR_492	WORKER
558385.1741605	558385.17	4160512.59	WRKR_493	WORKER
558385.1741605	558385.17	4160522.59	WRKR_494	WORKER
558385.1741605	558385.17	4160532.59	WRKR_495	WORKER
558395.1741603(	558395.17	4160362.59	WRKR_496	WORKER
558395.1741603	558395.17	4160372.59	WRKR_497	WORKER
558395.1741603	558395.17	4160382.59	WRKR_498	WORKER
558395.1741603	558395.17	4160392.59	WRKR_499	WORKER
558395.1741604(	558395.17	4160402.59	WRKR_500	WORKER
558395.1741604	558395.17	4160412.59	WRKR_501	WORKER
558395.1741604	558395.17	4160422.59	WRKR_502	WORKER
558395.1741604	558395.17	4160432.59	WRKR_503	WORKER
558395.1741604	558395.17	4160442.59	WRKR_504	WORKER
558395.1741604	558395.17	4160452.59	WRKR_505	WORKER
558395.1741604(	558395.17	4160462.59	WRKR_506	WORKER
558395.1741604	558395.17	4160472.59	WRKR_507	WORKER
558395.1741604	558395.17	4160482.59	WRKR_508	WORKER
558395.1741604	558395.17	4160492.59	WRKR_509	WORKER
558395.1741605(	558395.17	4160502.59	WRKR_510	WORKER
558395.1741605	558395.17	4160512.59	WRKR_511	WORKER
558477.6641605(	558477.66	4160568.94	WRKR_512	WORKER
558477.6641605	558477.66	4160578.94	WRKR_513	WORKER
558477.6641605	558477.66	4160588.94	WRKR_514	WORKER
558477.6641605	558477.66	4160598.94	WRKR_515	WORKER
558487.6641605(	558487.66	4160568.94	WRKR_516	WORKER

558487.6641605	558487.66	4160578.94	WRKR_517	WORKER
558487.6641605	558487.66	4160588.94	WRKR_518	WORKER
558487.6641605	558487.66	4160598.94	WRKR_519	WORKER
558497.6641605	558497.66	4160568.94	WRKR_520	WORKER
558497.6641605	558497.66	4160578.94	WRKR_521	WORKER
558497.6641605	558497.66	4160588.94	WRKR_522	WORKER
558497.6641605	558497.66	4160598.94	WRKR_523	WORKER
558507.6641605	558507.66	4160568.94	WRKR_524	WORKER
558507.6641605	558507.66	4160578.94	WRKR_525	WORKER
558507.6641605	558507.66	4160588.94	WRKR_526	WORKER
558507.6641605	558507.66	4160598.94	WRKR_527	WORKER
558517.6641605	558517.66	4160568.94	WRKR_528	WORKER
558517.6641605	558517.66	4160578.94	WRKR_529	WORKER
558517.6641605	558517.66	4160588.94	WRKR_530	WORKER
558517.6641605	558517.66	4160598.94	WRKR_531	WORKER
558527.6641605	558527.66	4160568.94	WRKR_532	WORKER
558527.6641605	558527.66	4160578.94	WRKR_533	WORKER
558527.6641605	558527.66	4160588.94	WRKR_534	WORKER
558527.6641605	558527.66	4160598.94	WRKR_535	WORKER
558537.6641605	558537.66	4160568.94	WRKR_536	WORKER
558537.6641605	558537.66	4160578.94	WRKR_537	WORKER
558537.6641605	558537.66	4160588.94	WRKR_538	WORKER
558537.6641605	558537.66	4160598.94	WRKR_539	WORKER
558547.6641605	558547.66	4160568.94	WRKR_540	WORKER
558547.6641605	558547.66	4160578.94	WRKR_541	WORKER
558547.6641605	558547.66	4160588.94	WRKR_542	WORKER
558557.6641605	558557.66	4160568.94	WRKR_543	WORKER
558600.6441605	558600.64	4160569.24	WRKR_544	WORKER
558600.6441605	558600.64	4160579.24	WRKR_545	WORKER
558600.6441605	558600.64	4160589.24	WRKR_546	WORKER
558600.6441605	558600.64	4160599.24	WRKR_547	WORKER
558610.6441605	558610.64	4160569.24	WRKR_548	WORKER
558610.6441605	558610.64	4160579.24	WRKR_549	WORKER
558610.6441605	558610.64	4160589.24	WRKR_550	WORKER
558610.6441605	558610.64	4160599.24	WRKR_551	WORKER
558620.6441605	558620.64	4160569.24	WRKR_552	WORKER
558620.6441605	558620.64	4160579.24	WRKR_553	WORKER
558620.6441605	558620.64	4160589.24	WRKR_554	WORKER
558620.6441605	558620.64	4160599.24	WRKR_555	WORKER
558630.6441605	558630.64	4160569.24	WRKR_556	WORKER
558630.6441605	558630.64	4160579.24	WRKR_557	WORKER
558630.6441605	558630.64	4160589.24	WRKR_558	WORKER
558630.6441605	558630.64	4160599.24	WRKR_559	WORKER
558640.6441605	558640.64	4160569.24	WRKR_560	WORKER
558640.6441605	558640.64	4160579.24	WRKR_561	WORKER
558640.6441605	558640.64	4160589.24	WRKR_562	WORKER
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558650.6441605(	558650.64	4160569.24	WRKR_564	WORKER
558650.6441605	558650.64	4160579.24	WRKR_565	WORKER
558650.6441605	558650.64	4160589.24	WRKR_566	WORKER
558650.6441605	558650.64	4160599.24	WRKR_567	WORKER
558660.6441605(	558660.64	4160569.24	WRKR_568	WORKER
558660.6441605	558660.64	4160579.24	WRKR_569	WORKER
558660.6441605	558660.64	4160589.24	WRKR_570	WORKER
558660.6441605	558660.64	4160599.24	WRKR_571	WORKER
558670.6441605(	558670.64	4160569.24	WRKR_572	WORKER
558670.6441605	558670.64	4160579.24	WRKR_573	WORKER
558670.6441605	558670.64	4160589.24	WRKR_574	WORKER
558495.4416049	558495.4	4160499.48	WRKR_575	WORKER
558495.4416050	558495.4	4160509.48	WRKR_576	WORKER
558495.4416051	558495.4	4160519.48	WRKR_577	WORKER
558495.4416052	558495.4	4160529.48	WRKR_578	WORKER
558505.4416049	558505.4	4160499.48	WRKR_579	WORKER
558505.4416050	558505.4	4160509.48	WRKR_580	WORKER
558505.4416051	558505.4	4160519.48	WRKR_581	WORKER
558505.4416052	558505.4	4160529.48	WRKR_582	WORKER
558515.4416049	558515.4	4160499.48	WRKR_583	WORKER
558515.4416050	558515.4	4160509.48	WRKR_584	WORKER
558515.4416051	558515.4	4160519.48	WRKR_585	WORKER
558515.4416052	558515.4	4160529.48	WRKR_586	WORKER
558525.4416049	558525.4	4160499.48	WRKR_587	WORKER
558525.4416050	558525.4	4160509.48	WRKR_588	WORKER
558525.4416051	558525.4	4160519.48	WRKR_589	WORKER
558525.4416052	558525.4	4160529.48	WRKR_590	WORKER
558535.4416049	558535.4	4160499.48	WRKR_591	WORKER
558535.4416050	558535.4	4160509.48	WRKR_592	WORKER
558535.4416051	558535.4	4160519.48	WRKR_593	WORKER
558535.4416052	558535.4	4160529.48	WRKR_594	WORKER
558545.4416049	558545.4	4160499.48	WRKR_595	WORKER
558545.4416050	558545.4	4160509.48	WRKR_596	WORKER
558545.4416051	558545.4	4160519.48	WRKR_597	WORKER
558545.4416052	558545.4	4160529.48	WRKR_598	WORKER
558555.4416049	558555.4	4160499.48	WRKR_599	WORKER
558555.4416050	558555.4	4160509.48	WRKR_600	WORKER
558555.4416051	558555.4	4160519.48	WRKR_601	WORKER
558555.4416052	558555.4	4160529.48	WRKR_602	WORKER
558565.4416049	558565.4	4160499.48	WRKR_603	WORKER
558565.4416050	558565.4	4160509.48	WRKR_604	WORKER
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558565.4416052	558565.4	4160529.48	WRKR_606	WORKER
558618.9841604	558618.98	4160498.88	WRKR_607	WORKER
558618.9841605(	558618.98	4160508.88	WRKR_608	WORKER
558618.9841605	558618.98	4160518.88	WRKR_609	WORKER
558618.9841605	558618.98	4160528.88	WRKR_610	WORKER

558628.9841604	558628.98	4160498.88	WRKR_611	WORKER
558628.9841605	558628.98	4160508.88	WRKR_612	WORKER
558628.9841605	558628.98	4160518.88	WRKR_613	WORKER
558628.9841605	558628.98	4160528.88	WRKR_614	WORKER
558638.9841604	558638.98	4160498.88	WRKR_615	WORKER
558638.9841605	558638.98	4160508.88	WRKR_616	WORKER
558638.9841605	558638.98	4160518.88	WRKR_617	WORKER
558638.9841605	558638.98	4160528.88	WRKR_618	WORKER
558648.9841604	558648.98	4160498.88	WRKR_619	WORKER
558648.9841605	558648.98	4160508.88	WRKR_620	WORKER
558648.9841605	558648.98	4160518.88	WRKR_621	WORKER
558648.9841605	558648.98	4160528.88	WRKR_622	WORKER
558658.9841604	558658.98	4160498.88	WRKR_623	WORKER
558658.9841605	558658.98	4160508.88	WRKR_624	WORKER
558658.9841605	558658.98	4160518.88	WRKR_625	WORKER
558658.9841605	558658.98	4160528.88	WRKR_626	WORKER
558668.9841604	558668.98	4160498.88	WRKR_627	WORKER
558668.9841605	558668.98	4160508.88	WRKR_628	WORKER
558668.9841605	558668.98	4160518.88	WRKR_629	WORKER
558668.9841605	558668.98	4160528.88	WRKR_630	WORKER
558678.9841604	558678.98	4160498.88	WRKR_631	WORKER
558678.9841605	558678.98	4160508.88	WRKR_632	WORKER
558678.9841605	558678.98	4160518.88	WRKR_633	WORKER
558678.9841605	558678.98	4160528.88	WRKR_634	WORKER
558688.9841604	558688.98	4160498.88	WRKR_635	WORKER
558688.9841605	558688.98	4160508.88	WRKR_636	WORKER
558688.9841605	558688.98	4160518.88	WRKR_637	WORKER
558444.4141603	558444.41	4160372.35	WRKR_638	WORKER
558454.4141603	558454.41	4160382.35	WRKR_639	WORKER
558454.4141603	558454.41	4160392.35	WRKR_640	WORKER
558454.4141604	558454.41	4160402.35	WRKR_641	WORKER
558464.4141603	558464.41	4160382.35	WRKR_642	WORKER
558464.4141603	558464.41	4160392.35	WRKR_643	WORKER
558464.4141604	558464.41	4160402.35	WRKR_644	WORKER
558474.4141603	558474.41	4160382.35	WRKR_645	WORKER
558474.4141603	558474.41	4160392.35	WRKR_646	WORKER
558474.4141604	558474.41	4160402.35	WRKR_647	WORKER
558484.4141603	558484.41	4160382.35	WRKR_648	WORKER
558484.4141603	558484.41	4160392.35	WRKR_649	WORKER
558484.4141604	558484.41	4160402.35	WRKR_650	WORKER
558494.4141603	558494.41	4160382.35	WRKR_651	WORKER
558494.4141603	558494.41	4160392.35	WRKR_652	WORKER
558494.4141604	558494.41	4160402.35	WRKR_653	WORKER
558504.4141603	558504.41	4160382.35	WRKR_654	WORKER
558504.4141603	558504.41	4160392.35	WRKR_655	WORKER
558504.4141604	558504.41	4160402.35	WRKR_656	WORKER
558514.4141603	558514.41	4160382.35	WRKR_657	WORKER

558514.4141603	558514.41	4160392.35	WRKR_658	WORKER
558514.4141604	558514.41	4160402.35	WRKR_659	WORKER
558524.4141603	558524.41	4160392.35	WRKR_660	WORKER
558524.4141604	558524.41	4160402.35	WRKR_661	WORKER
558581.8241603	558581.82	4160392.36	WRKR_662	WORKER
558581.8241604	558581.82	4160402.36	WRKR_663	WORKER
558581.8241604	558581.82	4160412.36	WRKR_664	WORKER
558581.8241604	558581.82	4160422.36	WRKR_665	WORKER
558591.8241603	558591.82	4160392.36	WRKR_666	WORKER
558591.8241604	558591.82	4160402.36	WRKR_667	WORKER
558591.8241604	558591.82	4160412.36	WRKR_668	WORKER
558591.8241604	558591.82	4160422.36	WRKR_669	WORKER
558601.8241603	558601.82	4160382.36	WRKR_670	WORKER
558601.8241603	558601.82	4160392.36	WRKR_671	WORKER
558601.8241604	558601.82	4160402.36	WRKR_672	WORKER
558601.8241604	558601.82	4160412.36	WRKR_673	WORKER
558601.8241604	558601.82	4160422.36	WRKR_674	WORKER
558611.8241603	558611.82	4160382.36	WRKR_675	WORKER
558611.8241603	558611.82	4160392.36	WRKR_676	WORKER
558611.8241604	558611.82	4160402.36	WRKR_677	WORKER
558611.8241604	558611.82	4160412.36	WRKR_678	WORKER
558611.8241604	558611.82	4160422.36	WRKR_679	WORKER
558621.8241603	558621.82	4160382.36	WRKR_680	WORKER
558621.8241603	558621.82	4160392.36	WRKR_681	WORKER
558621.8241604	558621.82	4160402.36	WRKR_682	WORKER
558621.8241604	558621.82	4160412.36	WRKR_683	WORKER
558621.8241604	558621.82	4160422.36	WRKR_684	WORKER
558631.8241603	558631.82	4160382.36	WRKR_685	WORKER
558631.8241603	558631.82	4160392.36	WRKR_686	WORKER
558631.8241604	558631.82	4160402.36	WRKR_687	WORKER
558641.8241603	558641.82	4160382.36	WRKR_688	WORKER
558641.8241603	558641.82	4160392.36	WRKR_689	WORKER
558641.8241604	558641.82	4160402.36	WRKR_690	WORKER
558651.8241603	558651.82	4160382.36	WRKR_691	WORKER
558651.8241603	558651.82	4160392.36	WRKR_692	WORKER
558651.8241604	558651.82	4160402.36	WRKR_693	WORKER
558661.8241603	558661.82	4160382.36	WRKR_694	WORKER
558661.8241603	558661.82	4160392.36	WRKR_695	WORKER
558661.8241604	558661.82	4160402.36	WRKR_696	WORKER
558671.8241603	558671.82	4160362.36	WRKR_697	WORKER
558671.8241603	558671.82	4160372.36	WRKR_698	WORKER
558671.8241603	558671.82	4160382.36	WRKR_699	WORKER
558671.8241603	558671.82	4160392.36	WRKR_700	WORKER
558671.8241604	558671.82	4160402.36	WRKR_701	WORKER
558681.8241603	558681.82	4160362.36	WRKR_702	WORKER
558681.8241603	558681.82	4160372.36	WRKR_703	WORKER
558681.8241603	558681.82	4160382.36	WRKR_704	WORKER

558681.8241603	558681.82	4160392.36	WRKR_705	WORKER
558681.8241604	558681.82	4160402.36	WRKR_706	WORKER
558691.8241603	558691.82	4160362.36	WRKR_707	WORKER
558691.8241603	558691.82	4160372.36	WRKR_708	WORKER
558691.8241603	558691.82	4160382.36	WRKR_709	WORKER
558691.8241603	558691.82	4160392.36	WRKR_710	WORKER
558691.8241604	558691.82	4160402.36	WRKR_711	WORKER
558701.8241603	558701.82	4160362.36	WRKR_712	WORKER
558701.8241603	558701.82	4160372.36	WRKR_713	WORKER
558701.8241603	558701.82	4160382.36	WRKR_714	WORKER
558701.8241603	558701.82	4160392.36	WRKR_715	WORKER
558701.8241604	558701.82	4160402.36	WRKR_716	WORKER
558711.8241603	558711.82	4160362.36	WRKR_717	WORKER
558711.8241603	558711.82	4160372.36	WRKR_718	WORKER
558711.8241603	558711.82	4160382.36	WRKR_719	WORKER
558711.8241603	558711.82	4160392.36	WRKR_720	WORKER
558711.8241604	558711.82	4160402.36	WRKR_721	WORKER
558721.8241603	558721.82	4160362.36	WRKR_722	WORKER
558721.8241603	558721.82	4160372.36	WRKR_723	WORKER
558721.8241603	558721.82	4160382.36	WRKR_724	WORKER
558721.8241603	558721.82	4160392.36	WRKR_725	WORKER
558721.8241604	558721.82	4160402.36	WRKR_726	WORKER
558690.0941602	558690.09	4160295.24	WRKR_727	WORKER
558690.0941603	558690.09	4160305.24	WRKR_728	WORKER
558690.0941603	558690.09	4160315.24	WRKR_729	WORKER
558690.0941603	558690.09	4160325.24	WRKR_730	WORKER
558690.0941603	558690.09	4160335.24	WRKR_731	WORKER
558700.0941602	558700.09	4160295.24	WRKR_732	WORKER
558700.0941603	558700.09	4160305.24	WRKR_733	WORKER
558700.0941603	558700.09	4160315.24	WRKR_734	WORKER
558700.0941603	558700.09	4160325.24	WRKR_735	WORKER
558700.0941603	558700.09	4160335.24	WRKR_736	WORKER
558710.0941602	558710.09	4160295.24	WRKR_737	WORKER
558710.0941603	558710.09	4160305.24	WRKR_738	WORKER
558710.0941603	558710.09	4160315.24	WRKR_739	WORKER
558710.0941603	558710.09	4160325.24	WRKR_740	WORKER
558710.0941603	558710.09	4160335.24	WRKR_741	WORKER
558720.0941602	558720.09	4160295.24	WRKR_742	WORKER
558720.0941603	558720.09	4160305.24	WRKR_743	WORKER
558720.0941603	558720.09	4160315.24	WRKR_744	WORKER
558720.0941603	558720.09	4160325.24	WRKR_745	WORKER
558612.6841602	558612.68	4160297.32	WRKR_746	WORKER
558612.6841603	558612.68	4160307.32	WRKR_747	WORKER
558612.6841603	558612.68	4160317.32	WRKR_748	WORKER
558612.6841603	558612.68	4160327.32	WRKR_749	WORKER
558612.6841603	558612.68	4160337.32	WRKR_750	WORKER
558622.6841602	558622.68	4160297.32	WRKR_751	WORKER

558622.6841603(	558622.68	4160307.32	WRKR_752	WORKER
558622.6841603:	558622.68	4160317.32	WRKR_753	WORKER
558622.6841603:	558622.68	4160327.32	WRKR_754	WORKER
558622.6841603:	558622.68	4160337.32	WRKR_755	WORKER
558632.6841602!	558632.68	4160297.32	WRKR_756	WORKER
558632.6841603(	558632.68	4160307.32	WRKR_757	WORKER
558632.6841603:	558632.68	4160317.32	WRKR_758	WORKER
558632.6841603:	558632.68	4160327.32	WRKR_759	WORKER
558632.6841603:	558632.68	4160337.32	WRKR_760	WORKER
558642.6841602!	558642.68	4160297.32	WRKR_761	WORKER
558642.6841603(	558642.68	4160307.32	WRKR_762	WORKER
558642.6841603:	558642.68	4160317.32	WRKR_763	WORKER
558642.6841603:	558642.68	4160327.32	WRKR_764	WORKER
558642.6841603:	558642.68	4160337.32	WRKR_765	WORKER
558652.6841602!	558652.68	4160297.32	WRKR_766	WORKER
558652.6841603(	558652.68	4160307.32	WRKR_767	WORKER
558652.6841603:	558652.68	4160317.32	WRKR_768	WORKER
558652.6841603:	558652.68	4160327.32	WRKR_769	WORKER
558652.6841603:	558652.68	4160337.32	WRKR_770	WORKER
558662.6841602!	558662.68	4160297.32	WRKR_771	WORKER
558662.6841603(	558662.68	4160307.32	WRKR_772	WORKER
558662.6841603:	558662.68	4160317.32	WRKR_773	WORKER
558662.6841603:	558662.68	4160327.32	WRKR_774	WORKER
558662.6841603:	558662.68	4160337.32	WRKR_775	WORKER
558672.6841602!	558672.68	4160297.32	WRKR_776	WORKER
558672.6841603(	558672.68	4160307.32	WRKR_777	WORKER
558672.6841603:	558672.68	4160317.32	WRKR_778	WORKER
558672.6841603:	558672.68	4160327.32	WRKR_779	WORKER
558672.6841603:	558672.68	4160337.32	WRKR_780	WORKER
558543.5841602!	558543.58	4160290.65	WRKR_781	WORKER
558553.5841603(	558553.58	4160300.65	WRKR_782	WORKER
558553.5841603:	558553.58	4160310.65	WRKR_783	WORKER
558553.5841603:	558553.58	4160320.65	WRKR_784	WORKER
558553.5841603:	558553.58	4160330.65	WRKR_785	WORKER
558563.5841603(	558563.58	4160300.65	WRKR_786	WORKER
558563.5841603:	558563.58	4160310.65	WRKR_787	WORKER
558563.5841603:	558563.58	4160320.65	WRKR_788	WORKER
558563.5841603:	558563.58	4160330.65	WRKR_789	WORKER
558573.5841603(	558573.58	4160300.65	WRKR_790	WORKER
558573.5841603:	558573.58	4160310.65	WRKR_791	WORKER
558573.5841603:	558573.58	4160320.65	WRKR_792	WORKER
558573.5841603:	558573.58	4160330.65	WRKR_793	WORKER
558583.5841603(	558583.58	4160300.65	WRKR_794	WORKER
558583.5841603:	558583.58	4160310.65	WRKR_795	WORKER
558583.5841603:	558583.58	4160320.65	WRKR_796	WORKER
558583.5841603:	558583.58	4160330.65	WRKR_797	WORKER
558593.5841603:	558593.58	4160330.65	WRKR_798	WORKER

558455.3541603(	558455.35	4160303.56	WRKR_799	WORKER
558455.3541603:	558455.35	4160313.56	WRKR_800	WORKER
558455.3541603:	558455.35	4160323.56	WRKR_801	WORKER
558455.3541603:	558455.35	4160333.56	WRKR_802	WORKER
558455.3541603:	558455.35	4160343.56	WRKR_803	WORKER
558465.3541603(	558465.35	4160303.56	WRKR_804	WORKER
558465.3541603:	558465.35	4160313.56	WRKR_805	WORKER
558465.3541603:	558465.35	4160323.56	WRKR_806	WORKER
558465.3541603:	558465.35	4160333.56	WRKR_807	WORKER
558465.3541603:	558465.35	4160343.56	WRKR_808	WORKER
558475.3541603(	558475.35	4160303.56	WRKR_809	WORKER
558475.3541603:	558475.35	4160313.56	WRKR_810	WORKER
558475.3541603:	558475.35	4160323.56	WRKR_811	WORKER
558475.3541603:	558475.35	4160333.56	WRKR_812	WORKER
558475.3541603:	558475.35	4160343.56	WRKR_813	WORKER
558485.3541603(	558485.35	4160303.56	WRKR_814	WORKER
558485.3541603:	558485.35	4160313.56	WRKR_815	WORKER
558485.3541603:	558485.35	4160323.56	WRKR_816	WORKER
558485.3541603:	558485.35	4160333.56	WRKR_817	WORKER
558485.3541603:	558485.35	4160343.56	WRKR_818	WORKER
558495.3541603(	558495.35	4160303.56	WRKR_819	WORKER
558495.3541603:	558495.35	4160313.56	WRKR_820	WORKER
558495.3541603:	558495.35	4160323.56	WRKR_821	WORKER
558495.3541603:	558495.35	4160333.56	WRKR_822	WORKER
558495.3541603:	558495.35	4160343.56	WRKR_823	WORKER
558505.3541603(	558505.35	4160303.56	WRKR_824	WORKER
558505.3541603:	558505.35	4160313.56	WRKR_825	WORKER
558505.3541603:	558505.35	4160323.56	WRKR_826	WORKER
558505.3541603:	558505.35	4160333.56	WRKR_827	WORKER
558515.3541603(	558515.35	4160303.56	WRKR_828	WORKER
558515.3541603:	558515.35	4160313.56	WRKR_829	WORKER
558515.3541603:	558515.35	4160323.56	WRKR_830	WORKER
558515.3541603:	558515.35	4160333.56	WRKR_831	WORKER
558525.3541603(	558525.35	4160303.56	WRKR_832	WORKER
558525.3541603:	558525.35	4160313.56	WRKR_833	WORKER
558525.3541603:	558525.35	4160323.56	WRKR_834	WORKER
558525.3541603:	558525.35	4160333.56	WRKR_835	WORKER
558535.3541603(	558535.35	4160303.56	WRKR_836	WORKER
558535.3541603:	558535.35	4160313.56	WRKR_837	WORKER
558535.3541603:	558535.35	4160323.56	WRKR_838	WORKER
558535.3541603:	558535.35	4160333.56	WRKR_839	WORKER
558616.6741602:	558616.67	4160229.97	WRKR_840	WORKER
558616.6741602:	558616.67	4160239.97	WRKR_841	WORKER
558616.6741602:	558616.67	4160249.97	WRKR_842	WORKER
558626.6741602:	558626.67	4160229.97	WRKR_843	WORKER
558626.6741602:	558626.67	4160239.97	WRKR_844	WORKER
558626.6741602:	558626.67	4160249.97	WRKR_845	WORKER

558636.6741602	558636.67	4160229.97	WRKR_846	WORKER
558636.6741602	558636.67	4160239.97	WRKR_847	WORKER
558636.6741602	558636.67	4160249.97	WRKR_848	WORKER
558646.6741602	558646.67	4160229.97	WRKR_849	WORKER
558646.6741602	558646.67	4160239.97	WRKR_850	WORKER
558646.6741602	558646.67	4160249.97	WRKR_851	WORKER
558656.6741602	558656.67	4160229.97	WRKR_852	WORKER
558656.6741602	558656.67	4160239.97	WRKR_853	WORKER
558666.6741602	558666.67	4160229.97	WRKR_854	WORKER
558666.6741602	558666.67	4160239.97	WRKR_855	WORKER
558676.6741602	558676.67	4160229.97	WRKR_856	WORKER
558676.6741602	558676.67	4160239.97	WRKR_857	WORKER
558686.6741602	558686.67	4160229.97	WRKR_858	WORKER
558686.6741602	558686.67	4160239.97	WRKR_859	WORKER
558696.6741602	558696.67	4160229.97	WRKR_860	WORKER
558696.6741602	558696.67	4160239.97	WRKR_861	WORKER
558706.6741602	558706.67	4160229.97	WRKR_862	WORKER
558706.6741602	558706.67	4160239.97	WRKR_863	WORKER
558716.6741602	558716.67	4160229.97	WRKR_864	WORKER
558716.6741602	558716.67	4160239.97	WRKR_865	WORKER
558420.2141602	558420.21	4160235.8	WRKR_866	WORKER
558420.2141602	558420.21	4160245.8	WRKR_867	WORKER
558420.2141602	558420.21	4160255.8	WRKR_868	WORKER
558430.2141602	558430.21	4160235.8	WRKR_869	WORKER
558430.2141602	558430.21	4160245.8	WRKR_870	WORKER
558430.2141602	558430.21	4160255.8	WRKR_871	WORKER
558440.2141602	558440.21	4160235.8	WRKR_872	WORKER
558440.2141602	558440.21	4160245.8	WRKR_873	WORKER
558440.2141602	558440.21	4160255.8	WRKR_874	WORKER
558450.2141602	558450.21	4160235.8	WRKR_875	WORKER
558450.2141602	558450.21	4160245.8	WRKR_876	WORKER
558450.2141602	558450.21	4160255.8	WRKR_877	WORKER
558460.2141602	558460.21	4160235.8	WRKR_878	WORKER
558460.2141602	558460.21	4160245.8	WRKR_879	WORKER
558460.2141602	558460.21	4160255.8	WRKR_880	WORKER
558470.2141602	558470.21	4160235.8	WRKR_881	WORKER
558470.2141602	558470.21	4160245.8	WRKR_882	WORKER
558470.2141602	558470.21	4160255.8	WRKR_883	WORKER
558480.2141602	558480.21	4160235.8	WRKR_884	WORKER
558480.2141602	558480.21	4160245.8	WRKR_885	WORKER
558480.2141602	558480.21	4160255.8	WRKR_886	WORKER
558490.2141602	558490.21	4160235.8	WRKR_887	WORKER
558490.2141602	558490.21	4160245.8	WRKR_888	WORKER
558490.2141602	558490.21	4160255.8	WRKR_889	WORKER
558500.2141602	558500.21	4160235.8	WRKR_890	WORKER
558500.2141602	558500.21	4160245.8	WRKR_891	WORKER
558500.2141602	558500.21	4160255.8	WRKR_892	WORKER

558510.2141602	558510.21	4160235.8	WRKR_893	WORKER
558510.2141602	558510.21	4160245.8	WRKR_894	WORKER
558510.2141602	558510.21	4160255.8	WRKR_895	WORKER
558520.2141602	558520.21	4160235.8	WRKR_896	WORKER
558520.2141602	558520.21	4160245.8	WRKR_897	WORKER
558520.2141602	558520.21	4160255.8	WRKR_898	WORKER
558530.2141602	558530.21	4160235.8	WRKR_899	WORKER
558530.2141602	558530.21	4160245.8	WRKR_900	WORKER
558530.2141602	558530.21	4160255.8	WRKR_901	WORKER
558540.2141602	558540.21	4160235.8	WRKR_902	WORKER
558540.2141602	558540.21	4160245.8	WRKR_903	WORKER
558540.2141602	558540.21	4160255.8	WRKR_904	WORKER
558550.2141602	558550.21	4160235.8	WRKR_905	WORKER
558550.2141602	558550.21	4160245.8	WRKR_906	WORKER
558550.2141602	558550.21	4160255.8	WRKR_907	WORKER
558560.2141602	558560.21	4160235.8	WRKR_908	WORKER
558560.2141602	558560.21	4160245.8	WRKR_909	WORKER
558560.2141602	558560.21	4160255.8	WRKR_910	WORKER
558570.2141602	558570.21	4160235.8	WRKR_911	WORKER
558570.2141602	558570.21	4160245.8	WRKR_912	WORKER
558570.2141602	558570.21	4160255.8	WRKR_913	WORKER
558580.2141602	558580.21	4160235.8	WRKR_914	WORKER
558580.2141602	558580.21	4160245.8	WRKR_915	WORKER
558590.2141602	558590.21	4160235.8	WRKR_916	WORKER
558590.2141602	558590.21	4160245.8	WRKR_917	WORKER
558600.2141602	558600.21	4160245.8	WRKR_918	WORKER

RESIDENTIAL - Diesel Particulate Matter

Parameter	Abbr.	3rd Tri	0<2	2<16	16<30
Daily Breathing Rate (mg/kg/day)[1]	DBR	361	1,090	572	261
Inhalation Absorption Factor (unitless)	A	1.0	1.0	1.0	1.0
Exposure Frequency (unitless)[2]	EF	0.96	0.96	0.96	0.96
Conversion Factor (ug to mg, L to m^3)	CF	1.00E-06	1.00E-06	1.00E-06	1.00E-06
Age Sensitivity Factor (unitless)	ASF	10	10	3	1
Exposure Duration (years)	ED	0.25	2.00	1.12	0.00
Averaging Time for Lifetime (years)	AT	70.0	70.0	70.0	70.0
Fraction of Time at Home (unitless)[3]	FAH	1.00	1.00	1.00	0.73
Worker Adjustment Factor (unitless)	WAF	4.2	4.2	4.2	4.2
Cancer Conversion Factor (unitless)	CCF	1.00E+06	1.00E+06	1.00E+06	1.00E+06
Cancer Potency Factor (mg/kg/day)[-1,3]	CPF	1.1	1.1	1.1	1.1

1. 95th percentile DBR for 3rd Tri & 0<2, 80th percentile for other age groups, consistent with BAAQMD Guidance.
2. Based on 350 days/365 days per year

DOSE: CONC x DBR x A x EF x CF
CANCER RISK: Dose x CPF x ASF x ED/AT x FAH x CCF

WORKER - Diesel Particulate Matter

Parameter	Abbr.	16<30
Daily Breathing Rate (mg/kg/day)	DBR	230
Inhalation Absorption Factor (unitless)	A	1
Exposure Frequency (unitless)	EF	0.68
Conversion Factor (ug to mg, L to m^3)	CF	1.00E-06
Age Sensitivity Factor (unitless)	ASF	1
Exposure Duration (years)	ED	3.37
Averaging Time for Lifetime (years)	AT	70
Fraction of Time at Home (unitless)	FAH	1
Worker Adjustment Factor (unitless)	WAF	4.2
Cancer Conversion Factor (unitless)	CCF	1.00E+06
Cancer Potency Factor (mg/kg/day)[-1]	CPF	1.1

1. 95th percentile for 16<30, moderate intensity .
2. Based on 250 days/365 days per year

DOSE: CONC x WAF DBR x A x EF x CF
CANCER RISK: Dose x CPF x ASF x ED/AT x FAH x CCF

Source: https://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/ceqa-guidelines-2022/appendix-e-recommended-methods-for-screening-and-modeling-local-risks-and-hazards_final-pdf.pdf?rev=b8917a27345a4a629fc18fc8650951e4&sc_lang=en

Year	ROG	NOX	CO	SOX	PM10 Fugitive	PM10 Exhaust
2020	6.21E-02	1.48E-01	1.93E+00	5.15E-03	3.18E-01	5.05E-03
2021	5.25E-02	1.25E-01	1.72E+00	5.07E-03	3.18E-01	4.79E-03
2022	4.66E-02	1.11E-01	1.60E+00	4.98E-03	3.18E-01	4.60E-03
2023	4.15E-02	9.91E-02	1.48E+00	4.89E-03	3.18E-01	4.43E-03
2024	3.71E-02	8.92E-02	1.39E+00	4.80E-03	3.18E-01	4.27E-03
2025	3.33E-02	8.09E-02	1.31E+00	4.70E-03	3.18E-01	4.13E-03
2026	3.01E-02	7.39E-02	1.24E+00	4.60E-03	3.18E-01	3.97E-03
2027	2.73E-02	6.78E-02	1.17E+00	4.51E-03	3.18E-01	3.78E-03
2028	2.50E-02	6.25E-02	1.12E+00	4.43E-03	3.18E-01	3.57E-03
2029	2.28E-02	5.78E-02	1.07E+00	4.35E-03	3.18E-01	3.36E-03
2030	2.10E-02	5.37E-02	1.03E+00	4.28E-03	3.18E-01	3.16E-03
2031	1.95E-02	5.02E-02	1.00E+00	4.22E-03	3.18E-01	2.96E-03
2032	1.80E-02	4.69E-02	9.70E-01	4.16E-03	3.18E-01	2.78E-03
2033	1.67E-02	4.41E-02	9.42E-01	4.11E-03	3.18E-01	2.61E-03
2034	1.55E-02	4.16E-02	9.17E-01	4.06E-03	3.18E-01	2.45E-03
2035	1.45E-02	3.96E-02	8.95E-01	4.02E-03	3.18E-01	2.30E-03
2036	1.36E-02	3.79E-02	8.76E-01	3.99E-03	3.18E-01	2.18E-03
2037	1.28E-02	3.64E-02	8.60E-01	3.95E-03	3.18E-01	2.06E-03
2038	1.21E-02	3.51E-02	8.47E-01	3.93E-03	3.18E-01	1.96E-03
2039	1.15E-02	3.39E-02	8.35E-01	3.90E-03	3.18E-01	1.87E-03
2040	1.09E-02	3.29E-02	8.25E-01	3.88E-03	3.18E-01	1.80E-03
2041	1.04E-02	3.21E-02	8.16E-01	3.87E-03	3.18E-01	1.74E-03
2042	1.00E-02	3.13E-02	8.09E-01	3.85E-03	3.18E-01	1.69E-03
2043	9.72E-03	3.06E-02	8.03E-01	3.84E-03	3.18E-01	1.64E-03
2044	9.52E-03	3.01E-02	7.98E-01	3.83E-03	3.18E-01	1.61E-03
2045	9.40E-03	2.97E-02	7.96E-01	3.82E-03	3.18E-01	1.58E-03
2046	9.29E-03	2.93E-02	7.93E-01	3.82E-03	3.18E-01	1.55E-03
2047	9.21E-03	2.91E-02	7.91E-01	3.81E-03	3.18E-01	1.53E-03
2048	9.15E-03	2.89E-02	7.90E-01	3.81E-03	3.18E-01	1.52E-03
2049	9.13E-03	2.88E-02	7.89E-01	3.80E-03	3.18E-01	1.51E-03
2050	9.11E-03	2.88E-02	7.88E-01	3.80E-03	3.18E-01	1.50E-03

Emission Rate (g/mi)							
PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	CO2	CH4	N2O	TOG
3.23E-01	7.93E-02	4.64E-03	8.39E-02	5.21E+02	1.42E-02	1.13E-02	9.05E-02
3.23E-01	7.93E-02	4.41E-03	8.37E-02	5.14E+02	1.23E-02	1.01E-02	7.67E-02
3.23E-01	7.93E-02	4.23E-03	8.35E-02	5.07E+02	1.11E-02	9.30E-03	6.84E-02
3.23E-01	7.93E-02	4.07E-03	8.34E-02	5.01E+02	1.00E-02	8.64E-03	6.13E-02
3.23E-01	7.93E-02	3.93E-03	8.32E-02	4.95E+02	9.10E-03	8.07E-03	5.52E-02
3.23E-01	7.93E-02	3.80E-03	8.31E-02	4.90E+02	8.29E-03	7.58E-03	5.02E-02
3.22E-01	7.93E-02	3.65E-03	8.30E-02	4.84E+02	7.59E-03	7.17E-03	4.57E-02
3.22E-01	7.93E-02	3.48E-03	8.28E-02	4.78E+02	6.98E-03	6.81E-03	4.18E-02
3.22E-01	7.93E-02	3.28E-03	8.26E-02	4.73E+02	6.46E-03	6.50E-03	3.84E-02
3.22E-01	7.93E-02	3.09E-03	8.24E-02	4.68E+02	6.00E-03	6.23E-03	3.54E-02
3.22E-01	7.93E-02	2.90E-03	8.22E-02	4.63E+02	5.60E-03	5.99E-03	3.28E-02
3.21E-01	7.93E-02	2.72E-03	8.20E-02	4.60E+02	5.28E-03	5.78E-03	3.06E-02
3.21E-01	7.93E-02	2.56E-03	8.19E-02	4.56E+02	4.96E-03	5.59E-03	2.85E-02
3.21E-01	7.93E-02	2.40E-03	8.17E-02	4.53E+02	4.68E-03	5.43E-03	2.65E-02
3.21E-01	7.93E-02	2.25E-03	8.16E-02	4.50E+02	4.43E-03	5.28E-03	2.48E-02
3.21E-01	7.93E-02	2.12E-03	8.14E-02	4.47E+02	4.21E-03	5.16E-03	2.32E-02
3.21E-01	7.93E-02	2.00E-03	8.13E-02	4.45E+02	4.01E-03	5.05E-03	2.18E-02
3.20E-01	7.93E-02	1.90E-03	8.12E-02	4.43E+02	3.84E-03	4.96E-03	2.07E-02
3.20E-01	7.93E-02	1.80E-03	8.11E-02	4.41E+02	3.70E-03	4.87E-03	1.96E-02
3.20E-01	7.93E-02	1.72E-03	8.10E-02	4.40E+02	3.57E-03	4.80E-03	1.86E-02
3.20E-01	7.93E-02	1.65E-03	8.09E-02	4.39E+02	3.45E-03	4.74E-03	1.78E-02
3.20E-01	7.93E-02	1.60E-03	8.09E-02	4.38E+02	3.35E-03	4.69E-03	1.70E-02
3.20E-01	7.93E-02	1.55E-03	8.08E-02	4.37E+02	3.27E-03	4.64E-03	1.64E-02
3.20E-01	7.93E-02	1.51E-03	8.08E-02	4.36E+02	3.20E-03	4.59E-03	1.59E-02
3.20E-01	7.93E-02	1.48E-03	8.08E-02	4.35E+02	3.16E-03	4.56E-03	1.56E-02
3.20E-01	7.93E-02	1.45E-03	8.07E-02	4.35E+02	3.13E-03	4.54E-03	1.54E-02
3.20E-01	7.93E-02	1.43E-03	8.07E-02	4.34E+02	3.10E-03	4.51E-03	1.53E-02
3.20E-01	7.93E-02	1.41E-03	8.07E-02	4.34E+02	3.09E-03	4.50E-03	1.51E-02
3.20E-01	7.93E-02	1.39E-03	8.07E-02	4.34E+02	3.07E-03	4.48E-03	1.50E-02
3.20E-01	7.93E-02	1.38E-03	8.07E-02	4.34E+02	3.07E-03	4.48E-03	1.50E-02
3.20E-01	7.93E-02	1.38E-03	8.07E-02	4.33E+02	3.06E-03	4.48E-03	1.50E-02

Emission Rate (g/trip)													
ROG	NOX	CO	SOX	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	CO2	CH4	N2O	TOG
1.46E+00	0.00E+00	5.22E+00	8.51E-04	0.00E+00	2.76E-03	2.76E-03	0.00E+00	2.53E-03	2.53E-03	8.60E+01	1.07E-01	3.99E-02	1.51E+00
1.40E+00	4.05E-01	4.88E+00	8.34E-04	0.00E+00	2.64E-03	2.64E-03	0.00E+00	2.43E-03	2.43E-03	8.45E+01	1.02E-01	3.95E-02	1.44E+00
1.33E+00	3.80E-01	4.55E+00	8.16E-04	0.00E+00	2.54E-03	2.54E-03	0.00E+00	2.33E-03	2.33E-03	8.30E+01	9.60E-02	3.82E-02	1.38E+00
1.27E+00	3.56E-01	4.26E+00	7.97E-04	0.00E+00	2.44E-03	2.44E-03	0.00E+00	2.24E-03	2.24E-03	8.17E+01	9.03E-02	3.71E-02	1.31E+00
1.20E+00	3.35E-01	4.00E+00	7.79E-04	0.00E+00	2.35E-03	2.35E-03	0.00E+00	2.16E-03	2.16E-03	8.04E+01	8.50E-02	3.60E-02	1.24E+00
1.15E+00	3.16E-01	3.77E+00	7.61E-04	0.00E+00	2.28E-03	2.28E-03	0.00E+00	2.10E-03	2.10E-03	7.93E+01	8.00E-02	3.49E-02	1.18E+00
1.09E+00	2.99E-01	3.56E+00	7.43E-04	0.00E+00	2.20E-03	2.20E-03	0.00E+00	2.03E-03	2.03E-03	7.81E+01	7.54E-02	3.39E-02	1.13E+00
1.05E+00	2.84E-01	3.37E+00	7.27E-04	0.00E+00	2.12E-03	2.12E-03	0.00E+00	1.95E-03	1.95E-03	7.70E+01	7.12E-02	3.31E-02	1.08E+00
1.01E+00	2.71E-01	3.20E+00	7.12E-04	0.00E+00	2.02E-03	2.02E-03	0.00E+00	1.86E-03	1.86E-03	7.60E+01	6.74E-02	3.23E-02	1.04E+00
9.64E-01	2.60E-01	3.04E+00	6.97E-04	0.00E+00	1.92E-03	1.92E-03	0.00E+00	1.77E-03	1.77E-03	7.50E+01	6.39E-02	3.17E-02	9.96E-01
9.26E-01	2.50E-01	2.90E+00	6.84E-04	0.00E+00	1.83E-03	1.83E-03	0.00E+00	1.68E-03	1.68E-03	7.40E+01	6.06E-02	3.11E-02	9.57E-01
8.87E-01	2.41E-01	2.77E+00	6.72E-04	0.00E+00	1.73E-03	1.73E-03	0.00E+00	1.59E-03	1.59E-03	7.32E+01	5.76E-02	3.05E-02	9.16E-01
8.57E-01	2.33E-01	2.65E+00	6.60E-04	0.00E+00	1.64E-03	1.64E-03	0.00E+00	1.50E-03	1.50E-03	7.23E+01	5.48E-02	3.00E-02	8.85E-01
8.33E-01	2.26E-01	2.54E+00	6.50E-04	0.00E+00	1.54E-03	1.54E-03	0.00E+00	1.42E-03	1.42E-03	7.16E+01	5.22E-02	2.96E-02	8.62E-01
8.01E-01	2.20E-01	2.44E+00	6.40E-04	0.00E+00	1.45E-03	1.45E-03	0.00E+00	1.34E-03	1.34E-03	7.09E+01	4.98E-02	2.92E-02	8.28E-01
7.86E-01	2.15E-01	2.35E+00	6.31E-04	0.00E+00	1.37E-03	1.37E-03	0.00E+00	1.26E-03	1.26E-03	7.02E+01	4.77E-02	2.89E-02	8.13E-01
7.67E-01	2.10E-01	2.27E+00	6.23E-04	0.00E+00	1.30E-03	1.30E-03	0.00E+00	1.19E-03	1.19E-03	6.96E+01	4.57E-02	2.86E-02	7.94E-01
7.44E-01	2.06E-01	2.20E+00	6.16E-04	0.00E+00	1.23E-03	1.23E-03	0.00E+00	1.13E-03	1.13E-03	6.91E+01	4.39E-02	2.83E-02	7.70E-01
7.22E-01	2.02E-01	2.13E+00	6.10E-04	0.00E+00	1.17E-03	1.17E-03	0.00E+00	1.07E-03	1.07E-03	6.86E+01	4.24E-02	2.81E-02	7.48E-01
6.92E-01	1.98E-01	2.08E+00	6.05E-04	0.00E+00	1.11E-03	1.11E-03	0.00E+00	1.02E-03	1.02E-03	6.81E+01	4.09E-02	2.79E-02	7.18E-01
6.61E-01	1.95E-01	2.03E+00	6.00E-04	0.00E+00	1.06E-03	1.06E-03	0.00E+00	9.72E-04	9.72E-04	6.78E+01	3.97E-02	2.77E-02	6.86E-01
6.39E-01	1.93E-01	1.99E+00	5.96E-04	0.00E+00	1.01E-03	1.01E-03	0.00E+00	9.33E-04	9.33E-04	6.74E+01	3.85E-02	2.75E-02	6.64E-01
6.20E-01	1.90E-01	1.95E+00	5.92E-04	0.00E+00	9.77E-04	9.77E-04	0.00E+00	8.98E-04	8.98E-04	6.71E+01	3.75E-02	2.74E-02	6.45E-01
6.04E-01	1.88E-01	1.92E+00	5.89E-04	0.00E+00	9.44E-04	9.44E-04	0.00E+00	8.68E-04	8.68E-04	6.68E+01	3.67E-02	2.72E-02	6.29E-01
5.92E-01	1.86E-01	1.90E+00	5.86E-04	0.00E+00	9.16E-04	9.16E-04	0.00E+00	8.42E-04	8.42E-04	6.66E+01	3.60E-02	2.71E-02	6.16E-01
5.81E-01	1.84E-01	1.88E+00	5.84E-04	0.00E+00	8.91E-04	8.91E-04	0.00E+00	8.19E-04	8.19E-04	6.64E+01	3.55E-02	2.70E-02	6.05E-01
5.71E-01	1.82E-01	1.87E+00	5.82E-04	0.00E+00	8.71E-04	8.71E-04	0.00E+00	8.01E-04	8.01E-04	6.63E+01	3.50E-02	2.69E-02	5.96E-01
5.64E-01	1.80E-01	1.86E+00	5.81E-04	0.00E+00	8.54E-04	8.54E-04	0.00E+00	7.85E-04	7.85E-04	6.61E+01	3.46E-02	2.68E-02	5.89E-01
5.58E-01	1.79E-01	1.85E+00	5.80E-04	0.00E+00	8.40E-04	8.40E-04	0.00E+00	7.72E-04	7.72E-04	6.60E+01	3.43E-02	2.67E-02	5.83E-01
5.54E-01	1.78E-01	1.84E+00	5.79E-04	0.00E+00	8.31E-04	8.31E-04	0.00E+00	7.64E-04	7.64E-04	6.59E+01	3.41E-02	2.67E-02	5.79E-01
5.50E-01	1.78E-01	1.84E+00	5.78E-04	0.00E+00	8.24E-04	8.24E-04	0.00E+00	7.58E-04	7.58E-04	6.59E+01	3.40E-02	2.67E-02	5.75E-01

	Emission Rate (g/mi)													
Year	ROG	NOX	CO	SOX	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	CO2	CH4	N2O	TOG
2020	3.53E-01	6.40E+00	9.07E-01	2.13E-02	4.30E-01	6.67E-02	4.97E-01	1.17E-01	6.38E-02	1.81E-01	2.24E+03	1.64E-02	3.54E-01	4.01E-01
2021	1.95E-01	5.28E+00	6.13E-01	2.09E-02	4.29E-01	3.74E-02	4.66E-01	1.16E-01	3.57E-02	1.52E-01	2.20E+03	9.06E-03	3.47E-01	2.22E-01
2022	1.49E-01	4.87E+00	5.20E-01	2.05E-02	4.28E-01	2.98E-02	4.58E-01	1.16E-01	2.85E-02	1.45E-01	2.16E+03	6.91E-03	3.41E-01	1.69E-01
2023	8.31E-02	4.23E+00	3.59E-01	2.00E-02	4.26E-01	2.37E-02	4.50E-01	1.16E-01	2.26E-02	1.38E-01	2.11E+03	3.86E-03	3.32E-01	9.46E-02
2024	7.48E-02	4.08E+00	3.39E-01	1.96E-02	4.26E-01	2.09E-02	4.47E-01	1.15E-01	2.00E-02	1.35E-01	2.08E+03	3.48E-03	3.27E-01	8.52E-02
2025	6.71E-02	3.93E+00	3.20E-01	1.93E-02	4.26E-01	1.83E-02	4.44E-01	1.15E-01	1.75E-02	1.33E-01	2.04E+03	3.12E-03	3.21E-01	7.64E-02
2026	6.03E-02	3.78E+00	3.02E-01	1.90E-02	4.26E-01	1.61E-02	4.42E-01	1.15E-01	1.54E-02	1.31E-01	2.00E+03	2.80E-03	3.15E-01	6.86E-02
2027	5.44E-02	3.65E+00	2.86E-01	1.86E-02	4.26E-01	1.42E-02	4.40E-01	1.15E-01	1.36E-02	1.29E-01	1.97E+03	2.53E-03	3.10E-01	6.19E-02
2028	4.93E-02	3.52E+00	2.72E-01	1.83E-02	4.26E-01	1.26E-02	4.39E-01	1.16E-01	1.21E-02	1.28E-01	1.93E+03	2.29E-03	3.04E-01	5.62E-02
2029	4.51E-02	3.40E+00	2.60E-01	1.80E-02	4.27E-01	1.13E-02	4.38E-01	1.16E-01	1.08E-02	1.26E-01	1.90E+03	2.09E-03	2.99E-01	5.13E-02
2030	4.14E-02	3.30E+00	2.49E-01	1.77E-02	4.27E-01	1.01E-02	4.37E-01	1.16E-01	9.68E-03	1.25E-01	1.86E+03	1.92E-03	2.94E-01	4.71E-02
2031	3.83E-02	3.21E+00	2.41E-01	1.74E-02	4.27E-01	9.14E-03	4.36E-01	1.16E-01	8.74E-03	1.25E-01	1.83E+03	1.78E-03	2.89E-01	4.36E-02
2032	3.57E-02	3.14E+00	2.34E-01	1.71E-02	4.27E-01	8.32E-03	4.36E-01	1.16E-01	7.96E-03	1.24E-01	1.80E+03	1.66E-03	2.84E-01	4.06E-02
2033	3.34E-02	3.07E+00	2.28E-01	1.68E-02	4.28E-01	7.60E-03	4.35E-01	1.16E-01	7.27E-03	1.23E-01	1.78E+03	1.55E-03	2.80E-01	3.80E-02
2034	3.14E-02	3.00E+00	2.23E-01	1.66E-02	4.28E-01	7.00E-03	4.35E-01	1.16E-01	6.70E-03	1.23E-01	1.75E+03	1.46E-03	2.76E-01	3.58E-02
2035	2.97E-02	2.95E+00	2.19E-01	1.64E-02	4.28E-01	6.50E-03	4.35E-01	1.16E-01	6.22E-03	1.22E-01	1.73E+03	1.38E-03	2.72E-01	3.38E-02
2036	2.83E-02	2.90E+00	2.15E-01	1.62E-02	4.28E-01	6.10E-03	4.34E-01	1.16E-01	5.83E-03	1.22E-01	1.71E+03	1.32E-03	2.69E-01	3.22E-02
2037	2.71E-02	2.86E+00	2.12E-01	1.60E-02	4.28E-01	5.78E-03	4.34E-01	1.16E-01	5.53E-03	1.22E-01	1.69E+03	1.26E-03	2.66E-01	3.09E-02
2038	2.62E-02	2.82E+00	2.10E-01	1.59E-02	4.29E-01	5.51E-03	4.34E-01	1.16E-01	5.27E-03	1.22E-01	1.67E+03	1.21E-03	2.64E-01	2.98E-02
2039	2.53E-02	2.78E+00	2.07E-01	1.57E-02	4.29E-01	5.31E-03	4.34E-01	1.16E-01	5.08E-03	1.21E-01	1.66E+03	1.18E-03	2.61E-01	2.88E-02
2040	2.45E-02	2.74E+00	2.05E-01	1.56E-02	4.29E-01	5.13E-03	4.34E-01	1.16E-01	4.90E-03	1.21E-01	1.65E+03	1.14E-03	2.59E-01	2.79E-02
2041	2.38E-02	2.71E+00	2.03E-01	1.55E-02	4.29E-01	4.96E-03	4.34E-01	1.16E-01	4.75E-03	1.21E-01	1.63E+03	1.11E-03	2.57E-01	2.71E-02
2042	2.31E-02	2.68E+00	2.01E-01	1.54E-02	4.29E-01	4.81E-03	4.34E-01	1.16E-01	4.60E-03	1.21E-01	1.62E+03	1.07E-03	2.56E-01	2.63E-02
2043	2.26E-02	2.65E+00	2.00E-01	1.53E-02	4.29E-01	4.67E-03	4.34E-01	1.16E-01	4.47E-03	1.21E-01	1.61E+03	1.05E-03	2.54E-01	2.57E-02
2044	2.20E-02	2.62E+00	1.98E-01	1.52E-02	4.29E-01	4.54E-03	4.34E-01	1.16E-01	4.34E-03	1.21E-01	1.60E+03	1.02E-03	2.52E-01	2.51E-02
2045	2.17E-02	2.60E+00	1.97E-01	1.51E-02	4.29E-01	4.47E-03	4.34E-01	1.16E-01	4.28E-03	1.21E-01	1.59E+03	1.01E-03	2.51E-01	2.47E-02
2046	2.13E-02	2.58E+00	1.96E-01	1.50E-02	4.29E-01	4.40E-03	4.33E-01	1.16E-01	4.21E-03	1.21E-01	1.58E+03	9.91E-04	2.49E-01	2.43E-02
2047	2.11E-02	2.56E+00	1.95E-01	1.49E-02	4.29E-01	4.34E-03	4.33E-01	1.16E-01	4.15E-03	1.21E-01	1.58E+03	9.78E-04	2.48E-01	2.40E-02
2048	2.08E-02	2.54E+00	1.95E-01	1.48E-02	4.29E-01	4.31E-03	4.33E-01	1.16E-01	4.13E-03	1.21E-01	1.57E+03	9.67E-04	2.47E-01	2.37E-02
2049	2.06E-02	2.53E+00	1.94E-01	1.48E-02	4.29E-01	4.29E-03	4.33E-01	1.16E-01	4.11E-03	1.21E-01	1.56E+03	9.58E-04	2.46E-01	2.35E-02
2050	2.04E-02	2.52E+00	1.93E-01	1.47E-02	4.29E-01	4.27E-03	4.33E-01	1.16E-01	4.09E-03	1.21E-01	1.56E+03	9.48E-04	2.45E-01	2.32E-02

Emission Rate (g/trip)													
ROG	NOX	CO	SOX	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	CO2	CH4	N2O	TOG
1.92E-01	3.34E+00	2.51E+00	5.09E-03	0.00E+00	7.63E-03	7.63E-03	0.00E+00	7.30E-03	7.30E-03	5.37E+02	8.93E-03	8.46E-02	2.19E-01
1.88E-01	4.71E+00	2.63E+00	5.09E-03	0.00E+00	4.39E-03	4.39E-03	0.00E+00	4.20E-03	4.20E-03	5.38E+02	8.74E-03	8.47E-02	2.14E-01
1.87E-01	4.88E+00	2.72E+00	5.06E-03	0.00E+00	3.08E-03	3.08E-03	0.00E+00	2.94E-03	2.94E-03	5.34E+02	8.69E-03	8.42E-02	2.13E-01
1.86E-01	4.77E+00	2.86E+00	4.88E-03	0.00E+00	2.67E-03	2.67E-03	0.00E+00	2.55E-03	2.55E-03	5.16E+02	8.65E-03	8.12E-02	2.12E-01
1.85E-01	4.93E+00	2.85E+00	4.79E-03	0.00E+00	2.36E-03	2.36E-03	0.00E+00	2.26E-03	2.26E-03	5.06E+02	8.58E-03	7.97E-02	2.10E-01
1.84E-01	4.89E+00	2.84E+00	4.70E-03	0.00E+00	2.10E-03	2.10E-03	0.00E+00	2.01E-03	2.01E-03	4.97E+02	8.52E-03	7.82E-02	2.09E-01
1.82E-01	4.83E+00	2.84E+00	4.62E-03	0.00E+00	1.87E-03	1.87E-03	0.00E+00	1.79E-03	1.79E-03	4.88E+02	8.48E-03	7.68E-02	2.08E-01
1.82E-01	4.77E+00	2.84E+00	4.54E-03	0.00E+00	1.69E-03	1.69E-03	0.00E+00	1.62E-03	1.62E-03	4.79E+02	8.44E-03	7.55E-02	2.07E-01
1.81E-01	4.70E+00	2.84E+00	4.46E-03	0.00E+00	1.53E-03	1.53E-03	0.00E+00	1.47E-03	1.47E-03	4.71E+02	8.41E-03	7.42E-02	2.06E-01
1.81E-01	4.62E+00	2.84E+00	4.39E-03	0.00E+00	1.40E-03	1.40E-03	0.00E+00	1.34E-03	1.34E-03	4.64E+02	8.39E-03	7.30E-02	2.06E-01
1.80E-01	4.55E+00	2.84E+00	4.33E-03	0.00E+00	1.29E-03	1.29E-03	0.00E+00	1.23E-03	1.23E-03	4.57E+02	8.38E-03	7.20E-02	2.05E-01
1.80E-01	4.48E+00	2.84E+00	4.27E-03	0.00E+00	1.20E-03	1.20E-03	0.00E+00	1.15E-03	1.15E-03	4.51E+02	8.38E-03	7.11E-02	2.05E-01
1.80E-01	4.43E+00	2.85E+00	4.22E-03	0.00E+00	1.14E-03	1.14E-03	0.00E+00	1.09E-03	1.09E-03	4.46E+02	8.38E-03	7.02E-02	2.05E-01
1.81E-01	4.38E+00	2.86E+00	4.18E-03	0.00E+00	1.08E-03	1.08E-03	0.00E+00	1.04E-03	1.04E-03	4.41E+02	8.39E-03	6.95E-02	2.06E-01
1.81E-01	4.33E+00	2.86E+00	4.14E-03	0.00E+00	1.04E-03	1.04E-03	0.00E+00	9.96E-04	9.96E-04	4.37E+02	8.40E-03	6.89E-02	2.06E-01
1.81E-01	4.29E+00	2.87E+00	4.11E-03	0.00E+00	1.00E-03	1.00E-03	0.00E+00	9.61E-04	9.61E-04	4.34E+02	8.42E-03	6.84E-02	2.06E-01
1.82E-01	4.25E+00	2.88E+00	4.08E-03	0.00E+00	9.78E-04	9.78E-04	0.00E+00	9.36E-04	9.36E-04	4.31E+02	8.44E-03	6.79E-02	2.07E-01
1.82E-01	4.22E+00	2.89E+00	4.06E-03	0.00E+00	9.57E-04	9.57E-04	0.00E+00	9.16E-04	9.16E-04	4.29E+02	8.46E-03	6.76E-02	2.07E-01
1.83E-01	4.18E+00	2.90E+00	4.05E-03	0.00E+00	9.41E-04	9.41E-04	0.00E+00	9.00E-04	9.00E-04	4.27E+02	8.49E-03	6.73E-02	2.08E-01
1.83E-01	4.15E+00	2.91E+00	4.03E-03	0.00E+00	9.29E-04	9.29E-04	0.00E+00	8.89E-04	8.89E-04	4.26E+02	8.51E-03	6.71E-02	2.09E-01
1.84E-01	4.11E+00	2.92E+00	4.03E-03	0.00E+00	9.18E-04	9.18E-04	0.00E+00	8.78E-04	8.78E-04	4.25E+02	8.54E-03	6.70E-02	2.09E-01
1.85E-01	4.08E+00	2.93E+00	4.02E-03	0.00E+00	9.09E-04	9.09E-04	0.00E+00	8.70E-04	8.70E-04	4.24E+02	8.57E-03	6.69E-02	2.10E-01
1.85E-01	4.06E+00	2.94E+00	4.01E-03	0.00E+00	9.01E-04	9.01E-04	0.00E+00	8.62E-04	8.62E-04	4.24E+02	8.60E-03	6.68E-02	2.11E-01
1.86E-01	4.03E+00	2.95E+00	4.01E-03	0.00E+00	8.97E-04	8.97E-04	0.00E+00	8.58E-04	8.58E-04	4.23E+02	8.63E-03	6.67E-02	2.12E-01
1.86E-01	4.01E+00	2.96E+00	4.01E-03	0.00E+00	8.91E-04	8.91E-04	0.00E+00	8.53E-04	8.53E-04	4.23E+02	8.66E-03	6.67E-02	2.12E-01
1.87E-01	3.99E+00	2.97E+00	4.00E-03	0.00E+00	8.89E-04	8.89E-04	0.00E+00	8.51E-04	8.51E-04	4.23E+02	8.69E-03	6.66E-02	2.13E-01
1.88E-01	3.97E+00	2.98E+00	4.00E-03	0.00E+00	8.87E-04	8.87E-04	0.00E+00	8.49E-04	8.49E-04	4.23E+02	8.71E-03	6.66E-02	2.14E-01
1.88E-01	3.95E+00	2.98E+00	4.00E-03	0.00E+00	8.86E-04	8.86E-04	0.00E+00	8.47E-04	8.47E-04	4.23E+02	8.74E-03	6.66E-02	2.14E-01
1.89E-01	3.94E+00	2.99E+00	4.00E-03	0.00E+00	8.85E-04	8.85E-04	0.00E+00	8.47E-04	8.47E-04	4.23E+02	8.76E-03	6.66E-02	2.15E-01
1.89E-01	3.93E+00	3.00E+00	4.00E-03	0.00E+00	8.85E-04	8.85E-04	0.00E+00	8.47E-04	8.47E-04	4.23E+02	8.78E-03	6.66E-02	2.15E-01
1.89E-01	3.92E+00	3.00E+00	4.00E-03	0.00E+00	8.85E-04	8.85E-04	0.00E+00	8.47E-04	8.47E-04	4.23E+02	8.80E-03	6.66E-02	2.16E-01

	Emission Rate (g/mi)													
Year	ROG	NOX	CO	SOX	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	CO2	CH4	N2O	TOG
2020	3.20E-01	8.30E+00	1.01E+00	2.70E-02	4.87E-01	4.25E-02	5.29E-01	1.35E-01	4.06E-02	1.76E-01	2.85E+03	1.49E-02	4.49E-01	3.64E-01
2021	2.12E-01	7.49E+00	7.91E-01	2.64E-02	4.84E-01	2.61E-02	5.10E-01	1.35E-01	2.50E-02	1.60E-01	2.79E+03	9.85E-03	4.39E-01	2.41E-01
2022	1.46E-01	6.91E+00	6.51E-01	2.57E-02	4.82E-01	1.85E-02	5.01E-01	1.34E-01	1.77E-02	1.52E-01	2.72E+03	6.77E-03	4.28E-01	1.66E-01
2023	6.03E-02	6.16E+00	4.28E-01	2.49E-02	4.80E-01	1.42E-02	4.94E-01	1.33E-01	1.36E-02	1.47E-01	2.63E+03	2.80E-03	4.14E-01	6.86E-02
2024	5.77E-02	6.00E+00	4.13E-01	2.43E-02	4.79E-01	1.36E-02	4.93E-01	1.33E-01	1.30E-02	1.46E-01	2.57E+03	2.68E-03	4.05E-01	6.57E-02
2025	5.53E-02	5.84E+00	3.98E-01	2.37E-02	4.79E-01	1.30E-02	4.92E-01	1.33E-01	1.25E-02	1.45E-01	2.51E+03	2.57E-03	3.95E-01	6.29E-02
2026	5.29E-02	5.68E+00	3.84E-01	2.32E-02	4.79E-01	1.25E-02	4.91E-01	1.33E-01	1.19E-02	1.45E-01	2.45E+03	2.46E-03	3.86E-01	6.02E-02
2027	5.06E-02	5.53E+00	3.71E-01	2.26E-02	4.79E-01	1.20E-02	4.91E-01	1.33E-01	1.14E-02	1.44E-01	2.39E+03	2.35E-03	3.76E-01	5.76E-02
2028	4.83E-02	5.39E+00	3.59E-01	2.21E-02	4.79E-01	1.14E-02	4.91E-01	1.33E-01	1.09E-02	1.44E-01	2.33E+03	2.25E-03	3.67E-01	5.50E-02
2029	4.62E-02	5.25E+00	3.47E-01	2.15E-02	4.80E-01	1.08E-02	4.91E-01	1.33E-01	1.04E-02	1.43E-01	2.27E+03	2.15E-03	3.58E-01	5.26E-02
2030	4.42E-02	5.14E+00	3.38E-01	2.10E-02	4.80E-01	1.03E-02	4.91E-01	1.33E-01	9.81E-03	1.43E-01	2.22E+03	2.05E-03	3.49E-01	5.03E-02
2031	4.23E-02	5.04E+00	3.30E-01	2.05E-02	4.81E-01	9.73E-03	4.91E-01	1.33E-01	9.31E-03	1.43E-01	2.17E+03	1.96E-03	3.41E-01	4.82E-02
2032	4.06E-02	4.95E+00	3.23E-01	2.01E-02	4.81E-01	9.24E-03	4.91E-01	1.34E-01	8.84E-03	1.42E-01	2.12E+03	1.88E-03	3.34E-01	4.62E-02
2033	3.88E-02	4.87E+00	3.18E-01	1.96E-02	4.82E-01	8.74E-03	4.91E-01	1.34E-01	8.37E-03	1.42E-01	2.07E+03	1.80E-03	3.27E-01	4.42E-02
2034	3.73E-02	4.80E+00	3.13E-01	1.93E-02	4.82E-01	8.32E-03	4.91E-01	1.34E-01	7.96E-03	1.42E-01	2.03E+03	1.73E-03	3.20E-01	4.24E-02
2035	3.59E-02	4.74E+00	3.10E-01	1.89E-02	4.83E-01	7.97E-03	4.91E-01	1.34E-01	7.62E-03	1.42E-01	2.00E+03	1.67E-03	3.15E-01	4.09E-02
2036	3.47E-02	4.69E+00	3.07E-01	1.86E-02	4.83E-01	7.68E-03	4.91E-01	1.34E-01	7.35E-03	1.42E-01	1.97E+03	1.61E-03	3.10E-01	3.95E-02
2037	3.37E-02	4.64E+00	3.04E-01	1.84E-02	4.84E-01	7.46E-03	4.91E-01	1.34E-01	7.14E-03	1.42E-01	1.94E+03	1.56E-03	3.06E-01	3.83E-02
2038	3.28E-02	4.59E+00	3.02E-01	1.81E-02	4.84E-01	7.29E-03	4.91E-01	1.34E-01	6.97E-03	1.41E-01	1.92E+03	1.52E-03	3.02E-01	3.74E-02
2039	3.20E-02	4.55E+00	3.00E-01	1.79E-02	4.84E-01	7.16E-03	4.91E-01	1.35E-01	6.85E-03	1.41E-01	1.89E+03	1.49E-03	2.99E-01	3.65E-02
2040	3.14E-02	4.52E+00	2.98E-01	1.78E-02	4.84E-01	7.03E-03	4.91E-01	1.35E-01	6.73E-03	1.41E-01	1.88E+03	1.46E-03	2.96E-01	3.57E-02
2041	3.07E-02	4.48E+00	2.96E-01	1.76E-02	4.85E-01	6.91E-03	4.91E-01	1.35E-01	6.62E-03	1.41E-01	1.86E+03	1.43E-03	2.93E-01	3.50E-02
2042	3.02E-02	4.45E+00	2.95E-01	1.75E-02	4.85E-01	6.81E-03	4.91E-01	1.35E-01	6.51E-03	1.41E-01	1.84E+03	1.40E-03	2.90E-01	3.44E-02
2043	2.97E-02	4.42E+00	2.94E-01	1.73E-02	4.85E-01	6.70E-03	4.91E-01	1.35E-01	6.41E-03	1.41E-01	1.83E+03	1.38E-03	2.88E-01	3.38E-02
2044	2.93E-02	4.39E+00	2.93E-01	1.72E-02	4.85E-01	6.60E-03	4.91E-01	1.35E-01	6.32E-03	1.41E-01	1.82E+03	1.36E-03	2.86E-01	3.33E-02
2045	2.88E-02	4.36E+00	2.92E-01	1.71E-02	4.85E-01	6.51E-03	4.91E-01	1.35E-01	6.23E-03	1.41E-01	1.80E+03	1.34E-03	2.84E-01	3.28E-02
2046	2.84E-02	4.34E+00	2.92E-01	1.70E-02	4.85E-01	6.41E-03	4.91E-01	1.35E-01	6.14E-03	1.41E-01	1.79E+03	1.32E-03	2.82E-01	3.23E-02
2047	2.80E-02	4.32E+00	2.91E-01	1.69E-02	4.85E-01	6.34E-03	4.91E-01	1.35E-01	6.07E-03	1.41E-01	1.78E+03	1.30E-03	2.81E-01	3.19E-02
2048	2.78E-02	4.30E+00	2.91E-01	1.68E-02	4.85E-01	6.31E-03	4.91E-01	1.35E-01	6.04E-03	1.41E-01	1.77E+03	1.29E-03	2.79E-01	3.16E-02
2049	2.75E-02	4.29E+00	2.90E-01	1.67E-02	4.85E-01	6.29E-03	4.91E-01	1.35E-01	6.02E-03	1.41E-01	1.76E+03	1.28E-03	2.78E-01	3.14E-02
2050	2.73E-02	4.28E+00	2.90E-01	1.66E-02	4.85E-01	6.27E-03	4.91E-01	1.35E-01	6.00E-03	1.41E-01	1.76E+03	1.27E-03	2.77E-01	3.11E-02

Emission Rate (g/trip)													
ROG	NOX	CO	SOX	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	CO2	CH4	N2O	TOG
3.51E-01	4.84E+00	4.41E+00	8.24E-03	0.00E+00	7.23E-03	7.23E-03	0.00E+00	6.92E-03	6.92E-03	8.71E+02	1.63E-02	1.37E-01	3.99E-01
3.51E-01	6.87E+00	4.66E+00	8.30E-03	0.00E+00	4.49E-03	4.49E-03	0.00E+00	4.30E-03	4.30E-03	8.77E+02	1.63E-02	1.38E-01	3.99E-01
3.50E-01	7.02E+00	4.83E+00	8.26E-03	0.00E+00	2.59E-03	2.59E-03	0.00E+00	2.48E-03	2.48E-03	8.72E+02	1.63E-02	1.37E-01	3.99E-01
3.51E-01	6.90E+00	5.08E+00	7.96E-03	0.00E+00	2.38E-03	2.38E-03	0.00E+00	2.27E-03	2.27E-03	8.40E+02	1.63E-02	1.32E-01	3.99E-01
3.49E-01	7.12E+00	5.07E+00	7.79E-03	0.00E+00	2.25E-03	2.25E-03	0.00E+00	2.16E-03	2.16E-03	8.22E+02	1.62E-02	1.30E-01	3.97E-01
3.48E-01	7.08E+00	5.06E+00	7.63E-03	0.00E+00	2.16E-03	2.16E-03	0.00E+00	2.06E-03	2.06E-03	8.05E+02	1.61E-02	1.27E-01	3.96E-01
3.46E-01	7.01E+00	5.05E+00	7.47E-03	0.00E+00	2.06E-03	2.06E-03	0.00E+00	1.97E-03	1.97E-03	7.89E+02	1.61E-02	1.24E-01	3.94E-01
3.46E-01	6.94E+00	5.05E+00	7.33E-03	0.00E+00	1.99E-03	1.99E-03	0.00E+00	1.90E-03	1.90E-03	7.74E+02	1.61E-02	1.22E-01	3.93E-01
3.45E-01	6.85E+00	5.05E+00	7.19E-03	0.00E+00	1.91E-03	1.91E-03	0.00E+00	1.83E-03	1.83E-03	7.59E+02	1.60E-02	1.20E-01	3.93E-01
3.45E-01	6.76E+00	5.05E+00	7.06E-03	0.00E+00	1.84E-03	1.84E-03	0.00E+00	1.76E-03	1.76E-03	7.46E+02	1.60E-02	1.18E-01	3.92E-01
3.45E-01	6.68E+00	5.05E+00	6.95E-03	0.00E+00	1.77E-03	1.77E-03	0.00E+00	1.70E-03	1.70E-03	7.34E+02	1.60E-02	1.16E-01	3.92E-01
3.45E-01	6.61E+00	5.06E+00	6.85E-03	0.00E+00	1.72E-03	1.72E-03	0.00E+00	1.65E-03	1.65E-03	7.24E+02	1.60E-02	1.14E-01	3.92E-01
3.45E-01	6.56E+00	5.07E+00	6.76E-03	0.00E+00	1.68E-03	1.68E-03	0.00E+00	1.61E-03	1.61E-03	7.14E+02	1.60E-02	1.13E-01	3.93E-01
3.46E-01	6.51E+00	5.08E+00	6.69E-03	0.00E+00	1.65E-03	1.65E-03	0.00E+00	1.58E-03	1.58E-03	7.07E+02	1.60E-02	1.11E-01	3.93E-01
3.46E-01	6.46E+00	5.09E+00	6.63E-03	0.00E+00	1.62E-03	1.62E-03	0.00E+00	1.55E-03	1.55E-03	7.00E+02	1.61E-02	1.10E-01	3.94E-01
3.47E-01	6.43E+00	5.11E+00	6.58E-03	0.00E+00	1.60E-03	1.60E-03	0.00E+00	1.53E-03	1.53E-03	6.95E+02	1.61E-02	1.09E-01	3.95E-01
3.48E-01	6.39E+00	5.13E+00	6.54E-03	0.00E+00	1.59E-03	1.59E-03	0.00E+00	1.52E-03	1.52E-03	6.90E+02	1.62E-02	1.09E-01	3.96E-01
3.49E-01	6.36E+00	5.14E+00	6.51E-03	0.00E+00	1.57E-03	1.57E-03	0.00E+00	1.51E-03	1.51E-03	6.87E+02	1.62E-02	1.08E-01	3.97E-01
3.50E-01	6.32E+00	5.16E+00	6.49E-03	0.00E+00	1.57E-03	1.57E-03	0.00E+00	1.50E-03	1.50E-03	6.85E+02	1.63E-02	1.08E-01	3.99E-01
3.51E-01	6.30E+00	5.18E+00	6.48E-03	0.00E+00	1.56E-03	1.56E-03	0.00E+00	1.49E-03	1.49E-03	6.84E+02	1.63E-02	1.08E-01	4.00E-01
3.53E-01	6.27E+00	5.20E+00	6.47E-03	0.00E+00	1.56E-03	1.56E-03	0.00E+00	1.49E-03	1.49E-03	6.83E+02	1.64E-02	1.08E-01	4.01E-01
3.54E-01	6.25E+00	5.22E+00	6.47E-03	0.00E+00	1.55E-03	1.55E-03	0.00E+00	1.49E-03	1.49E-03	6.83E+02	1.64E-02	1.08E-01	4.03E-01
3.55E-01	6.23E+00	5.24E+00	6.47E-03	0.00E+00	1.55E-03	1.55E-03	0.00E+00	1.49E-03	1.49E-03	6.83E+02	1.65E-02	1.08E-01	4.04E-01
3.57E-01	6.21E+00	5.26E+00	6.47E-03	0.00E+00	1.55E-03	1.55E-03	0.00E+00	1.48E-03	1.48E-03	6.83E+02	1.66E-02	1.08E-01	4.06E-01
3.58E-01	6.20E+00	5.28E+00	6.48E-03	0.00E+00	1.55E-03	1.55E-03	0.00E+00	1.48E-03	1.48E-03	6.84E+02	1.66E-02	1.08E-01	4.07E-01
3.59E-01	6.19E+00	5.30E+00	6.48E-03	0.00E+00	1.55E-03	1.55E-03	0.00E+00	1.48E-03	1.48E-03	6.84E+02	1.67E-02	1.08E-01	4.09E-01
3.60E-01	6.18E+00	5.32E+00	6.49E-03	0.00E+00	1.55E-03	1.55E-03	0.00E+00	1.48E-03	1.48E-03	6.85E+02	1.67E-02	1.08E-01	4.10E-01
3.61E-01	6.17E+00	5.33E+00	6.50E-03	0.00E+00	1.55E-03	1.55E-03	0.00E+00	1.48E-03	1.48E-03	6.86E+02	1.68E-02	1.08E-01	4.11E-01
3.62E-01	6.16E+00	5.35E+00	6.50E-03	0.00E+00	1.55E-03	1.55E-03	0.00E+00	1.48E-03	1.48E-03	6.87E+02	1.68E-02	1.08E-01	4.12E-01
3.63E-01	6.16E+00	5.36E+00	6.51E-03	0.00E+00	1.55E-03	1.55E-03	0.00E+00	1.48E-03	1.48E-03	6.88E+02	1.69E-02	1.08E-01	4.13E-01
3.64E-01	6.16E+00	5.37E+00	6.52E-03	0.00E+00	1.55E-03	1.55E-03	0.00E+00	1.49E-03	1.49E-03	6.88E+02	1.69E-02	1.08E-01	4.14E-01

Road Dust Emission Factors

Daily Paved Road Dust EF[1]

$$E_{ext} = [\, k\,(sL)^{0.91} \times (W)^{1.02} \,]$$

EF_{paved}	Annual or other long-term average emission factor in the same units as k
k	particle size multiplier for particle size range and units of interest
sL	road surface silt loading (g/m^2)
W	average weight (tons) of all the vehicles raveling the road (2.4 tons)
P	Number of "wet' days with at least 0.254 (0.01 in) of precipitation during the averaging period
N	Number of days in the averaging period (e.g. 365 for annual, 91 for seasonal, 30 for monthly)

Parameters	**PM10**	**PM2.5**
k $(g/VMT)^2$	0.997898	0.244939
sL (g/m^2)	0.1	0.1
W (tons)	2.4	2.4
EF (g/mi)	3.00E-01	7.36E-02

1) CalEEMod User's Guide, Appendix A, p. 29
2) AP42: Chapter 13: Miscellaneous Sources, 13.2.1 Paved Roads, Table 13.2.1-1

[redacted]

Daily Unpaved Road Dust EF[1]

$$E.F._{\text{dust},i} = \left(\frac{k(s/12)^1 (S/30)^{0.5}}{(M/0.5)^{0.2}} - C \right)$$

k	particle size multiplier for particle size range and units of interest
s	surface material silt content (%)
M	surface material moisture content (%)
S	mean vehicle speed (mph)
C	emission factor for 1980s vehicle fleet exhaust, brakewear and tire wear

Parameters	**PM10**	**PM2.5**
k $(g/VMT)^2$	816.462	81.6462
s[3]	8.5	8.5
M	0.5	0.5
S	10	10
C	0.213187	0.163292
EF (g/mi)	333.6842	33.22645

1) CalEEMod User's Guide, Appendix A, p. 29
2) AP42: Chapter 13: Miscellaneous Sources, 13.2.2 Unpaved Roads, Table 13.2.2-2
3) AP42: Chapter 13: Miscellaneous Sources, 13.2.2 Unpaved Roads, Table 13.2.2-1, "Construction sites"

410 Airport Way - Mitigated
HRA Summary
Construction Only - Cancer Risk, Chronic Risk, and Exhaust PM2.5

Receptor Type	Cancer Risk[1]	Chronic HI[1]	Annual $PM_{2.5}$ (ug/m^3)
Resident[2]	8.16	0.007	0.06
Worker	2.78	0.033	0.28
BAAQMD Threshold	10	1.0	0.30
Exceeds Threshold?	**No**	**No**	**No**

Notes:

1. The cancer risk and Chronic HI were calculated using PM10 Exhaust emissions, a surrogated for DPM.
2. Conservatively assumed that the nearby hotel uses are residential. There are no residential uses within 1,000 feet of the Project site.
3. Mitigation assumes watering 3x a day, instead of 2x, as required by the BAAQMD BMPs.

Cancer Risk

Workdays/week 5 <-Update for each project

Days per Age Bin	3rd Tri	0<2	2<16	0<2 Total Days	0<2 Duration (years)	Total Duration
Start Date:	1/31/2025	5/2/2025	5/3/2027			
End Date:	5/1/2025	5/2/2027	6/16/2028			
Total Workdays	**65**	**521**	**295**	730	2.00	3.38

DPM Emissions

Offroad Heavy Duty Equipment Exhaust					**DPM**		**Days per Age Group**			**Weighted Emission Rate (g/s)**		
Phase Name	**Start**	**End**	**Workdays**	**Daily Usage (hours/day)**	**Daily Exhaust PM10 (lb/day)**	**Daily Emission Rate (g/s)**	**3rd Tri**	**0<2**	**2<16**	**3rd Tri**	**0<2**	**2<16**
Phase 0b - Stockpile soil	1/31/2025	3/15/2025	31	8	0.380	0.00598	31	0	0	2.85E-03	0.00E+00	0.00E+00
Phase 1a - Demolition/Site Preparation	3/15/2025	6/15/2025	65	8	1.100	0.01732	34	31	0	9.06E-03	1.03E-03	0.00E+00
Phase 1b - Grading/Excavation	6/15/2025	10/31/2025	100	8	1.650	0.02599	0	100	0	0.00E+00	4.99E-03	0.00E+00
Phase 1c - Trenching/Utilities	11/1/2025	12/14/2025	30	8	0.320	0.00504	0	30	0	0.00E+00	2.90E-04	0.00E+00
Phase 1d - Specialty - Water Access Ramp - 2025	12/15/2025	12/31/2025	13	8	0.660	0.01039	0	13	0	0.00E+00	2.59E-04	0.00E+00
Phase 1d - Specialty - Water Access Ramp - 2026	1/1/2026	2/9/2026	28	8	0.590	0.00929	0	28	0	0.00E+00	4.99E-04	0.00E+00
Phase 2a - Grading/Excavation	2/10/2026	5/4/2026	60	8	1.360	0.02142	0	60	0	0.00E+00	2.47E-03	0.00E+00
Phase 2b - Site - Piled Foundations	5/5/2026	6/15/2026	30	8	0.200	0.00315	0	30	0	0.00E+00	1.81E-04	0.00E+00
Phase 2c - Building - Foundation	6/16/2026	7/27/2026	30	8	0.170	0.00268	0	30	0	0.00E+00	1.54E-04	0.00E+00
Phase 2d - Paving and Sidewalks	7/28/2026	11/30/2026	90	8	0.280	0.00441	0	90	0	0.00E+00	7.62E-04	0.00E+00
Phase 2e - Site - Electrical and Lighting	12/1/2026	12/31/2026	23	8	0.070	0.00110	0	23	0	0.00E+00	4.87E-05	0.00E+00
Phase 2e - Site - Electrical and Lighting	1/1/2027	2/22/2027	37	8	0.070	0.00110	0	37	0	0.00E+00	7.83E-05	0.00E+00
Phase 2f - Site - Landscaping	2/23/2027	6/10/2027	78	8	0.140	0.00220	0	49	29	0.00E+00	2.07E-04	2.17E-04
Phase 3a - Demolition	6/11/2027	7/1/2027	15	8	0.460	0.00724	0	0	15	0.00E+00	0.00E+00	3.68E-04
Phase 3c - Building - Exterior	8/2/2027	12/31/2027	110	8	0.300	0.00472	0	0	110	0.00E+00	0.00E+00	1.76E-03
Phase 3c - Building - Exterior	1/1/2028	6/16/2028	120	8	0.260	0.00409	0	0	120	0.00E+00	0.00E+00	1.67E-03
Phase 3b - Paving	7/2/2027	9/2/2027	45	8	0.190	0.00299	0	0	45	0.00E+00	0.00E+00	4.56E-04
Phase 3d - Building - Interior / Architectural	3/25/2028	6/16/2028	60	8	0.080	0.00126	0	0	60	0.00E+00	0.00E+00	2.56E-04
									OFFROAD	1.19E-02	1.10E-02	4.73E-03

Vendor/Haul Trucks Exhaust - Onroad					DPM		Days per Age Group			Weighted Emission Rate (g/s)		
Phase Name	Start	End	Workdays	Daily Usage (hours/day)	Daily Exhaust PM10 (lb/day)	Daily Emission Rate (g/s)	3rd Tri	0<2	2<16	3rd Tri	0<2	2<16
Phase 0b - Stockpile soil	1/31/2025	3/15/2025	31	8	5.17E-04	0.000008	31	0	0	3.89E-06	0.00E+00	0.00E+00
Phase 1a - Demolition/Site Preparation	3/15/2025	6/15/2025	65	8	2.85E-04	0.000004	34	31	0	2.35E-06	2.68E-07	0.00E+00
Phase 1b - Grading/Excavation	6/15/2025	10/31/2025	100	8	8.48E-04	0.000013	0	100	0	0.00E+00	2.56E-06	0.00E+00
Phase 1c - Trenching/Utilities	11/1/2025	12/14/2025	30	8	2.52E-04	0.000004	0	30	0	0.00E+00	2.29E-07	0.00E+00
Phase 1d - Specialty - Water Access Ramp - 2025	12/15/2025	12/31/2025	13	8	1.86E-04	0.000003	0	13	0	0.00E+00	7.32E-08	0.00E+00
Phase 1d - Specialty - Water Access Ramp - 2026	1/1/2026	2/9/2026	28	8	1.64E-04	0.000003	0	28	0	0.00E+00	1.39E-07	0.00E+00
Phase 2a - Grading/Excavation	2/10/2026	5/4/2026	60	8	7.97E-04	0.000013	0	60	0	0.00E+00	1.45E-06	0.00E+00
Phase 2b - Site - Piled Foundations	5/5/2026	6/15/2026	30	8	9.00E-04	0.000014	0	30	0	0.00E+00	8.16E-07	0.00E+00
Phase 2c - Building - Foundation	6/16/2026	7/27/2026	30	8	1.06E-03	0.000017	0	30	0	0.00E+00	9.65E-07	0.00E+00
Phase 2d - Paving and Sidewalks	7/28/2026	11/30/2026	90	8	1.01E-03	0.000016	0	90	0	0.00E+00	2.76E-06	0.00E+00
Phase 2e - Site - Electrical and Lighting	12/1/2026	12/31/2026	23	8	1.64E-04	0.000003	0	23	0	0.00E+00	1.14E-07	0.00E+00
Phase 2e - Site - Electrical and Lighting	1/1/2027	2/22/2027	37	8	1.45E-04	0.000002	0	37	0	0.00E+00	1.62E-07	0.00E+00
Phase 2f - Site - Landscaping	2/23/2027	6/10/2027	78	8	1.81E-04	0.000003	0	49	29	0.00E+00	2.68E-07	2.80E-07
Phase 3a - Demolition	6/11/2027	7/1/2027	15	8	2.36E-04	0.000004	0	0	15	0.00E+00	0.00E+00	1.89E-07
Phase 3c - Building - Exterior	8/2/2027	12/31/2027	110	8	1.01E-03	0.000016	0	0	110	0.00E+00	0.00E+00	5.95E-06
Phase 3c - Building - Exterior	1/1/2028	6/16/2028	120	8	7.71E-04	0.000012	0	0	120	0.00E+00	0.00E+00	4.94E-06
Phase 3b - Paving	7/2/2027	9/2/2027	45	8	8.69E-04	0.000014	0	0	45	0.00E+00	0.00E+00	2.09E-06
Phase 3d - Building - Interior / Architectural	3/25/2028	6/16/2028	60	8	1.29E-04	0.000002	0	0	60	0.00E+00	0.00E+00	4.12E-07
									ONROAD	6.24E-06	9.80E-06	1.39E-05

Workdays/week 5 <-Update for each project

Days per Age Bin	2<16 and 16<40		2<16 and 16<40	Duration (years)
Start Date:	1/31/2025			
End Date:	6/16/2028			
Total Workdays	**881**	**0**	1232	3.38

Cancer Risk - School/Workers

DPM Emissions

Offroad Heavy Duty Equipment Exhaust

Phase Name	Start	End	Workdays	Daily Usage (hours/day)	DPM Daily Exhaust PM10 (lb/day)	DPM Daily Emission Rate (g/s)	Days per Age Group 2<16 and 16<40	Weighted Emission Rate 2<16 and 16<40
Phase 0b - Stockpile soil	1/31/2025	3/15/2025	31	8	0.380	0.00598	31	2.11E-04
Phase 1a - Demolition/Site Preparation	3/15/2025	6/15/2025	65	8	1.100	0.01732	65	1.28E-03
Phase 1b - Grading/Excavation	6/15/2025	10/31/2025	100	8	1.650	0.02599	100	2.95E-03
Phase 1c - Trenching/Utilities	11/1/2025	12/14/2025	30	8	0.320	0.00504	30	1.72E-04
Phase 1d - Specialty - Water Access Ramp - 2025	12/15/2025	12/31/2025	13	8	0.660	0.01039	13	1.53E-04
Phase 1d - Specialty - Water Access Ramp - 2026	1/1/2026	2/9/2026	28	8	0.590	0.00929	28	2.95E-04
Phase 2a - Grading/Excavation	2/10/2026	5/4/2026	60	8	1.360	0.02142	60	1.46E-03
Phase 2b - Site - Piled Foundations	5/5/2026	6/15/2026	30	8	0.200	0.00315	30	1.07E-04
Phase 2c - Building - Foundation	6/16/2026	7/27/2026	30	8	0.170	0.00268	30	9.12E-05
Phase 2d - Paving and Sidewalks	7/28/2026	11/30/2026	90	8	0.280	0.00441	90	4.51E-04
Phase 2e - Site - Electrical and Lighting	12/1/2026	12/31/2026	23	8	0.070	0.00110	23	2.88E-05
Phase 2e - Site - Electrical and Lighting	1/1/2027	2/22/2027	37	8	0.070	0.00110	37	4.63E-05
Phase 2f - Site - Landscaping	2/23/2027	6/10/2027	78	8	0.140	0.00220	78	1.95E-04
Phase 3a - Demolition	6/11/2027	7/1/2027	15	8	0.470	0.00740	15	1.26E-04
Phase 3c - Building - Exterior	8/2/2027	12/31/2027	110	8	0.190	0.00299	110	3.74E-04
Phase 3c - Building - Exterior	1/1/2028	6/16/2028	120	8	0.250	0.00394	120	5.36E-04
Phase 3b - Paving	7/2/2027	9/2/2027	45	8	0.220	0.00346	45	1.77E-04
Phase 3d - Building - Interior / Architectural	3/25/2028	6/16/2028	60	8	0.080	0.00126	60	8.58E-05
							OFFROAD	8.74E-03

Vendor/Haul Trucks Exhaust - Onroad					DPM		Days per Age Group	Weighted Emission Rate
Phase Name	Start	End	Workdays	Daily Usage (hours/day)	Daily Exhaust PM10 (lb/day)	Daily Emission Rate (g/s)	2<16 and 16<40	2<16 and 16<40
Phase 0b - Stockpile soil	1/31/2025	3/15/2025	31	8	5.173E-04	0.000008	31	2.87E-07
Phase 1a - Demolition/Site Preparation	3/15/2025	6/15/2025	65	8	2.855E-04	0.000004	65	3.32E-07
Phase 1b - Grading/Excavation	6/15/2025	10/31/2025	100	8	8.484E-04	0.000013	65	9.86E-07
Phase 1c - Trenching/Utilities	11/1/2025	12/14/2025	30	8	2.524E-04	0.000004	100	4.51E-07
Phase 1d - Specialty - Water Access Ramp - 2025	12/15/2025	12/31/2025	13	8	1.862E-04	0.000003	30	9.98E-08
Phase 1d - Specialty - Water Access Ramp - 2026	1/1/2026	2/9/2026	28	8	1.637E-04	0.000003	13	3.80E-08
Phase 2a - Grading/Excavation	2/10/2026	5/4/2026	60	8	7.974E-04	0.000013	28	3.99E-07
Phase 2b - Site - Piled Foundations	5/5/2026	6/15/2026	30	8	9.002E-04	0.000014	60	9.66E-07
Phase 2c - Building - Foundation	6/16/2026	7/27/2026	30	8	1.064E-03	0.000017	30	5.71E-07
Phase 2d - Paving and Sidewalks	7/28/2026	11/30/2026	90	8	1.014E-03	0.000016	30	5.44E-07
Phase 2e - Site - Electrical and Lighting	12/1/2026	12/31/2026	23	8	1.637E-04	0.000003	90	2.63E-07
Phase 2e - Site - Electrical and Lighting	1/1/2027	2/22/2027	37	8	1.448E-04	0.000002	23	5.95E-08
Phase 2f - Site - Landscaping	2/23/2027	6/10/2027	78	8	1.810E-04	0.000003	37	1.20E-07
Phase 3a - Demolition	6/11/2027	7/1/2027	15	8	2.360E-04	0.000004	78	3.29E-07
Phase 3c - Building - Exterior	8/2/2027	12/31/2027	110	8	1.013E-03	0.000016	15	2.72E-07
Phase 3c - Building - Exterior	1/1/2028	6/16/2028	120	8	7.712E-04	0.000012	110	1.52E-06
Phase 3b - Paving	7/2/2027	9/2/2027	45	8	8.687E-04	0.000014	120	1.86E-06
Phase 3d - Building - Interior / Architectural	3/25/2028	6/16/2028	60	8	1.285E-04	0.000002	45	1.03E-07
							ONROAD	9.20E-06

Workdays/week	5	

Days per Age Bin	Year 1	Year 2	Year 3	Year 4
Start Date:	1/31/2025	2/1/2026	2/2/2027	2/3/2028
End Date:	1/31/2026	2/1/2027	2/2/2028	6/16/2028
Total Workdays	**261**	**261**	**262**	**97**

Chronic Risk (Non-Cancer)

Offroad Heavy Duty Equipment Exhaust

						PM10		Days per CSTN Year				Weighted Emission Rate (g/s)			
	Phase Name	Start	End	Workdays	Daily Usage (hours/day)	Daily Exhaust PM10 (lb/day)	Daily Emission Rate (g/s)	Year 1	Year 2	Year 3	Year 4	Year 1	Year 2	Year 3	Year 4
EXHAUST	Phase 0b - Stockpile soil	1/31/2025	3/15/2025	31	8	0.38	5.98E-03	31	0	0	0	2.06E-03	0.00E+00	0.00E+00	0.00E+00
	Phase 1a - Demolition/Site Preparatior	3/15/2025	6/15/2025	65	8	1.10	1.73E-02	65	0	0	0	4.31E-03	0.00E+00	0.00E+00	0.00E+00
	Phase 1b - Grading/Excavation	6/15/2025	10/31/2025	100	8	1.65	2.60E-02	100	0	0	0	9.96E-03	0.00E+00	0.00E+00	0.00E+00
	Phase 1c - Trenching/Utilities	11/1/2025	12/14/2025	30	8	0.32	5.04E-03	30	0	0	0	5.79E-04	0.00E+00	0.00E+00	0.00E+00
	Phase 1d - Specialty - Water Access Ra	12/15/2025	12/31/2025	13	8	0.66	1.04E-02	13	0	0	0	5.18E-04	0.00E+00	0.00E+00	0.00E+00
	Phase 1d - Specialty - Water Access Ra	1/1/2026	2/9/2026	28	8	0.59	9.29E-03	22	6	0	0	7.83E-04	2.14E-04	0.00E+00	0.00E+00
	Phase 2a - Grading/Excavation	2/10/2026	5/4/2026	60	8	1.10	1.73E-02	0	60	0	0	0.00E+00	3.98E-03	0.00E+00	0.00E+00
	Phase 2b - Site - Piled Foundations	5/5/2026	6/15/2026	30	8	1.65	2.60E-02	0	30	0	0	0.00E+00	2.99E-03	0.00E+00	0.00E+00
	Phase 2c - Building - Foundation	6/16/2026	7/27/2026	30	8	0.32	5.04E-03	0	30	0	0	0.00E+00	5.79E-04	0.00E+00	0.00E+00
	Phase 2d - Paving and Sidewalks	7/28/2026	11/30/2026	90	8	0.66	1.04E-02	0	90	0	0	0.00E+00	3.58E-03	0.00E+00	0.00E+00
	Phase 2e - Site - Electrical and Lighting	12/1/2026	12/31/2026	23	8	0.59	9.29E-03	0	23	0	0	0.00E+00	8.19E-04	0.00E+00	0.00E+00
	Phase 2e - Site - Electrical and Lighting	1/1/2027	2/22/2027	37	8	1.10	1.73E-02	0	22	15	0	0.00E+00	1.46E-03	9.92E-04	0.00E+00
	Phase 2f - Site - Landscaping	2/23/2027	6/10/2027	78	8	1.65	2.60E-02	0	0	78	0	0.00E+00	0.00E+00	7.74E-03	0.00E+00
	Phase 3a - Demolition	6/11/2027	7/1/2027	15	8	0.32	5.04E-03	0	0	15	0	0.00E+00	0.00E+00	2.89E-04	0.00E+00
	Phase 3c - Building - Exterior	8/2/2027	12/31/2027	110	8	0.66	1.04E-02	0	0	110	0	0.00E+00	0.00E+00	4.36E-03	0.00E+00
	Phase 3c - Building - Exterior	1/1/2028	6/16/2028	120	8	0.59	9.29E-03	0	0	28	92	0.00E+00	0.00E+00	9.93E-04	8.81E-03
	Phase 3b - Paving	7/2/2027	9/2/2027	45	8	1.10	1.73E-02	0	0	45	0	0.00E+00	0.00E+00	2.98E-03	0.00E+00
	Phase 3d - Building - Interior / Architect	3/25/2028	6/16/2028	60	8	1.65	2.60E-02	0	0	0	60	0.00E+00	0.00E+00	0.00E+00	1.61E-02
											OFFROAD	1.82E-02	1.36E-02	1.73E-02	2.49E-02

Vendor/Haul Trucks Exhaust

						PM10		Days per CSTN Year				Weighted Emission Rate (g/s)			
	Phase Name	Start	End	Workdays	Daily Usage (hours/day)	Daily Exhaust PM10 (lb/day)	Daily Emission Rate (g/s)	Year 1	Year 2	Year 3	Year 4	Year 1	Year 2	Year 3	Year 4
EXHAUST	Phase 0b - Stockpile soil	1/31/2025	3/15/2025	31	8	5.17E-04	8.15E-06	31	0	0	0	9.68E-07	0.00E+00	0.00E+00	0.00E+00
	Phase 1a - Demolition/Site Preparatior	3/15/2025	6/15/2025	65	8	2.85E-04	4.50E-06	65	0	0	0	1.12E-06	0.00E+00	0.00E+00	0.00E+00
	Phase 1b - Grading/Excavation	6/15/2025	10/31/2025	100	8	8.48E-04	1.34E-05	100	0	0	0	5.12E-06	0.00E+00	0.00E+00	0.00E+00
	Phase 1c - Trenching/Utilities	11/1/2025	12/14/2025	30	8	2.52E-04	3.98E-06	30	0	0	0	4.57E-07	0.00E+00	0.00E+00	0.00E+00
	Phase 1d - Specialty - Water Access Ra	12/15/2025	12/31/2025	13	8	1.86E-04	2.93E-06	13	0	0	0	1.46E-07	0.00E+00	0.00E+00	0.00E+00
	Phase 1d - Specialty - Water Access Ra	1/1/2026	2/9/2026	28	8	1.64E-04	2.58E-06	22	6	0	0	2.17E-07	5.93E-08	0.00E+00	0.00E+00
	Phase 2a - Grading/Excavation	2/10/2026	5/4/2026	60	8	7.97E-04	1.26E-05	0	60	0	0	0.00E+00	2.89E-06	0.00E+00	0.00E+00
	Phase 2b - Site - Piled Foundations	5/5/2026	6/15/2026	30	8	9.00E-04	1.42E-05	0	30	0	0	0.00E+00	1.63E-06	0.00E+00	0.00E+00
	Phase 2c - Building - Foundation	6/16/2026	7/27/2026	30	8	1.06E-03	1.68E-05	0	30	0	0	0.00E+00	1.93E-06	0.00E+00	0.00E+00
	Phase 2d - Paving and Sidewalks	7/28/2026	11/30/2026	90	8	1.01E-03	1.60E-05	0	90	0	0	0.00E+00	5.51E-06	0.00E+00	0.00E+00
	Phase 2e - Site - Electrical and Lighting	12/1/2026	12/31/2026	23	8	1.64E-04	2.58E-06	0	23	0	0	0.00E+00	2.27E-07	0.00E+00	0.00E+00
	Phase 2e - Site - Electrical and Lighting	1/1/2027	2/22/2027	37	8	1.45E-04	2.28E-06	0	22	15	0	0.00E+00	1.92E-07	1.31E-07	0.00E+00
	Phase 2f - Site - Landscaping	2/23/2027	6/10/2027	78	8	1.81E-04	2.85E-06	0	0	78	0	0.00E+00	0.00E+00	8.49E-07	0.00E+00
	Phase 3a - Demolition	6/11/2027	7/1/2027	15	8	2.36E-04	3.72E-06	0	0	15	0	0.00E+00	0.00E+00	2.13E-07	0.00E+00
	Phase 3c - Building - Exterior	8/2/2027	12/31/2027	110	8	1.01E-03	1.60E-05	0	0	110	0	0.00E+00	0.00E+00	6.70E-06	0.00E+00
	Phase 3c - Building - Exterior	1/1/2028	6/16/2028	120	8	7.71E-04	1.21E-05	0	0	28	92	0.00E+00	0.00E+00	1.30E-06	1.15E-05
	Phase 3b - Paving	7/2/2027	9/2/2027	45	8	8.69E-04	1.37E-05	0	0	45	0	0.00E+00	0.00E+00	2.35E-06	0.00E+00
	Phase 3d - Building - Interior / Architect	3/25/2028	6/16/2028	60	8	1.29E-04	2.02E-06	0	0	0	60	0.00E+00	0.00E+00	0.00E+00	1.25E-06
											ONROAD	8.03E-06	1.24E-05	1.15E-05	1.28E-05

Annual PM2.5

Workdays/week 5

Days per Age Bin	Year 1	Year 2	Year 3	Year 4
Start Date:	1/31/2025	2/1/2026	2/2/2027	2/3/2028
End Date:	1/31/2026	2/1/2027	2/2/2028	6/16/2028
Total Workdays	**261**	**261**	**262**	**97**

PM2.5 Emissions

Offroad Heavy Duty Equipment Exhaust

						PM2.5		Days per CSTN Year				Weighted Emission Rate (g/s)			
	Phase Name	**Start**	**End**	**Workdays**	**Daily Usage (hours/day)**	**Daily Exhaust PM2.5 (lb/day)**	**Daily Emission Rate (g/s)**	**Year 1**	**Year 2**	**Year 3**	**Year 4**	**Year 1**	**Year 2**	**Year 3**	**Year 4**
EXHAUST	Phase 0b - Stockpile soil	1/31/2025	3/15/2025	31	8	0.35	5.51E-03	31	0	0	0	6.55E-04	0.00E+00	0.00E+00	0.00E+00
	Phase 1a - Demolition/Site Preparation	3/15/2025	6/15/2025	65	8	1.02	1.61E-02	65	0	0	0	4.00E-03	0.00E+00	0.00E+00	0.00E+00
	Phase 1b - Grading/Excavation	6/15/2025	10/31/2025	100	8	1.52	2.39E-02	100	0	0	0	9.17E-03	0.00E+00	0.00E+00	0.00E+00
	Phase 1c - Trenching/Utilities	11/1/2025	12/14/2025	30	8	0.30	4.72E-03	30	0	0	0	5.43E-04	0.00E+00	0.00E+00	0.00E+00
	Phase 1d - Specialty - Water Access Ramp - 2025	12/15/2025	12/31/2025	13	8	0.60	9.45E-03	13	0	0	0	4.71E-04	0.00E+00	0.00E+00	0.00E+00
	Phase 1d - Specialty - Water Access Ramp - 2026	1/1/2026	2/9/2026	28	8	0.54	8.50E-03	22	6	0	0	7.17E-04	1.96E-04	0.00E+00	0.00E+00
	Phase 2a - Grading/Excavation	2/10/2026	5/4/2026	60	8	1.25	1.97E-02	0	60	0	0	0.00E+00	4.53E-03	0.00E+00	0.00E+00
	Phase 2b - Site - Piled Foundations	5/5/2026	6/15/2026	30	8	0.18	2.83E-03	0	30	0	0	0.00E+00	3.26E-04	0.00E+00	0.00E+00
	Phase 2c - Building - Foundation	6/16/2026	7/27/2026	30	8	0.16	2.52E-03	0	30	0	0	0.00E+00	2.90E-04	0.00E+00	0.00E+00
	Phase 2d - Paving and Sidewalks	7/28/2026	11/30/2026	90	8	0.26	4.09E-03	0	90	0	0	0.00E+00	1.41E-03	0.00E+00	0.00E+00
	Phase 2e - Site - Electrical and Lighting	12/1/2026	12/31/2026	23	8	0.07	1.10E-03	0	23	0	0	0.00E+00	9.72E-05	0.00E+00	0.00E+00
	Phase 2e - Site - Electrical and Lighting	1/1/2027	2/22/2027	37	8	0.06	9.45E-04	0	22	15	0	0.00E+00	7.97E-05	5.41E-05	0.00E+00
	Phase 2f - Site - Landscaping	2/23/2027	6/10/2027	78	8	0.13	2.05E-03	0	0	78	0	0.00E+00	0.00E+00	6.10E-04	0.00E+00
	Phase 3a - Demolition	6/11/2027	7/1/2027	15	8	0.43	6.77E-03	0	0	15	0	0.00E+00	0.00E+00	3.88E-04	0.00E+00
	Phase 3c - Building - Exterior	8/2/2027	12/31/2027	110	8	0.27	4.25E-03	0	0	110	0	0.00E+00	0.00E+00	1.79E-03	0.00E+00
	Phase 3c - Building - Exterior	1/1/2028	6/16/2028	120	8	0.24	3.78E-03	0	0	28	92	0.00E+00	0.00E+00	4.04E-04	3.59E-03
	Phase 3b - Paving	7/2/2027	9/2/2027	45	8	0.17	2.68E-03	0	0	45	0	0.00E+00	0.00E+00	4.60E-04	0.00E+00
	Phase 3d - Building - Interior / Architectural	3/25/2028	6/16/2028	60	8	0.07	1.10E-03	0	0	0	60	0.00E+00	0.00E+00	0.00E+00	6.82E-04
								OFFROAD				1.56E-02	6.93E-03	3.70E-03	4.27E-03
															4.27E-03

Onroad Haul & Vendor Trucks (Combined Dust and ExhausT)

						PM2.5		Days per CSTN Year				Weighted Emission Rate (g/s)			
	Phase Name	**Start**	**End**	**Workdays**	**Daily Usage (hours/day)**	**Combined PM2.5 (lb/day)**	**Daily Emission Rate (g/s)**	**Year 1**	**Year 2**	**Year 3**	**Year 4**	**Year 1**	**Year 2**	**Year 3**	**Year 4**
EXHAUST and DUST	Phase 0b - Stockpile soil	1/31/2025	3/15/2025	31	8	4.53E-03	7.14E-05	31	0	0	0	8.48E-06	0.00E+00	0.00E+00	0.00E+00
	Phase 1a - Demolition/Site Preparation	3/15/2025	6/15/2025	65	8	2.46E-03	3.87E-05	65	0	0	0	9.64E-06	0.00E+00	0.00E+00	0.00E+00
	Phase 1b - Grading/Excavation	6/15/2025	10/31/2025	100	8	8.73E-03	1.37E-04	100	0	0	0	5.27E-05	0.00E+00	0.00E+00	0.00E+00
	Phase 1c - Trenching/Utilities	11/1/2025	12/14/2025	30	8	2.09E-03	3.29E-05	30	0	0	0	3.78E-06	0.00E+00	0.00E+00	0.00E+00
	Phase 1d - Specialty - Water Access Ramp - 2025	12/15/2025	12/31/2025	13	8	1.35E-03	2.13E-05	13	0	0	0	1.06E-06	0.00E+00	0.00E+00	0.00E+00
	Phase 1d - Specialty - Water Access Ramp - 2026	1/1/2026	2/9/2026	28	8	1.33E-03	2.10E-05	22	6	0	0	1.77E-06	4.82E-07	0.00E+00	0.00E+00
	Phase 2a - Grading/Excavation	2/10/2026	5/4/2026	60	8	8.68E-03	1.37E-04	0	60	0	0	0.00E+00	3.14E-05	0.00E+00	0.00E+00
	Phase 2b - Site - Piled Foundations	5/5/2026	6/15/2026	30	8	7.32E-03	1.15E-04	0	30	0	0	0.00E+00	1.32E-05	0.00E+00	0.00E+00
	Phase 2c - Building - Foundation	6/16/2026	7/27/2026	30	8	8.65E-03	1.36E-04	0	30	0	0	0.00E+00	1.57E-05	0.00E+00	0.00E+00
	Phase 2d - Paving and Sidewalks	7/28/2026	11/30/2026	90	8	8.35E-03	1.31E-04	0	90	0	0	0.00E+00	4.53E-05	0.00E+00	0.00E+00
	Phase 2e - Site - Electrical and Lighting	12/1/2026	12/31/2026	23	8	1.33E-03	2.10E-05	0	23	0	0	0.00E+00	1.85E-06	0.00E+00	0.00E+00
	Phase 2e - Site - Electrical and Lighting	1/1/2027	2/22/2027	37	8	1.31E-03	2.07E-05	0	22	15	0	0.00E+00	1.74E-06	1.18E-06	0.00E+00
	Phase 2f - Site - Landscaping	2/23/2027	6/10/2027	78	8	1.64E-03	2.58E-05	0	0	78	0	0.00E+00	0.00E+00	7.69E-06	0.00E+00
	Phase 3a - Demolition	6/11/2027	7/1/2027	15	8	2.41E-03	3.80E-05	0	0	15	0	0.00E+00	0.00E+00	2.18E-06	0.00E+00
	Phase 3c - Building - Exterior	8/2/2027	12/31/2027	110	8	9.19E-03	1.45E-04	0	0	110	0	0.00E+00	0.00E+00	6.08E-05	0.00E+00
	Phase 3c - Building - Exterior	1/1/2028	6/16/2028	120	8	7.79E-03	1.23E-04	0	0	28	92	0.00E+00	0.00E+00	1.31E-05	1.16E-04
	Phase 3b - Paving	7/2/2027	9/2/2027	45	8	7.88E-03	1.24E-04	0	0	45	0	0.00E+00	0.00E+00	2.13E-05	0.00E+00
	Phase 3d - Building - Interior / Architectural	3/25/2028	6/16/2028	60	8	1.30E-03	2.04E-05	0	0	0	60	0.00E+00	0.00E+00	0.00E+00	1.26E-05
										ONROAD		7.74E-05	1.10E-04	1.06E-04	1.29E-04

Onsite Dust

	Phase Name	Start	End	Workdays	Daily Usage (hours/day)	PM2.5 Daily Fugitive PM2.5 (lb/day)	0 Daily Emission Rate (g/s)	Days per CSTN Year Year 1	Year 2	Year 3	Year 4	Weighted Emission Rate (g/s) Year 1	Year 2	Year 3	Year 4
DUST	Phase 0b - Stockpile soil	1/31/2025	3/15/2025	31	8	0.88	1.39E-02	31	0	0	0	1.65E-03	0.00E+00	0.00E+00	0.00E+00
	Phase 1a - Demolition/Site Preparation	3/15/2025	6/15/2025	65	8	0.05	7.87E-04	65	0	0	0	1.96E-04	0.00E+00	0.00E+00	0.00E+00
	Phase 1b - Grading/Excavation	6/15/2025	10/31/2025	100	8	1.78	2.80E-02	100	0	0	0	1.07E-02	0.00E+00	0.00E+00	0.00E+00
	Phase 1c - Trenching/Utilities	11/1/2025	12/14/2025	30	8	0.00	0.00E+00	30	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Phase 1d - Specialty - Water Access Ramp - 2025	12/15/2025	12/31/2025	13	8	0.00	0.00E+00	13	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Phase 1d - Specialty - Water Access Ramp - 2026	1/1/2026	2/9/2026	28	8	0.00	0.00E+00	22	6	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Phase 2a - Grading/Excavation	2/10/2026	5/4/2026	60	8	1.78	2.80E-02	0	60	0	0	0.00E+00	6.44E-03	0.00E+00	0.00E+00
	Phase 2b - Site - Piled Foundations	5/5/2026	6/15/2026	30	8	0.00	0.00E+00	0	30	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Phase 2c - Building - Foundation	6/16/2026	7/27/2026	30	8	0.00	0.00E+00	0	30	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Phase 2d - Paving and Sidewalks	7/28/2026	11/30/2026	90	8	0.00	0.00E+00	0	90	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Phase 2e - Site - Electrical and Lighting	12/1/2026	12/31/2026	23	8	0.00	0.00E+00	0	23	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Phase 2e - Site - Electrical and Lighting	1/1/2027	2/22/2027	37	8	0.00	0.00E+00	0	22	15	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Phase 2f - Site - Landscaping	2/23/2027	6/10/2027	78	8	0.00	0.00E+00	0	0	78	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Phase 3a - Demolition	6/11/2027	7/1/2027	15	8	0.05	7.87E-04	0	0	15	0	0.00E+00	0.00E+00	4.51E-05	0.00E+00
	Phase 3c - Building - Exterior	8/2/2027	12/31/2027	110	8	0.00	0.00E+00	0	0	110	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Phase 3c - Building - Exterior	1/1/2028	6/16/2028	120	8	0.00	0.00E+00	0	0	28	92	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Phase 3b - Paving	7/2/2027	9/2/2027	45	8	0.00	0.00E+00	0	0	45	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Phase 3d - Building - Interior / Architectural	3/25/2028	6/16/2028	60	8	0.00	0.00E+00	0	0	0	60	0.00E+00	0.00E+00	0.00E+00	0.00E+00
										OFFROAD_DST		1.26E-02	6.44E-03	4.51E-05	0.00E+00

Onroad worker Exhaust and Dust

	Phase Name	Start	End	Workdays	Daily Usage (hours/day)	PM2.5 Combined PM2.5 (lb/day)	Daily Emission Rate (g/s)	Days per CSTN Year Year 1	Year 2	Year 3	Year 4	Weighted Emission Rate (g/s) Year 1	Year 2	Year 3	Year 4
EXHAUST and DUST	Phase 0b - Stockpile soil	1/31/2025	3/15/2025	31	8	1.06E-03	1.66E-05	31	0	0	0	1.98E-06	0.00E+00	0.00E+00	0.00E+00
	Phase 1a - Demolition/Site Preparation	3/15/2025	6/15/2025	65	8	1.06E-02	1.66E-04	65	0	0	0	4.14E-05	0.00E+00	0.00E+00	0.00E+00
	Phase 1b - Grading/Excavation	6/15/2025	10/31/2025	100	8	1.06E-02	1.66E-04	100	0	0	0	6.38E-05	0.00E+00	0.00E+00	0.00E+00
	Phase 1c - Trenching/Utilities	11/1/2025	12/14/2025	30	8	1.06E-02	1.66E-04	30	0	0	0	1.91E-05	0.00E+00	0.00E+00	0.00E+00
	Phase 1d - Specialty - Water Access Ramp - 2025	12/15/2025	12/31/2025	13	8	1.06E-02	1.66E-04	13	0	0	0	8.29E-06	0.00E+00	0.00E+00	0.00E+00
	Phase 1d - Specialty - Water Access Ramp - 2026	1/1/2026	2/9/2026	28	8	1.05E-02	1.66E-04	22	6	0	0	1.40E-05	3.82E-06	0.00E+00	0.00E+00
	Phase 2a - Grading/Excavation	2/10/2026	5/4/2026	60	8	1.05E-02	1.66E-04	0	60	0	0	0.00E+00	3.82E-05	0.00E+00	0.00E+00
	Phase 2b - Site - Piled Foundations	5/5/2026	6/15/2026	30	8	1.05E-02	1.66E-04	0	30	0	0	0.00E+00	1.91E-05	0.00E+00	0.00E+00
	Phase 2c - Building - Foundation	6/16/2026	7/27/2026	30	8	1.05E-02	1.66E-04	0	30	0	0	0.00E+00	1.91E-05	0.00E+00	0.00E+00
	Phase 2d - Paving and Sidewalks	7/28/2026	11/30/2026	90	8	1.05E-02	1.66E-04	0	90	0	0	0.00E+00	5.73E-05	0.00E+00	0.00E+00
	Phase 2e - Site - Electrical and Lighting	12/1/2026	12/31/2026	23	8	1.05E-02	1.66E-04	0	23	0	0	0.00E+00	1.46E-05	0.00E+00	0.00E+00
	Phase 2e - Site - Electrical and Lighting	1/1/2027	2/22/2027	37	8	1.05E-02	1.66E-04	0	22	15	0	0.00E+00	1.40E-05	9.49E-06	0.00E+00
	Phase 2f - Site - Landscaping	2/23/2027	6/10/2027	78	8	1.05E-02	1.66E-04	0	0	78	0	0.00E+00	0.00E+00	4.94E-05	0.00E+00
	Phase 3a - Demolition	6/11/2027	7/1/2027	15	8	1.05E-02	1.66E-04	0	0	15	0	0.00E+00	0.00E+00	9.49E-06	0.00E+00
	Phase 3c - Building - Exterior	8/2/2027	12/31/2027	110	8	1.05E-02	1.66E-04	0	0	110	0	0.00E+00	0.00E+00	6.96E-05	0.00E+00
	Phase 3c - Building - Exterior	1/1/2028	6/16/2028	120	8	1.05E-02	1.65E-04	0	0	28	92	0.00E+00	0.00E+00	1.77E-05	1.57E-04
	Phase 3b - Paving	7/2/2027	9/2/2027	45	8	1.05E-02	1.66E-04	0	0	45	0	0.00E+00	0.00E+00	2.85E-05	0.00E+00
	Phase 3d - Building - Interior / Architectural	3/25/2028	6/16/2028	60	8	1.05E-02	1.65E-04	0	0	0	60	0.00E+00	0.00E+00	0.00E+00	1.02E-04
										ONROAD_W		1.49E-04	1.66E-04	1.84E-04	2.59E-04

	Haul Source Length (m)	Haul Source Length (mi)
ONROAD	928.1	0.58

MOBILE DPM EMISSIONS

						VENDOR TRUCKS				HAUL TRUCKS				
Phase Name	Start	End	Workdays	Year	Speed (MPH)	Trips per day	Trip Length (mi)	Exhaust EF (g/mi)	Exhaust Emissions (lb/day)	Trips per day	Trip Length (mi)	Exhaust EF (g/mi)	Exhaust Emissions (lb/day)	Total DPM Emissions (lb/day)
Phase 0b - Stockpile soil	1/31/2025	3/15/2025	31	2025	15	8	0.58	1.83E-02	1.86E-04	20	0.58	1.30E-02	3.31E-04	5.17E-04
Phase 1a - Demolition/Site Preparation	3/15/2025	6/15/2025	65	2025	15	8	0.58	1.83E-02	1.86E-04	6	0.58	1.30E-02	9.93E-05	2.85E-04
Phase 1b - Grading/Excavation	6/15/2025	10/31/2025	100	2025	15	8	0.58	1.83E-02	1.86E-04	40	0.58	1.30E-02	6.62E-04	8.48E-04
Phase 1c - Trenching/Utilities	11/1/2025	12/14/2025	30	2025	15	8	0.58	1.83E-02	1.86E-04	4	0.58	1.30E-02	6.62E-05	2.52E-04
Phase 1d - Specialty - Water Access Ramp - 2025	12/15/2025	12/31/2025	13	2025	15	8	0.58	1.83E-02	1.86E-04	0	0.58	1.30E-02	0.00E+00	1.86E-04
Phase 1d - Specialty - Water Access Ramp - 2026	1/1/2026	2/9/2026	28	2026	15	8	0.58	1.61E-02	1.64E-04	0	0.58	1.25E-02	0.00E+00	1.64E-04
Phase 2a - Grading/Excavation	2/10/2026	5/4/2026	60	2026	15	8	0.58	1.61E-02	1.64E-04	40	0.58	1.25E-02	6.34E-04	7.97E-04
Phase 2b - Site - Piled Foundations	5/5/2026	6/15/2026	30	2026	15	44	0.58	1.61E-02	9.00E-04	0	0.58	1.25E-02	0.00E+00	9.00E-04
Phase 2c - Building - Foundation	6/16/2026	7/27/2026	30	2026	15	52	0.58	1.61E-02	1.06E-03	0	0.58	1.25E-02	0.00E+00	1.06E-03
Phase 2d - Paving and Sidewalks	7/28/2026	11/30/2026	90	2026	15	48	0.58	1.61E-02	9.82E-04	2	0.58	1.25E-02	3.17E-05	1.01E-03
Phase 2e - Site - Electrical and Lighting	12/1/2026	12/31/2026	23	2026	15	8	0.58	1.61E-02	1.64E-04	0	0.58	1.25E-02	0.00E+00	1.64E-04
Phase 2e - Site - Electrical and Lighting	1/1/2027	2/22/2027	37	2027	15	8	0.58	1.42E-02	1.45E-04	0	0.58	1.20E-02	0.00E+00	1.45E-04
Phase 2f - Site - Landscaping	2/23/2027	6/10/2027	78	2027	15	10	0.58	1.42E-02	1.81E-04	0	0.58	1.20E-02	0.00E+00	1.81E-04
Phase 3a - Demolition	6/11/2027	7/1/2027	15	2027	15	8	0.58	1.42E-02	1.45E-04	6	0.58	1.20E-02	9.12E-05	2.36E-04
Phase 3c - Building - Exterior	8/2/2027	12/31/2027	110	2027	15	56	0.58	1.42E-02	1.01E-03	0	0.58	1.20E-02	0.00E+00	1.01E-03
Phase 3c - Building - Exterior	1/1/2028	6/16/2028	120	2028	15	48	0.58	1.26E-02	7.71E-04	0	0.58	1.14E-02	0.00E+00	7.71E-04
Phase 3b - Paving	7/2/2027	9/2/2027	45	2027	15	48	0.58	1.42E-02	8.69E-04	0	0.58	1.20E-02	0.00E+00	8.69E-04
Phase 3d - Building - Interior / Architectural	3/25/2028	6/16/2028	60	2028	15	8	0.58	1.26E-02	1.29E-04	0	0.58	1.14E-02	0.00E+00	1.29E-04

Haul Source Length (m)	Haul Source Length (mi)
928	0.58

MOBILE PM2.5 EMISSIONS

						VENDOR TRUCKS				
Phase Name	Start	End	Workdays	Year	Speed (MPH)	Trips per day	Trip Length (mi)	Exhaust EF (g/mi)	Exhaust Emissions (lb/day)	Dust Emissions (lb/day)
Phase 0b - Stockpile soil	1/31/2025	3/15/2025	31	2025	15	5	0.58	1.75E-02	1.11E-04	7.33E-04
Phase 1a - Demolition/Site Preparat	3/15/2025	6/15/2025	65	2025	15	8	0.58	1.75E-02	1.78E-04	1.17E-03
Phase 1b - Grading/Excavation	6/15/2025	10/31/2025	100	2025	15	8	0.58	1.75E-02	1.78E-04	1.17E-03
Phase 1c - Trenching/Utilities	11/1/2025	12/14/2025	30	2025	15	8	0.58	1.75E-02	1.78E-04	1.17E-03
Phase 1d - Specialty - Water Access	12/15/2025	12/31/2025	13	2025	15	8	0.58	1.75E-02	1.78E-04	1.17E-03
Phase 1d - Specialty - Water Access	1/1/2026	2/9/2026	28	2026	15	8	0.58	1.54E-02	1.57E-04	1.17E-03
Phase 2a - Grading/Excavation	2/10/2026	5/4/2026	60	2026	15	8	0.58	1.54E-02	1.57E-04	1.17E-03
Phase 2b - Site - Piled Foundations	5/5/2026	6/15/2026	30	2026	15	44	0.58	1.54E-02	8.61E-04	6.46E-03
Phase 2c - Building - Foundation	6/16/2026	7/27/2026	30	2026	15	52	0.58	1.54E-02	1.02E-03	7.63E-03
Phase 2d - Paving and Sidewalks	7/28/2026	11/30/2026	90	2026	15	48	0.58	1.54E-02	9.40E-04	7.04E-03
Phase 2e - Site - Electrical and Lighti	12/1/2026	12/31/2026	23	2026	15	8	0.58	1.54E-02	1.57E-04	1.17E-03
Phase 2e - Site - Electrical and Lighti	1/1/2027	2/22/2027	37	2027	15	8	0.58	1.36E-02	1.39E-04	1.17E-03
Phase 2f - Site - Landscaping	2/23/2027	6/10/2027	78	2027	15	10	0.58	1.36E-02	1.73E-04	1.47E-03
Phase 3a - Demolition	6/11/2027	7/1/2027	15	2027	15	8	0.58	1.36E-02	1.39E-04	1.17E-03
Phase 3c - Building - Exterior	8/2/2027	12/31/2027	110	2027	15	56	0.58	1.36E-02	9.70E-04	8.22E-03
Phase 3c - Building - Exterior	1/1/2028	6/16/2028	120	2028	15	48	0.58	1.21E-02	7.38E-04	7.05E-03
Phase 3b - Paving	7/2/2027	9/2/2027	45	2027	15	48	0.58	1.36E-02	8.31E-04	7.05E-03
Phase 3d - Building - Interior / Archit	3/25/2028	6/16/2028	60	2028	15	8	0.58	1.21E-02	1.23E-04	1.18E-03

Haul Source Length (m)	Haul Source Length (mi)
928	0.58

MOBILE PM2.5 EMISSIONS

						HAUL TRUCKS						PM2.5 Emissions
Phase Name	Start	End	Workdays	Year	Speed (MPH)	Trips per day	Trip Length (mi)	Exhaust EF (g/mi)	Dust EF (g/mi)	Exhaust Emissions (lb/day)	Dust Emissions (lb/day)	Total Vendor/Haul Emissions (lb/day)
Phase 0b - Stockpile soil	1/31/2025	3/15/2025	31	2025	15	20	0.58	1.25E-02	1.33E-01	3.17E-04	3.37E-03	4.53E-03
Phase 1a - Demolition/Site Preparat	3/15/2025	6/15/2025	65	2025	15	6	0.58	1.25E-02	1.33E-01	9.50E-05	1.01E-03	2.46E-03
Phase 1b - Grading/Excavation	6/15/2025	10/31/2025	100	2025	15	40	0.58	1.25E-02	1.33E-01	6.34E-04	6.74E-03	8.73E-03
Phase 1c - Trenching/Utilities	11/1/2025	12/14/2025	30	2025	15	4	0.58	1.25E-02	1.33E-01	6.34E-05	6.74E-04	2.09E-03
Phase 1d - Specialty - Water Access	12/15/2025	12/31/2025	13	2025	15	0	0.58	1.25E-02	1.33E-01	0.00E+00	0.00E+00	1.35E-03
Phase 1d - Specialty - Water Access	1/1/2026	2/9/2026	28	2026	15	0	0.58	1.19E-02	1.33E-01	0.00E+00	0.00E+00	1.33E-03
Phase 2a - Grading/Excavation	2/10/2026	5/4/2026	60	2026	15	40	0.58	1.19E-02	1.33E-01	6.06E-04	6.75E-03	8.68E-03
Phase 2b - Site - Piled Foundations	5/5/2026	6/15/2026	30	2026	15	0	0.58	1.19E-02	1.33E-01	0.00E+00	0.00E+00	7.32E-03
Phase 2c - Building - Foundation	6/16/2026	7/27/2026	30	2026	15	0	0.58	1.19E-02	1.33E-01	0.00E+00	0.00E+00	8.65E-03
Phase 2d - Paving and Sidewalks	7/28/2026	11/30/2026	90	2026	15	2	0.58	1.19E-02	1.33E-01	3.03E-05	3.37E-04	8.35E-03
Phase 2e - Site - Electrical and Lighti	12/1/2026	12/31/2026	23	2026	15	0	0.58	1.19E-02	1.33E-01	0.00E+00	0.00E+00	1.33E-03
Phase 2e - Site - Electrical and Lighti	1/1/2027	2/22/2027	37	2027	15	0	0.58	1.14E-02	1.33E-01	0.00E+00	0.00E+00	1.31E-03
Phase 2f - Site - Landscaping	2/23/2027	6/10/2027	78	2027	15	0	0.58	1.14E-02	1.33E-01	0.00E+00	0.00E+00	1.64E-03
Phase 3a - Demolition	6/11/2027	7/1/2027	15	2027	15	6	0.58	1.14E-02	1.33E-01	8.73E-05	1.01E-03	2.41E-03
Phase 3c - Building - Exterior	8/2/2027	12/31/2027	110	2027	15	0	0.58	1.14E-02	1.33E-01	0.00E+00	0.00E+00	9.19E-03
Phase 3c - Building - Exterior	1/1/2028	6/16/2028	120	2028	15	0	0.58	1.09E-02	1.33E-01	0.00E+00	0.00E+00	7.79E-03
Phase 3b - Paving	7/2/2027	9/2/2027	45	2027	15	0	0.58	1.14E-02	1.33E-01	0.00E+00	0.00E+00	7.88E-03
Phase 3d - Building - Interior / Archit	3/25/2028	6/16/2028	60	2028	15	0	0.58	1.09E-02	1.33E-01	0.00E+00	0.00E+00	1.30E-03

Haul Source Length (m)	Haul Source Length (mi)
928	0.58

MOBILE PM2.5 EMISSIONS

						WORKER VEHICLES					PM2.5 EMISSIONS
Phase Name	Start	End	Workdays	Year	Speed (MPH)	Trips per day	Trip Length (mi)	Exhaust EF (g/mi)	Exhaust Emissions (lb/day)	Dust Emissions (lb/day)	Total Worker Emissions (lb/day)
Phase 0b - Stockpile soil	1/31/2025	3/15/2025	31	2025	15	10	0.58	3.80E-03	4.83E-05	1.01E-03	1.06E-03
Phase 1a - Demolition/Site Preparat	3/15/2025	6/15/2025	65	2025	15	100	0.58	3.80E-03	4.83E-04	1.01E-02	1.06E-02
Phase 1b - Grading/Excavation	6/15/2025	10/31/2025	100	2025	15	100	0.58	3.80E-03	4.83E-04	1.01E-02	1.06E-02
Phase 1c - Trenching/Utilities	11/1/2025	12/14/2025	30	2025	15	100	0.58	3.80E-03	4.83E-04	1.01E-02	1.06E-02
Phase 1d - Specialty - Water Access	12/15/2025	12/31/2025	13	2025	15	100	0.58	3.80E-03	4.83E-04	1.01E-02	1.06E-02
Phase 1d - Specialty - Water Access	1/1/2026	2/9/2026	28	2026	15	100	0.58	3.65E-03	4.64E-04	1.01E-02	1.05E-02
Phase 2a - Grading/Excavation	2/10/2026	5/4/2026	60	2026	15	100	0.58	3.65E-03	4.64E-04	1.01E-02	1.05E-02
Phase 2b - Site - Piled Foundations	5/5/2026	6/15/2026	30	2026	15	100	0.58	3.65E-03	4.64E-04	1.01E-02	1.05E-02
Phase 2c - Building - Foundation	6/16/2026	7/27/2026	30	2026	15	100	0.58	3.65E-03	4.64E-04	1.01E-02	1.05E-02
Phase 2d - Paving and Sidewalks	7/28/2026	11/30/2026	90	2026	15	100	0.58	3.65E-03	4.64E-04	1.01E-02	1.05E-02
Phase 2e - Site - Electrical and Lighti	12/1/2026	12/31/2026	23	2026	15	100	0.58	3.65E-03	4.64E-04	1.01E-02	1.05E-02
Phase 2e - Site - Electrical and Lighti	1/1/2027	2/22/2027	37	2027	15	100	0.58	3.48E-03	4.42E-04	1.01E-02	1.05E-02
Phase 2f - Site - Landscaping	2/23/2027	6/10/2027	78	2027	15	100	0.58	3.48E-03	4.42E-04	1.01E-02	1.05E-02
Phase 3a - Demolition	6/11/2027	7/1/2027	15	2027	15	100	0.58	3.48E-03	4.42E-04	1.01E-02	1.05E-02
Phase 3c - Building - Exterior	8/2/2027	12/31/2027	110	2027	15	100	0.58	3.48E-03	4.42E-04	1.01E-02	1.05E-02
Phase 3c - Building - Exterior	1/1/2028	6/16/2028	120	2028	15	100	0.58	3.28E-03	4.17E-04	1.01E-02	1.05E-02
Phase 3b - Paving	7/2/2027	9/2/2027	45	2027	15	100	0.58	3.48E-03	4.42E-04	1.01E-02	1.05E-02
Phase 3d - Building - Interior / Archit	3/25/2028	6/16/2028	60	2028	15	100	0.58	3.28E-03	4.17E-04	1.01E-02	1.05E-02

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
557996.3841607	557996.4	4160721	WRKR_1	1.64	1.61	0.21	0.21	WORKER
557996.3841607	557996.4	4160731	WRKR_2	1.61	1.58	0.21	0.21	WORKER
557996.3841607	557996.4	4160741	WRKR_3	1.56	1.54	0.21	0.21	WORKER
558006.3841607	558006.4	4160711	WRKR_4	1.87	1.84	0.22	0.22	WORKER
558006.3841607	558006.4	4160721	WRKR_5	1.84	1.82	0.22	0.22	WORKER
558006.3841607	558006.4	4160731	WRKR_6	1.80	1.79	0.22	0.22	WORKER
558006.3841607	558006.4	4160741	WRKR_7	1.76	1.74	0.22	0.22	WORKER
558016.3841607	558016.4	4160711	WRKR_8	2.13	2.12	0.23	0.23	WORKER
558016.3841607	558016.4	4160721	WRKR_9	2.09	2.09	0.23	0.23	WORKER
558016.3841607	558016.4	4160731	WRKR_10	2.04	2.03	0.23	0.23	WORKER
558016.3841607	558016.4	4160741	WRKR_11	1.97	1.97	0.22	0.22	WORKER
558026.3841607	558026.4	4160711	WRKR_12	2.43	2.44	0.24	0.24	WORKER
558026.3841607	558026.4	4160721	WRKR_13	2.39	2.41	0.24	0.24	WORKER
558026.3841607	558026.4	4160731	WRKR_14	2.32	2.34	0.23	0.23	WORKER
558026.3841607	558026.4	4160741	WRKR_15	2.23	2.26	0.23	0.23	WORKER
558277.5341605	558277.5	4160581	WRKR_16	6.43	6.98	1.16	1.18	WORKER
558277.5341605	558277.5	4160591	WRKR_17	7.75	8.68	1.19	1.22	WORKER
558287.5341605	558287.5	4160581	WRKR_18	6.26	6.71	1.31	1.34	WORKER
558287.5341605	558287.5	4160591	WRKR_19	7.46	8.23	1.35	1.40	WORKER
558297.5341605	558297.5	4160581	WRKR_20	6.05	6.44	1.49	1.54	WORKER
558297.5341605	558297.5	4160591	WRKR_21	7.18	7.83	1.55	1.62	WORKER
558307.5341605	558307.5	4160581	WRKR_22	5.79	6.16	1.72	1.79	WORKER
558307.5341605	558307.5	4160591	WRKR_23	6.90	7.47	1.81	1.92	WORKER
558317.5341605	558317.5	4160581	WRKR_24	5.55	5.89	1.98	2.10	WORKER
558317.5341605	558317.5	4160591	WRKR_25	6.63	7.14	2.13	2.31	WORKER
558327.5341605	558327.5	4160581	WRKR_26	5.31	5.63	2.29	2.46	WORKER
558327.5341605	558327.5	4160591	WRKR_27	6.36	6.81	2.54	2.81	WORKER
558337.5341605	558337.5	4160581	WRKR_28	5.04	5.35	2.60	2.83	WORKER
558101.0541605	558101.1	4160547	WRKR_29	2.85	2.87	0.34	0.34	WORKER
558101.0541605	558101.1	4160557	WRKR_30	3.11	3.14	0.34	0.34	WORKER
558111.0541605	558111.1	4160547	WRKR_31	3.03	3.06	0.35	0.36	WORKER
558111.0541605	558111.1	4160557	WRKR_32	3.32	3.36	0.35	0.36	WORKER
558111.0541605	558111.1	4160567	WRKR_33	3.65	3.71	0.36	0.36	WORKER
558121.0541605	558121.1	4160537	WRKR_34	2.93	2.95	0.37	0.37	WORKER
558121.0541605	558121.1	4160547	WRKR_35	3.21	3.25	0.37	0.37	WORKER
558121.0541605	558121.1	4160557	WRKR_36	3.54	3.59	0.37	0.38	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558121.0541605	558121.1	4160567	WRKR_37	3.91	3.98	0.37	0.38	WORKER
558121.0541605	558121.1	4160577	WRKR_38	4.34	4.46	0.37	0.38	WORKER
558121.0541605	558121.1	4160587	WRKR_39	4.82	5.03	0.37	0.38	WORKER
558131.0541605	558131.1	4160527	WRKR_40	2.79	2.82	0.38	0.38	WORKER
558131.0541605	558131.1	4160537	WRKR_41	3.08	3.11	0.38	0.39	WORKER
558131.0541605	558131.1	4160547	WRKR_42	3.39	3.44	0.39	0.39	WORKER
558131.0541605	558131.1	4160557	WRKR_43	3.76	3.83	0.39	0.39	WORKER
558131.0541605	558131.1	4160567	WRKR_44	4.17	4.28	0.39	0.40	WORKER
558131.0541605	558131.1	4160577	WRKR_45	4.66	4.83	0.39	0.40	WORKER
558131.0541605	558131.1	4160587	WRKR_46	5.21	5.49	0.39	0.40	WORKER
558131.0541605	558131.1	4160597	WRKR_47	5.85	6.30	0.39	0.40	WORKER
558141.0541605	558141.1	4160527	WRKR_48	2.91	2.94	0.40	0.40	WORKER
558141.0541605	558141.1	4160537	WRKR_49	3.22	3.26	0.40	0.41	WORKER
558141.0541605	558141.1	4160547	WRKR_50	3.57	3.64	0.41	0.41	WORKER
558141.0541605	558141.1	4160557	WRKR_51	3.97	4.08	0.41	0.41	WORKER
558141.0541605	558141.1	4160567	WRKR_52	4.45	4.60	0.41	0.42	WORKER
558141.0541605	558141.1	4160577	WRKR_53	4.99	5.23	0.41	0.42	WORKER
558141.0541605	558141.1	4160587	WRKR_54	5.62	6.00	0.42	0.42	WORKER
558141.0541605	558141.1	4160597	WRKR_55	6.34	6.96	0.42	0.42	WORKER
558141.0541606	558141.1	4160607	WRKR_56	7.16	8.18	0.42	0.42	WORKER
558151.0541605	558151.1	4160537	WRKR_57	3.35	3.41	0.43	0.43	WORKER
558151.0541605	558151.1	4160547	WRKR_58	3.74	3.83	0.43	0.43	WORKER
558151.0541605	558151.1	4160557	WRKR_59	4.19	4.33	0.43	0.44	WORKER
558151.0541605	558151.1	4160567	WRKR_60	4.72	4.93	0.43	0.44	WORKER
558151.0541605	558151.1	4160577	WRKR_61	5.34	5.66	0.44	0.44	WORKER
558151.0541605	558151.1	4160587	WRKR_62	6.05	6.57	0.44	0.44	WORKER
558151.0541605	558151.1	4160597	WRKR_63	6.93	7.72	0.44	0.44	WORKER
558151.0541606	558151.1	4160607	WRKR_64	7.94	9.19	0.44	0.44	WORKER
558151.0541606	558151.1	4160617	WRKR_65	9.07	11.15	0.44	0.44	WORKER
558161.0541605	558161.1	4160547	WRKR_66	3.93	4.01	0.45	0.46	WORKER
558161.0541605	558161.1	4160557	WRKR_67	4.40	4.59	0.46	0.46	WORKER
558161.0541605	558161.1	4160567	WRKR_68	5.00	5.29	0.46	0.46	WORKER
558161.0541605	558161.1	4160577	WRKR_69	5.69	6.14	0.46	0.47	WORKER
558161.0541605	558161.1	4160587	WRKR_70	6.50	7.23	0.46	0.47	WORKER
558161.0541605	558161.1	4160597	WRKR_71	7.60	8.59	0.46	0.47	WORKER
558161.0541606	558161.1	4160607	WRKR_72	8.69	10.38	0.46	0.47	WORKER
558171.0541605	558171.1	4160557	WRKR_73	4.65	4.82	0.48	0.49	WORKER
558171.0541605	558171.1	4160567	WRKR_74	5.26	5.65	0.49	0.49	WORKER
558171.0541605	558171.1	4160577	WRKR_75	6.03	6.67	0.49	0.49	WORKER
558171.0541605	558171.1	4160587	WRKR_76	6.94	7.98	0.49	0.50	WORKER
558171.0541605	558171.1	4160597	WRKR_77	8.21	9.65	0.49	0.50	WORKER
558181.0541605	558181.1	4160567	WRKR_78	5.56	5.99	0.52	0.52	WORKER
558181.0541605	558181.1	4160577	WRKR_79	6.37	7.22	0.52	0.52	WORKER
558181.0541605	558181.1	4160587	WRKR_80	7.41	8.84	0.52	0.53	WORKER
558191.0541605	558191.1	4160577	WRKR_81	6.65	7.56	0.55	0.55	WORKER
558368.5441605	558368.5	4160582	WRKR_82	4.44	4.66	3.62	4.07	WORKER
558378.5441605	558378.5	4160582	WRKR_83	4.20	4.39	3.81	4.31	WORKER
558378.5441605	558378.5	4160592	WRKR_84	4.76	5.07	4.64	5.51	WORKER
558378.5441606	558378.5	4160602	WRKR_85	5.36	5.86	5.68	7.25	WORKER
558378.5441606	558378.5	4160612	WRKR_86	6.25	7.03	7.61	6.95	WORKER
558388.5441605	558388.5	4160582	WRKR_87	3.93	4.10	4.00	4.53	WORKER
558388.5441605	558388.5	4160592	WRKR_88	4.42	4.68	4.91	5.83	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558388.5441606	558388.5	4160602	WRKR_89	4.94	5.38	6.05	7.70	WORKER
558388.5441606	558388.5	4160612	WRKR_90	5.74	6.42	5.37	7.05	WORKER
558398.5441605	558398.5	4160582	WRKR_91	3.63	3.79	4.22	4.74	WORKER
558398.5441605	558398.5	4160592	WRKR_92	4.06	4.31	5.07	6.01	WORKER
558398.5441606	558398.5	4160602	WRKR_93	4.57	4.95	6.39	8.11	WORKER
558398.5441606	558398.5	4160612	WRKR_94	5.26	5.83	5.96	7.77	WORKER
557976.0941604	557976.1	4160490	HLTN_1	0.88	0.89	0.20	0.20	RESIDENT
557976.0941605	557976.1	4160500	HLTN_2	0.91	0.91	0.20	0.20	RESIDENT
557976.0941605	557976.1	4160510	HLTN_3	0.95	0.95	0.20	0.20	RESIDENT
557976.0941605	557976.1	4160520	HLTN_4	0.99	0.98	0.21	0.21	RESIDENT
557976.0941605	557976.1	4160530	HLTN_5	1.03	1.01	0.21	0.21	RESIDENT
557986.0941604	557986.1	4160480	HLTN_6	0.91	0.92	0.21	0.21	RESIDENT
557986.0941604	557986.1	4160490	HLTN_7	0.96	0.96	0.21	0.21	RESIDENT
557986.0941605	557986.1	4160500	HLTN_8	0.99	1.00	0.21	0.21	RESIDENT
557986.0941605	557986.1	4160510	HLTN_9	1.03	1.03	0.21	0.21	RESIDENT
557986.0941605	557986.1	4160520	HLTN_10	1.07	1.06	0.21	0.21	RESIDENT
557986.0941605	557986.1	4160530	HLTN_11	1.10	1.10	0.21	0.21	RESIDENT
557996.0941604	557996.1	4160480	HLTN_12	0.98	0.99	0.22	0.21	RESIDENT
557996.0941604	557996.1	4160490	HLTN_13	1.02	1.03	0.22	0.22	RESIDENT
557996.0941605	557996.1	4160500	HLTN_14	1.06	1.07	0.22	0.22	RESIDENT
557996.0941605	557996.1	4160510	HLTN_15	1.10	1.11	0.22	0.22	RESIDENT
557996.0941605	557996.1	4160520	HLTN_16	1.15	1.14	0.22	0.22	RESIDENT
557996.0941605	557996.1	4160530	HLTN_17	1.19	1.18	0.22	0.22	RESIDENT
557996.0941605	557996.1	4160540	HLTN_18	1.24	1.22	0.22	0.22	RESIDENT
557996.0941605	557996.1	4160550	HLTN_19	1.28	1.27	0.22	0.22	RESIDENT
557996.0941605	557996.1	4160560	HLTN_20	1.33	1.31	0.22	0.23	RESIDENT
557996.0941605	557996.1	4160570	HLTN_21	1.38	1.35	0.22	0.23	RESIDENT
558006.0941604	558006.1	4160480	HLTN_22	1.04	1.06	0.22	0.22	RESIDENT
558006.0941604	558006.1	4160490	HLTN_23	1.09	1.10	0.22	0.22	RESIDENT
558006.0941605	558006.1	4160500	HLTN_24	1.13	1.14	0.23	0.22	RESIDENT
558006.0941605	558006.1	4160510	HLTN_25	1.18	1.19	0.23	0.23	RESIDENT
558006.0941605	558006.1	4160520	HLTN_26	1.23	1.23	0.23	0.23	RESIDENT
558006.0941605	558006.1	4160530	HLTN_27	1.29	1.28	0.23	0.23	RESIDENT
558006.0941605	558006.1	4160540	HLTN_28	1.34	1.33	0.23	0.23	RESIDENT
558006.0941605	558006.1	4160550	HLTN_29	1.40	1.38	0.23	0.23	RESIDENT
558006.0941605	558006.1	4160560	HLTN_30	1.45	1.43	0.23	0.23	RESIDENT
558006.0941605	558006.1	4160570	HLTN_31	1.51	1.48	0.23	0.23	RESIDENT
558016.0941604	558016.1	4160480	HLTN_32	1.11	1.12	0.23	0.23	RESIDENT
558016.0941604	558016.1	4160490	HLTN_33	1.16	1.17	0.23	0.23	RESIDENT
558016.0941605	558016.1	4160500	HLTN_34	1.21	1.22	0.23	0.23	RESIDENT
558016.0941605	558016.1	4160510	HLTN_35	1.27	1.27	0.23	0.23	RESIDENT
558016.0941605	558016.1	4160520	HLTN_36	1.33	1.32	0.24	0.24	RESIDENT
558016.0941605	558016.1	4160530	HLTN_37	1.39	1.38	0.24	0.24	RESIDENT
558016.0941605	558016.1	4160540	HLTN_38	1.45	1.44	0.24	0.24	RESIDENT
558016.0941605	558016.1	4160550	HLTN_39	1.52	1.50	0.24	0.24	RESIDENT
558016.0941605	558016.1	4160560	HLTN_40	1.58	1.56	0.24	0.24	RESIDENT
558016.0941605	558016.1	4160570	HLTN_41	1.65	1.63	0.24	0.24	RESIDENT
558026.0941604	558026.1	4160480	HLTN_42	1.17	1.19	0.24	0.24	RESIDENT
558026.0941604	558026.1	4160490	HLTN_43	1.23	1.25	0.24	0.24	RESIDENT
558026.0941605	558026.1	4160500	HLTN_44	1.29	1.30	0.24	0.24	RESIDENT
558026.0941605	558026.1	4160510	HLTN_45	1.36	1.36	0.24	0.24	RESIDENT
558026.0941605	558026.1	4160520	HLTN_46	1.43	1.42	0.24	0.24	RESIDENT

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558026.0941605	558026.1	4160530	HLTN_47	1.50	1.49	0.25	0.25	RESIDENT
558026.0941605	558026.1	4160540	HLTN_48	1.57	1.56	0.25	0.25	RESIDENT
558026.0941605	558026.1	4160550	HLTN_49	1.65	1.63	0.25	0.25	RESIDENT
558026.0941605	558026.1	4160560	HLTN_50	1.73	1.71	0.25	0.25	RESIDENT
558026.0941605	558026.1	4160570	HLTN_51	1.81	1.79	0.25	0.25	RESIDENT
558036.0941604	558036.1	4160480	HLTN_52	1.24	1.26	0.25	0.25	RESIDENT
558036.0941604	558036.1	4160490	HLTN_53	1.31	1.32	0.25	0.25	RESIDENT
558036.0941605	558036.1	4160500	HLTN_54	1.37	1.38	0.25	0.25	RESIDENT
558036.0941605	558036.1	4160510	HLTN_55	1.42	1.43	0.25	0.25	RESIDENT
558036.0941605	558036.1	4160520	HLTN_56	1.51	1.51	0.25	0.25	RESIDENT
558036.0941605	558036.1	4160530	HLTN_57	1.61	1.61	0.26	0.26	RESIDENT
558036.0941605	558036.1	4160540	HLTN_58	1.70	1.69	0.26	0.26	RESIDENT
558036.0941605	558036.1	4160550	HLTN_59	1.79	1.78	0.26	0.26	RESIDENT
558036.0941605	558036.1	4160560	HLTN_60	1.89	1.87	0.26	0.26	RESIDENT
558046.0941604	558046.1	4160480	HLTN_61	1.28	1.30	0.25	0.25	RESIDENT
558046.0941604	558046.1	4160490	HLTN_62	1.35	1.37	0.26	0.26	RESIDENT
558046.0941605	558046.1	4160500	HLTN_63	1.42	1.44	0.26	0.26	RESIDENT
558046.0941605	558046.1	4160510	HLTN_64	1.50	1.51	0.26	0.26	RESIDENT
558046.0941605	558046.1	4160520	HLTN_65	1.61	1.61	0.26	0.26	RESIDENT
558046.0941605	558046.1	4160530	HLTN_66	1.74	1.73	0.27	0.27	RESIDENT
558046.0941605	558046.1	4160540	HLTN_67	1.84	1.83	0.27	0.27	RESIDENT
558046.0941605	558046.1	4160550	HLTN_68	1.95	1.94	0.27	0.27	RESIDENT
558056.0941604	558056.1	4160480	HLTN_69	1.34	1.37	0.26	0.26	RESIDENT
558056.0941604	558056.1	4160490	HLTN_70	1.42	1.44	0.27	0.26	RESIDENT
558056.0941605	558056.1	4160500	HLTN_71	1.49	1.51	0.27	0.27	RESIDENT
558056.0941605	558056.1	4160510	HLTN_72	1.58	1.60	0.27	0.27	RESIDENT
558056.0941605	558056.1	4160520	HLTN_73	1.72	1.73	0.27	0.27	RESIDENT
558056.0941605	558056.1	4160530	HLTN_74	1.87	1.86	0.28	0.28	RESIDENT
558056.0941605	558056.1	4160540	HLTN_75	1.98	1.98	0.28	0.28	RESIDENT
558066.0941604	558066.1	4160480	HLTN_76	1.46	1.48	0.28	0.28	RESIDENT
558066.0941604	558066.1	4160490	HLTN_77	1.54	1.56	0.28	0.28	RESIDENT
558066.0941605	558066.1	4160500	HLTN_78	1.59	1.61	0.28	0.28	RESIDENT
558066.0941605	558066.1	4160510	HLTN_79	1.73	1.74	0.28	0.28	RESIDENT
558066.0941605	558066.1	4160520	HLTN_80	1.87	1.88	0.29	0.29	RESIDENT
558066.0941605	558066.1	4160530	HLTN_81	2.00	2.01	0.29	0.29	RESIDENT
558076.0941604	558076.1	4160480	HLTN_82	1.53	1.55	0.29	0.29	RESIDENT
558076.0941604	558076.1	4160490	HLTN_83	1.63	1.65	0.29	0.29	RESIDENT
558076.0941605	558076.1	4160500	HLTN_84	1.68	1.70	0.29	0.29	RESIDENT
558076.0941605	558076.1	4160510	HLTN_85	1.86	1.87	0.29	0.29	RESIDENT
558076.0941605	558076.1	4160520	HLTN_86	1.99	2.01	0.30	0.30	RESIDENT
558086.0941604	558086.1	4160490	HLTN_87	1.69	1.71	0.30	0.30	RESIDENT
558086.0941605	558086.1	4160500	HLTN_88	1.79	1.81	0.30	0.30	RESIDENT
558086.0941605	558086.1	4160510	HLTN_89	1.96	1.98	0.31	0.31	RESIDENT
558096.0941604	558096.1	4160490	HLTN_90	1.76	1.78	0.31	0.31	RESIDENT
558096.0941605	558096.1	4160500	HLTN_91	1.92	1.93	0.32	0.32	RESIDENT
558186.7841604	558186.8	4160496	WRKR_95	2.22	2.23	0.49	0.49	WORKER
558186.7841605	558186.8	4160506	WRKR_96	2.44	2.45	0.49	0.49	WORKER
558196.7841604	558196.8	4160496	WRKR_97	2.23	2.22	0.52	0.52	WORKER
558196.7841605	558196.8	4160506	WRKR_98	2.44	2.44	0.52	0.53	WORKER
558196.7841605	558196.8	4160516	WRKR_99	2.71	2.72	0.53	0.53	WORKER
558196.7841605	558196.8	4160526	WRKR_100	3.07	3.10	0.54	0.54	WORKER
558206.7841605	558206.8	4160506	WRKR_101	2.43	2.42	0.56	0.56	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558206.7841605	558206.8	4160516	WRKR_102	2.71	2.71	0.57	0.57	WORKER
558206.7841605	558206.8	4160526	WRKR_103	3.04	3.05	0.57	0.58	WORKER
558206.7841605	558206.8	4160536	WRKR_104	3.47	3.52	0.58	0.58	WORKER
558216.7841605	558216.8	4160516	WRKR_105	2.69	2.67	0.61	0.61	WORKER
558216.7841605	558216.8	4160526	WRKR_106	3.01	3.00	0.62	0.62	WORKER
558216.7841605	558216.8	4160536	WRKR_107	3.40	3.42	0.62	0.63	WORKER
558216.7841605	558216.8	4160546	WRKR_108	3.90	3.97	0.63	0.63	WORKER
558226.7841605	558226.8	4160526	WRKR_109	2.97	2.94	0.66	0.66	WORKER
558226.7841605	558226.8	4160536	WRKR_110	3.36	3.35	0.67	0.67	WORKER
558226.7841605	558226.8	4160546	WRKR_111	3.85	3.88	0.68	0.68	WORKER
558236.7841605	558236.8	4160536	WRKR_112	3.27	3.25	0.72	0.73	WORKER
558115.1741604	558115.2	4160403	WRKR_113	1.03	1.05	0.31	0.32	WORKER
558115.1741604	558115.2	4160413	WRKR_114	1.10	1.12	0.32	0.32	WORKER
558115.1741604	558115.2	4160423	WRKR_115	1.17	1.20	0.32	0.32	WORKER
558115.1741604	558115.2	4160433	WRKR_116	1.26	1.28	0.32	0.32	WORKER
558115.1741604	558115.2	4160443	WRKR_117	1.35	1.37	0.33	0.33	WORKER
558125.1741603	558125.2	4160393	WRKR_118	0.97	1.00	0.32	0.33	WORKER
558125.1741604	558125.2	4160403	WRKR_119	1.04	1.06	0.33	0.33	WORKER
558125.1741604	558125.2	4160413	WRKR_120	1.11	1.13	0.33	0.33	WORKER
558125.1741604	558125.2	4160423	WRKR_121	1.19	1.21	0.33	0.34	WORKER
558125.1741604	558125.2	4160433	WRKR_122	1.28	1.30	0.34	0.34	WORKER
558125.1741604	558125.2	4160443	WRKR_123	1.37	1.39	0.34	0.34	WORKER
558135.1741603	558135.2	4160373	WRKR_124	0.86	0.88	0.33	0.33	WORKER
558135.1741603	558135.2	4160383	WRKR_125	0.92	0.94	0.33	0.34	WORKER
558135.1741603	558135.2	4160393	WRKR_126	0.98	1.00	0.34	0.34	WORKER
558135.1741604	558135.2	4160403	WRKR_127	1.05	1.06	0.34	0.34	WORKER
558135.1741604	558135.2	4160413	WRKR_128	1.12	1.14	0.35	0.35	WORKER
558135.1741604	558135.2	4160423	WRKR_129	1.20	1.22	0.35	0.35	WORKER
558135.1741604	558135.2	4160433	WRKR_130	1.29	1.31	0.35	0.35	WORKER
558135.1741604	558135.2	4160443	WRKR_131	1.39	1.41	0.36	0.36	WORKER
558145.1741603	558145.2	4160373	WRKR_132	0.86	0.88	0.34	0.35	WORKER
558145.1741603	558145.2	4160383	WRKR_133	0.92	0.93	0.35	0.35	WORKER
558145.1741603	558145.2	4160393	WRKR_134	0.98	1.00	0.35	0.35	WORKER
558145.1741604	558145.2	4160403	WRKR_135	1.05	1.06	0.36	0.36	WORKER
558145.1741604	558145.2	4160413	WRKR_136	1.13	1.14	0.36	0.36	WORKER
558145.1741604	558145.2	4160423	WRKR_137	1.21	1.22	0.37	0.37	WORKER
558145.1741604	558145.2	4160433	WRKR_138	1.30	1.32	0.37	0.37	WORKER
558145.1741604	558145.2	4160443	WRKR_139	1.40	1.42	0.37	0.37	WORKER
558155.1741603	558155.2	4160373	WRKR_140	0.86	0.87	0.36	0.36	WORKER
558155.1741603	558155.2	4160383	WRKR_141	0.92	0.93	0.36	0.36	WORKER
558155.1741603	558155.2	4160393	WRKR_142	0.98	0.99	0.37	0.37	WORKER
558155.1741604	558155.2	4160403	WRKR_143	1.05	1.06	0.37	0.37	WORKER
558155.1741604	558155.2	4160413	WRKR_144	1.13	1.14	0.38	0.38	WORKER
558155.1741604	558155.2	4160423	WRKR_145	1.21	1.22	0.38	0.38	WORKER
558155.1741604	558155.2	4160433	WRKR_146	1.31	1.32	0.39	0.39	WORKER
558155.1741604	558155.2	4160443	WRKR_147	1.41	1.42	0.39	0.39	WORKER
558165.1741603	558165.2	4160363	WRKR_148	0.80	0.81	0.37	0.37	WORKER
558165.1741603	558165.2	4160373	WRKR_149	0.85	0.86	0.37	0.38	WORKER
558165.1741603	558165.2	4160383	WRKR_150	0.91	0.92	0.38	0.38	WORKER
558165.1741603	558165.2	4160393	WRKR_151	0.97	0.98	0.38	0.39	WORKER
558165.1741604	558165.2	4160403	WRKR_152	1.04	1.05	0.39	0.39	WORKER
558165.1741604	558165.2	4160413	WRKR_153	1.12	1.13	0.39	0.40	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558165.1741604	558165.2	4160423	WRKR_154	1.21	1.22	0.40	0.40	WORKER
558165.1741604	558165.2	4160433	WRKR_155	1.30	1.31	0.41	0.41	WORKER
558175.1741603	558175.2	4160363	WRKR_156	0.79	0.79	0.38	0.39	WORKER
558175.1741603	558175.2	4160373	WRKR_157	0.84	0.85	0.39	0.39	WORKER
558175.1741603	558175.2	4160383	WRKR_158	0.90	0.91	0.39	0.40	WORKER
558175.1741603	558175.2	4160393	WRKR_159	0.96	0.97	0.40	0.40	WORKER
558175.1741604	558175.2	4160403	WRKR_160	1.03	1.04	0.41	0.41	WORKER
558175.1741604	558175.2	4160413	WRKR_161	1.11	1.12	0.41	0.42	WORKER
558175.1741604	558175.2	4160423	WRKR_162	1.20	1.21	0.42	0.42	WORKER
558185.1741603	558185.2	4160363	WRKR_163	0.78	0.78	0.40	0.40	WORKER
558185.1741603	558185.2	4160373	WRKR_164	0.83	0.83	0.41	0.41	WORKER
558185.1741603	558185.2	4160383	WRKR_165	0.89	0.89	0.41	0.42	WORKER
558185.1741603	558185.2	4160393	WRKR_166	0.95	0.96	0.42	0.42	WORKER
558185.1741604	558185.2	4160403	WRKR_167	1.02	1.03	0.43	0.43	WORKER
558185.1741604	558185.2	4160413	WRKR_168	1.10	1.10	0.43	0.44	WORKER
558185.1741604	558185.2	4160423	WRKR_169	1.19	1.19	0.44	0.44	WORKER
558185.1741604	558185.2	4160433	WRKR_170	1.28	1.29	0.45	0.45	WORKER
558185.1741604	558185.2	4160443	WRKR_171	1.39	1.40	0.45	0.46	WORKER
558195.1741603	558195.2	4160363	WRKR_172	0.77	0.76	0.42	0.42	WORKER
558195.1741603	558195.2	4160373	WRKR_173	0.82	0.82	0.42	0.43	WORKER
558195.1741603	558195.2	4160383	WRKR_174	0.87	0.87	0.43	0.43	WORKER
558195.1741603	558195.2	4160393	WRKR_175	0.94	0.94	0.44	0.44	WORKER
558195.1741604	558195.2	4160403	WRKR_176	1.01	1.01	0.45	0.45	WORKER
558195.1741604	558195.2	4160413	WRKR_177	1.08	1.08	0.45	0.46	WORKER
558195.1741604	558195.2	4160423	WRKR_178	1.17	1.17	0.46	0.46	WORKER
558195.1741604	558195.2	4160433	WRKR_179	1.26	1.26	0.47	0.47	WORKER
558195.1741604	558195.2	4160443	WRKR_180	1.37	1.37	0.48	0.48	WORKER
558195.1741604	558195.2	4160453	WRKR_181	1.48	1.49	0.48	0.49	WORKER
558205.1741603	558205.2	4160363	WRKR_182	0.75	0.75	0.43	0.44	WORKER
558205.1741603	558205.2	4160373	WRKR_183	0.80	0.80	0.44	0.45	WORKER
558205.1741603	558205.2	4160383	WRKR_184	0.86	0.85	0.45	0.45	WORKER
558205.1741603	558205.2	4160393	WRKR_185	0.92	0.92	0.46	0.46	WORKER
558205.1741604	558205.2	4160403	WRKR_186	0.99	0.98	0.47	0.47	WORKER
558205.1741604	558205.2	4160413	WRKR_187	1.06	1.06	0.48	0.48	WORKER
558205.1741604	558205.2	4160423	WRKR_188	1.15	1.14	0.49	0.49	WORKER
558205.1741604	558205.2	4160433	WRKR_189	1.24	1.24	0.49	0.50	WORKER
558205.1741604	558205.2	4160443	WRKR_190	1.34	1.34	0.50	0.51	WORKER
558205.1741604	558205.2	4160453	WRKR_191	1.46	1.46	0.51	0.51	WORKER
558205.1741604	558205.2	4160463	WRKR_192	1.59	1.60	0.52	0.52	WORKER
558215.1741603	558215.2	4160363	WRKR_193	0.73	0.73	0.45	0.46	WORKER
558215.1741603	558215.2	4160373	WRKR_194	0.78	0.78	0.46	0.47	WORKER
558215.1741603	558215.2	4160383	WRKR_195	0.84	0.83	0.47	0.48	WORKER
558215.1741603	558215.2	4160393	WRKR_196	0.90	0.89	0.48	0.49	WORKER
558215.1741604	558215.2	4160403	WRKR_197	0.97	0.96	0.49	0.49	WORKER
558215.1741604	558215.2	4160413	WRKR_198	1.04	1.03	0.50	0.50	WORKER
558215.1741604	558215.2	4160423	WRKR_199	1.12	1.12	0.51	0.51	WORKER
558215.1741604	558215.2	4160433	WRKR_200	1.21	1.21	0.52	0.52	WORKER
558215.1741604	558215.2	4160443	WRKR_201	1.31	1.31	0.53	0.53	WORKER
558215.1741604	558215.2	4160453	WRKR_202	1.43	1.43	0.54	0.54	WORKER
558215.1741604	558215.2	4160463	WRKR_203	1.55	1.56	0.55	0.55	WORKER
558215.1741604	558215.2	4160473	WRKR_204	1.70	1.71	0.56	0.56	WORKER
558225.1741603	558225.2	4160363	WRKR_205	0.72	0.71	0.47	0.48	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558225.1741603	558225.2	4160373	WRKR_206	0.77	0.76	0.48	0.49	WORKER
558225.1741603	558225.2	4160383	WRKR_207	0.82	0.81	0.49	0.50	WORKER
558225.1741603	558225.2	4160393	WRKR_208	0.88	0.87	0.50	0.51	WORKER
558225.1741604	558225.2	4160403	WRKR_209	0.94	0.93	0.51	0.52	WORKER
558225.1741604	558225.2	4160413	WRKR_210	1.01	1.01	0.53	0.53	WORKER
558225.1741604	558225.2	4160423	WRKR_211	1.09	1.09	0.54	0.54	WORKER
558225.1741604	558225.2	4160433	WRKR_212	1.18	1.17	0.55	0.55	WORKER
558225.1741604	558225.2	4160443	WRKR_213	1.28	1.27	0.56	0.56	WORKER
558225.1741604	558225.2	4160453	WRKR_214	1.39	1.39	0.57	0.58	WORKER
558225.1741604	558225.2	4160463	WRKR_215	1.52	1.51	0.58	0.59	WORKER
558225.1741604	558225.2	4160473	WRKR_216	1.66	1.66	0.59	0.60	WORKER
558225.1741604	558225.2	4160483	WRKR_217	1.82	1.83	0.60	0.61	WORKER
558235.1741603	558235.2	4160363	WRKR_218	0.70	0.69	0.49	0.50	WORKER
558235.1741603	558235.2	4160373	WRKR_219	0.75	0.74	0.50	0.51	WORKER
558235.1741603	558235.2	4160383	WRKR_220	0.80	0.79	0.52	0.52	WORKER
558235.1741603	558235.2	4160393	WRKR_221	0.86	0.84	0.53	0.53	WORKER
558235.1741604	558235.2	4160403	WRKR_222	0.92	0.91	0.54	0.54	WORKER
558235.1741604	558235.2	4160413	WRKR_223	0.99	0.98	0.55	0.56	WORKER
558235.1741604	558235.2	4160423	WRKR_224	1.07	1.05	0.56	0.57	WORKER
558235.1741604	558235.2	4160433	WRKR_225	1.15	1.14	0.58	0.58	WORKER
558235.1741604	558235.2	4160443	WRKR_226	1.25	1.24	0.59	0.60	WORKER
558235.1741604	558235.2	4160453	WRKR_227	1.36	1.35	0.60	0.61	WORKER
558235.1741604	558235.2	4160463	WRKR_228	1.48	1.47	0.62	0.62	WORKER
558235.1741604	558235.2	4160473	WRKR_229	1.62	1.61	0.63	0.64	WORKER
558235.1741604	558235.2	4160483	WRKR_230	1.78	1.77	0.64	0.65	WORKER
558235.1741604	558235.2	4160493	WRKR_231	1.96	1.96	0.65	0.66	WORKER
558245.1741603	558245.2	4160363	WRKR_232	0.68	0.67	0.52	0.52	WORKER
558245.1741603	558245.2	4160373	WRKR_233	0.73	0.71	0.53	0.53	WORKER
558245.1741603	558245.2	4160383	WRKR_234	0.78	0.76	0.54	0.55	WORKER
558245.1741603	558245.2	4160393	WRKR_235	0.83	0.82	0.55	0.56	WORKER
558245.1741604	558245.2	4160403	WRKR_236	0.89	0.88	0.57	0.57	WORKER
558245.1741604	558245.2	4160413	WRKR_237	0.96	0.95	0.58	0.59	WORKER
558245.1741604	558245.2	4160423	WRKR_238	1.04	1.02	0.59	0.60	WORKER
558245.1741604	558245.2	4160433	WRKR_239	1.12	1.11	0.61	0.61	WORKER
558245.1741604	558245.2	4160443	WRKR_240	1.21	1.20	0.62	0.63	WORKER
558245.1741604	558245.2	4160453	WRKR_241	1.32	1.30	0.64	0.64	WORKER
558245.1741604	558245.2	4160463	WRKR_242	1.44	1.42	0.65	0.66	WORKER
558245.1741604	558245.2	4160473	WRKR_243	1.58	1.56	0.67	0.68	WORKER
558245.1741604	558245.2	4160483	WRKR_244	1.73	1.71	0.68	0.69	WORKER
558245.1741604	558245.2	4160493	WRKR_245	1.91	1.89	0.70	0.71	WORKER
558245.1741605	558245.2	4160503	WRKR_246	2.11	2.10	0.71	0.72	WORKER
558255.1741603	558255.2	4160363	WRKR_247	0.66	0.65	0.54	0.54	WORKER
558255.1741603	558255.2	4160373	WRKR_248	0.71	0.69	0.55	0.56	WORKER
558255.1741603	558255.2	4160383	WRKR_249	0.76	0.74	0.57	0.57	WORKER
558255.1741603	558255.2	4160393	WRKR_250	0.81	0.79	0.58	0.58	WORKER
558255.1741604	558255.2	4160403	WRKR_251	0.87	0.85	0.59	0.60	WORKER
558255.1741604	558255.2	4160413	WRKR_252	0.93	0.92	0.61	0.62	WORKER
558255.1741604	558255.2	4160423	WRKR_253	1.01	0.99	0.62	0.63	WORKER
558255.1741604	558255.2	4160433	WRKR_254	1.09	1.07	0.64	0.65	WORKER
558255.1741604	558255.2	4160443	WRKR_255	1.18	1.16	0.66	0.66	WORKER
558255.1741604	558255.2	4160453	WRKR_256	1.28	1.26	0.67	0.68	WORKER
558255.1741604	558255.2	4160463	WRKR_257	1.40	1.38	0.69	0.70	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558255.1741604	558255.2	4160473	WRKR_258	1.53	1.51	0.71	0.72	WORKER
558255.1741604	558255.2	4160483	WRKR_259	1.68	1.66	0.73	0.74	WORKER
558255.1741604	558255.2	4160493	WRKR_260	1.86	1.83	0.75	0.76	WORKER
558255.1741605	558255.2	4160503	WRKR_261	2.05	2.04	0.76	0.77	WORKER
558255.1741605	558255.2	4160513	WRKR_262	2.28	2.28	0.78	0.79	WORKER
558265.1741603	558265.2	4160363	WRKR_263	0.64	0.63	0.56	0.57	WORKER
558265.1741603	558265.2	4160373	WRKR_264	0.69	0.67	0.58	0.58	WORKER
558265.1741603	558265.2	4160383	WRKR_265	0.73	0.72	0.59	0.60	WORKER
558265.1741603	558265.2	4160393	WRKR_266	0.78	0.77	0.61	0.61	WORKER
558265.1741604	558265.2	4160403	WRKR_267	0.84	0.83	0.62	0.63	WORKER
558265.1741604	558265.2	4160413	WRKR_268	0.90	0.89	0.64	0.65	WORKER
558265.1741604	558265.2	4160423	WRKR_269	0.98	0.96	0.66	0.66	WORKER
558265.1741604	558265.2	4160433	WRKR_270	1.05	1.03	0.68	0.68	WORKER
558265.1741604	558265.2	4160443	WRKR_271	1.14	1.12	0.69	0.70	WORKER
558265.1741604	558265.2	4160453	WRKR_272	1.24	1.22	0.71	0.72	WORKER
558265.1741604	558265.2	4160463	WRKR_273	1.35	1.33	0.73	0.74	WORKER
558265.1741604	558265.2	4160473	WRKR_274	1.48	1.46	0.75	0.76	WORKER
558265.1741604	558265.2	4160483	WRKR_275	1.63	1.60	0.78	0.79	WORKER
558265.1741604	558265.2	4160493	WRKR_276	1.80	1.77	0.80	0.81	WORKER
558265.1741605	558265.2	4160503	WRKR_277	2.01	1.97	0.82	0.83	WORKER
558265.1741605	558265.2	4160513	WRKR_278	2.23	2.21	0.84	0.85	WORKER
558265.1741605	558265.2	4160523	WRKR_279	2.50	2.49	0.86	0.88	WORKER
558275.1741603	558275.2	4160363	WRKR_280	0.62	0.61	0.59	0.59	WORKER
558275.1741603	558275.2	4160373	WRKR_281	0.67	0.65	0.60	0.61	WORKER
558275.1741603	558275.2	4160383	WRKR_282	0.71	0.70	0.62	0.62	WORKER
558275.1741603	558275.2	4160393	WRKR_283	0.76	0.74	0.64	0.64	WORKER
558275.1741604	558275.2	4160403	WRKR_284	0.82	0.80	0.65	0.66	WORKER
558275.1741604	558275.2	4160413	WRKR_285	0.88	0.86	0.67	0.68	WORKER
558275.1741604	558275.2	4160423	WRKR_286	0.94	0.92	0.69	0.70	WORKER
558275.1741604	558275.2	4160433	WRKR_287	1.02	1.00	0.71	0.72	WORKER
558275.1741604	558275.2	4160443	WRKR_288	1.11	1.08	0.73	0.74	WORKER
558275.1741604	558275.2	4160453	WRKR_289	1.20	1.18	0.75	0.76	WORKER
558275.1741604	558275.2	4160463	WRKR_290	1.31	1.28	0.78	0.79	WORKER
558275.1741604	558275.2	4160473	WRKR_291	1.44	1.41	0.80	0.81	WORKER
558275.1741604	558275.2	4160483	WRKR_292	1.58	1.55	0.83	0.84	WORKER
558275.1741604	558275.2	4160493	WRKR_293	1.75	1.71	0.85	0.87	WORKER
558275.1741605	558275.2	4160503	WRKR_294	1.95	1.91	0.88	0.89	WORKER
558275.1741605	558275.2	4160513	WRKR_295	2.19	2.14	0.91	0.92	WORKER
558275.1741605	558275.2	4160523	WRKR_296	2.47	2.43	0.94	0.95	WORKER
558275.1741605	558275.2	4160533	WRKR_297	2.80	2.79	0.97	0.98	WORKER
558285.1741603	558285.2	4160363	WRKR_298	0.60	0.59	0.61	0.62	WORKER
558285.1741603	558285.2	4160373	WRKR_299	0.64	0.63	0.63	0.63	WORKER
558285.1741603	558285.2	4160383	WRKR_300	0.69	0.67	0.65	0.65	WORKER
558285.1741603	558285.2	4160393	WRKR_301	0.74	0.72	0.66	0.67	WORKER
558285.1741604	558285.2	4160403	WRKR_302	0.79	0.77	0.68	0.69	WORKER
558285.1741604	558285.2	4160413	WRKR_303	0.85	0.83	0.71	0.71	WORKER
558285.1741604	558285.2	4160423	WRKR_304	0.91	0.89	0.73	0.74	WORKER
558285.1741604	558285.2	4160433	WRKR_305	0.99	0.96	0.75	0.76	WORKER
558285.1741604	558285.2	4160443	WRKR_306	1.07	1.04	0.77	0.78	WORKER
558285.1741604	558285.2	4160453	WRKR_307	1.17	1.13	0.80	0.81	WORKER
558285.1741604	558285.2	4160463	WRKR_308	1.27	1.24	0.82	0.84	WORKER
558285.1741604	558285.2	4160473	WRKR_309	1.40	1.36	0.85	0.86	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558285.1741604	558285.2	4160483	WRKR_310	1.54	1.50	0.88	0.89	WORKER
558285.1741604	558285.2	4160493	WRKR_311	1.70	1.66	0.91	0.93	WORKER
558285.1741605	558285.2	4160503	WRKR_312	1.90	1.85	0.95	0.96	WORKER
558285.1741605	558285.2	4160513	WRKR_313	2.14	2.09	0.98	1.00	WORKER
558285.1741605	558285.2	4160523	WRKR_314	2.43	2.38	1.02	1.03	WORKER
558285.1741605	558285.2	4160533	WRKR_315	2.76	2.74	1.05	1.07	WORKER
558295.1741603	558295.2	4160363	WRKR_316	0.58	0.57	0.64	0.64	WORKER
558295.1741603	558295.2	4160373	WRKR_317	0.62	0.61	0.66	0.66	WORKER
558295.1741603	558295.2	4160383	WRKR_318	0.67	0.65	0.67	0.68	WORKER
558295.1741603	558295.2	4160393	WRKR_319	0.71	0.69	0.70	0.70	WORKER
558295.1741604	558295.2	4160403	WRKR_320	0.76	0.74	0.72	0.72	WORKER
558295.1741604	558295.2	4160413	WRKR_321	0.82	0.80	0.74	0.75	WORKER
558295.1741604	558295.2	4160423	WRKR_322	0.88	0.86	0.76	0.77	WORKER
558295.1741604	558295.2	4160433	WRKR_323	0.96	0.93	0.79	0.80	WORKER
558295.1741604	558295.2	4160443	WRKR_324	1.04	1.01	0.82	0.83	WORKER
558295.1741604	558295.2	4160453	WRKR_325	1.13	1.09	0.84	0.86	WORKER
558295.1741604	558295.2	4160463	WRKR_326	1.24	1.19	0.87	0.89	WORKER
558295.1741604	558295.2	4160473	WRKR_327	1.36	1.31	0.91	0.92	WORKER
558295.1741604	558295.2	4160483	WRKR_328	1.50	1.45	0.94	0.95	WORKER
558295.1741604	558295.2	4160493	WRKR_329	1.66	1.61	0.97	0.99	WORKER
558295.1741605	558295.2	4160503	WRKR_330	1.86	1.80	1.01	1.03	WORKER
558295.1741605	558295.2	4160513	WRKR_331	2.10	2.04	1.06	1.08	WORKER
558295.1741605	558295.2	4160523	WRKR_332	2.38	2.33	1.10	1.12	WORKER
558295.1741605	558295.2	4160533	WRKR_333	2.72	2.70	1.15	1.17	WORKER
558305.1741603	558305.2	4160363	WRKR_334	0.57	0.55	0.66	0.67	WORKER
558305.1741603	558305.2	4160373	WRKR_335	0.60	0.59	0.68	0.69	WORKER
558305.1741603	558305.2	4160383	WRKR_336	0.64	0.62	0.70	0.71	WORKER
558305.1741603	558305.2	4160393	WRKR_337	0.69	0.67	0.73	0.73	WORKER
558305.1741604	558305.2	4160403	WRKR_338	0.74	0.71	0.75	0.76	WORKER
558305.1741604	558305.2	4160413	WRKR_339	0.79	0.77	0.77	0.78	WORKER
558305.1741604	558305.2	4160423	WRKR_340	0.86	0.83	0.80	0.81	WORKER
558305.1741604	558305.2	4160433	WRKR_341	0.93	0.89	0.83	0.84	WORKER
558305.1741604	558305.2	4160443	WRKR_342	1.01	0.97	0.86	0.87	WORKER
558305.1741604	558305.2	4160453	WRKR_343	1.10	1.05	0.89	0.90	WORKER
558305.1741604	558305.2	4160463	WRKR_344	1.20	1.15	0.92	0.94	WORKER
558305.1741604	558305.2	4160473	WRKR_345	1.32	1.27	0.96	0.97	WORKER
558305.1741604	558305.2	4160483	WRKR_346	1.46	1.40	1.00	1.02	WORKER
558305.1741604	558305.2	4160493	WRKR_347	1.62	1.56	1.04	1.06	WORKER
558305.1741605	558305.2	4160503	WRKR_348	1.82	1.75	1.09	1.11	WORKER
558305.1741605	558305.2	4160513	WRKR_349	2.05	1.99	1.14	1.16	WORKER
558305.1741605	558305.2	4160523	WRKR_350	2.34	2.29	1.19	1.22	WORKER
558305.1741605	558305.2	4160533	WRKR_351	2.68	2.66	1.25	1.28	WORKER
558315.1741603	558315.2	4160363	WRKR_352	0.55	0.53	0.69	0.70	WORKER
558315.1741603	558315.2	4160373	WRKR_353	0.58	0.56	0.71	0.72	WORKER
558315.1741603	558315.2	4160383	WRKR_354	0.62	0.60	0.73	0.74	WORKER
558315.1741603	558315.2	4160393	WRKR_355	0.66	0.64	0.76	0.77	WORKER
558315.1741604	558315.2	4160403	WRKR_356	0.71	0.69	0.78	0.79	WORKER
558315.1741604	558315.2	4160413	WRKR_357	0.77	0.74	0.81	0.82	WORKER
558315.1741604	558315.2	4160423	WRKR_358	0.83	0.79	0.84	0.85	WORKER
558315.1741604	558315.2	4160433	WRKR_359	0.90	0.86	0.87	0.88	WORKER
558315.1741604	558315.2	4160443	WRKR_360	0.97	0.93	0.90	0.91	WORKER
558315.1741604	558315.2	4160453	WRKR_361	1.06	1.01	0.94	0.95	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558315.1741604	558315.2	4160463	WRKR_362	1.16	1.11	0.98	0.99	WORKER
558315.1741604	558315.2	4160473	WRKR_363	1.28	1.22	1.02	1.03	WORKER
558315.1741604	558315.2	4160483	WRKR_364	1.42	1.36	1.06	1.08	WORKER
558315.1741604	558315.2	4160493	WRKR_365	1.58	1.51	1.11	1.13	WORKER
558315.1741605	558315.2	4160503	WRKR_366	1.78	1.71	1.16	1.19	WORKER
558315.1741605	558315.2	4160513	WRKR_367	2.01	1.95	1.22	1.25	WORKER
558315.1741605	558315.2	4160523	WRKR_368	2.30	2.24	1.29	1.32	WORKER
558315.1741605	558315.2	4160533	WRKR_369	2.63	2.61	1.36	1.40	WORKER
558325.1741603	558325.2	4160363	WRKR_370	0.53	0.51	0.72	0.73	WORKER
558325.1741603	558325.2	4160373	WRKR_371	0.56	0.54	0.74	0.75	WORKER
558325.1741603	558325.2	4160383	WRKR_372	0.60	0.58	0.76	0.77	WORKER
558325.1741603	558325.2	4160393	WRKR_373	0.64	0.61	0.79	0.80	WORKER
558325.1741604	558325.2	4160403	WRKR_374	0.69	0.66	0.82	0.83	WORKER
558325.1741604	558325.2	4160413	WRKR_375	0.74	0.71	0.85	0.86	WORKER
558325.1741604	558325.2	4160423	WRKR_376	0.80	0.76	0.88	0.89	WORKER
558325.1741604	558325.2	4160433	WRKR_377	0.87	0.82	0.91	0.92	WORKER
558325.1741604	558325.2	4160443	WRKR_378	0.94	0.89	0.95	0.96	WORKER
558325.1741604	558325.2	4160453	WRKR_379	1.03	0.98	0.99	1.00	WORKER
558325.1741604	558325.2	4160463	WRKR_380	1.13	1.07	1.03	1.04	WORKER
558325.1741604	558325.2	4160473	WRKR_381	1.25	1.18	1.07	1.09	WORKER
558325.1741604	558325.2	4160483	WRKR_382	1.38	1.31	1.12	1.14	WORKER
558325.1741604	558325.2	4160493	WRKR_383	1.55	1.47	1.18	1.20	WORKER
558325.1741605	558325.2	4160503	WRKR_384	1.74	1.67	1.24	1.27	WORKER
558325.1741605	558325.2	4160513	WRKR_385	1.98	1.90	1.31	1.34	WORKER
558325.1741605	558325.2	4160523	WRKR_386	2.26	2.20	1.39	1.43	WORKER
558325.1741605	558325.2	4160533	WRKR_387	2.58	2.57	1.48	1.52	WORKER
558335.1741603	558335.2	4160363	WRKR_388	0.51	0.49	0.75	0.75	WORKER
558335.1741603	558335.2	4160373	WRKR_389	0.54	0.52	0.77	0.78	WORKER
558335.1741603	558335.2	4160383	WRKR_390	0.58	0.55	0.80	0.80	WORKER
558335.1741603	558335.2	4160393	WRKR_391	0.62	0.59	0.82	0.83	WORKER
558335.1741604	558335.2	4160403	WRKR_392	0.66	0.63	0.85	0.86	WORKER
558335.1741604	558335.2	4160413	WRKR_393	0.72	0.68	0.88	0.89	WORKER
558335.1741604	558335.2	4160423	WRKR_394	0.77	0.73	0.92	0.93	WORKER
558335.1741604	558335.2	4160433	WRKR_395	0.84	0.79	0.95	0.96	WORKER
558335.1741604	558335.2	4160443	WRKR_396	0.91	0.86	0.99	1.00	WORKER
558335.1741604	558335.2	4160453	WRKR_397	1.00	0.94	1.03	1.05	WORKER
558335.1741604	558335.2	4160463	WRKR_398	1.10	1.03	1.08	1.09	WORKER
558335.1741604	558335.2	4160473	WRKR_399	1.21	1.14	1.13	1.15	WORKER
558335.1741604	558335.2	4160483	WRKR_400	1.35	1.27	1.18	1.20	WORKER
558335.1741604	558335.2	4160493	WRKR_401	1.51	1.43	1.25	1.27	WORKER
558335.1741605	558335.2	4160503	WRKR_402	1.70	1.62	1.32	1.35	WORKER
558335.1741605	558335.2	4160513	WRKR_403	1.93	1.86	1.40	1.43	WORKER
558335.1741605	558335.2	4160523	WRKR_404	2.21	2.16	1.49	1.53	WORKER
558335.1741605	558335.2	4160533	WRKR_405	2.52	2.51	1.59	1.65	WORKER
558345.1741603	558345.2	4160363	WRKR_406	0.49	0.47	0.78	0.78	WORKER
558345.1741603	558345.2	4160373	WRKR_407	0.52	0.50	0.80	0.81	WORKER
558345.1741603	558345.2	4160383	WRKR_408	0.56	0.53	0.83	0.84	WORKER
558345.1741603	558345.2	4160393	WRKR_409	0.60	0.56	0.86	0.87	WORKER
558345.1741604	558345.2	4160403	WRKR_410	0.64	0.60	0.89	0.90	WORKER
558345.1741604	558345.2	4160413	WRKR_411	0.69	0.65	0.92	0.93	WORKER
558345.1741604	558345.2	4160423	WRKR_412	0.75	0.70	0.96	0.97	WORKER
558345.1741604	558345.2	4160433	WRKR_413	0.81	0.76	0.99	1.01	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558345.1741604	558345.2	4160443	WRKR_414	0.88	0.82	1.03	1.04	WORKER
558345.1741604	558345.2	4160453	WRKR_415	0.97	0.90	1.08	1.09	WORKER
558345.1741604	558345.2	4160463	WRKR_416	1.07	1.00	1.13	1.15	WORKER
558345.1741604	558345.2	4160473	WRKR_417	1.18	1.10	1.18	1.20	WORKER
558345.1741604	558345.2	4160483	WRKR_418	1.31	1.24	1.25	1.27	WORKER
558345.1741604	558345.2	4160493	WRKR_419	1.47	1.39	1.31	1.34	WORKER
558345.1741605	558345.2	4160503	WRKR_420	1.66	1.58	1.39	1.42	WORKER
558345.1741605	558345.2	4160513	WRKR_421	1.89	1.82	1.48	1.52	WORKER
558345.1741605	558345.2	4160523	WRKR_422	2.15	2.11	1.59	1.63	WORKER
558345.1741605	558345.2	4160533	WRKR_423	2.46	2.45	1.71	1.77	WORKER
558355.1741603	558355.2	4160363	WRKR_424	0.48	0.45	0.81	0.81	WORKER
558355.1741603	558355.2	4160373	WRKR_425	0.51	0.48	0.83	0.84	WORKER
558355.1741603	558355.2	4160383	WRKR_426	0.54	0.51	0.86	0.87	WORKER
558355.1741603	558355.2	4160393	WRKR_427	0.58	0.54	0.90	0.90	WORKER
558355.1741604	558355.2	4160403	WRKR_428	0.62	0.58	0.93	0.94	WORKER
558355.1741604	558355.2	4160413	WRKR_429	0.67	0.62	0.96	0.97	WORKER
558355.1741604	558355.2	4160423	WRKR_430	0.72	0.67	1.00	1.01	WORKER
558355.1741604	558355.2	4160433	WRKR_431	0.79	0.73	1.04	1.05	WORKER
558355.1741604	558355.2	4160443	WRKR_432	0.86	0.79	1.08	1.09	WORKER
558355.1741604	558355.2	4160453	WRKR_433	0.94	0.87	1.13	1.14	WORKER
558355.1741604	558355.2	4160463	WRKR_434	1.04	0.96	1.18	1.20	WORKER
558355.1741604	558355.2	4160473	WRKR_435	1.15	1.07	1.24	1.26	WORKER
558355.1741604	558355.2	4160483	WRKR_436	1.28	1.20	1.30	1.33	WORKER
558355.1741604	558355.2	4160493	WRKR_437	1.44	1.36	1.38	1.40	WORKER
558355.1741605	558355.2	4160503	WRKR_438	1.62	1.55	1.46	1.49	WORKER
558355.1741605	558355.2	4160513	WRKR_439	1.84	1.77	1.56	1.60	WORKER
558355.1741605	558355.2	4160523	WRKR_440	2.09	2.05	1.68	1.73	WORKER
558355.1741605	558355.2	4160533	WRKR_441	2.38	2.38	1.81	1.88	WORKER
558365.1741603	558365.2	4160363	WRKR_442	0.46	0.43	0.84	0.85	WORKER
558365.1741603	558365.2	4160373	WRKR_443	0.49	0.46	0.87	0.88	WORKER
558365.1741603	558365.2	4160383	WRKR_444	0.52	0.49	0.90	0.91	WORKER
558365.1741603	558365.2	4160393	WRKR_445	0.56	0.52	0.93	0.94	WORKER
558365.1741604	558365.2	4160403	WRKR_446	0.60	0.56	0.97	0.98	WORKER
558365.1741604	558365.2	4160413	WRKR_447	0.65	0.60	1.00	1.01	WORKER
558365.1741604	558365.2	4160423	WRKR_448	0.70	0.65	1.04	1.05	WORKER
558365.1741604	558365.2	4160433	WRKR_449	0.77	0.70	1.08	1.09	WORKER
558365.1741604	558365.2	4160443	WRKR_450	0.84	0.77	1.13	1.14	WORKER
558365.1741604	558365.2	4160453	WRKR_451	0.92	0.84	1.18	1.19	WORKER
558365.1741604	558365.2	4160463	WRKR_452	1.01	0.93	1.24	1.25	WORKER
558365.1741604	558365.2	4160473	WRKR_453	1.12	1.04	1.30	1.31	WORKER
558365.1741604	558365.2	4160483	WRKR_454	1.25	1.17	1.36	1.39	WORKER
558365.1741604	558365.2	4160493	WRKR_455	1.40	1.32	1.44	1.47	WORKER
558365.1741605	558365.2	4160503	WRKR_456	1.58	1.51	1.53	1.57	WORKER
558365.1741605	558365.2	4160513	WRKR_457	1.78	1.73	1.64	1.68	WORKER
558365.1741605	558365.2	4160523	WRKR_458	2.02	1.99	1.76	1.81	WORKER
558365.1741605	558365.2	4160533	WRKR_459	2.30	2.30	1.91	1.98	WORKER
558375.1741603	558375.2	4160363	WRKR_460	0.45	0.42	0.88	0.88	WORKER
558375.1741603	558375.2	4160373	WRKR_461	0.48	0.44	0.91	0.92	WORKER
558375.1741603	558375.2	4160383	WRKR_462	0.51	0.47	0.94	0.95	WORKER
558375.1741603	558375.2	4160393	WRKR_463	0.55	0.50	0.97	0.98	WORKER
558375.1741604	558375.2	4160403	WRKR_464	0.59	0.54	1.01	1.02	WORKER
558375.1741604	558375.2	4160413	WRKR_465	0.63	0.58	1.05	1.06	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558375.1741604	558375.2	4160423	WRKR_466	0.69	0.63	1.09	1.10	WORKER
558375.1741604	558375.2	4160433	WRKR_467	0.75	0.68	1.13	1.14	WORKER
558375.1741604	558375.2	4160443	WRKR_468	0.82	0.74	1.18	1.19	WORKER
558375.1741604	558375.2	4160453	WRKR_469	0.89	0.82	1.23	1.25	WORKER
558375.1741604	558375.2	4160463	WRKR_470	0.99	0.91	1.29	1.30	WORKER
558375.1741604	558375.2	4160473	WRKR_471	1.10	1.01	1.35	1.37	WORKER
558375.1741604	558375.2	4160483	WRKR_472	1.22	1.14	1.43	1.45	WORKER
558375.1741604	558375.2	4160493	WRKR_473	1.37	1.29	1.51	1.53	WORKER
558375.1741605	558375.2	4160503	WRKR_474	1.54	1.47	1.60	1.64	WORKER
558375.1741605	558375.2	4160513	WRKR_475	1.73	1.68	1.72	1.76	WORKER
558375.1741605	558375.2	4160523	WRKR_476	1.96	1.93	1.85	1.90	WORKER
558375.1741605	558375.2	4160533	WRKR_477	2.23	2.22	2.01	2.08	WORKER
558385.1741603	558385.2	4160363	WRKR_478	0.44	0.40	0.91	0.92	WORKER
558385.1741603	558385.2	4160373	WRKR_479	0.46	0.43	0.95	0.96	WORKER
558385.1741603	558385.2	4160383	WRKR_480	0.50	0.46	0.98	0.99	WORKER
558385.1741603	558385.2	4160393	WRKR_481	0.53	0.49	1.01	1.02	WORKER
558385.1741604	558385.2	4160403	WRKR_482	0.57	0.52	1.05	1.06	WORKER
558385.1741604	558385.2	4160413	WRKR_483	0.62	0.56	1.09	1.10	WORKER
558385.1741604	558385.2	4160423	WRKR_484	0.67	0.61	1.13	1.15	WORKER
558385.1741604	558385.2	4160433	WRKR_485	0.73	0.66	1.18	1.19	WORKER
558385.1741604	558385.2	4160443	WRKR_486	0.80	0.73	1.23	1.24	WORKER
558385.1741604	558385.2	4160453	WRKR_487	0.88	0.80	1.28	1.30	WORKER
558385.1741604	558385.2	4160463	WRKR_488	0.97	0.89	1.34	1.36	WORKER
558385.1741604	558385.2	4160473	WRKR_489	1.07	0.99	1.41	1.43	WORKER
558385.1741604	558385.2	4160483	WRKR_490	1.19	1.12	1.49	1.51	WORKER
558385.1741604	558385.2	4160493	WRKR_491	1.34	1.26	1.58	1.60	WORKER
558385.1741605	558385.2	4160503	WRKR_492	1.50	1.43	1.68	1.71	WORKER
558385.1741605	558385.2	4160513	WRKR_493	1.69	1.64	1.79	1.84	WORKER
558385.1741605	558385.2	4160523	WRKR_494	1.90	1.87	1.93	1.99	WORKER
558385.1741605	558385.2	4160533	WRKR_495	2.15	2.14	2.10	2.18	WORKER
558395.1741603	558395.2	4160363	WRKR_496	0.43	0.39	0.95	0.96	WORKER
558395.1741603	558395.2	4160373	WRKR_497	0.45	0.42	0.99	0.99	WORKER
558395.1741603	558395.2	4160383	WRKR_498	0.48	0.44	1.02	1.03	WORKER
558395.1741603	558395.2	4160393	WRKR_499	0.52	0.47	1.06	1.07	WORKER
558395.1741604	558395.2	4160403	WRKR_500	0.56	0.51	1.10	1.11	WORKER
558395.1741604	558395.2	4160413	WRKR_501	0.60	0.55	1.14	1.15	WORKER
558395.1741604	558395.2	4160423	WRKR_502	0.66	0.60	1.18	1.19	WORKER
558395.1741604	558395.2	4160433	WRKR_503	0.72	0.65	1.23	1.24	WORKER
558395.1741604	558395.2	4160443	WRKR_504	0.78	0.71	1.28	1.30	WORKER
558395.1741604	558395.2	4160453	WRKR_505	0.86	0.79	1.34	1.35	WORKER
558395.1741604	558395.2	4160463	WRKR_506	0.95	0.87	1.40	1.42	WORKER
558395.1741604	558395.2	4160473	WRKR_507	1.05	0.98	1.47	1.49	WORKER
558395.1741604	558395.2	4160483	WRKR_508	1.17	1.10	1.55	1.57	WORKER
558395.1741604	558395.2	4160493	WRKR_509	1.31	1.24	1.64	1.67	WORKER
558395.1741605	558395.2	4160503	WRKR_510	1.47	1.41	1.75	1.78	WORKER
558395.1741605	558395.2	4160513	WRKR_511	1.64	1.60	1.87	1.92	WORKER
557513.4841606	557513.5	4160679	HOTEL_1	0.13	0.13	0.07	0.07	RESIDENT
557513.4841606	557513.5	4160689	HOTEL_2	0.13	0.13	0.07	0.07	RESIDENT
557513.4841606	557513.5	4160699	HOTEL_3	0.13	0.12	0.07	0.07	RESIDENT
557513.4841607	557513.5	4160709	HOTEL_4	0.13	0.12	0.07	0.07	RESIDENT
557513.4841607	557513.5	4160719	HOTEL_5	0.13	0.12	0.07	0.07	RESIDENT
557513.4841607	557513.5	4160729	HOTEL_6	0.13	0.12	0.07	0.07	RESIDENT

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
557523.4841606	557523.5	4160679	HOTEL_7	0.13	0.13	0.07	0.07	RESIDENT
557523.4841606	557523.5	4160689	HOTEL_8	0.13	0.13	0.07	0.07	RESIDENT
557523.4841606	557523.5	4160699	HOTEL_9	0.13	0.13	0.07	0.07	RESIDENT
557523.4841607	557523.5	4160709	HOTEL_10	0.13	0.13	0.07	0.07	RESIDENT
557523.4841607	557523.5	4160719	HOTEL_11	0.13	0.12	0.07	0.07	RESIDENT
557523.4841607	557523.5	4160729	HOTEL_12	0.13	0.12	0.07	0.07	RESIDENT
557533.4841606	557533.5	4160679	HOTEL_13	0.13	0.13	0.07	0.07	RESIDENT
557533.4841606	557533.5	4160689	HOTEL_14	0.13	0.13	0.07	0.07	RESIDENT
557533.4841606	557533.5	4160699	HOTEL_15	0.13	0.13	0.07	0.07	RESIDENT
557533.4841607	557533.5	4160709	HOTEL_16	0.13	0.13	0.07	0.07	RESIDENT
557533.4841607	557533.5	4160719	HOTEL_17	0.13	0.13	0.07	0.07	RESIDENT
557533.4841607	557533.5	4160729	HOTEL_18	0.13	0.13	0.07	0.07	RESIDENT
557543.4841606	557543.5	4160679	HOTEL_19	0.14	0.14	0.08	0.07	RESIDENT
557543.4841606	557543.5	4160689	HOTEL_20	0.14	0.14	0.08	0.07	RESIDENT
557543.4841606	557543.5	4160699	HOTEL_21	0.14	0.13	0.08	0.07	RESIDENT
557543.4841607	557543.5	4160709	HOTEL_22	0.14	0.13	0.08	0.07	RESIDENT
557543.4841607	557543.5	4160719	HOTEL_23	0.14	0.13	0.08	0.07	RESIDENT
557543.4841607	557543.5	4160729	HOTEL_24	0.14	0.13	0.08	0.07	RESIDENT
557553.4841606	557553.5	4160679	HOTEL_25	0.14	0.14	0.08	0.08	RESIDENT
557553.4841606	557553.5	4160689	HOTEL_26	0.14	0.14	0.08	0.08	RESIDENT
557553.4841606	557553.5	4160699	HOTEL_27	0.14	0.14	0.08	0.08	RESIDENT
557553.4841607	557553.5	4160709	HOTEL_28	0.14	0.14	0.08	0.08	RESIDENT
557553.4841607	557553.5	4160719	HOTEL_29	0.14	0.14	0.08	0.08	RESIDENT
557553.4841607	557553.5	4160729	HOTEL_30	0.14	0.14	0.08	0.08	RESIDENT
557563.4841606	557563.5	4160679	HOTEL_31	0.15	0.15	0.08	0.08	RESIDENT
557563.4841606	557563.5	4160689	HOTEL_32	0.15	0.15	0.08	0.08	RESIDENT
557563.4841606	557563.5	4160699	HOTEL_33	0.15	0.14	0.08	0.08	RESIDENT
557563.4841607	557563.5	4160709	HOTEL_34	0.15	0.14	0.08	0.08	RESIDENT
557563.4841607	557563.5	4160719	HOTEL_35	0.15	0.14	0.08	0.08	RESIDENT
557563.4841607	557563.5	4160729	HOTEL_36	0.15	0.14	0.08	0.08	RESIDENT
557573.4841606	557573.5	4160679	HOTEL_37	0.15	0.15	0.08	0.08	RESIDENT
557573.4841606	557573.5	4160689	HOTEL_38	0.15	0.15	0.08	0.08	RESIDENT
557573.4841606	557573.5	4160699	HOTEL_39	0.15	0.15	0.08	0.08	RESIDENT
557573.4841607	557573.5	4160709	HOTEL_40	0.15	0.15	0.08	0.08	RESIDENT
557573.4841607	557573.5	4160719	HOTEL_41	0.15	0.14	0.08	0.08	RESIDENT
557573.4841607	557573.5	4160729	HOTEL_42	0.15	0.14	0.08	0.08	RESIDENT
557583.4841606	557583.5	4160679	HOTEL_43	0.16	0.16	0.08	0.08	RESIDENT
557583.4841606	557583.5	4160689	HOTEL_44	0.16	0.15	0.08	0.08	RESIDENT
557583.4841606	557583.5	4160699	HOTEL_45	0.16	0.15	0.08	0.08	RESIDENT
557583.4841607	557583.5	4160709	HOTEL_46	0.16	0.15	0.08	0.08	RESIDENT
557583.4841607	557583.5	4160719	HOTEL_47	0.16	0.15	0.08	0.08	RESIDENT
557583.4841607	557583.5	4160729	HOTEL_48	0.16	0.15	0.08	0.08	RESIDENT
557593.4841606	557593.5	4160679	HOTEL_49	0.16	0.16	0.08	0.08	RESIDENT
557593.4841606	557593.5	4160689	HOTEL_50	0.16	0.16	0.08	0.08	RESIDENT
557593.4841606	557593.5	4160699	HOTEL_51	0.16	0.16	0.08	0.08	RESIDENT
557593.4841607	557593.5	4160709	HOTEL_52	0.16	0.16	0.08	0.08	RESIDENT
557593.4841607	557593.5	4160719	HOTEL_53	0.16	0.15	0.08	0.08	RESIDENT
557593.4841607	557593.5	4160729	HOTEL_54	0.16	0.15	0.08	0.08	RESIDENT
557603.4841606	557603.5	4160679	HOTEL_55	0.17	0.17	0.08	0.08	RESIDENT
557603.4841606	557603.5	4160689	HOTEL_56	0.17	0.16	0.08	0.08	RESIDENT
557603.4841606	557603.5	4160699	HOTEL_57	0.17	0.16	0.08	0.08	RESIDENT
557603.4841607	557603.5	4160709	HOTEL_58	0.17	0.16	0.08	0.08	RESIDENT

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
557603.4841607	557603.5	4160719	HOTEL_59	0.17	0.16	0.08	0.08	RESIDENT
557613.4841606	557613.5	4160679	HOTEL_60	0.17	0.17	0.09	0.08	RESIDENT
557613.4841606	557613.5	4160689	HOTEL_61	0.17	0.17	0.09	0.08	RESIDENT
557613.4841606	557613.5	4160699	HOTEL_62	0.17	0.17	0.09	0.08	RESIDENT
557613.4841607	557613.5	4160709	HOTEL_63	0.17	0.17	0.09	0.08	RESIDENT
557623.4841606	557623.5	4160689	HOTEL_64	0.18	0.18	0.09	0.09	RESIDENT
557623.4841606	557623.5	4160699	HOTEL_65	0.18	0.17	0.09	0.09	RESIDENT
557623.4841607	557623.5	4160709	HOTEL_66	0.18	0.17	0.09	0.09	RESIDENT
558477.6641605	558477.7	4160569	WRKR_51	2.31	2.41	4.87	5.32	WORKER
558477.6641605	558477.7	4160579	WRKR_51	2.53	2.67	5.63	6.31	WORKER
558477.6641605	558477.7	4160589	WRKR_51	2.78	2.96	6.66	7.74	WORKER
558477.6641605	558477.7	4160599	WRKR_51	3.05	3.28	8.09	9.94	WORKER
558487.6641605	558487.7	4160569	WRKR_51	2.20	2.31	5.07	5.54	WORKER
558487.6641605	558487.7	4160579	WRKR_51	2.39	2.54	5.77	6.46	WORKER
558487.6641605	558487.7	4160589	WRKR_51	2.60	2.79	6.68	7.71	WORKER
558487.6641605	558487.7	4160599	WRKR_51	2.83	3.07	7.95	9.56	WORKER
558497.6641605	558497.7	4160569	WRKR_52	2.12	2.24	5.36	5.92	WORKER
558497.6641605	558497.7	4160579	WRKR_52	2.30	2.45	6.04	6.81	WORKER
558497.6641605	558497.7	4160589	WRKR_52	2.49	2.68	6.95	8.06	WORKER
558497.6641605	558497.7	4160599	WRKR_52	2.68	2.91	8.20	9.84	WORKER
558507.6641605	558507.7	4160569	WRKR_52	2.06	2.18	5.85	6.55	WORKER
558507.6641605	558507.7	4160579	WRKR_52	2.22	2.37	6.52	7.45	WORKER
558507.6641605	558507.7	4160589	WRKR_52	2.39	2.58	7.51	8.85	WORKER
558507.6641605	558507.7	4160599	WRKR_52	2.56	2.79	8.87	10.83	WORKER
558517.6641605	558517.7	4160569	WRKR_52	1.99	2.12	6.43	7.34	WORKER
558517.6641605	558517.7	4160579	WRKR_52	2.14	2.29	7.14	8.36	WORKER
558517.6641605	558517.7	4160589	WRKR_53	2.29	2.47	8.15	9.83	WORKER
558517.6641605	558517.7	4160599	WRKR_53	2.44	2.65	9.66	12.09	WORKER
558527.6641605	558527.7	4160569	WRKR_53	1.92	2.05	7.14	8.41	WORKER
558527.6641605	558527.7	4160579	WRKR_53	2.05	2.20	7.95	9.65	WORKER
558527.6641605	558527.7	4160589	WRKR_53	2.18	2.36	9.06	11.37	WORKER
558527.6641605	558527.7	4160599	WRKR_53	2.31	2.52	8.39	13.99	WORKER
558537.6641605	558537.7	4160569	WRKR_53	1.85	1.98	8.15	10.05	WORKER
558537.6641605	558537.7	4160579	WRKR_53	1.97	2.12	9.06	11.63	WORKER
558537.6641605	558537.7	4160589	WRKR_53	2.08	2.26	7.64	13.82	WORKER
558537.6641605	558537.7	4160599	WRKR_53	2.19	2.38	8.52	10.81	WORKER
558547.6641605	558547.7	4160569	WRKR_54	1.78	1.91	9.57	12.54	WORKER
558547.6641605	558547.7	4160579	WRKR_54	1.89	2.04	7.55	9.42	WORKER
558547.6641605	558547.7	4160589	WRKR_54	1.98	2.15	5.67	6.61	WORKER
558557.6641605	558557.7	4160569	WRKR_54	1.72	1.85	5.37	6.32	WORKER
558600.6441605	558600.6	4160569	WRKR_54	1.45	1.58	6.94	8.84	WORKER
558600.6441605	558600.6	4160579	WRKR_54	1.50	1.64	7.08	9.07	WORKER
558600.6441605	558600.6	4160589	WRKR_54	1.54	1.68	8.51	11.40	WORKER
558600.6441605	558600.6	4160599	WRKR_54	1.57	1.71	7.72	9.91	WORKER
558610.6441605	558610.6	4160569	WRKR_54	1.39	1.51	8.35	10.95	WORKER
558610.6441605	558610.6	4160579	WRKR_54	1.43	1.56	7.72	9.78	WORKER
558610.6441605	558610.6	4160589	WRKR_55	1.46	1.59	7.10	8.73	WORKER
558610.6441605	558610.6	4160599	WRKR_55	1.49	1.62	6.45	7.71	WORKER
558620.6441605	558620.6	4160569	WRKR_55	1.33	1.45	7.11	8.60	WORKER
558620.6441605	558620.6	4160579	WRKR_55	1.36	1.48	6.57	7.80	WORKER
558620.6441605	558620.6	4160589	WRKR_55	1.39	1.51	6.07	7.07	WORKER
558620.6441605	558620.6	4160599	WRKR_55	1.41	1.53	5.53	6.33	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558630.6441605	558630.6	4160569	WRKR_556	1.27	1.38	6.13	7.05	WORKER
558630.6441605	558630.6	4160579	WRKR_557	1.30	1.41	5.70	6.49	WORKER
558630.6441605	558630.6	4160589	WRKR_558	1.32	1.43	5.25	5.90	WORKER
558630.6441605	558630.6	4160599	WRKR_559	1.34	1.45	4.77	5.31	WORKER
558640.6441605	558640.6	4160569	WRKR_560	1.21	1.32	5.34	5.96	WORKER
558640.6441605	558640.6	4160579	WRKR_561	1.24	1.34	4.97	5.51	WORKER
558640.6441605	558640.6	4160589	WRKR_562	1.25	1.36	4.56	5.02	WORKER
558640.6441605	558640.6	4160599	WRKR_563	1.27	1.37	4.16	4.54	WORKER
558650.6441605	558650.6	4160569	WRKR_564	1.16	1.26	4.70	5.15	WORKER
558650.6441605	558650.6	4160579	WRKR_565	1.18	1.28	4.38	4.77	WORKER
558650.6441605	558650.6	4160589	WRKR_566	1.19	1.29	4.03	4.36	WORKER
558650.6441605	558650.6	4160599	WRKR_567	1.20	1.30	3.69	3.97	WORKER
558660.6441605	558660.6	4160569	WRKR_568	1.11	1.20	4.22	4.55	WORKER
558660.6441605	558660.6	4160579	WRKR_569	1.12	1.22	3.93	4.22	WORKER
558660.6441605	558660.6	4160589	WRKR_570	1.13	1.22	3.62	3.87	WORKER
558660.6441605	558660.6	4160599	WRKR_571	1.14	1.23	3.34	3.55	WORKER
558670.6441605	558670.6	4160569	WRKR_572	1.06	1.15	3.81	4.08	WORKER
558670.6441605	558670.6	4160579	WRKR_573	1.07	1.16	3.54	3.77	WORKER
558670.6441605	558670.6	4160589	WRKR_574	1.08	1.16	3.28	3.48	WORKER
558495.4416049	558495.4	4160499	WRKR_575	1.20	1.21	3.14	3.27	WORKER
558495.4416050	558495.4	4160509	WRKR_576	1.31	1.33	3.32	3.48	WORKER
558495.4416051	558495.4	4160519	WRKR_577	1.43	1.46	3.53	3.72	WORKER
558495.4416052	558495.4	4160529	WRKR_578	1.56	1.60	3.77	3.99	WORKER
558505.4416049	558505.4	4160499	WRKR_579	1.19	1.20	3.48	3.66	WORKER
558505.4416050	558505.4	4160509	WRKR_580	1.29	1.31	3.67	3.89	WORKER
558505.4416051	558505.4	4160519	WRKR_581	1.40	1.44	3.89	4.15	WORKER
558505.4416052	558505.4	4160529	WRKR_582	1.53	1.57	4.15	4.44	WORKER
558515.4416049	558515.4	4160499	WRKR_583	1.17	1.19	3.91	4.17	WORKER
558515.4416050	558515.4	4160509	WRKR_584	1.27	1.30	4.12	4.43	WORKER
558515.4416051	558515.4	4160519	WRKR_585	1.38	1.42	4.36	4.71	WORKER
558515.4416052	558515.4	4160529	WRKR_586	1.50	1.55	4.62	5.03	WORKER
558525.4416049	558525.4	4160499	WRKR_587	1.16	1.18	4.44	4.83	WORKER
558525.4416050	558525.4	4160509	WRKR_588	1.25	1.28	4.70	5.15	WORKER
558525.4416051	558525.4	4160519	WRKR_589	1.36	1.40	4.95	5.47	WORKER
558525.4416052	558525.4	4160529	WRKR_590	1.47	1.52	5.24	5.84	WORKER
558535.4416049	558535.4	4160499	WRKR_591	1.14	1.17	5.16	5.77	WORKER
558535.4416050	558535.4	4160509	WRKR_592	1.23	1.27	5.44	6.15	WORKER
558535.4416051	558535.4	4160519	WRKR_593	1.33	1.38	5.75	6.56	WORKER
558535.4416052	558535.4	4160529	WRKR_594	1.44	1.50	6.06	6.99	WORKER
558545.4416049	558545.4	4160499	WRKR_595	1.13	1.15	6.07	7.08	WORKER
558545.4416050	558545.4	4160509	WRKR_596	1.22	1.25	6.43	7.61	WORKER
558545.4416051	558545.4	4160519	WRKR_597	1.31	1.36	6.79	8.16	WORKER
558545.4416052	558545.4	4160529	WRKR_598	1.41	1.47	7.16	8.71	WORKER
558555.4416049	558555.4	4160499	WRKR_599	1.11	1.14	7.33	9.11	WORKER
558555.4416050	558555.4	4160509	WRKR_600	1.20	1.24	7.77	9.84	WORKER
558555.4416051	558555.4	4160519	WRKR_601	1.28	1.34	8.20	10.56	WORKER
558555.4416052	558555.4	4160529	WRKR_602	1.38	1.44	8.68	11.38	WORKER
558565.4416049	558565.4	4160499	WRKR_603	1.10	1.13	6.36	7.79	WORKER
558565.4416050	558565.4	4160509	WRKR_604	1.18	1.22	7.00	8.89	WORKER
558565.4416051	558565.4	4160519	WRKR_605	1.26	1.32	5.00	5.84	WORKER
558565.4416052	558565.4	4160529	WRKR_606	1.34	1.42	7.23	9.38	WORKER
558618.9841604	558619	4160499	WRKR_607	0.99	1.04	5.32	6.31	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558618.9841605(	558619	4160509	WRKR_608	1.04	1.11	7.02	8.83	WORKER
558618.9841605.	558619	4160519	WRKR_609	1.10	1.17	7.04	12.37	WORKER
558618.9841605.	558619	4160529	WRKR_610	1.15	1.24	8.92	11.53	WORKER
558628.9841604!	558629	4160499	WRKR_611	0.97	1.03	9.12	11.74	WORKER
558628.9841605(	558629	4160509	WRKR_612	1.02	1.09	8.48	10.59	WORKER
558628.9841605.	558629	4160519	WRKR_613	1.07	1.15	8.00	9.77	WORKER
558628.9841605.	558629	4160529	WRKR_614	1.12	1.20	7.63	9.18	WORKER
558638.9841604!	558639	4160499	WRKR_615	0.95	1.01	7.97	9.61	WORKER
558638.9841605(	558639	4160509	WRKR_616	0.99	1.06	7.43	8.76	WORKER
558638.9841605.	558639	4160519	WRKR_617	1.04	1.12	7.03	8.16	WORKER
558638.9841605.	558639	4160529	WRKR_618	1.08	1.17	6.70	7.70	WORKER
558648.9841604!	558649	4160499	WRKR_619	0.92	0.99	7.13	8.26	WORKER
558648.9841605(	558649	4160509	WRKR_620	0.97	1.04	6.64	7.56	WORKER
558648.9841605.	558649	4160519	WRKR_621	1.01	1.09	6.28	7.06	WORKER
558648.9841605.	558649	4160529	WRKR_622	1.05	1.13	5.97	6.66	WORKER
558658.9841604!	558659	4160499	WRKR_623	0.90	0.97	6.52	7.36	WORKER
558658.9841605(	558659	4160509	WRKR_624	0.94	1.01	6.06	6.74	WORKER
558658.9841605.	558659	4160519	WRKR_625	0.98	1.05	5.69	6.27	WORKER
558658.9841605.	558659	4160529	WRKR_626	1.01	1.09	5.40	5.91	WORKER
558668.9841604!	558669	4160499	WRKR_627	0.88	0.94	5.99	6.66	WORKER
558668.9841605(	558669	4160509	WRKR_628	0.91	0.98	5.55	6.10	WORKER
558668.9841605.	558669	4160519	WRKR_629	0.95	1.02	5.20	5.66	WORKER
558668.9841605.	558669	4160529	WRKR_630	0.98	1.06	4.92	5.32	WORKER
558678.9841604!	558679	4160499	WRKR_631	0.86	0.92	5.57	6.13	WORKER
558678.9841605(	558679	4160509	WRKR_632	0.89	0.96	5.14	5.59	WORKER
558678.9841605.	558679	4160519	WRKR_633	0.92	0.99	4.80	5.18	WORKER
558678.9841605.	558679	4160529	WRKR_634	0.94	1.02	4.52	4.85	WORKER
558688.9841604!	558689	4160499	WRKR_635	0.83	0.90	5.20	5.69	WORKER
558688.9841605(	558689	4160509	WRKR_636	0.86	0.93	4.78	5.18	WORKER
558688.9841605.	558689	4160519	WRKR_637	0.89	0.96	4.46	4.79	WORKER
558444.4141603.	558444.4	4160372	WRKR_638	0.42	0.38	1.24	1.25	WORKER
558454.4141603!	558454.4	4160382	WRKR_639	0.44	0.40	1.33	1.34	WORKER
558454.4141603!	558454.4	4160392	WRKR_640	0.48	0.43	1.38	1.40	WORKER
558454.4141604(	558454.4	4160402	WRKR_641	0.51	0.47	1.44	1.45	WORKER
558464.4141603!	558464.4	4160382	WRKR_642	0.44	0.40	1.41	1.42	WORKER
558464.4141603!	558464.4	4160392	WRKR_643	0.47	0.43	1.46	1.48	WORKER
558464.4141604(	558464.4	4160402	WRKR_644	0.51	0.47	1.52	1.54	WORKER
558474.4141603!	558474.4	4160382	WRKR_645	0.44	0.39	1.49	1.50	WORKER
558474.4141603!	558474.4	4160392	WRKR_646	0.47	0.43	1.55	1.57	WORKER
558474.4141604(	558474.4	4160402	WRKR_647	0.51	0.47	1.61	1.63	WORKER
558484.4141603!	558484.4	4160382	WRKR_648	0.44	0.39	1.58	1.60	WORKER
558484.4141603!	558484.4	4160392	WRKR_649	0.47	0.43	1.64	1.66	WORKER
558484.4141604(	558484.4	4160402	WRKR_650	0.51	0.46	1.70	1.72	WORKER
558494.4141603!	558494.4	4160382	WRKR_651	0.44	0.39	1.68	1.70	WORKER
558494.4141603!	558494.4	4160392	WRKR_652	0.47	0.43	1.74	1.77	WORKER
558494.4141604(	558494.4	4160402	WRKR_653	0.51	0.46	1.81	1.84	WORKER
558504.4141603!	558504.4	4160382	WRKR_654	0.44	0.40	1.80	1.82	WORKER
558504.4141603!	558504.4	4160392	WRKR_655	0.47	0.43	1.89	1.92	WORKER
558504.4141604(	558504.4	4160402	WRKR_656	0.52	0.47	2.01	2.04	WORKER
558514.4141603!	558514.4	4160382	WRKR_657	0.44	0.40	1.93	1.96	WORKER
558514.4141603!	558514.4	4160392	WRKR_658	0.47	0.43	2.04	2.07	WORKER
558514.4141604(	558514.4	4160402	WRKR_659	0.52	0.48	2.17	2.22	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558524.4141603	558524.4	4160392	WRKR_660	0.48	0.44	2.20	2.25	WORKER
558524.4141604	558524.4	4160402	WRKR_661	0.52	0.48	2.36	2.42	WORKER
558581.8241603	558581.8	4160392	WRKR_662	0.49	0.47	3.77	4.00	WORKER
558581.8241604	558581.8	4160402	WRKR_663	0.53	0.51	4.22	4.56	WORKER
558581.8241604	558581.8	4160412	WRKR_664	0.57	0.55	4.77	5.28	WORKER
558581.8241604	558581.8	4160422	WRKR_665	0.62	0.60	5.43	6.20	WORKER
558591.8241603	558591.8	4160392	WRKR_666	0.49	0.47	4.10	4.40	WORKER
558591.8241604	558591.8	4160402	WRKR_667	0.53	0.51	4.64	5.10	WORKER
558591.8241604	558591.8	4160412	WRKR_668	0.57	0.56	5.31	6.03	WORKER
558591.8241604	558591.8	4160422	WRKR_669	0.62	0.60	6.14	7.31	WORKER
558601.8241603	558601.8	4160382	WRKR_670	0.46	0.44	3.93	4.19	WORKER
558601.8241603	558601.8	4160392	WRKR_671	0.50	0.47	4.44	4.83	WORKER
558601.8241604	558601.8	4160402	WRKR_672	0.53	0.52	5.09	5.70	WORKER
558601.8241604	558601.8	4160412	WRKR_673	0.57	0.56	5.89	6.91	WORKER
558601.8241604	558601.8	4160422	WRKR_674	0.62	0.61	6.91	8.65	WORKER
558611.8241603	558611.8	4160382	WRKR_675	0.46	0.44	4.18	4.49	WORKER
558611.8241603	558611.8	4160392	WRKR_676	0.50	0.48	4.75	5.24	WORKER
558611.8241604	558611.8	4160402	WRKR_677	0.53	0.52	5.55	6.36	WORKER
558611.8241604	558611.8	4160412	WRKR_678	0.57	0.56	6.50	7.93	WORKER
558611.8241604	558611.8	4160422	WRKR_679	0.61	0.61	7.75	10.30	WORKER
558621.8241603	558621.8	4160382	WRKR_680	0.47	0.45	4.46	4.84	WORKER
558621.8241603	558621.8	4160392	WRKR_681	0.50	0.48	5.10	5.71	WORKER
558621.8241604	558621.8	4160402	WRKR_682	0.53	0.52	6.01	7.07	WORKER
558621.8241604	558621.8	4160412	WRKR_683	0.57	0.56	7.18	9.14	WORKER
558621.8241604	558621.8	4160422	WRKR_684	0.61	0.61	5.95	7.46	WORKER
558631.8241603	558631.8	4160382	WRKR_685	0.47	0.45	4.76	5.21	WORKER
558631.8241603	558631.8	4160392	WRKR_686	0.50	0.49	5.47	6.20	WORKER
558631.8241604	558631.8	4160402	WRKR_687	0.53	0.52	6.51	7.84	WORKER
558641.8241603	558641.8	4160382	WRKR_688	0.47	0.45	5.05	5.57	WORKER
558641.8241603	558641.8	4160392	WRKR_689	0.50	0.49	5.83	6.70	WORKER
558641.8241604	558641.8	4160402	WRKR_690	0.53	0.53	7.04	8.66	WORKER
558651.8241603	558651.8	4160382	WRKR_691	0.47	0.46	5.42	6.05	WORKER
558651.8241603	558651.8	4160392	WRKR_692	0.50	0.49	6.30	7.33	WORKER
558651.8241604	558651.8	4160402	WRKR_693	0.53	0.53	7.66	9.61	WORKER
558661.8241603	558661.8	4160382	WRKR_694	0.47	0.46	5.85	6.58	WORKER
558661.8241603	558661.8	4160392	WRKR_695	0.50	0.49	6.78	7.98	WORKER
558661.8241604	558661.8	4160402	WRKR_696	0.53	0.53	8.30	10.62	WORKER
558671.8241603	558671.8	4160362	WRKR_697	0.41	0.40	5.28	5.80	WORKER
558671.8241603	558671.8	4160372	WRKR_698	0.44	0.43	5.71	6.34	WORKER
558671.8241603	558671.8	4160382	WRKR_699	0.47	0.46	6.35	7.23	WORKER
558671.8241603	558671.8	4160392	WRKR_700	0.50	0.49	7.34	8.74	WORKER
558671.8241604	558671.8	4160402	WRKR_701	0.53	0.53	8.98	11.64	WORKER
558681.8241603	558681.8	4160362	WRKR_702	0.41	0.40	5.90	6.61	WORKER
558681.8241603	558681.8	4160372	WRKR_703	0.44	0.43	6.21	7.03	WORKER
558681.8241603	558681.8	4160382	WRKR_704	0.47	0.46	6.92	8.02	WORKER
558681.8241603	558681.8	4160392	WRKR_705	0.50	0.50	7.97	9.63	WORKER
558681.8241604	558681.8	4160402	WRKR_706	0.53	0.53	9.65	12.60	WORKER
558691.8241603	558691.8	4160362	WRKR_707	0.41	0.40	6.77	7.87	WORKER
558691.8241603	558691.8	4160372	WRKR_708	0.44	0.43	7.17	8.41	WORKER
558691.8241603	558691.8	4160382	WRKR_709	0.47	0.46	7.80	9.31	WORKER
558691.8241603	558691.8	4160392	WRKR_710	0.49	0.50	8.85	10.98	WORKER
558691.8241604	558691.8	4160402	WRKR_711	0.52	0.53	10.60	14.22	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558701.8241603	558701.8	4160362	WRKR_71	0.41	0.41	7.99	9.88	WORKER
558701.8241603	558701.8	4160372	WRKR_71	0.44	0.44	8.39	10.45	WORKER
558701.8241603	558701.8	4160382	WRKR_71	0.47	0.47	9.02	11.41	WORKER
558701.8241603	558701.8	4160392	WRKR_71	0.49	0.50	10.04	13.10	WORKER
558701.8241604	558701.8	4160402	WRKR_71	0.52	0.53	11.75	16.45	WORKER
558711.8241603	558711.8	4160362	WRKR_71	0.41	0.41	9.73	13.31	WORKER
558711.8241603	558711.8	4160372	WRKR_71	0.44	0.44	10.11	13.92	WORKER
558711.8241603	558711.8	4160382	WRKR_71	0.46	0.47	8.33	10.64	WORKER
558711.8241603	558711.8	4160392	WRKR_72	0.49	0.50	11.67	16.59	WORKER
558711.8241604	558711.8	4160402	WRKR_72	0.52	0.53	7.53	9.68	WORKER
558721.8241603	558721.8	4160362	WRKR_72	0.41	0.41	5.78	6.84	WORKER
558721.8241603	558721.8	4160372	WRKR_72	0.44	0.44	6.46	7.93	WORKER
558721.8241603	558721.8	4160382	WRKR_72	0.46	0.47	9.21	12.62	WORKER
558721.8241603	558721.8	4160392	WRKR_72	0.49	0.50	7.19	9.15	WORKER
558721.8241604	558721.8	4160402	WRKR_72	0.51	0.53	7.67	10.01	WORKER
558690.0941602	558690.1	4160295	WRKR_72	0.27	0.25	5.33	6.02	WORKER
558690.0941603	558690.1	4160305	WRKR_72	0.29	0.27	5.40	6.10	WORKER
558690.0941603	558690.1	4160315	WRKR_72	0.31	0.29	5.47	6.18	WORKER
558690.0941603	558690.1	4160325	WRKR_73	0.32	0.31	5.56	6.27	WORKER
558690.0941603	558690.1	4160335	WRKR_73	0.35	0.33	5.67	6.41	WORKER
558700.0941602	558700.1	4160295	WRKR_73	0.27	0.25	6.44	7.62	WORKER
558700.0941603	558700.1	4160305	WRKR_73	0.29	0.27	6.53	7.73	WORKER
558700.0941603	558700.1	4160315	WRKR_73	0.31	0.29	6.59	7.79	WORKER
558700.0941603	558700.1	4160325	WRKR_73	0.33	0.31	6.66	7.84	WORKER
558700.0941603	558700.1	4160335	WRKR_73	0.35	0.33	6.76	7.96	WORKER
558710.0941602	558710.1	4160295	WRKR_73	0.27	0.26	8.08	10.27	WORKER
558710.0941603	558710.1	4160305	WRKR_73	0.29	0.27	8.15	10.32	WORKER
558710.0941603	558710.1	4160315	WRKR_73	0.31	0.29	8.21	10.35	WORKER
558710.0941603	558710.1	4160325	WRKR_74	0.33	0.31	8.28	10.41	WORKER
558710.0941603	558710.1	4160335	WRKR_74	0.35	0.34	8.34	10.45	WORKER
558720.0941602	558720.1	4160295	WRKR_74	0.28	0.26	7.08	8.86	WORKER
558720.0941603	558720.1	4160305	WRKR_74	0.29	0.28	4.97	5.75	WORKER
558720.0941603	558720.1	4160315	WRKR_74	0.31	0.30	7.18	9.09	WORKER
558720.0941603	558720.1	4160325	WRKR_74	0.33	0.32	7.33	9.19	WORKER
558612.6841602	558612.7	4160297	WRKR_74	0.26	0.23	2.27	2.32	WORKER
558612.6841603	558612.7	4160307	WRKR_74	0.27	0.24	2.37	2.42	WORKER
558612.6841603	558612.7	4160317	WRKR_74	0.29	0.26	2.48	2.54	WORKER
558612.6841603	558612.7	4160327	WRKR_74	0.31	0.28	2.60	2.67	WORKER
558612.6841603	558612.7	4160337	WRKR_75	0.33	0.31	2.76	2.84	WORKER
558622.6841602	558622.7	4160297	WRKR_75	0.26	0.23	2.44	2.51	WORKER
558622.6841603	558622.7	4160307	WRKR_75	0.28	0.25	2.54	2.61	WORKER
558622.6841603	558622.7	4160317	WRKR_75	0.29	0.27	2.65	2.72	WORKER
558622.6841603	558622.7	4160327	WRKR_75	0.31	0.29	2.78	2.86	WORKER
558622.6841603	558622.7	4160337	WRKR_75	0.34	0.31	2.94	3.04	WORKER
558632.6841602	558632.7	4160297	WRKR_75	0.26	0.23	2.65	2.73	WORKER
558632.6841603	558632.7	4160307	WRKR_75	0.28	0.25	2.74	2.83	WORKER
558632.6841603	558632.7	4160317	WRKR_75	0.30	0.27	2.85	2.95	WORKER
558632.6841603	558632.7	4160327	WRKR_75	0.32	0.29	2.98	3.09	WORKER
558632.6841603	558632.7	4160337	WRKR_76	0.34	0.31	3.14	3.27	WORKER
558642.6841602	558642.7	4160297	WRKR_76	0.26	0.24	2.91	3.02	WORKER
558642.6841603	558642.7	4160307	WRKR_76	0.28	0.25	2.98	3.10	WORKER
558642.6841603	558642.7	4160317	WRKR_76	0.30	0.27	3.09	3.22	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558642.6841603	558642.7	4160327	WRKR_764	0.32	0.29	3.22	3.36	WORKER
558642.6841603	558642.7	4160337	WRKR_765	0.34	0.32	3.38	3.54	WORKER
558652.6841602	558652.7	4160297	WRKR_766	0.27	0.24	3.21	3.36	WORKER
558652.6841603	558652.7	4160307	WRKR_767	0.28	0.26	3.28	3.44	WORKER
558652.6841603	558652.7	4160317	WRKR_768	0.30	0.28	3.39	3.56	WORKER
558652.6841603	558652.7	4160327	WRKR_769	0.32	0.30	3.51	3.69	WORKER
558652.6841603	558652.7	4160337	WRKR_770	0.34	0.32	3.67	3.87	WORKER
558662.6841602	558662.7	4160297	WRKR_771	0.27	0.24	3.61	3.83	WORKER
558662.6841603	558662.7	4160307	WRKR_772	0.29	0.26	3.68	3.90	WORKER
558662.6841603	558662.7	4160317	WRKR_773	0.30	0.28	3.76	4.00	WORKER
558662.6841603	558662.7	4160327	WRKR_774	0.32	0.30	3.88	4.12	WORKER
558662.6841603	558662.7	4160337	WRKR_775	0.35	0.33	4.03	4.30	WORKER
558672.6841602	558672.7	4160297	WRKR_776	0.27	0.25	4.08	4.40	WORKER
558672.6841603	558672.7	4160307	WRKR_777	0.29	0.26	4.17	4.49	WORKER
558672.6841603	558672.7	4160317	WRKR_778	0.31	0.28	4.25	4.59	WORKER
558672.6841603	558672.7	4160327	WRKR_779	0.33	0.31	4.35	4.70	WORKER
558672.6841603	558672.7	4160337	WRKR_780	0.35	0.33	4.50	4.87	WORKER
558543.5841602	558543.6	4160291	WRKR_781	0.24	0.22	1.53	1.54	WORKER
558553.5841603	558553.6	4160301	WRKR_782	0.26	0.23	1.68	1.70	WORKER
558553.5841603	558553.6	4160311	WRKR_783	0.27	0.24	1.75	1.78	WORKER
558553.5841603	558553.6	4160321	WRKR_784	0.29	0.26	1.84	1.87	WORKER
558553.5841603	558553.6	4160331	WRKR_785	0.31	0.28	1.94	1.97	WORKER
558563.5841603	558563.6	4160301	WRKR_786	0.26	0.23	1.77	1.79	WORKER
558563.5841603	558563.6	4160311	WRKR_787	0.27	0.24	1.85	1.88	WORKER
558563.5841603	558563.6	4160321	WRKR_788	0.29	0.26	1.95	1.98	WORKER
558563.5841603	558563.6	4160331	WRKR_789	0.31	0.28	2.05	2.09	WORKER
558573.5841603	558573.6	4160301	WRKR_790	0.26	0.23	1.87	1.89	WORKER
558573.5841603	558573.6	4160311	WRKR_791	0.28	0.24	1.96	1.99	WORKER
558573.5841603	558573.6	4160321	WRKR_792	0.29	0.26	2.06	2.09	WORKER
558573.5841603	558573.6	4160331	WRKR_793	0.31	0.28	2.17	2.21	WORKER
558583.5841603	558583.6	4160301	WRKR_794	0.26	0.23	1.98	2.01	WORKER
558583.5841603	558583.6	4160311	WRKR_795	0.28	0.25	2.07	2.10	WORKER
558583.5841603	558583.6	4160321	WRKR_796	0.30	0.26	2.18	2.22	WORKER
558583.5841603	558583.6	4160331	WRKR_797	0.32	0.28	2.30	2.34	WORKER
558593.5841603	558593.6	4160331	WRKR_798	0.32	0.29	2.44	2.49	WORKER
558455.3541603	558455.4	4160304	WRKR_799	0.27	0.25	1.03	1.04	WORKER
558455.3541603	558455.4	4160314	WRKR_800	0.29	0.26	1.06	1.07	WORKER
558455.3541603	558455.4	4160324	WRKR_801	0.30	0.28	1.10	1.11	WORKER
558455.3541603	558455.4	4160334	WRKR_802	0.32	0.29	1.14	1.15	WORKER
558455.3541603	558455.4	4160344	WRKR_803	0.34	0.31	1.18	1.19	WORKER
558465.3541603	558465.4	4160304	WRKR_804	0.27	0.25	1.08	1.09	WORKER
558465.3541603	558465.4	4160314	WRKR_805	0.28	0.26	1.12	1.12	WORKER
558465.3541603	558465.4	4160324	WRKR_806	0.30	0.27	1.16	1.17	WORKER
558465.3541603	558465.4	4160334	WRKR_807	0.32	0.29	1.20	1.21	WORKER
558465.3541603	558465.4	4160344	WRKR_808	0.34	0.31	1.25	1.26	WORKER
558475.3541603	558475.4	4160304	WRKR_809	0.27	0.24	1.13	1.14	WORKER
558475.3541603	558475.4	4160314	WRKR_810	0.28	0.26	1.17	1.18	WORKER
558475.3541603	558475.4	4160324	WRKR_811	0.30	0.27	1.22	1.23	WORKER
558475.3541603	558475.4	4160334	WRKR_812	0.32	0.29	1.26	1.27	WORKER
558475.3541603	558475.4	4160344	WRKR_813	0.34	0.31	1.32	1.33	WORKER
558485.3541603	558485.4	4160304	WRKR_814	0.26	0.24	1.19	1.20	WORKER
558485.3541603	558485.4	4160314	WRKR_815	0.28	0.25	1.23	1.24	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558485.3541603	558485.4	4160324	WRKR_816	0.30	0.27	1.28	1.29	WORKER
558485.3541603	558485.4	4160334	WRKR_817	0.32	0.28	1.33	1.34	WORKER
558485.3541603	558485.4	4160344	WRKR_818	0.34	0.30	1.39	1.40	WORKER
558495.3541603	558495.4	4160304	WRKR_819	0.26	0.24	1.25	1.26	WORKER
558495.3541603	558495.4	4160314	WRKR_820	0.28	0.25	1.30	1.31	WORKER
558495.3541603	558495.4	4160324	WRKR_821	0.30	0.27	1.35	1.36	WORKER
558495.3541603	558495.4	4160334	WRKR_822	0.31	0.28	1.41	1.42	WORKER
558495.3541603	558495.4	4160344	WRKR_823	0.34	0.30	1.47	1.49	WORKER
558505.3541603	558505.4	4160304	WRKR_824	0.26	0.24	1.32	1.33	WORKER
558505.3541603	558505.4	4160314	WRKR_825	0.28	0.25	1.37	1.38	WORKER
558505.3541603	558505.4	4160324	WRKR_826	0.29	0.26	1.43	1.44	WORKER
558505.3541603	558505.4	4160334	WRKR_827	0.31	0.28	1.49	1.51	WORKER
558515.3541603	558515.4	4160304	WRKR_828	0.26	0.23	1.39	1.40	WORKER
558515.3541603	558515.4	4160314	WRKR_829	0.28	0.25	1.45	1.46	WORKER
558515.3541603	558515.4	4160324	WRKR_830	0.29	0.26	1.51	1.52	WORKER
558515.3541603	558515.4	4160334	WRKR_831	0.31	0.28	1.58	1.60	WORKER
558525.3541603	558525.4	4160304	WRKR_832	0.26	0.23	1.46	1.48	WORKER
558525.3541603	558525.4	4160314	WRKR_833	0.28	0.25	1.53	1.54	WORKER
558525.3541603	558525.4	4160324	WRKR_834	0.29	0.26	1.60	1.61	WORKER
558525.3541603	558525.4	4160334	WRKR_835	0.31	0.28	1.67	1.69	WORKER
558535.3541603	558535.4	4160304	WRKR_836	0.26	0.23	1.54	1.56	WORKER
558535.3541603	558535.4	4160314	WRKR_837	0.28	0.25	1.61	1.63	WORKER
558535.3541603	558535.4	4160324	WRKR_838	0.29	0.26	1.69	1.71	WORKER
558535.3541603	558535.4	4160334	WRKR_839	0.31	0.28	1.77	1.79	WORKER
558616.6741602	558616.7	4160230	WRKR_840	0.18	0.15	1.87	1.89	WORKER
558616.6741602	558616.7	4160240	WRKR_841	0.19	0.16	1.94	1.97	WORKER
558616.6741602	558616.7	4160250	WRKR_842	0.20	0.17	2.02	2.05	WORKER
558626.6741602	558626.7	4160230	WRKR_843	0.18	0.15	2.03	2.07	WORKER
558626.6741602	558626.7	4160240	WRKR_844	0.19	0.16	2.11	2.15	WORKER
558626.6741602	558626.7	4160250	WRKR_845	0.20	0.17	2.20	2.25	WORKER
558636.6741602	558636.7	4160230	WRKR_846	0.18	0.16	2.23	2.28	WORKER
558636.6741602	558636.7	4160240	WRKR_847	0.19	0.16	2.32	2.38	WORKER
558636.6741602	558636.7	4160250	WRKR_848	0.20	0.17	2.42	2.48	WORKER
558646.6741602	558646.7	4160230	WRKR_849	0.18	0.16	2.47	2.55	WORKER
558646.6741602	558646.7	4160240	WRKR_850	0.19	0.16	2.58	2.66	WORKER
558646.6741602	558646.7	4160250	WRKR_851	0.20	0.18	2.68	2.78	WORKER
558656.6741602	558656.7	4160230	WRKR_852	0.18	0.16	2.78	2.89	WORKER
558656.6741602	558656.7	4160240	WRKR_853	0.19	0.17	2.90	3.02	WORKER
558666.6741602	558666.7	4160230	WRKR_854	0.18	0.16	3.17	3.33	WORKER
558666.6741602	558666.7	4160240	WRKR_855	0.19	0.17	3.31	3.50	WORKER
558676.6741602	558676.7	4160230	WRKR_856	0.18	0.16	3.66	3.93	WORKER
558676.6741602	558676.7	4160240	WRKR_857	0.19	0.17	3.84	4.15	WORKER
558686.6741602	558686.7	4160230	WRKR_858	0.18	0.16	4.32	4.76	WORKER
558686.6741602	558686.7	4160240	WRKR_859	0.20	0.17	4.55	5.05	WORKER
558696.6741602	558696.7	4160230	WRKR_860	0.19	0.16	5.20	5.98	WORKER
558696.6741602	558696.7	4160240	WRKR_861	0.20	0.17	5.50	6.40	WORKER
558706.6741602	558706.7	4160230	WRKR_862	0.19	0.17	6.40	7.87	WORKER
558706.6741602	558706.7	4160240	WRKR_863	0.20	0.18	6.82	8.55	WORKER
558716.6741602	558716.7	4160230	WRKR_864	0.19	0.17	8.07	11.03	WORKER
558716.6741602	558716.7	4160240	WRKR_865	0.20	0.18	6.28	7.90	WORKER
558420.2141602	558420.2	4160236	WRKR_866	0.21	0.20	0.71	0.72	WORKER
558420.2141602	558420.2	4160246	WRKR_867	0.22	0.21	0.74	0.74	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558420.2141602	558420.2	4160256	WRKR_868	0.23	0.22	0.76	0.76	WORKER
558430.2141602	558430.2	4160236	WRKR_869	0.21	0.20	0.74	0.75	WORKER
558430.2141602	558430.2	4160246	WRKR_870	0.22	0.21	0.76	0.77	WORKER
558430.2141602	558430.2	4160256	WRKR_871	0.23	0.22	0.79	0.79	WORKER
558440.2141602	558440.2	4160236	WRKR_872	0.21	0.20	0.77	0.78	WORKER
558440.2141602	558440.2	4160246	WRKR_873	0.21	0.20	0.80	0.80	WORKER
558440.2141602	558440.2	4160256	WRKR_874	0.22	0.21	0.82	0.83	WORKER
558450.2141602	558450.2	4160236	WRKR_875	0.20	0.19	0.80	0.81	WORKER
558450.2141602	558450.2	4160246	WRKR_876	0.21	0.20	0.83	0.83	WORKER
558450.2141602	558450.2	4160256	WRKR_877	0.22	0.21	0.85	0.86	WORKER
558460.2141602	558460.2	4160236	WRKR_878	0.20	0.19	0.83	0.84	WORKER
558460.2141602	558460.2	4160246	WRKR_879	0.21	0.19	0.86	0.87	WORKER
558460.2141602	558460.2	4160256	WRKR_880	0.22	0.20	0.89	0.90	WORKER
558470.2141602	558470.2	4160236	WRKR_881	0.20	0.18	0.87	0.87	WORKER
558470.2141602	558470.2	4160246	WRKR_882	0.20	0.19	0.90	0.90	WORKER
558470.2141602	558470.2	4160256	WRKR_883	0.21	0.20	0.93	0.94	WORKER
558480.2141602	558480.2	4160236	WRKR_884	0.19	0.18	0.91	0.91	WORKER
558480.2141602	558480.2	4160246	WRKR_885	0.20	0.19	0.94	0.94	WORKER
558480.2141602	558480.2	4160256	WRKR_886	0.21	0.19	0.97	0.98	WORKER
558490.2141602	558490.2	4160236	WRKR_887	0.19	0.18	0.95	0.95	WORKER
558490.2141602	558490.2	4160246	WRKR_888	0.20	0.18	0.98	0.99	WORKER
558490.2141602	558490.2	4160256	WRKR_889	0.21	0.19	1.02	1.02	WORKER
558500.2141602	558500.2	4160236	WRKR_890	0.19	0.17	0.99	1.00	WORKER
558500.2141602	558500.2	4160246	WRKR_891	0.20	0.18	1.03	1.03	WORKER
558500.2141602	558500.2	4160256	WRKR_892	0.21	0.19	1.07	1.07	WORKER
558510.2141602	558510.2	4160236	WRKR_893	0.19	0.17	1.04	1.05	WORKER
558510.2141602	558510.2	4160246	WRKR_894	0.19	0.18	1.08	1.09	WORKER
558510.2141602	558510.2	4160256	WRKR_895	0.20	0.19	1.12	1.13	WORKER
558520.2141602	558520.2	4160236	WRKR_896	0.18	0.17	1.09	1.10	WORKER
558520.2141602	558520.2	4160246	WRKR_897	0.19	0.18	1.13	1.14	WORKER
558520.2141602	558520.2	4160256	WRKR_898	0.20	0.18	1.17	1.18	WORKER
558530.2141602	558530.2	4160236	WRKR_899	0.18	0.17	1.14	1.15	WORKER
558530.2141602	558530.2	4160246	WRKR_900	0.19	0.17	1.18	1.19	WORKER
558530.2141602	558530.2	4160256	WRKR_901	0.20	0.18	1.23	1.24	WORKER
558540.2141602	558540.2	4160236	WRKR_902	0.18	0.17	1.20	1.20	WORKER
558540.2141602	558540.2	4160246	WRKR_903	0.19	0.17	1.24	1.25	WORKER
558540.2141602	558540.2	4160256	WRKR_904	0.20	0.18	1.29	1.30	WORKER
558550.2141602	558550.2	4160236	WRKR_905	0.18	0.16	1.26	1.27	WORKER
558550.2141602	558550.2	4160246	WRKR_906	0.19	0.17	1.31	1.31	WORKER
558550.2141602	558550.2	4160256	WRKR_907	0.20	0.18	1.36	1.37	WORKER
558560.2141602	558560.2	4160236	WRKR_908	0.18	0.16	1.33	1.34	WORKER
558560.2141602	558560.2	4160246	WRKR_909	0.19	0.17	1.38	1.39	WORKER
558560.2141602	558560.2	4160256	WRKR_910	0.20	0.18	1.44	1.46	WORKER
558570.2141602	558570.2	4160236	WRKR_911	0.18	0.16	1.40	1.41	WORKER
558570.2141602	558570.2	4160246	WRKR_912	0.19	0.17	1.45	1.46	WORKER
558570.2141602	558570.2	4160256	WRKR_913	0.20	0.18	1.52	1.53	WORKER
558580.2141602	558580.2	4160236	WRKR_914	0.18	0.16	1.48	1.49	WORKER
558580.2141602	558580.2	4160246	WRKR_915	0.19	0.17	1.54	1.55	WORKER
558590.2141602	558590.2	4160236	WRKR_916	0.18	0.16	1.58	1.59	WORKER
558590.2141602	558590.2	4160246	WRKR_917	0.19	0.17	1.64	1.66	WORKER
558600.2141602	558600.2	4160246	WRKR_918	0.19	0.17	1.76	1.78	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
557996.3841607	557996.4	4160721	WRKR_1	1.64	1.61	0.21	0.21	WORKER
557996.3841607	557996.4	4160731	WRKR_2	1.61	1.58	0.21	0.21	WORKER
557996.3841607	557996.4	4160741	WRKR_3	1.56	1.54	0.21	0.21	WORKER
558006.3841607	558006.4	4160711	WRKR_4	1.87	1.84	0.22	0.22	WORKER
558006.3841607	558006.4	4160721	WRKR_5	1.84	1.82	0.22	0.22	WORKER
558006.3841607	558006.4	4160731	WRKR_6	1.80	1.79	0.22	0.22	WORKER
558006.3841607	558006.4	4160741	WRKR_7	1.76	1.74	0.22	0.22	WORKER
558016.3841607	558016.4	4160711	WRKR_8	2.13	2.12	0.23	0.23	WORKER
558016.3841607	558016.4	4160721	WRKR_9	2.09	2.09	0.23	0.23	WORKER
558016.3841607	558016.4	4160731	WRKR_10	2.04	2.03	0.23	0.23	WORKER
558016.3841607	558016.4	4160741	WRKR_11	1.97	1.97	0.22	0.22	WORKER
558026.3841607	558026.4	4160711	WRKR_12	2.43	2.44	0.24	0.24	WORKER
558026.3841607	558026.4	4160721	WRKR_13	2.39	2.41	0.24	0.24	WORKER
558026.3841607	558026.4	4160731	WRKR_14	2.32	2.34	0.23	0.23	WORKER
558026.3841607	558026.4	4160741	WRKR_15	2.23	2.26	0.23	0.23	WORKER
558277.5341605	558277.5	4160581	WRKR_16	6.43	6.98	1.16	1.18	WORKER
558277.5341605	558277.5	4160591	WRKR_17	7.75	8.68	1.19	1.22	WORKER
558287.5341605	558287.5	4160581	WRKR_18	6.26	6.71	1.31	1.34	WORKER
558287.5341605	558287.5	4160591	WRKR_19	7.46	8.23	1.35	1.40	WORKER
558297.5341605	558297.5	4160581	WRKR_20	6.05	6.44	1.49	1.54	WORKER
558297.5341605	558297.5	4160591	WRKR_21	7.18	7.83	1.55	1.62	WORKER
558307.5341605	558307.5	4160581	WRKR_22	5.79	6.16	1.72	1.79	WORKER
558307.5341605	558307.5	4160591	WRKR_23	6.90	7.47	1.81	1.92	WORKER
558317.5341605	558317.5	4160581	WRKR_24	5.55	5.89	1.98	2.10	WORKER
558317.5341605	558317.5	4160591	WRKR_25	6.63	7.14	2.13	2.31	WORKER
558327.5341605	558327.5	4160581	WRKR_26	5.31	5.63	2.29	2.46	WORKER
558327.5341605	558327.5	4160591	WRKR_27	6.36	6.81	2.54	2.81	WORKER
558337.5341605	558337.5	4160581	WRKR_28	5.04	5.35	2.60	2.83	WORKER
558101.0541605	558101.1	4160547	WRKR_29	2.85	2.87	0.34	0.34	WORKER
558101.0541605	558101.1	4160557	WRKR_30	3.11	3.14	0.34	0.34	WORKER
558111.0541605	558111.1	4160547	WRKR_31	3.03	3.06	0.35	0.36	WORKER
558111.0541605	558111.1	4160557	WRKR_32	3.32	3.36	0.35	0.36	WORKER
558111.0541605	558111.1	4160567	WRKR_33	3.65	3.71	0.36	0.36	WORKER
558121.0541605	558121.1	4160537	WRKR_34	2.93	2.95	0.37	0.37	WORKER
558121.0541605	558121.1	4160547	WRKR_35	3.21	3.25	0.37	0.37	WORKER
558121.0541605	558121.1	4160557	WRKR_36	3.54	3.59	0.37	0.38	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558121.0541605	558121.1	4160567	WRKR_37	3.91	3.98	0.37	0.38	WORKER
558121.0541605	558121.1	4160577	WRKR_38	4.34	4.46	0.37	0.38	WORKER
558121.0541605	558121.1	4160587	WRKR_39	4.82	5.03	0.37	0.38	WORKER
558131.0541605	558131.1	4160527	WRKR_40	2.79	2.82	0.38	0.38	WORKER
558131.0541605	558131.1	4160537	WRKR_41	3.08	3.11	0.38	0.39	WORKER
558131.0541605	558131.1	4160547	WRKR_42	3.39	3.44	0.39	0.39	WORKER
558131.0541605	558131.1	4160557	WRKR_43	3.76	3.83	0.39	0.39	WORKER
558131.0541605	558131.1	4160567	WRKR_44	4.17	4.28	0.39	0.40	WORKER
558131.0541605	558131.1	4160577	WRKR_45	4.66	4.83	0.39	0.40	WORKER
558131.0541605	558131.1	4160587	WRKR_46	5.21	5.49	0.39	0.40	WORKER
558131.0541605	558131.1	4160597	WRKR_47	5.85	6.30	0.39	0.40	WORKER
558141.0541605	558141.1	4160527	WRKR_48	2.91	2.94	0.40	0.40	WORKER
558141.0541605	558141.1	4160537	WRKR_49	3.22	3.26	0.40	0.41	WORKER
558141.0541605	558141.1	4160547	WRKR_50	3.57	3.64	0.41	0.41	WORKER
558141.0541605	558141.1	4160557	WRKR_51	3.97	4.08	0.41	0.41	WORKER
558141.0541605	558141.1	4160567	WRKR_52	4.45	4.60	0.41	0.42	WORKER
558141.0541605	558141.1	4160577	WRKR_53	4.99	5.23	0.41	0.42	WORKER
558141.0541605	558141.1	4160587	WRKR_54	5.62	6.00	0.42	0.42	WORKER
558141.0541605	558141.1	4160597	WRKR_55	6.34	6.96	0.42	0.42	WORKER
558141.0541606	558141.1	4160607	WRKR_56	7.16	8.18	0.42	0.42	WORKER
558151.0541605	558151.1	4160537	WRKR_57	3.35	3.41	0.43	0.43	WORKER
558151.0541605	558151.1	4160547	WRKR_58	3.74	3.83	0.43	0.43	WORKER
558151.0541605	558151.1	4160557	WRKR_59	4.19	4.33	0.43	0.44	WORKER
558151.0541605	558151.1	4160567	WRKR_60	4.72	4.93	0.43	0.44	WORKER
558151.0541605	558151.1	4160577	WRKR_61	5.34	5.66	0.44	0.44	WORKER
558151.0541605	558151.1	4160587	WRKR_62	6.05	6.57	0.44	0.44	WORKER
558151.0541605	558151.1	4160597	WRKR_63	6.93	7.72	0.44	0.44	WORKER
558151.0541606	558151.1	4160607	WRKR_64	7.94	9.19	0.44	0.44	WORKER
558151.0541606	558151.1	4160617	WRKR_65	9.07	11.15	0.44	0.44	WORKER
558161.0541605	558161.1	4160547	WRKR_66	3.93	4.01	0.45	0.46	WORKER
558161.0541605	558161.1	4160557	WRKR_67	4.40	4.59	0.46	0.46	WORKER
558161.0541605	558161.1	4160567	WRKR_68	5.00	5.29	0.46	0.46	WORKER
558161.0541605	558161.1	4160577	WRKR_69	5.69	6.14	0.46	0.47	WORKER
558161.0541605	558161.1	4160587	WRKR_70	6.50	7.23	0.46	0.47	WORKER
558161.0541605	558161.1	4160597	WRKR_71	7.60	8.59	0.46	0.47	WORKER
558161.0541606	558161.1	4160607	WRKR_72	8.69	10.38	0.46	0.47	WORKER
558171.0541605	558171.1	4160557	WRKR_73	4.65	4.82	0.48	0.49	WORKER
558171.0541605	558171.1	4160567	WRKR_74	5.26	5.65	0.49	0.49	WORKER
558171.0541605	558171.1	4160577	WRKR_75	6.03	6.67	0.49	0.49	WORKER
558171.0541605	558171.1	4160587	WRKR_76	6.94	7.98	0.49	0.50	WORKER
558171.0541605	558171.1	4160597	WRKR_77	8.21	9.65	0.49	0.50	WORKER
558181.0541605	558181.1	4160567	WRKR_78	5.56	5.99	0.52	0.52	WORKER
558181.0541605	558181.1	4160577	WRKR_79	6.37	7.22	0.52	0.52	WORKER
558181.0541605	558181.1	4160587	WRKR_80	7.41	8.84	0.52	0.53	WORKER
558191.0541605	558191.1	4160577	WRKR_81	6.65	7.56	0.55	0.55	WORKER
558368.5441605	558368.5	4160582	WRKR_82	4.44	4.66	3.62	4.07	WORKER
558378.5441605	558378.5	4160582	WRKR_83	4.20	4.39	3.81	4.31	WORKER
558378.5441605	558378.5	4160592	WRKR_84	4.76	5.07	4.64	5.51	WORKER
558378.5441606	558378.5	4160602	WRKR_85	5.36	5.86	5.68	7.25	WORKER
558378.5441606	558378.5	4160612	WRKR_86	6.25	7.03	7.61	6.95	WORKER
558388.5441605	558388.5	4160582	WRKR_87	3.93	4.10	4.00	4.53	WORKER
558388.5441605	558388.5	4160592	WRKR_88	4.42	4.68	4.91	5.83	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558388.5441606	558388.5	4160602	WRKR_89	4.94	5.38	6.05	7.70	WORKER
558388.5441606	558388.5	4160612	WRKR_90	5.74	6.42	5.37	7.05	WORKER
558398.5441605	558398.5	4160582	WRKR_91	3.63	3.79	4.22	4.74	WORKER
558398.5441605	558398.5	4160592	WRKR_92	4.06	4.31	5.07	6.01	WORKER
558398.5441606	558398.5	4160602	WRKR_93	4.57	4.95	6.39	8.11	WORKER
558398.5441606	558398.5	4160612	WRKR_94	5.26	5.83	5.96	7.77	WORKER
557976.0941604	557976.1	4160490	HLTN_1	0.88	0.89	0.20	0.20	RESIDENT
557976.0941605	557976.1	4160500	HLTN_2	0.91	0.91	0.20	0.20	RESIDENT
557976.0941605	557976.1	4160510	HLTN_3	0.95	0.95	0.20	0.20	RESIDENT
557976.0941605	557976.1	4160520	HLTN_4	0.99	0.98	0.21	0.21	RESIDENT
557976.0941605	557976.1	4160530	HLTN_5	1.03	1.01	0.21	0.21	RESIDENT
557986.0941604	557986.1	4160480	HLTN_6	0.91	0.92	0.21	0.21	RESIDENT
557986.0941604	557986.1	4160490	HLTN_7	0.96	0.96	0.21	0.21	RESIDENT
557986.0941605	557986.1	4160500	HLTN_8	0.99	1.00	0.21	0.21	RESIDENT
557986.0941605	557986.1	4160510	HLTN_9	1.03	1.03	0.21	0.21	RESIDENT
557986.0941605	557986.1	4160520	HLTN_10	1.07	1.06	0.21	0.21	RESIDENT
557986.0941605	557986.1	4160530	HLTN_11	1.10	1.10	0.21	0.21	RESIDENT
557996.0941604	557996.1	4160480	HLTN_12	0.98	0.99	0.22	0.21	RESIDENT
557996.0941604	557996.1	4160490	HLTN_13	1.02	1.03	0.22	0.22	RESIDENT
557996.0941605	557996.1	4160500	HLTN_14	1.06	1.07	0.22	0.22	RESIDENT
557996.0941605	557996.1	4160510	HLTN_15	1.10	1.11	0.22	0.22	RESIDENT
557996.0941605	557996.1	4160520	HLTN_16	1.15	1.14	0.22	0.22	RESIDENT
557996.0941605	557996.1	4160530	HLTN_17	1.19	1.18	0.22	0.22	RESIDENT
557996.0941605	557996.1	4160540	HLTN_18	1.24	1.22	0.22	0.22	RESIDENT
557996.0941605	557996.1	4160550	HLTN_19	1.28	1.27	0.22	0.22	RESIDENT
557996.0941605	557996.1	4160560	HLTN_20	1.33	1.31	0.22	0.23	RESIDENT
557996.0941605	557996.1	4160570	HLTN_21	1.38	1.35	0.22	0.23	RESIDENT
558006.0941604	558006.1	4160480	HLTN_22	1.04	1.06	0.22	0.22	RESIDENT
558006.0941604	558006.1	4160490	HLTN_23	1.09	1.10	0.22	0.22	RESIDENT
558006.0941605	558006.1	4160500	HLTN_24	1.13	1.14	0.23	0.22	RESIDENT
558006.0941605	558006.1	4160510	HLTN_25	1.18	1.19	0.23	0.23	RESIDENT
558006.0941605	558006.1	4160520	HLTN_26	1.23	1.23	0.23	0.23	RESIDENT
558006.0941605	558006.1	4160530	HLTN_27	1.29	1.28	0.23	0.23	RESIDENT
558006.0941605	558006.1	4160540	HLTN_28	1.34	1.33	0.23	0.23	RESIDENT
558006.0941605	558006.1	4160550	HLTN_29	1.40	1.38	0.23	0.23	RESIDENT
558006.0941605	558006.1	4160560	HLTN_30	1.45	1.43	0.23	0.23	RESIDENT
558006.0941605	558006.1	4160570	HLTN_31	1.51	1.48	0.23	0.23	RESIDENT
558016.0941604	558016.1	4160480	HLTN_32	1.11	1.12	0.23	0.23	RESIDENT
558016.0941604	558016.1	4160490	HLTN_33	1.16	1.17	0.23	0.23	RESIDENT
558016.0941605	558016.1	4160500	HLTN_34	1.21	1.22	0.23	0.23	RESIDENT
558016.0941605	558016.1	4160510	HLTN_35	1.27	1.27	0.23	0.23	RESIDENT
558016.0941605	558016.1	4160520	HLTN_36	1.33	1.32	0.24	0.24	RESIDENT
558016.0941605	558016.1	4160530	HLTN_37	1.39	1.38	0.24	0.24	RESIDENT
558016.0941605	558016.1	4160540	HLTN_38	1.45	1.44	0.24	0.24	RESIDENT
558016.0941605	558016.1	4160550	HLTN_39	1.52	1.50	0.24	0.24	RESIDENT
558016.0941605	558016.1	4160560	HLTN_40	1.58	1.56	0.24	0.24	RESIDENT
558016.0941605	558016.1	4160570	HLTN_41	1.65	1.63	0.24	0.24	RESIDENT
558026.0941604	558026.1	4160480	HLTN_42	1.17	1.19	0.24	0.24	RESIDENT
558026.0941604	558026.1	4160490	HLTN_43	1.23	1.25	0.24	0.24	RESIDENT
558026.0941605	558026.1	4160500	HLTN_44	1.29	1.30	0.24	0.24	RESIDENT
558026.0941605	558026.1	4160510	HLTN_45	1.36	1.36	0.24	0.24	RESIDENT
558026.0941605	558026.1	4160520	HLTN_46	1.43	1.42	0.24	0.24	RESIDENT

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558026.0941605	558026.1	4160530	HLTN_47	1.50	1.49	0.25	0.25	RESIDENT
558026.0941605	558026.1	4160540	HLTN_48	1.57	1.56	0.25	0.25	RESIDENT
558026.0941605	558026.1	4160550	HLTN_49	1.65	1.63	0.25	0.25	RESIDENT
558026.0941605	558026.1	4160560	HLTN_50	1.73	1.71	0.25	0.25	RESIDENT
558026.0941605	558026.1	4160570	HLTN_51	1.81	1.79	0.25	0.25	RESIDENT
558036.0941604	558036.1	4160480	HLTN_52	1.24	1.26	0.25	0.25	RESIDENT
558036.0941604	558036.1	4160490	HLTN_53	1.31	1.32	0.25	0.25	RESIDENT
558036.0941605	558036.1	4160500	HLTN_54	1.37	1.38	0.25	0.25	RESIDENT
558036.0941605	558036.1	4160510	HLTN_55	1.42	1.43	0.25	0.25	RESIDENT
558036.0941605	558036.1	4160520	HLTN_56	1.51	1.51	0.25	0.25	RESIDENT
558036.0941605	558036.1	4160530	HLTN_57	1.61	1.61	0.26	0.26	RESIDENT
558036.0941605	558036.1	4160540	HLTN_58	1.70	1.69	0.26	0.26	RESIDENT
558036.0941605	558036.1	4160550	HLTN_59	1.79	1.78	0.26	0.26	RESIDENT
558036.0941605	558036.1	4160560	HLTN_60	1.89	1.87	0.26	0.26	RESIDENT
558046.0941604	558046.1	4160480	HLTN_61	1.28	1.30	0.25	0.25	RESIDENT
558046.0941604	558046.1	4160490	HLTN_62	1.35	1.37	0.26	0.26	RESIDENT
558046.0941605	558046.1	4160500	HLTN_63	1.42	1.44	0.26	0.26	RESIDENT
558046.0941605	558046.1	4160510	HLTN_64	1.50	1.51	0.26	0.26	RESIDENT
558046.0941605	558046.1	4160520	HLTN_65	1.61	1.61	0.26	0.26	RESIDENT
558046.0941605	558046.1	4160530	HLTN_66	1.74	1.73	0.27	0.27	RESIDENT
558046.0941605	558046.1	4160540	HLTN_67	1.84	1.83	0.27	0.27	RESIDENT
558046.0941605	558046.1	4160550	HLTN_68	1.95	1.94	0.27	0.27	RESIDENT
558056.0941604	558056.1	4160480	HLTN_69	1.34	1.37	0.26	0.26	RESIDENT
558056.0941604	558056.1	4160490	HLTN_70	1.42	1.44	0.27	0.26	RESIDENT
558056.0941605	558056.1	4160500	HLTN_71	1.49	1.51	0.27	0.27	RESIDENT
558056.0941605	558056.1	4160510	HLTN_72	1.58	1.60	0.27	0.27	RESIDENT
558056.0941605	558056.1	4160520	HLTN_73	1.72	1.73	0.27	0.27	RESIDENT
558056.0941605	558056.1	4160530	HLTN_74	1.87	1.86	0.28	0.28	RESIDENT
558056.0941605	558056.1	4160540	HLTN_75	1.98	1.98	0.28	0.28	RESIDENT
558066.0941604	558066.1	4160480	HLTN_76	1.46	1.48	0.28	0.28	RESIDENT
558066.0941604	558066.1	4160490	HLTN_77	1.54	1.56	0.28	0.28	RESIDENT
558066.0941605	558066.1	4160500	HLTN_78	1.59	1.61	0.28	0.28	RESIDENT
558066.0941605	558066.1	4160510	HLTN_79	1.73	1.74	0.28	0.28	RESIDENT
558066.0941605	558066.1	4160520	HLTN_80	1.87	1.88	0.29	0.29	RESIDENT
558066.0941605	558066.1	4160530	HLTN_81	2.00	2.01	0.29	0.29	RESIDENT
558076.0941604	558076.1	4160480	HLTN_82	1.53	1.55	0.29	0.29	RESIDENT
558076.0941604	558076.1	4160490	HLTN_83	1.63	1.65	0.29	0.29	RESIDENT
558076.0941605	558076.1	4160500	HLTN_84	1.68	1.70	0.29	0.29	RESIDENT
558076.0941605	558076.1	4160510	HLTN_85	1.86	1.87	0.29	0.29	RESIDENT
558076.0941605	558076.1	4160520	HLTN_86	1.99	2.01	0.30	0.30	RESIDENT
558086.0941604	558086.1	4160490	HLTN_87	1.69	1.71	0.30	0.30	RESIDENT
558086.0941605	558086.1	4160500	HLTN_88	1.79	1.81	0.30	0.30	RESIDENT
558086.0941605	558086.1	4160510	HLTN_89	1.96	1.98	0.31	0.31	RESIDENT
558096.0941604	558096.1	4160490	HLTN_90	1.76	1.78	0.31	0.31	RESIDENT
558096.0941605	558096.1	4160500	HLTN_91	1.92	1.93	0.32	0.32	RESIDENT
558186.7841604	558186.8	4160496	WRKR_95	2.22	2.23	0.49	0.49	WORKER
558186.7841605	558186.8	4160506	WRKR_96	2.44	2.45	0.49	0.49	WORKER
558196.7841604	558196.8	4160496	WRKR_97	2.23	2.22	0.52	0.52	WORKER
558196.7841605	558196.8	4160506	WRKR_98	2.44	2.44	0.52	0.53	WORKER
558196.7841605	558196.8	4160516	WRKR_99	2.71	2.72	0.53	0.53	WORKER
558196.7841605	558196.8	4160526	WRKR_100	3.07	3.10	0.54	0.54	WORKER
558206.7841605	558206.8	4160506	WRKR_101	2.43	2.42	0.56	0.56	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558206.7841605	558206.8	4160516	WRKR_102	2.71	2.71	0.57	0.57	WORKER
558206.7841605	558206.8	4160526	WRKR_103	3.04	3.05	0.57	0.58	WORKER
558206.7841605	558206.8	4160536	WRKR_104	3.47	3.52	0.58	0.58	WORKER
558216.7841605	558216.8	4160516	WRKR_105	2.69	2.67	0.61	0.61	WORKER
558216.7841605	558216.8	4160526	WRKR_106	3.01	3.00	0.62	0.62	WORKER
558216.7841605	558216.8	4160536	WRKR_107	3.40	3.42	0.62	0.63	WORKER
558216.7841605	558216.8	4160546	WRKR_108	3.90	3.97	0.63	0.63	WORKER
558226.7841605	558226.8	4160526	WRKR_109	2.97	2.94	0.66	0.66	WORKER
558226.7841605	558226.8	4160536	WRKR_110	3.36	3.35	0.67	0.67	WORKER
558226.7841605	558226.8	4160546	WRKR_111	3.85	3.88	0.68	0.68	WORKER
558236.7841605	558236.8	4160536	WRKR_112	3.27	3.25	0.72	0.73	WORKER
558115.1741604	558115.2	4160403	WRKR_113	1.03	1.05	0.31	0.32	WORKER
558115.1741604	558115.2	4160413	WRKR_114	1.10	1.12	0.32	0.32	WORKER
558115.1741604	558115.2	4160423	WRKR_115	1.17	1.20	0.32	0.32	WORKER
558115.1741604	558115.2	4160433	WRKR_116	1.26	1.28	0.32	0.32	WORKER
558115.1741604	558115.2	4160443	WRKR_117	1.35	1.37	0.33	0.33	WORKER
558125.1741603	558125.2	4160393	WRKR_118	0.97	1.00	0.32	0.33	WORKER
558125.1741604	558125.2	4160403	WRKR_119	1.04	1.06	0.33	0.33	WORKER
558125.1741604	558125.2	4160413	WRKR_120	1.11	1.13	0.33	0.33	WORKER
558125.1741604	558125.2	4160423	WRKR_121	1.19	1.21	0.33	0.34	WORKER
558125.1741604	558125.2	4160433	WRKR_122	1.28	1.30	0.34	0.34	WORKER
558125.1741604	558125.2	4160443	WRKR_123	1.37	1.39	0.34	0.34	WORKER
558135.1741603	558135.2	4160373	WRKR_124	0.86	0.88	0.33	0.33	WORKER
558135.1741603	558135.2	4160383	WRKR_125	0.92	0.94	0.33	0.34	WORKER
558135.1741603	558135.2	4160393	WRKR_126	0.98	1.00	0.34	0.34	WORKER
558135.1741604	558135.2	4160403	WRKR_127	1.05	1.06	0.34	0.34	WORKER
558135.1741604	558135.2	4160413	WRKR_128	1.12	1.14	0.35	0.35	WORKER
558135.1741604	558135.2	4160423	WRKR_129	1.20	1.22	0.35	0.35	WORKER
558135.1741604	558135.2	4160433	WRKR_130	1.29	1.31	0.35	0.35	WORKER
558135.1741604	558135.2	4160443	WRKR_131	1.39	1.41	0.36	0.36	WORKER
558145.1741603	558145.2	4160373	WRKR_132	0.86	0.88	0.34	0.35	WORKER
558145.1741603	558145.2	4160383	WRKR_133	0.92	0.93	0.35	0.35	WORKER
558145.1741603	558145.2	4160393	WRKR_134	0.98	1.00	0.35	0.35	WORKER
558145.1741604	558145.2	4160403	WRKR_135	1.05	1.06	0.36	0.36	WORKER
558145.1741604	558145.2	4160413	WRKR_136	1.13	1.14	0.36	0.36	WORKER
558145.1741604	558145.2	4160423	WRKR_137	1.21	1.22	0.37	0.37	WORKER
558145.1741604	558145.2	4160433	WRKR_138	1.30	1.32	0.37	0.37	WORKER
558145.1741604	558145.2	4160443	WRKR_139	1.40	1.42	0.37	0.37	WORKER
558155.1741603	558155.2	4160373	WRKR_140	0.86	0.87	0.36	0.36	WORKER
558155.1741603	558155.2	4160383	WRKR_141	0.92	0.93	0.36	0.36	WORKER
558155.1741603	558155.2	4160393	WRKR_142	0.98	0.99	0.37	0.37	WORKER
558155.1741604	558155.2	4160403	WRKR_143	1.05	1.06	0.37	0.37	WORKER
558155.1741604	558155.2	4160413	WRKR_144	1.13	1.14	0.38	0.38	WORKER
558155.1741604	558155.2	4160423	WRKR_145	1.21	1.22	0.38	0.38	WORKER
558155.1741604	558155.2	4160433	WRKR_146	1.31	1.32	0.39	0.39	WORKER
558155.1741604	558155.2	4160443	WRKR_147	1.41	1.42	0.39	0.39	WORKER
558165.1741603	558165.2	4160363	WRKR_148	0.80	0.81	0.37	0.37	WORKER
558165.1741603	558165.2	4160373	WRKR_149	0.85	0.86	0.37	0.38	WORKER
558165.1741603	558165.2	4160383	WRKR_150	0.91	0.92	0.38	0.38	WORKER
558165.1741603	558165.2	4160393	WRKR_151	0.97	0.98	0.38	0.39	WORKER
558165.1741604	558165.2	4160403	WRKR_152	1.04	1.05	0.39	0.39	WORKER
558165.1741604	558165.2	4160413	WRKR_153	1.12	1.13	0.39	0.40	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558165.1741604	558165.2	4160423	WRKR_154	1.21	1.22	0.40	0.40	WORKER
558165.1741604	558165.2	4160433	WRKR_155	1.30	1.31	0.41	0.41	WORKER
558175.1741603	558175.2	4160363	WRKR_156	0.79	0.79	0.38	0.39	WORKER
558175.1741603	558175.2	4160373	WRKR_157	0.84	0.85	0.39	0.39	WORKER
558175.1741603	558175.2	4160383	WRKR_158	0.90	0.91	0.39	0.40	WORKER
558175.1741603	558175.2	4160393	WRKR_159	0.96	0.97	0.40	0.40	WORKER
558175.1741604	558175.2	4160403	WRKR_160	1.03	1.04	0.41	0.41	WORKER
558175.1741604	558175.2	4160413	WRKR_161	1.11	1.12	0.41	0.42	WORKER
558175.1741604	558175.2	4160423	WRKR_162	1.20	1.21	0.42	0.42	WORKER
558185.1741603	558185.2	4160363	WRKR_163	0.78	0.78	0.40	0.40	WORKER
558185.1741603	558185.2	4160373	WRKR_164	0.83	0.83	0.41	0.41	WORKER
558185.1741603	558185.2	4160383	WRKR_165	0.89	0.89	0.41	0.42	WORKER
558185.1741603	558185.2	4160393	WRKR_166	0.95	0.96	0.42	0.42	WORKER
558185.1741604	558185.2	4160403	WRKR_167	1.02	1.03	0.43	0.43	WORKER
558185.1741604	558185.2	4160413	WRKR_168	1.10	1.10	0.43	0.44	WORKER
558185.1741604	558185.2	4160423	WRKR_169	1.19	1.19	0.44	0.44	WORKER
558185.1741604	558185.2	4160433	WRKR_170	1.28	1.29	0.45	0.45	WORKER
558185.1741604	558185.2	4160443	WRKR_171	1.39	1.40	0.45	0.46	WORKER
558195.1741603	558195.2	4160363	WRKR_172	0.77	0.76	0.42	0.42	WORKER
558195.1741603	558195.2	4160373	WRKR_173	0.82	0.82	0.42	0.43	WORKER
558195.1741603	558195.2	4160383	WRKR_174	0.87	0.87	0.43	0.43	WORKER
558195.1741603	558195.2	4160393	WRKR_175	0.94	0.94	0.44	0.44	WORKER
558195.1741604	558195.2	4160403	WRKR_176	1.01	1.01	0.45	0.45	WORKER
558195.1741604	558195.2	4160413	WRKR_177	1.08	1.08	0.45	0.46	WORKER
558195.1741604	558195.2	4160423	WRKR_178	1.17	1.17	0.46	0.46	WORKER
558195.1741604	558195.2	4160433	WRKR_179	1.26	1.26	0.47	0.47	WORKER
558195.1741604	558195.2	4160443	WRKR_180	1.37	1.37	0.48	0.48	WORKER
558195.1741604	558195.2	4160453	WRKR_181	1.48	1.49	0.48	0.49	WORKER
558205.1741603	558205.2	4160363	WRKR_182	0.75	0.75	0.43	0.44	WORKER
558205.1741603	558205.2	4160373	WRKR_183	0.80	0.80	0.44	0.45	WORKER
558205.1741603	558205.2	4160383	WRKR_184	0.86	0.85	0.45	0.45	WORKER
558205.1741603	558205.2	4160393	WRKR_185	0.92	0.92	0.46	0.46	WORKER
558205.1741604	558205.2	4160403	WRKR_186	0.99	0.98	0.47	0.47	WORKER
558205.1741604	558205.2	4160413	WRKR_187	1.06	1.06	0.48	0.48	WORKER
558205.1741604	558205.2	4160423	WRKR_188	1.15	1.14	0.49	0.49	WORKER
558205.1741604	558205.2	4160433	WRKR_189	1.24	1.24	0.49	0.50	WORKER
558205.1741604	558205.2	4160443	WRKR_190	1.34	1.34	0.50	0.51	WORKER
558205.1741604	558205.2	4160453	WRKR_191	1.46	1.46	0.51	0.51	WORKER
558205.1741604	558205.2	4160463	WRKR_192	1.59	1.60	0.52	0.52	WORKER
558215.1741603	558215.2	4160363	WRKR_193	0.73	0.73	0.45	0.46	WORKER
558215.1741603	558215.2	4160373	WRKR_194	0.78	0.78	0.46	0.47	WORKER
558215.1741603	558215.2	4160383	WRKR_195	0.84	0.83	0.47	0.48	WORKER
558215.1741603	558215.2	4160393	WRKR_196	0.90	0.89	0.48	0.49	WORKER
558215.1741604	558215.2	4160403	WRKR_197	0.97	0.96	0.49	0.49	WORKER
558215.1741604	558215.2	4160413	WRKR_198	1.04	1.03	0.50	0.50	WORKER
558215.1741604	558215.2	4160423	WRKR_199	1.12	1.12	0.51	0.51	WORKER
558215.1741604	558215.2	4160433	WRKR_200	1.21	1.21	0.52	0.52	WORKER
558215.1741604	558215.2	4160443	WRKR_201	1.31	1.31	0.53	0.53	WORKER
558215.1741604	558215.2	4160453	WRKR_202	1.43	1.43	0.54	0.54	WORKER
558215.1741604	558215.2	4160463	WRKR_203	1.55	1.56	0.55	0.55	WORKER
558215.1741604	558215.2	4160473	WRKR_204	1.70	1.71	0.56	0.56	WORKER
558225.1741603	558225.2	4160363	WRKR_205	0.72	0.71	0.47	0.48	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558225.1741603	558225.2	4160373	WRKR_206	0.77	0.76	0.48	0.49	WORKER
558225.1741603	558225.2	4160383	WRKR_207	0.82	0.81	0.49	0.50	WORKER
558225.1741603	558225.2	4160393	WRKR_208	0.88	0.87	0.50	0.51	WORKER
558225.1741604	558225.2	4160403	WRKR_209	0.94	0.93	0.51	0.52	WORKER
558225.1741604	558225.2	4160413	WRKR_210	1.01	1.01	0.53	0.53	WORKER
558225.1741604	558225.2	4160423	WRKR_211	1.09	1.09	0.54	0.54	WORKER
558225.1741604	558225.2	4160433	WRKR_212	1.18	1.17	0.55	0.55	WORKER
558225.1741604	558225.2	4160443	WRKR_213	1.28	1.27	0.56	0.56	WORKER
558225.1741604	558225.2	4160453	WRKR_214	1.39	1.39	0.57	0.58	WORKER
558225.1741604	558225.2	4160463	WRKR_215	1.52	1.51	0.58	0.59	WORKER
558225.1741604	558225.2	4160473	WRKR_216	1.66	1.66	0.59	0.60	WORKER
558225.1741604	558225.2	4160483	WRKR_217	1.82	1.83	0.60	0.61	WORKER
558235.1741603	558235.2	4160363	WRKR_218	0.70	0.69	0.49	0.50	WORKER
558235.1741603	558235.2	4160373	WRKR_219	0.75	0.74	0.50	0.51	WORKER
558235.1741603	558235.2	4160383	WRKR_220	0.80	0.79	0.52	0.52	WORKER
558235.1741603	558235.2	4160393	WRKR_221	0.86	0.84	0.53	0.53	WORKER
558235.1741604	558235.2	4160403	WRKR_222	0.92	0.91	0.54	0.54	WORKER
558235.1741604	558235.2	4160413	WRKR_223	0.99	0.98	0.55	0.56	WORKER
558235.1741604	558235.2	4160423	WRKR_224	1.07	1.05	0.56	0.57	WORKER
558235.1741604	558235.2	4160433	WRKR_225	1.15	1.14	0.58	0.58	WORKER
558235.1741604	558235.2	4160443	WRKR_226	1.25	1.24	0.59	0.60	WORKER
558235.1741604	558235.2	4160453	WRKR_227	1.36	1.35	0.60	0.61	WORKER
558235.1741604	558235.2	4160463	WRKR_228	1.48	1.47	0.62	0.62	WORKER
558235.1741604	558235.2	4160473	WRKR_229	1.62	1.61	0.63	0.64	WORKER
558235.1741604	558235.2	4160483	WRKR_230	1.78	1.77	0.64	0.65	WORKER
558235.1741604	558235.2	4160493	WRKR_231	1.96	1.96	0.65	0.66	WORKER
558245.1741603	558245.2	4160363	WRKR_232	0.68	0.67	0.52	0.52	WORKER
558245.1741603	558245.2	4160373	WRKR_233	0.73	0.71	0.53	0.53	WORKER
558245.1741603	558245.2	4160383	WRKR_234	0.78	0.76	0.54	0.55	WORKER
558245.1741603	558245.2	4160393	WRKR_235	0.83	0.82	0.55	0.56	WORKER
558245.1741604	558245.2	4160403	WRKR_236	0.89	0.88	0.57	0.57	WORKER
558245.1741604	558245.2	4160413	WRKR_237	0.96	0.95	0.58	0.59	WORKER
558245.1741604	558245.2	4160423	WRKR_238	1.04	1.02	0.59	0.60	WORKER
558245.1741604	558245.2	4160433	WRKR_239	1.12	1.11	0.61	0.61	WORKER
558245.1741604	558245.2	4160443	WRKR_240	1.21	1.20	0.62	0.63	WORKER
558245.1741604	558245.2	4160453	WRKR_241	1.32	1.30	0.64	0.64	WORKER
558245.1741604	558245.2	4160463	WRKR_242	1.44	1.42	0.65	0.66	WORKER
558245.1741604	558245.2	4160473	WRKR_243	1.58	1.56	0.67	0.68	WORKER
558245.1741604	558245.2	4160483	WRKR_244	1.73	1.71	0.68	0.69	WORKER
558245.1741604	558245.2	4160493	WRKR_245	1.91	1.89	0.70	0.71	WORKER
558245.1741605	558245.2	4160503	WRKR_246	2.11	2.10	0.71	0.72	WORKER
558255.1741603	558255.2	4160363	WRKR_247	0.66	0.65	0.54	0.54	WORKER
558255.1741603	558255.2	4160373	WRKR_248	0.71	0.69	0.55	0.56	WORKER
558255.1741603	558255.2	4160383	WRKR_249	0.76	0.74	0.57	0.57	WORKER
558255.1741603	558255.2	4160393	WRKR_250	0.81	0.79	0.58	0.58	WORKER
558255.1741604	558255.2	4160403	WRKR_251	0.87	0.85	0.59	0.60	WORKER
558255.1741604	558255.2	4160413	WRKR_252	0.93	0.92	0.61	0.62	WORKER
558255.1741604	558255.2	4160423	WRKR_253	1.01	0.99	0.62	0.63	WORKER
558255.1741604	558255.2	4160433	WRKR_254	1.09	1.07	0.64	0.65	WORKER
558255.1741604	558255.2	4160443	WRKR_255	1.18	1.16	0.66	0.66	WORKER
558255.1741604	558255.2	4160453	WRKR_256	1.28	1.26	0.67	0.68	WORKER
558255.1741604	558255.2	4160463	WRKR_257	1.40	1.38	0.69	0.70	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558255.1741604	558255.2	4160473	WRKR_258	1.53	1.51	0.71	0.72	WORKER
558255.1741604	558255.2	4160483	WRKR_259	1.68	1.66	0.73	0.74	WORKER
558255.1741604	558255.2	4160493	WRKR_260	1.86	1.83	0.75	0.76	WORKER
558255.1741605	558255.2	4160503	WRKR_261	2.05	2.04	0.76	0.77	WORKER
558255.1741605	558255.2	4160513	WRKR_262	2.28	2.28	0.78	0.79	WORKER
558265.1741603	558265.2	4160363	WRKR_263	0.64	0.63	0.56	0.57	WORKER
558265.1741603	558265.2	4160373	WRKR_264	0.69	0.67	0.58	0.58	WORKER
558265.1741603	558265.2	4160383	WRKR_265	0.73	0.72	0.59	0.60	WORKER
558265.1741603	558265.2	4160393	WRKR_266	0.78	0.77	0.61	0.61	WORKER
558265.1741604	558265.2	4160403	WRKR_267	0.84	0.83	0.62	0.63	WORKER
558265.1741604	558265.2	4160413	WRKR_268	0.90	0.89	0.64	0.65	WORKER
558265.1741604	558265.2	4160423	WRKR_269	0.98	0.96	0.66	0.66	WORKER
558265.1741604	558265.2	4160433	WRKR_270	1.05	1.03	0.68	0.68	WORKER
558265.1741604	558265.2	4160443	WRKR_271	1.14	1.12	0.69	0.70	WORKER
558265.1741604	558265.2	4160453	WRKR_272	1.24	1.22	0.71	0.72	WORKER
558265.1741604	558265.2	4160463	WRKR_273	1.35	1.33	0.73	0.74	WORKER
558265.1741604	558265.2	4160473	WRKR_274	1.48	1.46	0.75	0.76	WORKER
558265.1741604	558265.2	4160483	WRKR_275	1.63	1.60	0.78	0.79	WORKER
558265.1741604	558265.2	4160493	WRKR_276	1.80	1.77	0.80	0.81	WORKER
558265.1741605	558265.2	4160503	WRKR_277	2.01	1.97	0.82	0.83	WORKER
558265.1741605	558265.2	4160513	WRKR_278	2.23	2.21	0.84	0.85	WORKER
558265.1741605	558265.2	4160523	WRKR_279	2.50	2.49	0.86	0.88	WORKER
558275.1741603	558275.2	4160363	WRKR_280	0.62	0.61	0.59	0.59	WORKER
558275.1741603	558275.2	4160373	WRKR_281	0.67	0.65	0.60	0.61	WORKER
558275.1741603	558275.2	4160383	WRKR_282	0.71	0.70	0.62	0.62	WORKER
558275.1741603	558275.2	4160393	WRKR_283	0.76	0.74	0.64	0.64	WORKER
558275.1741604	558275.2	4160403	WRKR_284	0.82	0.80	0.65	0.66	WORKER
558275.1741604	558275.2	4160413	WRKR_285	0.88	0.86	0.67	0.68	WORKER
558275.1741604	558275.2	4160423	WRKR_286	0.94	0.92	0.69	0.70	WORKER
558275.1741604	558275.2	4160433	WRKR_287	1.02	1.00	0.71	0.72	WORKER
558275.1741604	558275.2	4160443	WRKR_288	1.11	1.08	0.73	0.74	WORKER
558275.1741604	558275.2	4160453	WRKR_289	1.20	1.18	0.75	0.76	WORKER
558275.1741604	558275.2	4160463	WRKR_290	1.31	1.28	0.78	0.79	WORKER
558275.1741604	558275.2	4160473	WRKR_291	1.44	1.41	0.80	0.81	WORKER
558275.1741604	558275.2	4160483	WRKR_292	1.58	1.55	0.83	0.84	WORKER
558275.1741604	558275.2	4160493	WRKR_293	1.75	1.71	0.85	0.87	WORKER
558275.1741605	558275.2	4160503	WRKR_294	1.95	1.91	0.88	0.89	WORKER
558275.1741605	558275.2	4160513	WRKR_295	2.19	2.14	0.91	0.92	WORKER
558275.1741605	558275.2	4160523	WRKR_296	2.47	2.43	0.94	0.95	WORKER
558275.1741605	558275.2	4160533	WRKR_297	2.80	2.79	0.97	0.98	WORKER
558285.1741603	558285.2	4160363	WRKR_298	0.60	0.59	0.61	0.62	WORKER
558285.1741603	558285.2	4160373	WRKR_299	0.64	0.63	0.63	0.63	WORKER
558285.1741603	558285.2	4160383	WRKR_300	0.69	0.67	0.65	0.65	WORKER
558285.1741603	558285.2	4160393	WRKR_301	0.74	0.72	0.66	0.67	WORKER
558285.1741604	558285.2	4160403	WRKR_302	0.79	0.77	0.68	0.69	WORKER
558285.1741604	558285.2	4160413	WRKR_303	0.85	0.83	0.71	0.71	WORKER
558285.1741604	558285.2	4160423	WRKR_304	0.91	0.89	0.73	0.74	WORKER
558285.1741604	558285.2	4160433	WRKR_305	0.99	0.96	0.75	0.76	WORKER
558285.1741604	558285.2	4160443	WRKR_306	1.07	1.04	0.77	0.78	WORKER
558285.1741604	558285.2	4160453	WRKR_307	1.17	1.13	0.80	0.81	WORKER
558285.1741604	558285.2	4160463	WRKR_308	1.27	1.24	0.82	0.84	WORKER
558285.1741604	558285.2	4160473	WRKR_309	1.40	1.36	0.85	0.86	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558285.1741604	558285.2	4160483	WRKR_310	1.54	1.50	0.88	0.89	WORKER
558285.1741604	558285.2	4160493	WRKR_311	1.70	1.66	0.91	0.93	WORKER
558285.1741605	558285.2	4160503	WRKR_312	1.90	1.85	0.95	0.96	WORKER
558285.1741605	558285.2	4160513	WRKR_313	2.14	2.09	0.98	1.00	WORKER
558285.1741605	558285.2	4160523	WRKR_314	2.43	2.38	1.02	1.03	WORKER
558285.1741605	558285.2	4160533	WRKR_315	2.76	2.74	1.05	1.07	WORKER
558295.1741603	558295.2	4160363	WRKR_316	0.58	0.57	0.64	0.64	WORKER
558295.1741603	558295.2	4160373	WRKR_317	0.62	0.61	0.66	0.66	WORKER
558295.1741603	558295.2	4160383	WRKR_318	0.67	0.65	0.67	0.68	WORKER
558295.1741603	558295.2	4160393	WRKR_319	0.71	0.69	0.70	0.70	WORKER
558295.1741604	558295.2	4160403	WRKR_320	0.76	0.74	0.72	0.72	WORKER
558295.1741604	558295.2	4160413	WRKR_321	0.82	0.80	0.74	0.75	WORKER
558295.1741604	558295.2	4160423	WRKR_322	0.88	0.86	0.76	0.77	WORKER
558295.1741604	558295.2	4160433	WRKR_323	0.96	0.93	0.79	0.80	WORKER
558295.1741604	558295.2	4160443	WRKR_324	1.04	1.01	0.82	0.83	WORKER
558295.1741604	558295.2	4160453	WRKR_325	1.13	1.09	0.84	0.86	WORKER
558295.1741604	558295.2	4160463	WRKR_326	1.24	1.19	0.87	0.89	WORKER
558295.1741604	558295.2	4160473	WRKR_327	1.36	1.31	0.91	0.92	WORKER
558295.1741604	558295.2	4160483	WRKR_328	1.50	1.45	0.94	0.95	WORKER
558295.1741604	558295.2	4160493	WRKR_329	1.66	1.61	0.97	0.99	WORKER
558295.1741605	558295.2	4160503	WRKR_330	1.86	1.80	1.01	1.03	WORKER
558295.1741605	558295.2	4160513	WRKR_331	2.10	2.04	1.06	1.08	WORKER
558295.1741605	558295.2	4160523	WRKR_332	2.38	2.33	1.10	1.12	WORKER
558295.1741605	558295.2	4160533	WRKR_333	2.72	2.70	1.15	1.17	WORKER
558305.1741603	558305.2	4160363	WRKR_334	0.57	0.55	0.66	0.67	WORKER
558305.1741603	558305.2	4160373	WRKR_335	0.60	0.59	0.68	0.69	WORKER
558305.1741603	558305.2	4160383	WRKR_336	0.64	0.62	0.70	0.71	WORKER
558305.1741603	558305.2	4160393	WRKR_337	0.69	0.67	0.73	0.73	WORKER
558305.1741604	558305.2	4160403	WRKR_338	0.74	0.71	0.75	0.76	WORKER
558305.1741604	558305.2	4160413	WRKR_339	0.79	0.77	0.77	0.78	WORKER
558305.1741604	558305.2	4160423	WRKR_340	0.86	0.83	0.80	0.81	WORKER
558305.1741604	558305.2	4160433	WRKR_341	0.93	0.89	0.83	0.84	WORKER
558305.1741604	558305.2	4160443	WRKR_342	1.01	0.97	0.86	0.87	WORKER
558305.1741604	558305.2	4160453	WRKR_343	1.10	1.05	0.89	0.90	WORKER
558305.1741604	558305.2	4160463	WRKR_344	1.20	1.15	0.92	0.94	WORKER
558305.1741604	558305.2	4160473	WRKR_345	1.32	1.27	0.96	0.97	WORKER
558305.1741604	558305.2	4160483	WRKR_346	1.46	1.40	1.00	1.02	WORKER
558305.1741604	558305.2	4160493	WRKR_347	1.62	1.56	1.04	1.06	WORKER
558305.1741605	558305.2	4160503	WRKR_348	1.82	1.75	1.09	1.11	WORKER
558305.1741605	558305.2	4160513	WRKR_349	2.05	1.99	1.14	1.16	WORKER
558305.1741605	558305.2	4160523	WRKR_350	2.34	2.29	1.19	1.22	WORKER
558305.1741605	558305.2	4160533	WRKR_351	2.68	2.66	1.25	1.28	WORKER
558315.1741603	558315.2	4160363	WRKR_352	0.55	0.53	0.69	0.70	WORKER
558315.1741603	558315.2	4160373	WRKR_353	0.58	0.56	0.71	0.72	WORKER
558315.1741603	558315.2	4160383	WRKR_354	0.62	0.60	0.73	0.74	WORKER
558315.1741603	558315.2	4160393	WRKR_355	0.66	0.64	0.76	0.77	WORKER
558315.1741604	558315.2	4160403	WRKR_356	0.71	0.69	0.78	0.79	WORKER
558315.1741604	558315.2	4160413	WRKR_357	0.77	0.74	0.81	0.82	WORKER
558315.1741604	558315.2	4160423	WRKR_358	0.83	0.79	0.84	0.85	WORKER
558315.1741604	558315.2	4160433	WRKR_359	0.90	0.86	0.87	0.88	WORKER
558315.1741604	558315.2	4160443	WRKR_360	0.97	0.93	0.90	0.91	WORKER
558315.1741604	558315.2	4160453	WRKR_361	1.06	1.01	0.94	0.95	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558315.1741604	558315.2	4160463	WRKR_362	1.16	1.11	0.98	0.99	WORKER
558315.1741604	558315.2	4160473	WRKR_363	1.28	1.22	1.02	1.03	WORKER
558315.1741604	558315.2	4160483	WRKR_364	1.42	1.36	1.06	1.08	WORKER
558315.1741604	558315.2	4160493	WRKR_365	1.58	1.51	1.11	1.13	WORKER
558315.1741605	558315.2	4160503	WRKR_366	1.78	1.71	1.16	1.19	WORKER
558315.1741605	558315.2	4160513	WRKR_367	2.01	1.95	1.22	1.25	WORKER
558315.1741605	558315.2	4160523	WRKR_368	2.30	2.24	1.29	1.32	WORKER
558315.1741605	558315.2	4160533	WRKR_369	2.63	2.61	1.36	1.40	WORKER
558325.1741603	558325.2	4160363	WRKR_370	0.53	0.51	0.72	0.73	WORKER
558325.1741603	558325.2	4160373	WRKR_371	0.56	0.54	0.74	0.75	WORKER
558325.1741603	558325.2	4160383	WRKR_372	0.60	0.58	0.76	0.77	WORKER
558325.1741603	558325.2	4160393	WRKR_373	0.64	0.61	0.79	0.80	WORKER
558325.1741604	558325.2	4160403	WRKR_374	0.69	0.66	0.82	0.83	WORKER
558325.1741604	558325.2	4160413	WRKR_375	0.74	0.71	0.85	0.86	WORKER
558325.1741604	558325.2	4160423	WRKR_376	0.80	0.76	0.88	0.89	WORKER
558325.1741604	558325.2	4160433	WRKR_377	0.87	0.82	0.91	0.92	WORKER
558325.1741604	558325.2	4160443	WRKR_378	0.94	0.89	0.95	0.96	WORKER
558325.1741604	558325.2	4160453	WRKR_379	1.03	0.98	0.99	1.00	WORKER
558325.1741604	558325.2	4160463	WRKR_380	1.13	1.07	1.03	1.04	WORKER
558325.1741604	558325.2	4160473	WRKR_381	1.25	1.18	1.07	1.09	WORKER
558325.1741604	558325.2	4160483	WRKR_382	1.38	1.31	1.12	1.14	WORKER
558325.1741604	558325.2	4160493	WRKR_383	1.55	1.47	1.18	1.20	WORKER
558325.1741605	558325.2	4160503	WRKR_384	1.74	1.67	1.24	1.27	WORKER
558325.1741605	558325.2	4160513	WRKR_385	1.98	1.90	1.31	1.34	WORKER
558325.1741605	558325.2	4160523	WRKR_386	2.26	2.20	1.39	1.43	WORKER
558325.1741605	558325.2	4160533	WRKR_387	2.58	2.57	1.48	1.52	WORKER
558335.1741603	558335.2	4160363	WRKR_388	0.51	0.49	0.75	0.75	WORKER
558335.1741603	558335.2	4160373	WRKR_389	0.54	0.52	0.77	0.78	WORKER
558335.1741603	558335.2	4160383	WRKR_390	0.58	0.55	0.80	0.80	WORKER
558335.1741603	558335.2	4160393	WRKR_391	0.62	0.59	0.82	0.83	WORKER
558335.1741604	558335.2	4160403	WRKR_392	0.66	0.63	0.85	0.86	WORKER
558335.1741604	558335.2	4160413	WRKR_393	0.72	0.68	0.88	0.89	WORKER
558335.1741604	558335.2	4160423	WRKR_394	0.77	0.73	0.92	0.93	WORKER
558335.1741604	558335.2	4160433	WRKR_395	0.84	0.79	0.95	0.96	WORKER
558335.1741604	558335.2	4160443	WRKR_396	0.91	0.86	0.99	1.00	WORKER
558335.1741604	558335.2	4160453	WRKR_397	1.00	0.94	1.03	1.05	WORKER
558335.1741604	558335.2	4160463	WRKR_398	1.10	1.03	1.08	1.09	WORKER
558335.1741604	558335.2	4160473	WRKR_399	1.21	1.14	1.13	1.15	WORKER
558335.1741604	558335.2	4160483	WRKR_400	1.35	1.27	1.18	1.20	WORKER
558335.1741604	558335.2	4160493	WRKR_401	1.51	1.43	1.25	1.27	WORKER
558335.1741605	558335.2	4160503	WRKR_402	1.70	1.62	1.32	1.35	WORKER
558335.1741605	558335.2	4160513	WRKR_403	1.93	1.86	1.40	1.43	WORKER
558335.1741605	558335.2	4160523	WRKR_404	2.21	2.16	1.49	1.53	WORKER
558335.1741605	558335.2	4160533	WRKR_405	2.52	2.51	1.59	1.65	WORKER
558345.1741603	558345.2	4160363	WRKR_406	0.49	0.47	0.78	0.78	WORKER
558345.1741603	558345.2	4160373	WRKR_407	0.52	0.50	0.80	0.81	WORKER
558345.1741603	558345.2	4160383	WRKR_408	0.56	0.53	0.83	0.84	WORKER
558345.1741603	558345.2	4160393	WRKR_409	0.60	0.56	0.86	0.87	WORKER
558345.1741604	558345.2	4160403	WRKR_410	0.64	0.60	0.89	0.90	WORKER
558345.1741604	558345.2	4160413	WRKR_411	0.69	0.65	0.92	0.93	WORKER
558345.1741604	558345.2	4160423	WRKR_412	0.75	0.70	0.96	0.97	WORKER
558345.1741604	558345.2	4160433	WRKR_413	0.81	0.76	0.99	1.01	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558345.1741604	558345.2	4160443	WRKR_414	0.88	0.82	1.03	1.04	WORKER
558345.1741604	558345.2	4160453	WRKR_415	0.97	0.90	1.08	1.09	WORKER
558345.1741604	558345.2	4160463	WRKR_416	1.07	1.00	1.13	1.15	WORKER
558345.1741604	558345.2	4160473	WRKR_417	1.18	1.10	1.18	1.20	WORKER
558345.1741604	558345.2	4160483	WRKR_418	1.31	1.24	1.25	1.27	WORKER
558345.1741604	558345.2	4160493	WRKR_419	1.47	1.39	1.31	1.34	WORKER
558345.1741605	558345.2	4160503	WRKR_420	1.66	1.58	1.39	1.42	WORKER
558345.1741605	558345.2	4160513	WRKR_421	1.89	1.82	1.48	1.52	WORKER
558345.1741605	558345.2	4160523	WRKR_422	2.15	2.11	1.59	1.63	WORKER
558345.1741605	558345.2	4160533	WRKR_423	2.46	2.45	1.71	1.77	WORKER
558355.1741603	558355.2	4160363	WRKR_424	0.48	0.45	0.81	0.81	WORKER
558355.1741603	558355.2	4160373	WRKR_425	0.51	0.48	0.83	0.84	WORKER
558355.1741603	558355.2	4160383	WRKR_426	0.54	0.51	0.86	0.87	WORKER
558355.1741603	558355.2	4160393	WRKR_427	0.58	0.54	0.90	0.90	WORKER
558355.1741604	558355.2	4160403	WRKR_428	0.62	0.58	0.93	0.94	WORKER
558355.1741604	558355.2	4160413	WRKR_429	0.67	0.62	0.96	0.97	WORKER
558355.1741604	558355.2	4160423	WRKR_430	0.72	0.67	1.00	1.01	WORKER
558355.1741604	558355.2	4160433	WRKR_431	0.79	0.73	1.04	1.05	WORKER
558355.1741604	558355.2	4160443	WRKR_432	0.86	0.79	1.08	1.09	WORKER
558355.1741604	558355.2	4160453	WRKR_433	0.94	0.87	1.13	1.14	WORKER
558355.1741604	558355.2	4160463	WRKR_434	1.04	0.96	1.18	1.20	WORKER
558355.1741604	558355.2	4160473	WRKR_435	1.15	1.07	1.24	1.26	WORKER
558355.1741604	558355.2	4160483	WRKR_436	1.28	1.20	1.30	1.33	WORKER
558355.1741604	558355.2	4160493	WRKR_437	1.44	1.36	1.38	1.40	WORKER
558355.1741605	558355.2	4160503	WRKR_438	1.62	1.55	1.46	1.49	WORKER
558355.1741605	558355.2	4160513	WRKR_439	1.84	1.77	1.56	1.60	WORKER
558355.1741605	558355.2	4160523	WRKR_440	2.09	2.05	1.68	1.73	WORKER
558355.1741605	558355.2	4160533	WRKR_441	2.38	2.38	1.81	1.88	WORKER
558365.1741603	558365.2	4160363	WRKR_442	0.46	0.43	0.84	0.85	WORKER
558365.1741603	558365.2	4160373	WRKR_443	0.49	0.46	0.87	0.88	WORKER
558365.1741603	558365.2	4160383	WRKR_444	0.52	0.49	0.90	0.91	WORKER
558365.1741603	558365.2	4160393	WRKR_445	0.56	0.52	0.93	0.94	WORKER
558365.1741604	558365.2	4160403	WRKR_446	0.60	0.56	0.97	0.98	WORKER
558365.1741604	558365.2	4160413	WRKR_447	0.65	0.60	1.00	1.01	WORKER
558365.1741604	558365.2	4160423	WRKR_448	0.70	0.65	1.04	1.05	WORKER
558365.1741604	558365.2	4160433	WRKR_449	0.77	0.70	1.08	1.09	WORKER
558365.1741604	558365.2	4160443	WRKR_450	0.84	0.77	1.13	1.14	WORKER
558365.1741604	558365.2	4160453	WRKR_451	0.92	0.84	1.18	1.19	WORKER
558365.1741604	558365.2	4160463	WRKR_452	1.01	0.93	1.24	1.25	WORKER
558365.1741604	558365.2	4160473	WRKR_453	1.12	1.04	1.30	1.31	WORKER
558365.1741604	558365.2	4160483	WRKR_454	1.25	1.17	1.36	1.39	WORKER
558365.1741604	558365.2	4160493	WRKR_455	1.40	1.32	1.44	1.47	WORKER
558365.1741605	558365.2	4160503	WRKR_456	1.58	1.51	1.53	1.57	WORKER
558365.1741605	558365.2	4160513	WRKR_457	1.78	1.73	1.64	1.68	WORKER
558365.1741605	558365.2	4160523	WRKR_458	2.02	1.99	1.76	1.81	WORKER
558365.1741605	558365.2	4160533	WRKR_459	2.30	2.30	1.91	1.98	WORKER
558375.1741603	558375.2	4160363	WRKR_460	0.45	0.42	0.88	0.88	WORKER
558375.1741603	558375.2	4160373	WRKR_461	0.48	0.44	0.91	0.92	WORKER
558375.1741603	558375.2	4160383	WRKR_462	0.51	0.47	0.94	0.95	WORKER
558375.1741603	558375.2	4160393	WRKR_463	0.55	0.50	0.97	0.98	WORKER
558375.1741604	558375.2	4160403	WRKR_464	0.59	0.54	1.01	1.02	WORKER
558375.1741604	558375.2	4160413	WRKR_465	0.63	0.58	1.05	1.06	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558375.1741604	558375.2	4160423	WRKR_466	0.69	0.63	1.09	1.10	WORKER
558375.1741604	558375.2	4160433	WRKR_467	0.75	0.68	1.13	1.14	WORKER
558375.1741604	558375.2	4160443	WRKR_468	0.82	0.74	1.18	1.19	WORKER
558375.1741604	558375.2	4160453	WRKR_469	0.89	0.82	1.23	1.25	WORKER
558375.1741604	558375.2	4160463	WRKR_470	0.99	0.91	1.29	1.30	WORKER
558375.1741604	558375.2	4160473	WRKR_471	1.10	1.01	1.35	1.37	WORKER
558375.1741604	558375.2	4160483	WRKR_472	1.22	1.14	1.43	1.45	WORKER
558375.1741604	558375.2	4160493	WRKR_473	1.37	1.29	1.51	1.53	WORKER
558375.1741605	558375.2	4160503	WRKR_474	1.54	1.47	1.60	1.64	WORKER
558375.1741605	558375.2	4160513	WRKR_475	1.73	1.68	1.72	1.76	WORKER
558375.1741605	558375.2	4160523	WRKR_476	1.96	1.93	1.85	1.90	WORKER
558375.1741605	558375.2	4160533	WRKR_477	2.23	2.22	2.01	2.08	WORKER
558385.1741603	558385.2	4160363	WRKR_478	0.44	0.40	0.91	0.92	WORKER
558385.1741603	558385.2	4160373	WRKR_479	0.46	0.43	0.95	0.96	WORKER
558385.1741603	558385.2	4160383	WRKR_480	0.50	0.46	0.98	0.99	WORKER
558385.1741603	558385.2	4160393	WRKR_481	0.53	0.49	1.01	1.02	WORKER
558385.1741604	558385.2	4160403	WRKR_482	0.57	0.52	1.05	1.06	WORKER
558385.1741604	558385.2	4160413	WRKR_483	0.62	0.56	1.09	1.10	WORKER
558385.1741604	558385.2	4160423	WRKR_484	0.67	0.61	1.13	1.15	WORKER
558385.1741604	558385.2	4160433	WRKR_485	0.73	0.66	1.18	1.19	WORKER
558385.1741604	558385.2	4160443	WRKR_486	0.80	0.73	1.23	1.24	WORKER
558385.1741604	558385.2	4160453	WRKR_487	0.88	0.80	1.28	1.30	WORKER
558385.1741604	558385.2	4160463	WRKR_488	0.97	0.89	1.34	1.36	WORKER
558385.1741604	558385.2	4160473	WRKR_489	1.07	0.99	1.41	1.43	WORKER
558385.1741604	558385.2	4160483	WRKR_490	1.19	1.12	1.49	1.51	WORKER
558385.1741604	558385.2	4160493	WRKR_491	1.34	1.26	1.58	1.60	WORKER
558385.1741605	558385.2	4160503	WRKR_492	1.50	1.43	1.68	1.71	WORKER
558385.1741605	558385.2	4160513	WRKR_493	1.69	1.64	1.79	1.84	WORKER
558385.1741605	558385.2	4160523	WRKR_494	1.90	1.87	1.93	1.99	WORKER
558385.1741605	558385.2	4160533	WRKR_495	2.15	2.14	2.10	2.18	WORKER
558395.1741603	558395.2	4160363	WRKR_496	0.43	0.39	0.95	0.96	WORKER
558395.1741603	558395.2	4160373	WRKR_497	0.45	0.42	0.99	0.99	WORKER
558395.1741603	558395.2	4160383	WRKR_498	0.48	0.44	1.02	1.03	WORKER
558395.1741603	558395.2	4160393	WRKR_499	0.52	0.47	1.06	1.07	WORKER
558395.1741604	558395.2	4160403	WRKR_500	0.56	0.51	1.10	1.11	WORKER
558395.1741604	558395.2	4160413	WRKR_501	0.60	0.55	1.14	1.15	WORKER
558395.1741604	558395.2	4160423	WRKR_502	0.66	0.60	1.18	1.19	WORKER
558395.1741604	558395.2	4160433	WRKR_503	0.72	0.65	1.23	1.24	WORKER
558395.1741604	558395.2	4160443	WRKR_504	0.78	0.71	1.28	1.30	WORKER
558395.1741604	558395.2	4160453	WRKR_505	0.86	0.79	1.34	1.35	WORKER
558395.1741604	558395.2	4160463	WRKR_506	0.95	0.87	1.40	1.42	WORKER
558395.1741604	558395.2	4160473	WRKR_507	1.05	0.98	1.47	1.49	WORKER
558395.1741604	558395.2	4160483	WRKR_508	1.17	1.10	1.55	1.57	WORKER
558395.1741604	558395.2	4160493	WRKR_509	1.31	1.24	1.64	1.67	WORKER
558395.1741605	558395.2	4160503	WRKR_510	1.47	1.41	1.75	1.78	WORKER
558395.1741605	558395.2	4160513	WRKR_511	1.64	1.60	1.87	1.92	WORKER
557513.4841606	557513.5	4160679	HOTEL_1	0.13	0.13	0.07	0.07	RESIDENT
557513.4841606	557513.5	4160689	HOTEL_2	0.13	0.13	0.07	0.07	RESIDENT
557513.4841606	557513.5	4160699	HOTEL_3	0.13	0.12	0.07	0.07	RESIDENT
557513.4841607	557513.5	4160709	HOTEL_4	0.13	0.12	0.07	0.07	RESIDENT
557513.4841607	557513.5	4160719	HOTEL_5	0.13	0.12	0.07	0.07	RESIDENT
557513.4841607	557513.5	4160729	HOTEL_6	0.13	0.12	0.07	0.07	RESIDENT

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
557523.4841606	557523.5	4160679	HOTEL_7	0.13	0.13	0.07	0.07	RESIDENT
557523.4841606	557523.5	4160689	HOTEL_8	0.13	0.13	0.07	0.07	RESIDENT
557523.4841606	557523.5	4160699	HOTEL_9	0.13	0.13	0.07	0.07	RESIDENT
557523.4841607	557523.5	4160709	HOTEL_10	0.13	0.13	0.07	0.07	RESIDENT
557523.4841607	557523.5	4160719	HOTEL_11	0.13	0.12	0.07	0.07	RESIDENT
557523.4841607	557523.5	4160729	HOTEL_12	0.13	0.12	0.07	0.07	RESIDENT
557533.4841606	557533.5	4160679	HOTEL_13	0.13	0.13	0.07	0.07	RESIDENT
557533.4841606	557533.5	4160689	HOTEL_14	0.13	0.13	0.07	0.07	RESIDENT
557533.4841606	557533.5	4160699	HOTEL_15	0.13	0.13	0.07	0.07	RESIDENT
557533.4841607	557533.5	4160709	HOTEL_16	0.13	0.13	0.07	0.07	RESIDENT
557533.4841607	557533.5	4160719	HOTEL_17	0.13	0.13	0.07	0.07	RESIDENT
557533.4841607	557533.5	4160729	HOTEL_18	0.13	0.13	0.07	0.07	RESIDENT
557543.4841606	557543.5	4160679	HOTEL_19	0.14	0.14	0.08	0.07	RESIDENT
557543.4841606	557543.5	4160689	HOTEL_20	0.14	0.14	0.08	0.07	RESIDENT
557543.4841606	557543.5	4160699	HOTEL_21	0.14	0.13	0.08	0.07	RESIDENT
557543.4841607	557543.5	4160709	HOTEL_22	0.14	0.13	0.08	0.07	RESIDENT
557543.4841607	557543.5	4160719	HOTEL_23	0.14	0.13	0.08	0.07	RESIDENT
557543.4841607	557543.5	4160729	HOTEL_24	0.14	0.13	0.08	0.07	RESIDENT
557553.4841606	557553.5	4160679	HOTEL_25	0.14	0.14	0.08	0.08	RESIDENT
557553.4841606	557553.5	4160689	HOTEL_26	0.14	0.14	0.08	0.08	RESIDENT
557553.4841606	557553.5	4160699	HOTEL_27	0.14	0.14	0.08	0.08	RESIDENT
557553.4841607	557553.5	4160709	HOTEL_28	0.14	0.14	0.08	0.08	RESIDENT
557553.4841607	557553.5	4160719	HOTEL_29	0.14	0.14	0.08	0.08	RESIDENT
557553.4841607	557553.5	4160729	HOTEL_30	0.14	0.14	0.08	0.08	RESIDENT
557563.4841606	557563.5	4160679	HOTEL_31	0.15	0.15	0.08	0.08	RESIDENT
557563.4841606	557563.5	4160689	HOTEL_32	0.15	0.15	0.08	0.08	RESIDENT
557563.4841606	557563.5	4160699	HOTEL_33	0.15	0.14	0.08	0.08	RESIDENT
557563.4841607	557563.5	4160709	HOTEL_34	0.15	0.14	0.08	0.08	RESIDENT
557563.4841607	557563.5	4160719	HOTEL_35	0.15	0.14	0.08	0.08	RESIDENT
557563.4841607	557563.5	4160729	HOTEL_36	0.15	0.14	0.08	0.08	RESIDENT
557573.4841606	557573.5	4160679	HOTEL_37	0.15	0.15	0.08	0.08	RESIDENT
557573.4841606	557573.5	4160689	HOTEL_38	0.15	0.15	0.08	0.08	RESIDENT
557573.4841606	557573.5	4160699	HOTEL_39	0.15	0.15	0.08	0.08	RESIDENT
557573.4841607	557573.5	4160709	HOTEL_40	0.15	0.15	0.08	0.08	RESIDENT
557573.4841607	557573.5	4160719	HOTEL_41	0.15	0.14	0.08	0.08	RESIDENT
557573.4841607	557573.5	4160729	HOTEL_42	0.15	0.14	0.08	0.08	RESIDENT
557583.4841606	557583.5	4160679	HOTEL_43	0.16	0.16	0.08	0.08	RESIDENT
557583.4841606	557583.5	4160689	HOTEL_44	0.16	0.15	0.08	0.08	RESIDENT
557583.4841606	557583.5	4160699	HOTEL_45	0.16	0.15	0.08	0.08	RESIDENT
557583.4841607	557583.5	4160709	HOTEL_46	0.16	0.15	0.08	0.08	RESIDENT
557583.4841607	557583.5	4160719	HOTEL_47	0.16	0.15	0.08	0.08	RESIDENT
557583.4841607	557583.5	4160729	HOTEL_48	0.16	0.15	0.08	0.08	RESIDENT
557593.4841606	557593.5	4160679	HOTEL_49	0.16	0.16	0.08	0.08	RESIDENT
557593.4841606	557593.5	4160689	HOTEL_50	0.16	0.16	0.08	0.08	RESIDENT
557593.4841606	557593.5	4160699	HOTEL_51	0.16	0.16	0.08	0.08	RESIDENT
557593.4841607	557593.5	4160709	HOTEL_52	0.16	0.16	0.08	0.08	RESIDENT
557593.4841607	557593.5	4160719	HOTEL_53	0.16	0.15	0.08	0.08	RESIDENT
557593.4841607	557593.5	4160729	HOTEL_54	0.16	0.15	0.08	0.08	RESIDENT
557603.4841606	557603.5	4160679	HOTEL_55	0.17	0.17	0.08	0.08	RESIDENT
557603.4841606	557603.5	4160689	HOTEL_56	0.17	0.16	0.08	0.08	RESIDENT
557603.4841606	557603.5	4160699	HOTEL_57	0.17	0.16	0.08	0.08	RESIDENT
557603.4841607	557603.5	4160709	HOTEL_58	0.17	0.16	0.08	0.08	RESIDENT

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
557603.4841607	557603.5	4160719	HOTEL_59	0.17	0.16	0.08	0.08	RESIDENT
557613.4841606	557613.5	4160679	HOTEL_60	0.17	0.17	0.09	0.08	RESIDENT
557613.4841606	557613.5	4160689	HOTEL_61	0.17	0.17	0.09	0.08	RESIDENT
557613.4841606	557613.5	4160699	HOTEL_62	0.17	0.17	0.09	0.08	RESIDENT
557613.4841607	557613.5	4160709	HOTEL_63	0.17	0.17	0.09	0.08	RESIDENT
557623.4841606	557623.5	4160689	HOTEL_64	0.18	0.18	0.09	0.09	RESIDENT
557623.4841606	557623.5	4160699	HOTEL_65	0.18	0.17	0.09	0.09	RESIDENT
557623.4841607	557623.5	4160709	HOTEL_66	0.18	0.17	0.09	0.09	RESIDENT
558477.6641605	558477.7	4160569	WRKR_51	2.31	2.41	4.87	5.32	WORKER
558477.6641605	558477.7	4160579	WRKR_51	2.53	2.67	5.63	6.31	WORKER
558477.6641605	558477.7	4160589	WRKR_51	2.78	2.96	6.66	7.74	WORKER
558477.6641605	558477.7	4160599	WRKR_51	3.05	3.28	8.09	9.94	WORKER
558487.6641605	558487.7	4160569	WRKR_51	2.20	2.31	5.07	5.54	WORKER
558487.6641605	558487.7	4160579	WRKR_51	2.39	2.54	5.77	6.46	WORKER
558487.6641605	558487.7	4160589	WRKR_51	2.60	2.79	6.68	7.71	WORKER
558487.6641605	558487.7	4160599	WRKR_51	2.83	3.07	7.95	9.56	WORKER
558497.6641605	558497.7	4160569	WRKR_52	2.12	2.24	5.36	5.92	WORKER
558497.6641605	558497.7	4160579	WRKR_52	2.30	2.45	6.04	6.81	WORKER
558497.6641605	558497.7	4160589	WRKR_52	2.49	2.68	6.95	8.06	WORKER
558497.6641605	558497.7	4160599	WRKR_52	2.68	2.91	8.20	9.84	WORKER
558507.6641605	558507.7	4160569	WRKR_52	2.06	2.18	5.85	6.55	WORKER
558507.6641605	558507.7	4160579	WRKR_52	2.22	2.37	6.52	7.45	WORKER
558507.6641605	558507.7	4160589	WRKR_52	2.39	2.58	7.51	8.85	WORKER
558507.6641605	558507.7	4160599	WRKR_52	2.56	2.79	8.87	10.83	WORKER
558517.6641605	558517.7	4160569	WRKR_52	1.99	2.12	6.43	7.34	WORKER
558517.6641605	558517.7	4160579	WRKR_52	2.14	2.29	7.14	8.36	WORKER
558517.6641605	558517.7	4160589	WRKR_53	2.29	2.47	8.15	9.83	WORKER
558517.6641605	558517.7	4160599	WRKR_53	2.44	2.65	9.66	12.09	WORKER
558527.6641605	558527.7	4160569	WRKR_53	1.92	2.05	7.14	8.41	WORKER
558527.6641605	558527.7	4160579	WRKR_53	2.05	2.20	7.95	9.65	WORKER
558527.6641605	558527.7	4160589	WRKR_53	2.18	2.36	9.06	11.37	WORKER
558527.6641605	558527.7	4160599	WRKR_53	2.31	2.52	8.39	13.99	WORKER
558537.6641605	558537.7	4160569	WRKR_53	1.85	1.98	8.15	10.05	WORKER
558537.6641605	558537.7	4160579	WRKR_53	1.97	2.12	9.06	11.63	WORKER
558537.6641605	558537.7	4160589	WRKR_53	2.08	2.26	7.64	13.82	WORKER
558537.6641605	558537.7	4160599	WRKR_53	2.19	2.38	8.52	10.81	WORKER
558547.6641605	558547.7	4160569	WRKR_54	1.78	1.91	9.57	12.54	WORKER
558547.6641605	558547.7	4160579	WRKR_54	1.89	2.04	7.55	9.42	WORKER
558547.6641605	558547.7	4160589	WRKR_54	1.98	2.15	5.67	6.61	WORKER
558557.6641605	558557.7	4160569	WRKR_54	1.72	1.85	5.37	6.32	WORKER
558600.6441605	558600.6	4160569	WRKR_54	1.45	1.58	6.94	8.84	WORKER
558600.6441605	558600.6	4160579	WRKR_54	1.50	1.64	7.08	9.07	WORKER
558600.6441605	558600.6	4160589	WRKR_54	1.54	1.68	8.51	11.40	WORKER
558600.6441605	558600.6	4160599	WRKR_54	1.57	1.71	7.72	9.91	WORKER
558610.6441605	558610.6	4160569	WRKR_54	1.39	1.51	8.35	10.95	WORKER
558610.6441605	558610.6	4160579	WRKR_54	1.43	1.56	7.72	9.78	WORKER
558610.6441605	558610.6	4160589	WRKR_55	1.46	1.59	7.10	8.73	WORKER
558610.6441605	558610.6	4160599	WRKR_55	1.49	1.62	6.45	7.71	WORKER
558620.6441605	558620.6	4160569	WRKR_55	1.33	1.45	7.11	8.60	WORKER
558620.6441605	558620.6	4160579	WRKR_55	1.36	1.48	6.57	7.80	WORKER
558620.6441605	558620.6	4160589	WRKR_55	1.39	1.51	6.07	7.07	WORKER
558620.6441605	558620.6	4160599	WRKR_55	1.41	1.53	5.53	6.33	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558630.6441605	558630.6	4160569	WRKR_556	1.27	1.38	6.13	7.05	WORKER
558630.6441605	558630.6	4160579	WRKR_557	1.30	1.41	5.70	6.49	WORKER
558630.6441605	558630.6	4160589	WRKR_558	1.32	1.43	5.25	5.90	WORKER
558630.6441605	558630.6	4160599	WRKR_559	1.34	1.45	4.77	5.31	WORKER
558640.6441605	558640.6	4160569	WRKR_560	1.21	1.32	5.34	5.96	WORKER
558640.6441605	558640.6	4160579	WRKR_561	1.24	1.34	4.97	5.51	WORKER
558640.6441605	558640.6	4160589	WRKR_562	1.25	1.36	4.56	5.02	WORKER
558640.6441605	558640.6	4160599	WRKR_563	1.27	1.37	4.16	4.54	WORKER
558650.6441605	558650.6	4160569	WRKR_564	1.16	1.26	4.70	5.15	WORKER
558650.6441605	558650.6	4160579	WRKR_565	1.18	1.28	4.38	4.77	WORKER
558650.6441605	558650.6	4160589	WRKR_566	1.19	1.29	4.03	4.36	WORKER
558650.6441605	558650.6	4160599	WRKR_567	1.20	1.30	3.69	3.97	WORKER
558660.6441605	558660.6	4160569	WRKR_568	1.11	1.20	4.22	4.55	WORKER
558660.6441605	558660.6	4160579	WRKR_569	1.12	1.22	3.93	4.22	WORKER
558660.6441605	558660.6	4160589	WRKR_570	1.13	1.22	3.62	3.87	WORKER
558660.6441605	558660.6	4160599	WRKR_571	1.14	1.23	3.34	3.55	WORKER
558670.6441605	558670.6	4160569	WRKR_572	1.06	1.15	3.81	4.08	WORKER
558670.6441605	558670.6	4160579	WRKR_573	1.07	1.16	3.54	3.77	WORKER
558670.6441605	558670.6	4160589	WRKR_574	1.08	1.16	3.28	3.48	WORKER
558495.4416049	558495.4	4160499	WRKR_575	1.20	1.21	3.14	3.27	WORKER
558495.4416050	558495.4	4160509	WRKR_576	1.31	1.33	3.32	3.48	WORKER
558495.4416051	558495.4	4160519	WRKR_577	1.43	1.46	3.53	3.72	WORKER
558495.4416052	558495.4	4160529	WRKR_578	1.56	1.60	3.77	3.99	WORKER
558505.4416049	558505.4	4160499	WRKR_579	1.19	1.20	3.48	3.66	WORKER
558505.4416050	558505.4	4160509	WRKR_580	1.29	1.31	3.67	3.89	WORKER
558505.4416051	558505.4	4160519	WRKR_581	1.40	1.44	3.89	4.15	WORKER
558505.4416052	558505.4	4160529	WRKR_582	1.53	1.57	4.15	4.44	WORKER
558515.4416049	558515.4	4160499	WRKR_583	1.17	1.19	3.91	4.17	WORKER
558515.4416050	558515.4	4160509	WRKR_584	1.27	1.30	4.12	4.43	WORKER
558515.4416051	558515.4	4160519	WRKR_585	1.38	1.42	4.36	4.71	WORKER
558515.4416052	558515.4	4160529	WRKR_586	1.50	1.55	4.62	5.03	WORKER
558525.4416049	558525.4	4160499	WRKR_587	1.16	1.18	4.44	4.83	WORKER
558525.4416050	558525.4	4160509	WRKR_588	1.25	1.28	4.70	5.15	WORKER
558525.4416051	558525.4	4160519	WRKR_589	1.36	1.40	4.95	5.47	WORKER
558525.4416052	558525.4	4160529	WRKR_590	1.47	1.52	5.24	5.84	WORKER
558535.4416049	558535.4	4160499	WRKR_591	1.14	1.17	5.16	5.77	WORKER
558535.4416050	558535.4	4160509	WRKR_592	1.23	1.27	5.44	6.15	WORKER
558535.4416051	558535.4	4160519	WRKR_593	1.33	1.38	5.75	6.56	WORKER
558535.4416052	558535.4	4160529	WRKR_594	1.44	1.50	6.06	6.99	WORKER
558545.4416049	558545.4	4160499	WRKR_595	1.13	1.15	6.07	7.08	WORKER
558545.4416050	558545.4	4160509	WRKR_596	1.22	1.25	6.43	7.61	WORKER
558545.4416051	558545.4	4160519	WRKR_597	1.31	1.36	6.79	8.16	WORKER
558545.4416052	558545.4	4160529	WRKR_598	1.41	1.47	7.16	8.71	WORKER
558555.4416049	558555.4	4160499	WRKR_599	1.11	1.14	7.33	9.11	WORKER
558555.4416050	558555.4	4160509	WRKR_600	1.20	1.24	7.77	9.84	WORKER
558555.4416051	558555.4	4160519	WRKR_601	1.28	1.34	8.20	10.56	WORKER
558555.4416052	558555.4	4160529	WRKR_602	1.38	1.44	8.68	11.38	WORKER
558565.4416049	558565.4	4160499	WRKR_603	1.10	1.13	6.36	7.79	WORKER
558565.4416050	558565.4	4160509	WRKR_604	1.18	1.22	7.00	8.89	WORKER
558565.4416051	558565.4	4160519	WRKR_605	1.26	1.32	5.00	5.84	WORKER
558565.4416052	558565.4	4160529	WRKR_606	1.34	1.42	7.23	9.38	WORKER
558618.9841604	558619	4160499	WRKR_607	0.99	1.04	5.32	6.31	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558618.9841605(	558619	4160509	WRKR_608	1.04	1.11	7.02	8.83	WORKER
558618.9841605.	558619	4160519	WRKR_609	1.10	1.17	7.04	12.37	WORKER
558618.9841605.	558619	4160529	WRKR_610	1.15	1.24	8.92	11.53	WORKER
558628.9841604!	558629	4160499	WRKR_611	0.97	1.03	9.12	11.74	WORKER
558628.9841605(	558629	4160509	WRKR_612	1.02	1.09	8.48	10.59	WORKER
558628.9841605.	558629	4160519	WRKR_613	1.07	1.15	8.00	9.77	WORKER
558628.9841605.	558629	4160529	WRKR_614	1.12	1.20	7.63	9.18	WORKER
558638.9841604!	558639	4160499	WRKR_615	0.95	1.01	7.97	9.61	WORKER
558638.9841605(	558639	4160509	WRKR_616	0.99	1.06	7.43	8.76	WORKER
558638.9841605.	558639	4160519	WRKR_617	1.04	1.12	7.03	8.16	WORKER
558638.9841605.	558639	4160529	WRKR_618	1.08	1.17	6.70	7.70	WORKER
558648.9841604!	558649	4160499	WRKR_619	0.92	0.99	7.13	8.26	WORKER
558648.9841605(	558649	4160509	WRKR_620	0.97	1.04	6.64	7.56	WORKER
558648.9841605.	558649	4160519	WRKR_621	1.01	1.09	6.28	7.06	WORKER
558648.9841605.	558649	4160529	WRKR_622	1.05	1.13	5.97	6.66	WORKER
558658.9841604!	558659	4160499	WRKR_623	0.90	0.97	6.52	7.36	WORKER
558658.9841605(	558659	4160509	WRKR_624	0.94	1.01	6.06	6.74	WORKER
558658.9841605.	558659	4160519	WRKR_625	0.98	1.05	5.69	6.27	WORKER
558658.9841605.	558659	4160529	WRKR_626	1.01	1.09	5.40	5.91	WORKER
558668.9841604!	558669	4160499	WRKR_627	0.88	0.94	5.99	6.66	WORKER
558668.9841605(	558669	4160509	WRKR_628	0.91	0.98	5.55	6.10	WORKER
558668.9841605.	558669	4160519	WRKR_629	0.95	1.02	5.20	5.66	WORKER
558668.9841605.	558669	4160529	WRKR_630	0.98	1.06	4.92	5.32	WORKER
558678.9841604!	558679	4160499	WRKR_631	0.86	0.92	5.57	6.13	WORKER
558678.9841605(	558679	4160509	WRKR_632	0.89	0.96	5.14	5.59	WORKER
558678.9841605.	558679	4160519	WRKR_633	0.92	0.99	4.80	5.18	WORKER
558678.9841605.	558679	4160529	WRKR_634	0.94	1.02	4.52	4.85	WORKER
558688.9841604!	558689	4160499	WRKR_635	0.83	0.90	5.20	5.69	WORKER
558688.9841605(	558689	4160509	WRKR_636	0.86	0.93	4.78	5.18	WORKER
558688.9841605.	558689	4160519	WRKR_637	0.89	0.96	4.46	4.79	WORKER
558444.4141603.	558444.4	4160372	WRKR_638	0.42	0.38	1.24	1.25	WORKER
558454.4141603!	558454.4	4160382	WRKR_639	0.44	0.40	1.33	1.34	WORKER
558454.4141603!	558454.4	4160392	WRKR_640	0.48	0.43	1.38	1.40	WORKER
558454.4141604(	558454.4	4160402	WRKR_641	0.51	0.47	1.44	1.45	WORKER
558464.4141603!	558464.4	4160382	WRKR_642	0.44	0.40	1.41	1.42	WORKER
558464.4141603!	558464.4	4160392	WRKR_643	0.47	0.43	1.46	1.48	WORKER
558464.4141604(	558464.4	4160402	WRKR_644	0.51	0.47	1.52	1.54	WORKER
558474.4141603!	558474.4	4160382	WRKR_645	0.44	0.39	1.49	1.50	WORKER
558474.4141603!	558474.4	4160392	WRKR_646	0.47	0.43	1.55	1.57	WORKER
558474.4141604(	558474.4	4160402	WRKR_647	0.51	0.47	1.61	1.63	WORKER
558484.4141603!	558484.4	4160382	WRKR_648	0.44	0.39	1.58	1.60	WORKER
558484.4141603!	558484.4	4160392	WRKR_649	0.47	0.43	1.64	1.66	WORKER
558484.4141604(	558484.4	4160402	WRKR_650	0.51	0.46	1.70	1.72	WORKER
558494.4141603!	558494.4	4160382	WRKR_651	0.44	0.39	1.68	1.70	WORKER
558494.4141603!	558494.4	4160392	WRKR_652	0.47	0.43	1.74	1.77	WORKER
558494.4141604(	558494.4	4160402	WRKR_653	0.51	0.46	1.81	1.84	WORKER
558504.4141603!	558504.4	4160382	WRKR_654	0.44	0.40	1.80	1.82	WORKER
558504.4141603!	558504.4	4160392	WRKR_655	0.47	0.43	1.89	1.92	WORKER
558504.4141604(	558504.4	4160402	WRKR_656	0.52	0.47	2.01	2.04	WORKER
558514.4141603!	558514.4	4160382	WRKR_657	0.44	0.40	1.93	1.96	WORKER
558514.4141603!	558514.4	4160392	WRKR_658	0.47	0.43	2.04	2.07	WORKER
558514.4141604(	558514.4	4160402	WRKR_659	0.52	0.48	2.17	2.22	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558524.4141603	558524.4	4160392	WRKR_660	0.48	0.44	2.20	2.25	WORKER
558524.4141604	558524.4	4160402	WRKR_661	0.52	0.48	2.36	2.42	WORKER
558581.8241603	558581.8	4160392	WRKR_662	0.49	0.47	3.77	4.00	WORKER
558581.8241604	558581.8	4160402	WRKR_663	0.53	0.51	4.22	4.56	WORKER
558581.8241604	558581.8	4160412	WRKR_664	0.57	0.55	4.77	5.28	WORKER
558581.8241604	558581.8	4160422	WRKR_665	0.62	0.60	5.43	6.20	WORKER
558591.8241603	558591.8	4160392	WRKR_666	0.49	0.47	4.10	4.40	WORKER
558591.8241604	558591.8	4160402	WRKR_667	0.53	0.51	4.64	5.10	WORKER
558591.8241604	558591.8	4160412	WRKR_668	0.57	0.56	5.31	6.03	WORKER
558591.8241604	558591.8	4160422	WRKR_669	0.62	0.60	6.14	7.31	WORKER
558601.8241603	558601.8	4160382	WRKR_670	0.46	0.44	3.93	4.19	WORKER
558601.8241603	558601.8	4160392	WRKR_671	0.50	0.47	4.44	4.83	WORKER
558601.8241604	558601.8	4160402	WRKR_672	0.53	0.52	5.09	5.70	WORKER
558601.8241604	558601.8	4160412	WRKR_673	0.57	0.56	5.89	6.91	WORKER
558601.8241604	558601.8	4160422	WRKR_674	0.62	0.61	6.91	8.65	WORKER
558611.8241603	558611.8	4160382	WRKR_675	0.46	0.44	4.18	4.49	WORKER
558611.8241603	558611.8	4160392	WRKR_676	0.50	0.48	4.75	5.24	WORKER
558611.8241604	558611.8	4160402	WRKR_677	0.53	0.52	5.55	6.36	WORKER
558611.8241604	558611.8	4160412	WRKR_678	0.57	0.56	6.50	7.93	WORKER
558611.8241604	558611.8	4160422	WRKR_679	0.61	0.61	7.75	10.30	WORKER
558621.8241603	558621.8	4160382	WRKR_680	0.47	0.45	4.46	4.84	WORKER
558621.8241603	558621.8	4160392	WRKR_681	0.50	0.48	5.10	5.71	WORKER
558621.8241604	558621.8	4160402	WRKR_682	0.53	0.52	6.01	7.07	WORKER
558621.8241604	558621.8	4160412	WRKR_683	0.57	0.56	7.18	9.14	WORKER
558621.8241604	558621.8	4160422	WRKR_684	0.61	0.61	5.95	7.46	WORKER
558631.8241603	558631.8	4160382	WRKR_685	0.47	0.45	4.76	5.21	WORKER
558631.8241603	558631.8	4160392	WRKR_686	0.50	0.49	5.47	6.20	WORKER
558631.8241604	558631.8	4160402	WRKR_687	0.53	0.52	6.51	7.84	WORKER
558641.8241603	558641.8	4160382	WRKR_688	0.47	0.45	5.05	5.57	WORKER
558641.8241603	558641.8	4160392	WRKR_689	0.50	0.49	5.83	6.70	WORKER
558641.8241604	558641.8	4160402	WRKR_690	0.53	0.53	7.04	8.66	WORKER
558651.8241603	558651.8	4160382	WRKR_691	0.47	0.46	5.42	6.05	WORKER
558651.8241603	558651.8	4160392	WRKR_692	0.50	0.49	6.30	7.33	WORKER
558651.8241604	558651.8	4160402	WRKR_693	0.53	0.53	7.66	9.61	WORKER
558661.8241603	558661.8	4160382	WRKR_694	0.47	0.46	5.85	6.58	WORKER
558661.8241603	558661.8	4160392	WRKR_695	0.50	0.49	6.78	7.98	WORKER
558661.8241604	558661.8	4160402	WRKR_696	0.53	0.53	8.30	10.62	WORKER
558671.8241603	558671.8	4160362	WRKR_697	0.41	0.40	5.28	5.80	WORKER
558671.8241603	558671.8	4160372	WRKR_698	0.44	0.43	5.71	6.34	WORKER
558671.8241603	558671.8	4160382	WRKR_699	0.47	0.46	6.35	7.23	WORKER
558671.8241603	558671.8	4160392	WRKR_700	0.50	0.49	7.34	8.74	WORKER
558671.8241604	558671.8	4160402	WRKR_701	0.53	0.53	8.98	11.64	WORKER
558681.8241603	558681.8	4160362	WRKR_702	0.41	0.40	5.90	6.61	WORKER
558681.8241603	558681.8	4160372	WRKR_703	0.44	0.43	6.21	7.03	WORKER
558681.8241603	558681.8	4160382	WRKR_704	0.47	0.46	6.92	8.02	WORKER
558681.8241603	558681.8	4160392	WRKR_705	0.50	0.50	7.97	9.63	WORKER
558681.8241604	558681.8	4160402	WRKR_706	0.53	0.53	9.65	12.60	WORKER
558691.8241603	558691.8	4160362	WRKR_707	0.41	0.40	6.77	7.87	WORKER
558691.8241603	558691.8	4160372	WRKR_708	0.44	0.43	7.17	8.41	WORKER
558691.8241603	558691.8	4160382	WRKR_709	0.47	0.46	7.80	9.31	WORKER
558691.8241603	558691.8	4160392	WRKR_710	0.49	0.50	8.85	10.98	WORKER
558691.8241604	558691.8	4160402	WRKR_711	0.52	0.53	10.60	14.22	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558701.8241603	558701.8	4160362	WRKR_71	0.41	0.41	7.99	9.88	WORKER
558701.8241603	558701.8	4160372	WRKR_71	0.44	0.44	8.39	10.45	WORKER
558701.8241603	558701.8	4160382	WRKR_71	0.47	0.47	9.02	11.41	WORKER
558701.8241603	558701.8	4160392	WRKR_71	0.49	0.50	10.04	13.10	WORKER
558701.8241604	558701.8	4160402	WRKR_71	0.52	0.53	11.75	16.45	WORKER
558711.8241603	558711.8	4160362	WRKR_71	0.41	0.41	9.73	13.31	WORKER
558711.8241603	558711.8	4160372	WRKR_71	0.44	0.44	10.11	13.92	WORKER
558711.8241603	558711.8	4160382	WRKR_71	0.46	0.47	8.33	10.64	WORKER
558711.8241603	558711.8	4160392	WRKR_72	0.49	0.50	11.67	16.59	WORKER
558711.8241604	558711.8	4160402	WRKR_72	0.52	0.53	7.53	9.68	WORKER
558721.8241603	558721.8	4160362	WRKR_72	0.41	0.41	5.78	6.84	WORKER
558721.8241603	558721.8	4160372	WRKR_72	0.44	0.44	6.46	7.93	WORKER
558721.8241603	558721.8	4160382	WRKR_72	0.46	0.47	9.21	12.62	WORKER
558721.8241603	558721.8	4160392	WRKR_72	0.49	0.50	7.19	9.15	WORKER
558721.8241604	558721.8	4160402	WRKR_72	0.51	0.53	7.67	10.01	WORKER
558690.0941602	558690.1	4160295	WRKR_72	0.27	0.25	5.33	6.02	WORKER
558690.0941603	558690.1	4160305	WRKR_72	0.29	0.27	5.40	6.10	WORKER
558690.0941603	558690.1	4160315	WRKR_72	0.31	0.29	5.47	6.18	WORKER
558690.0941603	558690.1	4160325	WRKR_73	0.32	0.31	5.56	6.27	WORKER
558690.0941603	558690.1	4160335	WRKR_73	0.35	0.33	5.67	6.41	WORKER
558700.0941602	558700.1	4160295	WRKR_73	0.27	0.25	6.44	7.62	WORKER
558700.0941603	558700.1	4160305	WRKR_73	0.29	0.27	6.53	7.73	WORKER
558700.0941603	558700.1	4160315	WRKR_73	0.31	0.29	6.59	7.79	WORKER
558700.0941603	558700.1	4160325	WRKR_73	0.33	0.31	6.66	7.84	WORKER
558700.0941603	558700.1	4160335	WRKR_73	0.35	0.33	6.76	7.96	WORKER
558710.0941602	558710.1	4160295	WRKR_73	0.27	0.26	8.08	10.27	WORKER
558710.0941603	558710.1	4160305	WRKR_73	0.29	0.27	8.15	10.32	WORKER
558710.0941603	558710.1	4160315	WRKR_73	0.31	0.29	8.21	10.35	WORKER
558710.0941603	558710.1	4160325	WRKR_74	0.33	0.31	8.28	10.41	WORKER
558710.0941603	558710.1	4160335	WRKR_74	0.35	0.34	8.34	10.45	WORKER
558720.0941602	558720.1	4160295	WRKR_74	0.28	0.26	7.08	8.86	WORKER
558720.0941603	558720.1	4160305	WRKR_74	0.29	0.28	4.97	5.75	WORKER
558720.0941603	558720.1	4160315	WRKR_74	0.31	0.30	7.18	9.09	WORKER
558720.0941603	558720.1	4160325	WRKR_74	0.33	0.32	7.33	9.19	WORKER
558612.6841602	558612.7	4160297	WRKR_74	0.26	0.23	2.27	2.32	WORKER
558612.6841603	558612.7	4160307	WRKR_74	0.27	0.24	2.37	2.42	WORKER
558612.6841603	558612.7	4160317	WRKR_74	0.29	0.26	2.48	2.54	WORKER
558612.6841603	558612.7	4160327	WRKR_74	0.31	0.28	2.60	2.67	WORKER
558612.6841603	558612.7	4160337	WRKR_75	0.33	0.31	2.76	2.84	WORKER
558622.6841602	558622.7	4160297	WRKR_75	0.26	0.23	2.44	2.51	WORKER
558622.6841603	558622.7	4160307	WRKR_75	0.28	0.25	2.54	2.61	WORKER
558622.6841603	558622.7	4160317	WRKR_75	0.29	0.27	2.65	2.72	WORKER
558622.6841603	558622.7	4160327	WRKR_75	0.31	0.29	2.78	2.86	WORKER
558622.6841603	558622.7	4160337	WRKR_75	0.34	0.31	2.94	3.04	WORKER
558632.6841602	558632.7	4160297	WRKR_75	0.26	0.23	2.65	2.73	WORKER
558632.6841603	558632.7	4160307	WRKR_75	0.28	0.25	2.74	2.83	WORKER
558632.6841603	558632.7	4160317	WRKR_75	0.30	0.27	2.85	2.95	WORKER
558632.6841603	558632.7	4160327	WRKR_75	0.32	0.29	2.98	3.09	WORKER
558632.6841603	558632.7	4160337	WRKR_76	0.34	0.31	3.14	3.27	WORKER
558642.6841602	558642.7	4160297	WRKR_76	0.26	0.24	2.91	3.02	WORKER
558642.6841603	558642.7	4160307	WRKR_76	0.28	0.25	2.98	3.10	WORKER
558642.6841603	558642.7	4160317	WRKR_76	0.30	0.27	3.09	3.22	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558642.6841603	558642.7	4160327	WRKR_764	0.32	0.29	3.22	3.36	WORKER
558642.6841603	558642.7	4160337	WRKR_765	0.34	0.32	3.38	3.54	WORKER
558652.6841602	558652.7	4160297	WRKR_766	0.27	0.24	3.21	3.36	WORKER
558652.6841603	558652.7	4160307	WRKR_767	0.28	0.26	3.28	3.44	WORKER
558652.6841603	558652.7	4160317	WRKR_768	0.30	0.28	3.39	3.56	WORKER
558652.6841603	558652.7	4160327	WRKR_769	0.32	0.30	3.51	3.69	WORKER
558652.6841603	558652.7	4160337	WRKR_770	0.34	0.32	3.67	3.87	WORKER
558662.6841602	558662.7	4160297	WRKR_771	0.27	0.24	3.61	3.83	WORKER
558662.6841603	558662.7	4160307	WRKR_772	0.29	0.26	3.68	3.90	WORKER
558662.6841603	558662.7	4160317	WRKR_773	0.30	0.28	3.76	4.00	WORKER
558662.6841603	558662.7	4160327	WRKR_774	0.32	0.30	3.88	4.12	WORKER
558662.6841603	558662.7	4160337	WRKR_775	0.35	0.33	4.03	4.30	WORKER
558672.6841602	558672.7	4160297	WRKR_776	0.27	0.25	4.08	4.40	WORKER
558672.6841603	558672.7	4160307	WRKR_777	0.29	0.26	4.17	4.49	WORKER
558672.6841603	558672.7	4160317	WRKR_778	0.31	0.28	4.25	4.59	WORKER
558672.6841603	558672.7	4160327	WRKR_779	0.33	0.31	4.35	4.70	WORKER
558672.6841603	558672.7	4160337	WRKR_780	0.35	0.33	4.50	4.87	WORKER
558543.5841602	558543.6	4160291	WRKR_781	0.24	0.22	1.53	1.54	WORKER
558553.5841603	558553.6	4160301	WRKR_782	0.26	0.23	1.68	1.70	WORKER
558553.5841603	558553.6	4160311	WRKR_783	0.27	0.24	1.75	1.78	WORKER
558553.5841603	558553.6	4160321	WRKR_784	0.29	0.26	1.84	1.87	WORKER
558553.5841603	558553.6	4160331	WRKR_785	0.31	0.28	1.94	1.97	WORKER
558563.5841603	558563.6	4160301	WRKR_786	0.26	0.23	1.77	1.79	WORKER
558563.5841603	558563.6	4160311	WRKR_787	0.27	0.24	1.85	1.88	WORKER
558563.5841603	558563.6	4160321	WRKR_788	0.29	0.26	1.95	1.98	WORKER
558563.5841603	558563.6	4160331	WRKR_789	0.31	0.28	2.05	2.09	WORKER
558573.5841603	558573.6	4160301	WRKR_790	0.26	0.23	1.87	1.89	WORKER
558573.5841603	558573.6	4160311	WRKR_791	0.28	0.24	1.96	1.99	WORKER
558573.5841603	558573.6	4160321	WRKR_792	0.29	0.26	2.06	2.09	WORKER
558573.5841603	558573.6	4160331	WRKR_793	0.31	0.28	2.17	2.21	WORKER
558583.5841603	558583.6	4160301	WRKR_794	0.26	0.23	1.98	2.01	WORKER
558583.5841603	558583.6	4160311	WRKR_795	0.28	0.25	2.07	2.10	WORKER
558583.5841603	558583.6	4160321	WRKR_796	0.30	0.26	2.18	2.22	WORKER
558583.5841603	558583.6	4160331	WRKR_797	0.32	0.28	2.30	2.34	WORKER
558593.5841603	558593.6	4160331	WRKR_798	0.32	0.29	2.44	2.49	WORKER
558455.3541603	558455.4	4160304	WRKR_799	0.27	0.25	1.03	1.04	WORKER
558455.3541603	558455.4	4160314	WRKR_800	0.29	0.26	1.06	1.07	WORKER
558455.3541603	558455.4	4160324	WRKR_801	0.30	0.28	1.10	1.11	WORKER
558455.3541603	558455.4	4160334	WRKR_802	0.32	0.29	1.14	1.15	WORKER
558455.3541603	558455.4	4160344	WRKR_803	0.34	0.31	1.18	1.19	WORKER
558465.3541603	558465.4	4160304	WRKR_804	0.27	0.25	1.08	1.09	WORKER
558465.3541603	558465.4	4160314	WRKR_805	0.28	0.26	1.12	1.12	WORKER
558465.3541603	558465.4	4160324	WRKR_806	0.30	0.27	1.16	1.17	WORKER
558465.3541603	558465.4	4160334	WRKR_807	0.32	0.29	1.20	1.21	WORKER
558465.3541603	558465.4	4160344	WRKR_808	0.34	0.31	1.25	1.26	WORKER
558475.3541603	558475.4	4160304	WRKR_809	0.27	0.24	1.13	1.14	WORKER
558475.3541603	558475.4	4160314	WRKR_810	0.28	0.26	1.17	1.18	WORKER
558475.3541603	558475.4	4160324	WRKR_811	0.30	0.27	1.22	1.23	WORKER
558475.3541603	558475.4	4160334	WRKR_812	0.32	0.29	1.26	1.27	WORKER
558475.3541603	558475.4	4160344	WRKR_813	0.34	0.31	1.32	1.33	WORKER
558485.3541603	558485.4	4160304	WRKR_814	0.26	0.24	1.19	1.20	WORKER
558485.3541603	558485.4	4160314	WRKR_815	0.28	0.25	1.23	1.24	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558485.3541603	558485.4	4160324	WRKR_816	0.30	0.27	1.28	1.29	WORKER
558485.3541603	558485.4	4160334	WRKR_817	0.32	0.28	1.33	1.34	WORKER
558485.3541603	558485.4	4160344	WRKR_818	0.34	0.30	1.39	1.40	WORKER
558495.3541603	558495.4	4160304	WRKR_819	0.26	0.24	1.25	1.26	WORKER
558495.3541603	558495.4	4160314	WRKR_820	0.28	0.25	1.30	1.31	WORKER
558495.3541603	558495.4	4160324	WRKR_821	0.30	0.27	1.35	1.36	WORKER
558495.3541603	558495.4	4160334	WRKR_822	0.31	0.28	1.41	1.42	WORKER
558495.3541603	558495.4	4160344	WRKR_823	0.34	0.30	1.47	1.49	WORKER
558505.3541603	558505.4	4160304	WRKR_824	0.26	0.24	1.32	1.33	WORKER
558505.3541603	558505.4	4160314	WRKR_825	0.28	0.25	1.37	1.38	WORKER
558505.3541603	558505.4	4160324	WRKR_826	0.29	0.26	1.43	1.44	WORKER
558505.3541603	558505.4	4160334	WRKR_827	0.31	0.28	1.49	1.51	WORKER
558515.3541603	558515.4	4160304	WRKR_828	0.26	0.23	1.39	1.40	WORKER
558515.3541603	558515.4	4160314	WRKR_829	0.28	0.25	1.45	1.46	WORKER
558515.3541603	558515.4	4160324	WRKR_830	0.29	0.26	1.51	1.52	WORKER
558515.3541603	558515.4	4160334	WRKR_831	0.31	0.28	1.58	1.60	WORKER
558525.3541603	558525.4	4160304	WRKR_832	0.26	0.23	1.46	1.48	WORKER
558525.3541603	558525.4	4160314	WRKR_833	0.28	0.25	1.53	1.54	WORKER
558525.3541603	558525.4	4160324	WRKR_834	0.29	0.26	1.60	1.61	WORKER
558525.3541603	558525.4	4160334	WRKR_835	0.31	0.28	1.67	1.69	WORKER
558535.3541603	558535.4	4160304	WRKR_836	0.26	0.23	1.54	1.56	WORKER
558535.3541603	558535.4	4160314	WRKR_837	0.28	0.25	1.61	1.63	WORKER
558535.3541603	558535.4	4160324	WRKR_838	0.29	0.26	1.69	1.71	WORKER
558535.3541603	558535.4	4160334	WRKR_839	0.31	0.28	1.77	1.79	WORKER
558616.6741602	558616.7	4160230	WRKR_840	0.18	0.15	1.87	1.89	WORKER
558616.6741602	558616.7	4160240	WRKR_841	0.19	0.16	1.94	1.97	WORKER
558616.6741602	558616.7	4160250	WRKR_842	0.20	0.17	2.02	2.05	WORKER
558626.6741602	558626.7	4160230	WRKR_843	0.18	0.15	2.03	2.07	WORKER
558626.6741602	558626.7	4160240	WRKR_844	0.19	0.16	2.11	2.15	WORKER
558626.6741602	558626.7	4160250	WRKR_845	0.20	0.17	2.20	2.25	WORKER
558636.6741602	558636.7	4160230	WRKR_846	0.18	0.16	2.23	2.28	WORKER
558636.6741602	558636.7	4160240	WRKR_847	0.19	0.16	2.32	2.38	WORKER
558636.6741602	558636.7	4160250	WRKR_848	0.20	0.17	2.42	2.48	WORKER
558646.6741602	558646.7	4160230	WRKR_849	0.18	0.16	2.47	2.55	WORKER
558646.6741602	558646.7	4160240	WRKR_850	0.19	0.16	2.58	2.66	WORKER
558646.6741602	558646.7	4160250	WRKR_851	0.20	0.18	2.68	2.78	WORKER
558656.6741602	558656.7	4160230	WRKR_852	0.18	0.16	2.78	2.89	WORKER
558656.6741602	558656.7	4160240	WRKR_853	0.19	0.17	2.90	3.02	WORKER
558666.6741602	558666.7	4160230	WRKR_854	0.18	0.16	3.17	3.33	WORKER
558666.6741602	558666.7	4160240	WRKR_855	0.19	0.17	3.31	3.50	WORKER
558676.6741602	558676.7	4160230	WRKR_856	0.18	0.16	3.66	3.93	WORKER
558676.6741602	558676.7	4160240	WRKR_857	0.19	0.17	3.84	4.15	WORKER
558686.6741602	558686.7	4160230	WRKR_858	0.18	0.16	4.32	4.76	WORKER
558686.6741602	558686.7	4160240	WRKR_859	0.20	0.17	4.55	5.05	WORKER
558696.6741602	558696.7	4160230	WRKR_860	0.19	0.16	5.20	5.98	WORKER
558696.6741602	558696.7	4160240	WRKR_861	0.20	0.17	5.50	6.40	WORKER
558706.6741602	558706.7	4160230	WRKR_862	0.19	0.17	6.40	7.87	WORKER
558706.6741602	558706.7	4160240	WRKR_863	0.20	0.18	6.82	8.55	WORKER
558716.6741602	558716.7	4160230	WRKR_864	0.19	0.17	8.07	11.03	WORKER
558716.6741602	558716.7	4160240	WRKR_865	0.20	0.18	6.28	7.90	WORKER
558420.2141602	558420.2	4160236	WRKR_866	0.21	0.20	0.71	0.72	WORKER
558420.2141602	558420.2	4160246	WRKR_867	0.22	0.21	0.74	0.74	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s				
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W	GROUP2
558420.2141602	558420.2	4160256	WRKR_868	0.23	0.22	0.76	0.76	WORKER
558430.2141602	558430.2	4160236	WRKR_869	0.21	0.20	0.74	0.75	WORKER
558430.2141602	558430.2	4160246	WRKR_870	0.22	0.21	0.76	0.77	WORKER
558430.2141602	558430.2	4160256	WRKR_871	0.23	0.22	0.79	0.79	WORKER
558440.2141602	558440.2	4160236	WRKR_872	0.21	0.20	0.77	0.78	WORKER
558440.2141602	558440.2	4160246	WRKR_873	0.21	0.20	0.80	0.80	WORKER
558440.2141602	558440.2	4160256	WRKR_874	0.22	0.21	0.82	0.83	WORKER
558450.2141602	558450.2	4160236	WRKR_875	0.20	0.19	0.80	0.81	WORKER
558450.2141602	558450.2	4160246	WRKR_876	0.21	0.20	0.83	0.83	WORKER
558450.2141602	558450.2	4160256	WRKR_877	0.22	0.21	0.85	0.86	WORKER
558460.2141602	558460.2	4160236	WRKR_878	0.20	0.19	0.83	0.84	WORKER
558460.2141602	558460.2	4160246	WRKR_879	0.21	0.19	0.86	0.87	WORKER
558460.2141602	558460.2	4160256	WRKR_880	0.22	0.20	0.89	0.90	WORKER
558470.2141602	558470.2	4160236	WRKR_881	0.20	0.18	0.87	0.87	WORKER
558470.2141602	558470.2	4160246	WRKR_882	0.20	0.19	0.90	0.90	WORKER
558470.2141602	558470.2	4160256	WRKR_883	0.21	0.20	0.93	0.94	WORKER
558480.2141602	558480.2	4160236	WRKR_884	0.19	0.18	0.91	0.91	WORKER
558480.2141602	558480.2	4160246	WRKR_885	0.20	0.19	0.94	0.94	WORKER
558480.2141602	558480.2	4160256	WRKR_886	0.21	0.19	0.97	0.98	WORKER
558490.2141602	558490.2	4160236	WRKR_887	0.19	0.18	0.95	0.95	WORKER
558490.2141602	558490.2	4160246	WRKR_888	0.20	0.18	0.98	0.99	WORKER
558490.2141602	558490.2	4160256	WRKR_889	0.21	0.19	1.02	1.02	WORKER
558500.2141602	558500.2	4160236	WRKR_890	0.19	0.17	0.99	1.00	WORKER
558500.2141602	558500.2	4160246	WRKR_891	0.20	0.18	1.03	1.03	WORKER
558500.2141602	558500.2	4160256	WRKR_892	0.21	0.19	1.07	1.07	WORKER
558510.2141602	558510.2	4160236	WRKR_893	0.19	0.17	1.04	1.05	WORKER
558510.2141602	558510.2	4160246	WRKR_894	0.19	0.18	1.08	1.09	WORKER
558510.2141602	558510.2	4160256	WRKR_895	0.20	0.19	1.12	1.13	WORKER
558520.2141602	558520.2	4160236	WRKR_896	0.18	0.17	1.09	1.10	WORKER
558520.2141602	558520.2	4160246	WRKR_897	0.19	0.18	1.13	1.14	WORKER
558520.2141602	558520.2	4160256	WRKR_898	0.20	0.18	1.17	1.18	WORKER
558530.2141602	558530.2	4160236	WRKR_899	0.18	0.17	1.14	1.15	WORKER
558530.2141602	558530.2	4160246	WRKR_900	0.19	0.17	1.18	1.19	WORKER
558530.2141602	558530.2	4160256	WRKR_901	0.20	0.18	1.23	1.24	WORKER
558540.2141602	558540.2	4160236	WRKR_902	0.18	0.17	1.20	1.20	WORKER
558540.2141602	558540.2	4160246	WRKR_903	0.19	0.17	1.24	1.25	WORKER
558540.2141602	558540.2	4160256	WRKR_904	0.20	0.18	1.29	1.30	WORKER
558550.2141602	558550.2	4160236	WRKR_905	0.18	0.16	1.26	1.27	WORKER
558550.2141602	558550.2	4160246	WRKR_906	0.19	0.17	1.31	1.31	WORKER
558550.2141602	558550.2	4160256	WRKR_907	0.20	0.18	1.36	1.37	WORKER
558560.2141602	558560.2	4160236	WRKR_908	0.18	0.16	1.33	1.34	WORKER
558560.2141602	558560.2	4160246	WRKR_909	0.19	0.17	1.38	1.39	WORKER
558560.2141602	558560.2	4160256	WRKR_910	0.20	0.18	1.44	1.46	WORKER
558570.2141602	558570.2	4160236	WRKR_911	0.18	0.16	1.40	1.41	WORKER
558570.2141602	558570.2	4160246	WRKR_912	0.19	0.17	1.45	1.46	WORKER
558570.2141602	558570.2	4160256	WRKR_913	0.20	0.18	1.52	1.53	WORKER
558580.2141602	558580.2	4160236	WRKR_914	0.18	0.16	1.48	1.49	WORKER
558580.2141602	558580.2	4160246	WRKR_915	0.19	0.17	1.54	1.55	WORKER
558590.2141602	558590.2	4160236	WRKR_916	0.18	0.16	1.58	1.59	WORKER
558590.2141602	558590.2	4160246	WRKR_917	0.19	0.17	1.64	1.66	WORKER
558600.2141602	558600.2	4160246	WRKR_918	0.19	0.17	1.76	1.78	WORKER

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
557996.3841607	557996.4	4160721	WRKR_1	1.64	1.61	0.21	0.21
557996.3841607	557996.4	4160731	WRKR_2	1.61	1.58	0.21	0.21
557996.3841607	557996.4	4160741	WRKR_3	1.56	1.54	0.21	0.21
558006.3841607	558006.4	4160711	WRKR_4	1.87	1.84	0.22	0.22
558006.3841607	558006.4	4160721	WRKR_5	1.84	1.82	0.22	0.22
558006.3841607	558006.4	4160731	WRKR_6	1.80	1.79	0.22	0.22
558006.3841607	558006.4	4160741	WRKR_7	1.76	1.74	0.22	0.22
558016.3841607	558016.4	4160711	WRKR_8	2.13	2.12	0.23	0.23
558016.3841607	558016.4	4160721	WRKR_9	2.09	2.09	0.23	0.23
558016.3841607	558016.4	4160731	WRKR_10	2.04	2.03	0.23	0.23
558016.3841607	558016.4	4160741	WRKR_11	1.97	1.97	0.22	0.22
558026.3841607	558026.4	4160711	WRKR_12	2.43	2.44	0.24	0.24
558026.3841607	558026.4	4160721	WRKR_13	2.39	2.41	0.24	0.24
558026.3841607	558026.4	4160731	WRKR_14	2.32	2.34	0.23	0.23
558026.3841607	558026.4	4160741	WRKR_15	2.23	2.26	0.23	0.23
558277.5341605	558277.5	4160581	WRKR_16	6.43	6.98	1.16	1.18
558277.5341605	558277.5	4160591	WRKR_17	7.75	8.68	1.19	1.22
558287.5341605	558287.5	4160581	WRKR_18	6.26	6.71	1.31	1.34
558287.5341605	558287.5	4160591	WRKR_19	7.46	8.23	1.35	1.40
558297.5341605	558297.5	4160581	WRKR_20	6.05	6.44	1.49	1.54
558297.5341605	558297.5	4160591	WRKR_21	7.18	7.83	1.55	1.62
558307.5341605	558307.5	4160581	WRKR_22	5.79	6.16	1.72	1.79
558307.5341605	558307.5	4160591	WRKR_23	6.90	7.47	1.81	1.92
558317.5341605	558317.5	4160581	WRKR_24	5.55	5.89	1.98	2.10
558317.5341605	558317.5	4160591	WRKR_25	6.63	7.14	2.13	2.31
558327.5341605	558327.5	4160581	WRKR_26	5.31	5.63	2.29	2.46
558327.5341605	558327.5	4160591	WRKR_27	6.36	6.81	2.54	2.81
558337.5341605	558337.5	4160581	WRKR_28	5.04	5.35	2.60	2.83
558101.0541605	558101.1	4160547	WRKR_29	2.85	2.87	0.34	0.34
558101.0541605	558101.1	4160557	WRKR_30	3.11	3.14	0.34	0.34
558111.0541605	558111.1	4160547	WRKR_31	3.03	3.06	0.35	0.36
558111.0541605	558111.1	4160557	WRKR_32	3.32	3.36	0.35	0.36
558111.0541605	558111.1	4160567	WRKR_33	3.65	3.71	0.36	0.36
558121.0541605	558121.1	4160537	WRKR_34	2.93	2.95	0.37	0.37
558121.0541605	558121.1	4160547	WRKR_35	3.21	3.25	0.37	0.37
558121.0541605	558121.1	4160557	WRKR_36	3.54	3.59	0.37	0.38

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558121.0541605	558121.1	4160567	WRKR_37	3.91	3.98	0.37	0.38
558121.0541605	558121.1	4160577	WRKR_38	4.34	4.46	0.37	0.38
558121.0541605	558121.1	4160587	WRKR_39	4.82	5.03	0.37	0.38
558131.0541605	558131.1	4160527	WRKR_40	2.79	2.82	0.38	0.38
558131.0541605	558131.1	4160537	WRKR_41	3.08	3.11	0.38	0.39
558131.0541605	558131.1	4160547	WRKR_42	3.39	3.44	0.39	0.39
558131.0541605	558131.1	4160557	WRKR_43	3.76	3.83	0.39	0.39
558131.0541605	558131.1	4160567	WRKR_44	4.17	4.28	0.39	0.40
558131.0541605	558131.1	4160577	WRKR_45	4.66	4.83	0.39	0.40
558131.0541605	558131.1	4160587	WRKR_46	5.21	5.49	0.39	0.40
558131.0541605	558131.1	4160597	WRKR_47	5.85	6.30	0.39	0.40
558141.0541605	558141.1	4160527	WRKR_48	2.91	2.94	0.40	0.40
558141.0541605	558141.1	4160537	WRKR_49	3.22	3.26	0.40	0.41
558141.0541605	558141.1	4160547	WRKR_50	3.57	3.64	0.41	0.41
558141.0541605	558141.1	4160557	WRKR_51	3.97	4.08	0.41	0.41
558141.0541605	558141.1	4160567	WRKR_52	4.45	4.60	0.41	0.42
558141.0541605	558141.1	4160577	WRKR_53	4.99	5.23	0.41	0.42
558141.0541605	558141.1	4160587	WRKR_54	5.62	6.00	0.42	0.42
558141.0541605	558141.1	4160597	WRKR_55	6.34	6.96	0.42	0.42
558141.0541606	558141.1	4160607	WRKR_56	7.16	8.18	0.42	0.42
558151.0541605	558151.1	4160537	WRKR_57	3.35	3.41	0.43	0.43
558151.0541605	558151.1	4160547	WRKR_58	3.74	3.83	0.43	0.43
558151.0541605	558151.1	4160557	WRKR_59	4.19	4.33	0.43	0.44
558151.0541605	558151.1	4160567	WRKR_60	4.72	4.93	0.43	0.44
558151.0541605	558151.1	4160577	WRKR_61	5.34	5.66	0.44	0.44
558151.0541605	558151.1	4160587	WRKR_62	6.05	6.57	0.44	0.44
558151.0541605	558151.1	4160597	WRKR_63	6.93	7.72	0.44	0.44
558151.0541606	558151.1	4160607	WRKR_64	7.94	9.19	0.44	0.44
558151.0541606	558151.1	4160617	WRKR_65	9.07	11.15	0.44	0.44
558161.0541605	558161.1	4160547	WRKR_66	3.93	4.01	0.45	0.46
558161.0541605	558161.1	4160557	WRKR_67	4.40	4.59	0.46	0.46
558161.0541605	558161.1	4160567	WRKR_68	5.00	5.29	0.46	0.46
558161.0541605	558161.1	4160577	WRKR_69	5.69	6.14	0.46	0.47
558161.0541605	558161.1	4160587	WRKR_70	6.50	7.23	0.46	0.47
558161.0541605	558161.1	4160597	WRKR_71	7.60	8.59	0.46	0.47
558161.0541606	558161.1	4160607	WRKR_72	8.69	10.38	0.46	0.47
558171.0541605	558171.1	4160557	WRKR_73	4.65	4.82	0.48	0.49
558171.0541605	558171.1	4160567	WRKR_74	5.26	5.65	0.49	0.49
558171.0541605	558171.1	4160577	WRKR_75	6.03	6.67	0.49	0.49
558171.0541605	558171.1	4160587	WRKR_76	6.94	7.98	0.49	0.50
558171.0541605	558171.1	4160597	WRKR_77	8.21	9.65	0.49	0.50
558181.0541605	558181.1	4160567	WRKR_78	5.56	5.99	0.52	0.52
558181.0541605	558181.1	4160577	WRKR_79	6.37	7.22	0.52	0.52
558181.0541605	558181.1	4160587	WRKR_80	7.41	8.84	0.52	0.53
558191.0541605	558191.1	4160577	WRKR_81	6.65	7.56	0.55	0.55
558368.5441605	558368.5	4160582	WRKR_82	4.44	4.66	3.62	4.07
558378.5441605	558378.5	4160582	WRKR_83	4.20	4.39	3.81	4.31
558378.5441605	558378.5	4160592	WRKR_84	4.76	5.07	4.64	5.51
558378.5441606	558378.5	4160602	WRKR_85	5.36	5.86	5.68	7.25
558378.5441606	558378.5	4160612	WRKR_86	6.25	7.03	7.61	6.95
558388.5441605	558388.5	4160582	WRKR_87	3.93	4.10	4.00	4.53
558388.5441605	558388.5	4160592	WRKR_88	4.42	4.68	4.91	5.83

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558388.5441606	558388.5	4160602	WRKR_89	4.94	5.38	6.05	7.70
558388.5441606	558388.5	4160612	WRKR_90	5.74	6.42	5.37	7.05
558398.5441605	558398.5	4160582	WRKR_91	3.63	3.79	4.22	4.74
558398.5441605	558398.5	4160592	WRKR_92	4.06	4.31	5.07	6.01
558398.5441606	558398.5	4160602	WRKR_93	4.57	4.95	6.39	8.11
558398.5441606	558398.5	4160612	WRKR_94	5.26	5.83	5.96	7.77
558186.7841604	558186.8	4160496	WRKR_95	2.22	2.23	0.49	0.49
558186.7841605	558186.8	4160506	WRKR_96	2.44	2.45	0.49	0.49
558196.7841604	558196.8	4160496	WRKR_97	2.23	2.22	0.52	0.52
558196.7841605	558196.8	4160506	WRKR_98	2.44	2.44	0.52	0.53
558196.7841605	558196.8	4160516	WRKR_99	2.71	2.72	0.53	0.53
558196.7841605	558196.8	4160526	WRKR_100	3.07	3.10	0.54	0.54
558206.7841605	558206.8	4160506	WRKR_101	2.43	2.42	0.56	0.56
558206.7841605	558206.8	4160516	WRKR_102	2.71	2.71	0.57	0.57
558206.7841605	558206.8	4160526	WRKR_103	3.04	3.05	0.57	0.58
558206.7841605	558206.8	4160536	WRKR_104	3.47	3.52	0.58	0.58
558216.7841605	558216.8	4160516	WRKR_105	2.69	2.67	0.61	0.61
558216.7841605	558216.8	4160526	WRKR_106	3.01	3.00	0.62	0.62
558216.7841605	558216.8	4160536	WRKR_107	3.40	3.42	0.62	0.63
558216.7841605	558216.8	4160546	WRKR_108	3.90	3.97	0.63	0.63
558226.7841605	558226.8	4160526	WRKR_109	2.97	2.94	0.66	0.66
558226.7841605	558226.8	4160536	WRKR_110	3.36	3.35	0.67	0.67
558226.7841605	558226.8	4160546	WRKR_111	3.85	3.88	0.68	0.68
558236.7841605	558236.8	4160536	WRKR_112	3.27	3.25	0.72	0.73
558115.1741604	558115.2	4160403	WRKR_113	1.03	1.05	0.31	0.32
558115.1741604	558115.2	4160413	WRKR_114	1.10	1.12	0.32	0.32
558115.1741604	558115.2	4160423	WRKR_115	1.17	1.20	0.32	0.32
558115.1741604	558115.2	4160433	WRKR_116	1.26	1.28	0.32	0.32
558115.1741604	558115.2	4160443	WRKR_117	1.35	1.37	0.33	0.33
558125.1741603	558125.2	4160393	WRKR_118	0.97	1.00	0.32	0.33
558125.1741604	558125.2	4160403	WRKR_119	1.04	1.06	0.33	0.33
558125.1741604	558125.2	4160413	WRKR_120	1.11	1.13	0.33	0.33
558125.1741604	558125.2	4160423	WRKR_121	1.19	1.21	0.33	0.34
558125.1741604	558125.2	4160433	WRKR_122	1.28	1.30	0.34	0.34
558125.1741604	558125.2	4160443	WRKR_123	1.37	1.39	0.34	0.34
558135.1741603	558135.2	4160373	WRKR_124	0.86	0.88	0.33	0.33
558135.1741603	558135.2	4160383	WRKR_125	0.92	0.94	0.33	0.34
558135.1741603	558135.2	4160393	WRKR_126	0.98	1.00	0.34	0.34
558135.1741604	558135.2	4160403	WRKR_127	1.05	1.06	0.34	0.34
558135.1741604	558135.2	4160413	WRKR_128	1.12	1.14	0.35	0.35
558135.1741604	558135.2	4160423	WRKR_129	1.20	1.22	0.35	0.35
558135.1741604	558135.2	4160433	WRKR_130	1.29	1.31	0.35	0.35
558135.1741604	558135.2	4160443	WRKR_131	1.39	1.41	0.36	0.36
558145.1741603	558145.2	4160373	WRKR_132	0.86	0.88	0.34	0.35
558145.1741603	558145.2	4160383	WRKR_133	0.92	0.93	0.35	0.35
558145.1741603	558145.2	4160393	WRKR_134	0.98	1.00	0.35	0.35
558145.1741604	558145.2	4160403	WRKR_135	1.05	1.06	0.36	0.36
558145.1741604	558145.2	4160413	WRKR_136	1.13	1.14	0.36	0.36
558145.1741604	558145.2	4160423	WRKR_137	1.21	1.22	0.37	0.37
558145.1741604	558145.2	4160433	WRKR_138	1.30	1.32	0.37	0.37
558145.1741604	558145.2	4160443	WRKR_139	1.40	1.42	0.37	0.37
558155.1741603	558155.2	4160373	WRKR_140	0.86	0.87	0.36	0.36

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558155.1741603	558155.2	4160383	WRKR_141	0.92	0.93	0.36	0.36
558155.1741603	558155.2	4160393	WRKR_142	0.98	0.99	0.37	0.37
558155.1741604	558155.2	4160403	WRKR_143	1.05	1.06	0.37	0.37
558155.174160	558155.2	4160413	WRKR_144	1.13	1.14	0.38	0.38
558155.174160	558155.2	4160423	WRKR_145	1.21	1.22	0.38	0.38
558155.174160	558155.2	4160433	WRKR_146	1.31	1.32	0.39	0.39
558155.174160	558155.2	4160443	WRKR_147	1.41	1.42	0.39	0.39
558165.1741603	558165.2	4160363	WRKR_148	0.80	0.81	0.37	0.37
558165.174160	558165.2	4160373	WRKR_149	0.85	0.86	0.37	0.38
558165.1741603	558165.2	4160383	WRKR_150	0.91	0.92	0.38	0.38
558165.1741603	558165.2	4160393	WRKR_151	0.97	0.98	0.38	0.39
558165.1741604	558165.2	4160403	WRKR_152	1.04	1.05	0.39	0.39
558165.174160	558165.2	4160413	WRKR_153	1.12	1.13	0.39	0.40
558165.174160	558165.2	4160423	WRKR_154	1.21	1.22	0.40	0.40
558165.174160	558165.2	4160433	WRKR_155	1.30	1.31	0.41	0.41
558175.1741603	558175.2	4160363	WRKR_156	0.79	0.79	0.38	0.39
558175.174160	558175.2	4160373	WRKR_157	0.84	0.85	0.39	0.39
558175.1741603	558175.2	4160383	WRKR_158	0.90	0.91	0.39	0.40
558175.1741603	558175.2	4160393	WRKR_159	0.96	0.97	0.40	0.40
558175.1741604	558175.2	4160403	WRKR_160	1.03	1.04	0.41	0.41
558175.174160	558175.2	4160413	WRKR_161	1.11	1.12	0.41	0.42
558175.174160	558175.2	4160423	WRKR_162	1.20	1.21	0.42	0.42
558185.1741603	558185.2	4160363	WRKR_163	0.78	0.78	0.40	0.40
558185.174160	558185.2	4160373	WRKR_164	0.83	0.83	0.41	0.41
558185.1741603	558185.2	4160383	WRKR_165	0.89	0.89	0.41	0.42
558185.1741603	558185.2	4160393	WRKR_166	0.95	0.96	0.42	0.42
558185.1741604	558185.2	4160403	WRKR_167	1.02	1.03	0.43	0.43
558185.174160	558185.2	4160413	WRKR_168	1.10	1.10	0.43	0.44
558185.174160	558185.2	4160423	WRKR_169	1.19	1.19	0.44	0.44
558185.174160	558185.2	4160433	WRKR_170	1.28	1.29	0.45	0.45
558185.174160	558185.2	4160443	WRKR_171	1.39	1.40	0.45	0.46
558195.1741603	558195.2	4160363	WRKR_172	0.77	0.76	0.42	0.42
558195.174160	558195.2	4160373	WRKR_173	0.82	0.82	0.42	0.43
558195.1741603	558195.2	4160383	WRKR_174	0.87	0.87	0.43	0.43
558195.1741603	558195.2	4160393	WRKR_175	0.94	0.94	0.44	0.44
558195.1741604	558195.2	4160403	WRKR_176	1.01	1.01	0.45	0.45
558195.174160	558195.2	4160413	WRKR_177	1.08	1.08	0.45	0.46
558195.174160	558195.2	4160423	WRKR_178	1.17	1.17	0.46	0.46
558195.174160	558195.2	4160433	WRKR_179	1.26	1.26	0.47	0.47
558195.174160	558195.2	4160443	WRKR_180	1.37	1.37	0.48	0.48
558195.1741604	558195.2	4160453	WRKR_181	1.48	1.49	0.48	0.49
558205.1741603	558205.2	4160363	WRKR_182	0.75	0.75	0.43	0.44
558205.174160	558205.2	4160373	WRKR_183	0.80	0.80	0.44	0.45
558205.1741603	558205.2	4160383	WRKR_184	0.86	0.85	0.45	0.45
558205.1741603	558205.2	4160393	WRKR_185	0.92	0.92	0.46	0.46
558205.1741604	558205.2	4160403	WRKR_186	0.99	0.98	0.47	0.47
558205.174160	558205.2	4160413	WRKR_187	1.06	1.06	0.48	0.48
558205.174160	558205.2	4160423	WRKR_188	1.15	1.14	0.49	0.49
558205.174160	558205.2	4160433	WRKR_189	1.24	1.24	0.49	0.50
558205.174160	558205.2	4160443	WRKR_190	1.34	1.34	0.50	0.51
558205.1741604	558205.2	4160453	WRKR_191	1.46	1.46	0.51	0.51
558205.1741604	558205.2	4160463	WRKR_192	1.59	1.60	0.52	0.52

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558215.1741603	558215.2	4160363	WRKR_193	0.73	0.73	0.45	0.46
558215.1741603	558215.2	4160373	WRKR_194	0.78	0.78	0.46	0.47
558215.1741603	558215.2	4160383	WRKR_195	0.84	0.83	0.47	0.48
558215.1741603	558215.2	4160393	WRKR_196	0.90	0.89	0.48	0.49
558215.1741604	558215.2	4160403	WRKR_197	0.97	0.96	0.49	0.49
558215.1741604	558215.2	4160413	WRKR_198	1.04	1.03	0.50	0.50
558215.1741604	558215.2	4160423	WRKR_199	1.12	1.12	0.51	0.51
558215.1741604	558215.2	4160433	WRKR_200	1.21	1.21	0.52	0.52
558215.1741604	558215.2	4160443	WRKR_201	1.31	1.31	0.53	0.53
558215.1741604	558215.2	4160453	WRKR_202	1.43	1.43	0.54	0.54
558215.1741604	558215.2	4160463	WRKR_203	1.55	1.56	0.55	0.55
558215.1741604	558215.2	4160473	WRKR_204	1.70	1.71	0.56	0.56
558225.1741603	558225.2	4160363	WRKR_205	0.72	0.71	0.47	0.48
558225.1741603	558225.2	4160373	WRKR_206	0.77	0.76	0.48	0.49
558225.1741603	558225.2	4160383	WRKR_207	0.82	0.81	0.49	0.50
558225.1741603	558225.2	4160393	WRKR_208	0.88	0.87	0.50	0.51
558225.1741604	558225.2	4160403	WRKR_209	0.94	0.93	0.51	0.52
558225.1741604	558225.2	4160413	WRKR_210	1.01	1.01	0.53	0.53
558225.1741604	558225.2	4160423	WRKR_211	1.09	1.09	0.54	0.54
558225.1741604	558225.2	4160433	WRKR_212	1.18	1.17	0.55	0.55
558225.1741604	558225.2	4160443	WRKR_213	1.28	1.27	0.56	0.56
558225.1741604	558225.2	4160453	WRKR_214	1.39	1.39	0.57	0.58
558225.1741604	558225.2	4160463	WRKR_215	1.52	1.51	0.58	0.59
558225.1741604	558225.2	4160473	WRKR_216	1.66	1.66	0.59	0.60
558225.1741604	558225.2	4160483	WRKR_217	1.82	1.83	0.60	0.61
558235.1741603	558235.2	4160363	WRKR_218	0.70	0.69	0.49	0.50
558235.1741603	558235.2	4160373	WRKR_219	0.75	0.74	0.50	0.51
558235.1741603	558235.2	4160383	WRKR_220	0.80	0.79	0.52	0.52
558235.1741603	558235.2	4160393	WRKR_221	0.86	0.84	0.53	0.53
558235.1741604	558235.2	4160403	WRKR_222	0.92	0.91	0.54	0.54
558235.1741604	558235.2	4160413	WRKR_223	0.99	0.98	0.55	0.56
558235.1741604	558235.2	4160423	WRKR_224	1.07	1.05	0.56	0.57
558235.1741604	558235.2	4160433	WRKR_225	1.15	1.14	0.58	0.58
558235.1741604	558235.2	4160443	WRKR_226	1.25	1.24	0.59	0.60
558235.1741604	558235.2	4160453	WRKR_227	1.36	1.35	0.60	0.61
558235.1741604	558235.2	4160463	WRKR_228	1.48	1.47	0.62	0.62
558235.1741604	558235.2	4160473	WRKR_229	1.62	1.61	0.63	0.64
558235.1741604	558235.2	4160483	WRKR_230	1.78	1.77	0.64	0.65
558235.1741604	558235.2	4160493	WRKR_231	1.96	1.96	0.65	0.66
558245.1741603	558245.2	4160363	WRKR_232	0.68	0.67	0.52	0.52
558245.1741603	558245.2	4160373	WRKR_233	0.73	0.71	0.53	0.53
558245.1741603	558245.2	4160383	WRKR_234	0.78	0.76	0.54	0.55
558245.1741603	558245.2	4160393	WRKR_235	0.83	0.82	0.55	0.56
558245.1741604	558245.2	4160403	WRKR_236	0.89	0.88	0.57	0.57
558245.1741604	558245.2	4160413	WRKR_237	0.96	0.95	0.58	0.59
558245.1741604	558245.2	4160423	WRKR_238	1.04	1.02	0.59	0.60
558245.1741604	558245.2	4160433	WRKR_239	1.12	1.11	0.61	0.61
558245.1741604	558245.2	4160443	WRKR_240	1.21	1.20	0.62	0.63
558245.1741604	558245.2	4160453	WRKR_241	1.32	1.30	0.64	0.64
558245.1741604	558245.2	4160463	WRKR_242	1.44	1.42	0.65	0.66
558245.1741604	558245.2	4160473	WRKR_243	1.58	1.56	0.67	0.68
558245.1741604	558245.2	4160483	WRKR_244	1.73	1.71	0.68	0.69

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558245.1741604	558245.2	4160493	WRKR_245	1.91	1.89	0.70	0.71
558245.1741605	558245.2	4160503	WRKR_246	2.11	2.10	0.71	0.72
558255.1741603	558255.2	4160363	WRKR_247	0.66	0.65	0.54	0.54
558255.1741603	558255.2	4160373	WRKR_248	0.71	0.69	0.55	0.56
558255.1741603	558255.2	4160383	WRKR_249	0.76	0.74	0.57	0.57
558255.1741603	558255.2	4160393	WRKR_250	0.81	0.79	0.58	0.58
558255.1741604	558255.2	4160403	WRKR_251	0.87	0.85	0.59	0.60
558255.1741604	558255.2	4160413	WRKR_252	0.93	0.92	0.61	0.62
558255.1741604	558255.2	4160423	WRKR_253	1.01	0.99	0.62	0.63
558255.1741604	558255.2	4160433	WRKR_254	1.09	1.07	0.64	0.65
558255.1741604	558255.2	4160443	WRKR_255	1.18	1.16	0.66	0.66
558255.1741604	558255.2	4160453	WRKR_256	1.28	1.26	0.67	0.68
558255.1741604	558255.2	4160463	WRKR_257	1.40	1.38	0.69	0.70
558255.1741604	558255.2	4160473	WRKR_258	1.53	1.51	0.71	0.72
558255.1741604	558255.2	4160483	WRKR_259	1.68	1.66	0.73	0.74
558255.1741604	558255.2	4160493	WRKR_260	1.86	1.83	0.75	0.76
558255.1741605	558255.2	4160503	WRKR_261	2.05	2.04	0.76	0.77
558255.1741605	558255.2	4160513	WRKR_262	2.28	2.28	0.78	0.79
558265.1741603	558265.2	4160363	WRKR_263	0.64	0.63	0.56	0.57
558265.1741603	558265.2	4160373	WRKR_264	0.69	0.67	0.58	0.58
558265.1741603	558265.2	4160383	WRKR_265	0.73	0.72	0.59	0.60
558265.1741603	558265.2	4160393	WRKR_266	0.78	0.77	0.61	0.61
558265.1741604	558265.2	4160403	WRKR_267	0.84	0.83	0.62	0.63
558265.1741604	558265.2	4160413	WRKR_268	0.90	0.89	0.64	0.65
558265.1741604	558265.2	4160423	WRKR_269	0.98	0.96	0.66	0.66
558265.1741604	558265.2	4160433	WRKR_270	1.05	1.03	0.68	0.68
558265.1741604	558265.2	4160443	WRKR_271	1.14	1.12	0.69	0.70
558265.1741604	558265.2	4160453	WRKR_272	1.24	1.22	0.71	0.72
558265.1741604	558265.2	4160463	WRKR_273	1.35	1.33	0.73	0.74
558265.1741604	558265.2	4160473	WRKR_274	1.48	1.46	0.75	0.76
558265.1741604	558265.2	4160483	WRKR_275	1.63	1.60	0.78	0.79
558265.1741604	558265.2	4160493	WRKR_276	1.80	1.77	0.80	0.81
558265.1741605	558265.2	4160503	WRKR_277	2.01	1.97	0.82	0.83
558265.1741605	558265.2	4160513	WRKR_278	2.23	2.21	0.84	0.85
558265.1741605	558265.2	4160523	WRKR_279	2.50	2.49	0.86	0.88
558275.1741603	558275.2	4160363	WRKR_280	0.62	0.61	0.59	0.59
558275.1741603	558275.2	4160373	WRKR_281	0.67	0.65	0.60	0.61
558275.1741603	558275.2	4160383	WRKR_282	0.71	0.70	0.62	0.62
558275.1741603	558275.2	4160393	WRKR_283	0.76	0.74	0.64	0.64
558275.1741604	558275.2	4160403	WRKR_284	0.82	0.80	0.65	0.66
558275.1741604	558275.2	4160413	WRKR_285	0.88	0.86	0.67	0.68
558275.1741604	558275.2	4160423	WRKR_286	0.94	0.92	0.69	0.70
558275.1741604	558275.2	4160433	WRKR_287	1.02	1.00	0.71	0.72
558275.1741604	558275.2	4160443	WRKR_288	1.11	1.08	0.73	0.74
558275.1741604	558275.2	4160453	WRKR_289	1.20	1.18	0.75	0.76
558275.1741604	558275.2	4160463	WRKR_290	1.31	1.28	0.78	0.79
558275.1741604	558275.2	4160473	WRKR_291	1.44	1.41	0.80	0.81
558275.1741604	558275.2	4160483	WRKR_292	1.58	1.55	0.83	0.84
558275.1741604	558275.2	4160493	WRKR_293	1.75	1.71	0.85	0.87
558275.1741605	558275.2	4160503	WRKR_294	1.95	1.91	0.88	0.89
558275.1741605	558275.2	4160513	WRKR_295	2.19	2.14	0.91	0.92
558275.1741605	558275.2	4160523	WRKR_296	2.47	2.43	0.94	0.95

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558275.1741605	558275.2	4160533	WRKR_297	2.80	2.79	0.97	0.98
558285.1741603	558285.2	4160363	WRKR_298	0.60	0.59	0.61	0.62
558285.1741603	558285.2	4160373	WRKR_299	0.64	0.63	0.63	0.63
558285.1741603	558285.2	4160383	WRKR_300	0.69	0.67	0.65	0.65
558285.1741603	558285.2	4160393	WRKR_301	0.74	0.72	0.66	0.67
558285.1741604	558285.2	4160403	WRKR_302	0.79	0.77	0.68	0.69
558285.1741604	558285.2	4160413	WRKR_303	0.85	0.83	0.71	0.71
558285.1741604	558285.2	4160423	WRKR_304	0.91	0.89	0.73	0.74
558285.1741604	558285.2	4160433	WRKR_305	0.99	0.96	0.75	0.76
558285.1741604	558285.2	4160443	WRKR_306	1.07	1.04	0.77	0.78
558285.1741604	558285.2	4160453	WRKR_307	1.17	1.13	0.80	0.81
558285.1741604	558285.2	4160463	WRKR_308	1.27	1.24	0.82	0.84
558285.1741604	558285.2	4160473	WRKR_309	1.40	1.36	0.85	0.86
558285.1741604	558285.2	4160483	WRKR_310	1.54	1.50	0.88	0.89
558285.1741604	558285.2	4160493	WRKR_311	1.70	1.66	0.91	0.93
558285.1741605	558285.2	4160503	WRKR_312	1.90	1.85	0.95	0.96
558285.1741605	558285.2	4160513	WRKR_313	2.14	2.09	0.98	1.00
558285.1741605	558285.2	4160523	WRKR_314	2.43	2.38	1.02	1.03
558285.1741605	558285.2	4160533	WRKR_315	2.76	2.74	1.05	1.07
558295.1741603	558295.2	4160363	WRKR_316	0.58	0.57	0.64	0.64
558295.1741603	558295.2	4160373	WRKR_317	0.62	0.61	0.66	0.66
558295.1741603	558295.2	4160383	WRKR_318	0.67	0.65	0.67	0.68
558295.1741603	558295.2	4160393	WRKR_319	0.71	0.69	0.70	0.70
558295.1741604	558295.2	4160403	WRKR_320	0.76	0.74	0.72	0.72
558295.1741604	558295.2	4160413	WRKR_321	0.82	0.80	0.74	0.75
558295.1741604	558295.2	4160423	WRKR_322	0.88	0.86	0.76	0.77
558295.1741604	558295.2	4160433	WRKR_323	0.96	0.93	0.79	0.80
558295.1741604	558295.2	4160443	WRKR_324	1.04	1.01	0.82	0.83
558295.1741604	558295.2	4160453	WRKR_325	1.13	1.09	0.84	0.86
558295.1741604	558295.2	4160463	WRKR_326	1.24	1.19	0.87	0.89
558295.1741604	558295.2	4160473	WRKR_327	1.36	1.31	0.91	0.92
558295.1741604	558295.2	4160483	WRKR_328	1.50	1.45	0.94	0.95
558295.1741604	558295.2	4160493	WRKR_329	1.66	1.61	0.97	0.99
558295.1741605	558295.2	4160503	WRKR_330	1.86	1.80	1.01	1.03
558295.1741605	558295.2	4160513	WRKR_331	2.10	2.04	1.06	1.08
558295.1741605	558295.2	4160523	WRKR_332	2.38	2.33	1.10	1.12
558295.1741605	558295.2	4160533	WRKR_333	2.72	2.70	1.15	1.17
558305.1741603	558305.2	4160363	WRKR_334	0.57	0.55	0.66	0.67
558305.1741603	558305.2	4160373	WRKR_335	0.60	0.59	0.68	0.69
558305.1741603	558305.2	4160383	WRKR_336	0.64	0.62	0.70	0.71
558305.1741603	558305.2	4160393	WRKR_337	0.69	0.67	0.73	0.73
558305.1741604	558305.2	4160403	WRKR_338	0.74	0.71	0.75	0.76
558305.1741604	558305.2	4160413	WRKR_339	0.79	0.77	0.77	0.78
558305.1741604	558305.2	4160423	WRKR_340	0.86	0.83	0.80	0.81
558305.1741604	558305.2	4160433	WRKR_341	0.93	0.89	0.83	0.84
558305.1741604	558305.2	4160443	WRKR_342	1.01	0.97	0.86	0.87
558305.1741604	558305.2	4160453	WRKR_343	1.10	1.05	0.89	0.90
558305.1741604	558305.2	4160463	WRKR_344	1.20	1.15	0.92	0.94
558305.1741604	558305.2	4160473	WRKR_345	1.32	1.27	0.96	0.97
558305.1741604	558305.2	4160483	WRKR_346	1.46	1.40	1.00	1.02
558305.1741604	558305.2	4160493	WRKR_347	1.62	1.56	1.04	1.06
558305.1741605	558305.2	4160503	WRKR_348	1.82	1.75	1.09	1.11

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558305.1741605	558305.2	4160513	WRKR_349	2.05	1.99	1.14	1.16
558305.1741605	558305.2	4160523	WRKR_350	2.34	2.29	1.19	1.22
558305.1741605	558305.2	4160533	WRKR_351	2.68	2.66	1.25	1.28
558315.1741603	558315.2	4160363	WRKR_352	0.55	0.53	0.69	0.70
558315.1741603	558315.2	4160373	WRKR_353	0.58	0.56	0.71	0.72
558315.1741603	558315.2	4160383	WRKR_354	0.62	0.60	0.73	0.74
558315.1741603	558315.2	4160393	WRKR_355	0.66	0.64	0.76	0.77
558315.1741604	558315.2	4160403	WRKR_356	0.71	0.69	0.78	0.79
558315.1741604	558315.2	4160413	WRKR_357	0.77	0.74	0.81	0.82
558315.1741604	558315.2	4160423	WRKR_358	0.83	0.79	0.84	0.85
558315.1741604	558315.2	4160433	WRKR_359	0.90	0.86	0.87	0.88
558315.1741604	558315.2	4160443	WRKR_360	0.97	0.93	0.90	0.91
558315.1741604	558315.2	4160453	WRKR_361	1.06	1.01	0.94	0.95
558315.1741604	558315.2	4160463	WRKR_362	1.16	1.11	0.98	0.99
558315.1741604	558315.2	4160473	WRKR_363	1.28	1.22	1.02	1.03
558315.1741604	558315.2	4160483	WRKR_364	1.42	1.36	1.06	1.08
558315.1741604	558315.2	4160493	WRKR_365	1.58	1.51	1.11	1.13
558315.1741605	558315.2	4160503	WRKR_366	1.78	1.71	1.16	1.19
558315.1741605	558315.2	4160513	WRKR_367	2.01	1.95	1.22	1.25
558315.1741605	558315.2	4160523	WRKR_368	2.30	2.24	1.29	1.32
558315.1741605	558315.2	4160533	WRKR_369	2.63	2.61	1.36	1.40
558325.1741603	558325.2	4160363	WRKR_370	0.53	0.51	0.72	0.73
558325.1741603	558325.2	4160373	WRKR_371	0.56	0.54	0.74	0.75
558325.1741603	558325.2	4160383	WRKR_372	0.60	0.58	0.76	0.77
558325.1741603	558325.2	4160393	WRKR_373	0.64	0.61	0.79	0.80
558325.1741604	558325.2	4160403	WRKR_374	0.69	0.66	0.82	0.83
558325.1741604	558325.2	4160413	WRKR_375	0.74	0.71	0.85	0.86
558325.1741604	558325.2	4160423	WRKR_376	0.80	0.76	0.88	0.89
558325.1741604	558325.2	4160433	WRKR_377	0.87	0.82	0.91	0.92
558325.1741604	558325.2	4160443	WRKR_378	0.94	0.89	0.95	0.96
558325.1741604	558325.2	4160453	WRKR_379	1.03	0.98	0.99	1.00
558325.1741604	558325.2	4160463	WRKR_380	1.13	1.07	1.03	1.04
558325.1741604	558325.2	4160473	WRKR_381	1.25	1.18	1.07	1.09
558325.1741604	558325.2	4160483	WRKR_382	1.38	1.31	1.12	1.14
558325.1741604	558325.2	4160493	WRKR_383	1.55	1.47	1.18	1.20
558325.1741605	558325.2	4160503	WRKR_384	1.74	1.67	1.24	1.27
558325.1741605	558325.2	4160513	WRKR_385	1.98	1.90	1.31	1.34
558325.1741605	558325.2	4160523	WRKR_386	2.26	2.20	1.39	1.43
558325.1741605	558325.2	4160533	WRKR_387	2.58	2.57	1.48	1.52
558335.1741603	558335.2	4160363	WRKR_388	0.51	0.49	0.75	0.75
558335.1741603	558335.2	4160373	WRKR_389	0.54	0.52	0.77	0.78
558335.1741603	558335.2	4160383	WRKR_390	0.58	0.55	0.80	0.80
558335.1741603	558335.2	4160393	WRKR_391	0.62	0.59	0.82	0.83
558335.1741604	558335.2	4160403	WRKR_392	0.66	0.63	0.85	0.86
558335.1741604	558335.2	4160413	WRKR_393	0.72	0.68	0.88	0.89
558335.1741604	558335.2	4160423	WRKR_394	0.77	0.73	0.92	0.93
558335.1741604	558335.2	4160433	WRKR_395	0.84	0.79	0.95	0.96
558335.1741604	558335.2	4160443	WRKR_396	0.91	0.86	0.99	1.00
558335.1741604	558335.2	4160453	WRKR_397	1.00	0.94	1.03	1.05
558335.1741604	558335.2	4160463	WRKR_398	1.10	1.03	1.08	1.09
558335.1741604	558335.2	4160473	WRKR_399	1.21	1.14	1.13	1.15
558335.1741604	558335.2	4160483	WRKR_400	1.35	1.27	1.18	1.20

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558335.1741604	558335.2	4160493	WRKR_401	1.51	1.43	1.25	1.27
558335.1741605	558335.2	4160503	WRKR_402	1.70	1.62	1.32	1.35
558335.1741605	558335.2	4160513	WRKR_403	1.93	1.86	1.40	1.43
558335.1741605	558335.2	4160523	WRKR_404	2.21	2.16	1.49	1.53
558335.1741605	558335.2	4160533	WRKR_405	2.52	2.51	1.59	1.65
558345.1741603	558345.2	4160363	WRKR_406	0.49	0.47	0.78	0.78
558345.1741603	558345.2	4160373	WRKR_407	0.52	0.50	0.80	0.81
558345.1741603	558345.2	4160383	WRKR_408	0.56	0.53	0.83	0.84
558345.1741603	558345.2	4160393	WRKR_409	0.60	0.56	0.86	0.87
558345.1741604	558345.2	4160403	WRKR_410	0.64	0.60	0.89	0.90
558345.1741604	558345.2	4160413	WRKR_411	0.69	0.65	0.92	0.93
558345.1741604	558345.2	4160423	WRKR_412	0.75	0.70	0.96	0.97
558345.1741604	558345.2	4160433	WRKR_413	0.81	0.76	0.99	1.01
558345.1741604	558345.2	4160443	WRKR_414	0.88	0.82	1.03	1.04
558345.1741604	558345.2	4160453	WRKR_415	0.97	0.90	1.08	1.09
558345.1741604	558345.2	4160463	WRKR_416	1.07	1.00	1.13	1.15
558345.1741604	558345.2	4160473	WRKR_417	1.18	1.10	1.18	1.20
558345.1741604	558345.2	4160483	WRKR_418	1.31	1.24	1.25	1.27
558345.1741604	558345.2	4160493	WRKR_419	1.47	1.39	1.31	1.34
558345.1741605	558345.2	4160503	WRKR_420	1.66	1.58	1.39	1.42
558345.1741605	558345.2	4160513	WRKR_421	1.89	1.82	1.48	1.52
558345.1741605	558345.2	4160523	WRKR_422	2.15	2.11	1.59	1.63
558345.1741605	558345.2	4160533	WRKR_423	2.46	2.45	1.71	1.77
558355.1741603	558355.2	4160363	WRKR_424	0.48	0.45	0.81	0.81
558355.1741603	558355.2	4160373	WRKR_425	0.51	0.48	0.83	0.84
558355.1741603	558355.2	4160383	WRKR_426	0.54	0.51	0.86	0.87
558355.1741603	558355.2	4160393	WRKR_427	0.58	0.54	0.90	0.90
558355.1741604	558355.2	4160403	WRKR_428	0.62	0.58	0.93	0.94
558355.1741604	558355.2	4160413	WRKR_429	0.67	0.62	0.96	0.97
558355.1741604	558355.2	4160423	WRKR_430	0.72	0.67	1.00	1.01
558355.1741604	558355.2	4160433	WRKR_431	0.79	0.73	1.04	1.05
558355.1741604	558355.2	4160443	WRKR_432	0.86	0.79	1.08	1.09
558355.1741604	558355.2	4160453	WRKR_433	0.94	0.87	1.13	1.14
558355.1741604	558355.2	4160463	WRKR_434	1.04	0.96	1.18	1.20
558355.1741604	558355.2	4160473	WRKR_435	1.15	1.07	1.24	1.26
558355.1741604	558355.2	4160483	WRKR_436	1.28	1.20	1.30	1.33
558355.1741604	558355.2	4160493	WRKR_437	1.44	1.36	1.38	1.40
558355.1741605	558355.2	4160503	WRKR_438	1.62	1.55	1.46	1.49
558355.1741605	558355.2	4160513	WRKR_439	1.84	1.77	1.56	1.60
558355.1741605	558355.2	4160523	WRKR_440	2.09	2.05	1.68	1.73
558355.1741605	558355.2	4160533	WRKR_441	2.38	2.38	1.81	1.88
558365.1741603	558365.2	4160363	WRKR_442	0.46	0.43	0.84	0.85
558365.1741603	558365.2	4160373	WRKR_443	0.49	0.46	0.87	0.88
558365.1741603	558365.2	4160383	WRKR_444	0.52	0.49	0.90	0.91
558365.1741603	558365.2	4160393	WRKR_445	0.56	0.52	0.93	0.94
558365.1741604	558365.2	4160403	WRKR_446	0.60	0.56	0.97	0.98
558365.1741604	558365.2	4160413	WRKR_447	0.65	0.60	1.00	1.01
558365.1741604	558365.2	4160423	WRKR_448	0.70	0.65	1.04	1.05
558365.1741604	558365.2	4160433	WRKR_449	0.77	0.70	1.08	1.09
558365.1741604	558365.2	4160443	WRKR_450	0.84	0.77	1.13	1.14
558365.1741604	558365.2	4160453	WRKR_451	0.92	0.84	1.18	1.19
558365.1741604	558365.2	4160463	WRKR_452	1.01	0.93	1.24	1.25

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558365.1741604	558365.2	4160473	WRKR_453	1.12	1.04	1.30	1.31
558365.1741604	558365.2	4160483	WRKR_454	1.25	1.17	1.36	1.39
558365.1741604	558365.2	4160493	WRKR_455	1.40	1.32	1.44	1.47
558365.1741605	558365.2	4160503	WRKR_456	1.58	1.51	1.53	1.57
558365.1741605	558365.2	4160513	WRKR_457	1.78	1.73	1.64	1.68
558365.1741605	558365.2	4160523	WRKR_458	2.02	1.99	1.76	1.81
558365.1741605	558365.2	4160533	WRKR_459	2.30	2.30	1.91	1.98
558375.1741603	558375.2	4160363	WRKR_460	0.45	0.42	0.88	0.88
558375.1741603	558375.2	4160373	WRKR_461	0.48	0.44	0.91	0.92
558375.1741603	558375.2	4160383	WRKR_462	0.51	0.47	0.94	0.95
558375.1741603	558375.2	4160393	WRKR_463	0.55	0.50	0.97	0.98
558375.1741604	558375.2	4160403	WRKR_464	0.59	0.54	1.01	1.02
558375.1741604	558375.2	4160413	WRKR_465	0.63	0.58	1.05	1.06
558375.1741604	558375.2	4160423	WRKR_466	0.69	0.63	1.09	1.10
558375.1741604	558375.2	4160433	WRKR_467	0.75	0.68	1.13	1.14
558375.1741604	558375.2	4160443	WRKR_468	0.82	0.74	1.18	1.19
558375.1741604	558375.2	4160453	WRKR_469	0.89	0.82	1.23	1.25
558375.1741604	558375.2	4160463	WRKR_470	0.99	0.91	1.29	1.30
558375.1741604	558375.2	4160473	WRKR_471	1.10	1.01	1.35	1.37
558375.1741604	558375.2	4160483	WRKR_472	1.22	1.14	1.43	1.45
558375.1741604	558375.2	4160493	WRKR_473	1.37	1.29	1.51	1.53
558375.1741605	558375.2	4160503	WRKR_474	1.54	1.47	1.60	1.64
558375.1741605	558375.2	4160513	WRKR_475	1.73	1.68	1.72	1.76
558375.1741605	558375.2	4160523	WRKR_476	1.96	1.93	1.85	1.90
558375.1741605	558375.2	4160533	WRKR_477	2.23	2.22	2.01	2.08
558385.1741603	558385.2	4160363	WRKR_478	0.44	0.40	0.91	0.92
558385.1741603	558385.2	4160373	WRKR_479	0.46	0.43	0.95	0.96
558385.1741603	558385.2	4160383	WRKR_480	0.50	0.46	0.98	0.99
558385.1741603	558385.2	4160393	WRKR_481	0.53	0.49	1.01	1.02
558385.1741604	558385.2	4160403	WRKR_482	0.57	0.52	1.05	1.06
558385.1741604	558385.2	4160413	WRKR_483	0.62	0.56	1.09	1.10
558385.1741604	558385.2	4160423	WRKR_484	0.67	0.61	1.13	1.15
558385.1741604	558385.2	4160433	WRKR_485	0.73	0.66	1.18	1.19
558385.1741604	558385.2	4160443	WRKR_486	0.80	0.73	1.23	1.24
558385.1741604	558385.2	4160453	WRKR_487	0.88	0.80	1.28	1.30
558385.1741604	558385.2	4160463	WRKR_488	0.97	0.89	1.34	1.36
558385.1741604	558385.2	4160473	WRKR_489	1.07	0.99	1.41	1.43
558385.1741604	558385.2	4160483	WRKR_490	1.19	1.12	1.49	1.51
558385.1741604	558385.2	4160493	WRKR_491	1.34	1.26	1.58	1.60
558385.1741605	558385.2	4160503	WRKR_492	1.50	1.43	1.68	1.71
558385.1741605	558385.2	4160513	WRKR_493	1.69	1.64	1.79	1.84
558385.1741605	558385.2	4160523	WRKR_494	1.90	1.87	1.93	1.99
558385.1741605	558385.2	4160533	WRKR_495	2.15	2.14	2.10	2.18
558395.1741603	558395.2	4160363	WRKR_496	0.43	0.39	0.95	0.96
558395.1741603	558395.2	4160373	WRKR_497	0.45	0.42	0.99	0.99
558395.1741603	558395.2	4160383	WRKR_498	0.48	0.44	1.02	1.03
558395.1741603	558395.2	4160393	WRKR_499	0.52	0.47	1.06	1.07
558395.1741604	558395.2	4160403	WRKR_500	0.56	0.51	1.10	1.11
558395.1741604	558395.2	4160413	WRKR_501	0.60	0.55	1.14	1.15
558395.1741604	558395.2	4160423	WRKR_502	0.66	0.60	1.18	1.19
558395.1741604	558395.2	4160433	WRKR_503	0.72	0.65	1.23	1.24
558395.1741604	558395.2	4160443	WRKR_504	0.78	0.71	1.28	1.30

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558395.1741604	558395.2	4160453	WRKR_505	0.86	0.79	1.34	1.35
558395.1741604	558395.2	4160463	WRKR_506	0.95	0.87	1.40	1.42
558395.1741604	558395.2	4160473	WRKR_507	1.05	0.98	1.47	1.49
558395.1741604	558395.2	4160483	WRKR_508	1.17	1.10	1.55	1.57
558395.1741604	558395.2	4160493	WRKR_509	1.31	1.24	1.64	1.67
558395.1741605	558395.2	4160503	WRKR_510	1.47	1.41	1.75	1.78
558395.1741605	558395.2	4160513	WRKR_511	1.64	1.60	1.87	1.92
558477.6641605	558477.7	4160569	WRKR_512	2.31	2.41	4.87	5.32
558477.6641605	558477.7	4160579	WRKR_513	2.53	2.67	5.63	6.31
558477.6641605	558477.7	4160589	WRKR_514	2.78	2.96	6.66	7.74
558477.6641605	558477.7	4160599	WRKR_515	3.05	3.28	8.09	9.94
558487.6641605	558487.7	4160569	WRKR_516	2.20	2.31	5.07	5.54
558487.6641605	558487.7	4160579	WRKR_517	2.39	2.54	5.77	6.46
558487.6641605	558487.7	4160589	WRKR_518	2.60	2.79	6.68	7.71
558487.6641605	558487.7	4160599	WRKR_519	2.83	3.07	7.95	9.56
558497.6641605	558497.7	4160569	WRKR_520	2.12	2.24	5.36	5.92
558497.6641605	558497.7	4160579	WRKR_521	2.30	2.45	6.04	6.81
558497.6641605	558497.7	4160589	WRKR_522	2.49	2.68	6.95	8.06
558497.6641605	558497.7	4160599	WRKR_523	2.68	2.91	8.20	9.84
558507.6641605	558507.7	4160569	WRKR_524	2.06	2.18	5.85	6.55
558507.6641605	558507.7	4160579	WRKR_525	2.22	2.37	6.52	7.45
558507.6641605	558507.7	4160589	WRKR_526	2.39	2.58	7.51	8.85
558507.6641605	558507.7	4160599	WRKR_527	2.56	2.79	8.87	10.83
558517.6641605	558517.7	4160569	WRKR_528	1.99	2.12	6.43	7.34
558517.6641605	558517.7	4160579	WRKR_529	2.14	2.29	7.14	8.36
558517.6641605	558517.7	4160589	WRKR_530	2.29	2.47	8.15	9.83
558517.6641605	558517.7	4160599	WRKR_531	2.44	2.65	9.66	12.09
558527.6641605	558527.7	4160569	WRKR_532	1.92	2.05	7.14	8.41
558527.6641605	558527.7	4160579	WRKR_533	2.05	2.20	7.95	9.65
558527.6641605	558527.7	4160589	WRKR_534	2.18	2.36	9.06	11.37
558527.6641605	558527.7	4160599	WRKR_535	2.31	2.52	8.39	13.99
558537.6641605	558537.7	4160569	WRKR_536	1.85	1.98	8.15	10.05
558537.6641605	558537.7	4160579	WRKR_537	1.97	2.12	9.06	11.63
558537.6641605	558537.7	4160589	WRKR_538	2.08	2.26	7.64	13.82
558537.6641605	558537.7	4160599	WRKR_539	2.19	2.38	8.52	10.81
558547.6641605	558547.7	4160569	WRKR_540	1.78	1.91	9.57	12.54
558547.6641605	558547.7	4160579	WRKR_541	1.89	2.04	7.55	9.42
558547.6641605	558547.7	4160589	WRKR_542	1.98	2.15	5.67	6.61
558557.6641605	558557.7	4160569	WRKR_543	1.72	1.85	5.37	6.32
558600.6441605	558600.6	4160569	WRKR_544	1.45	1.58	6.94	8.84
558600.6441605	558600.6	4160579	WRKR_545	1.50	1.64	7.08	9.07
558600.6441605	558600.6	4160589	WRKR_546	1.54	1.68	8.51	11.40
558600.6441605	558600.6	4160599	WRKR_547	1.57	1.71	7.72	9.91
558610.6441605	558610.6	4160569	WRKR_548	1.39	1.51	8.35	10.95
558610.6441605	558610.6	4160579	WRKR_549	1.43	1.56	7.72	9.78
558610.6441605	558610.6	4160589	WRKR_550	1.46	1.59	7.10	8.73
558610.6441605	558610.6	4160599	WRKR_551	1.49	1.62	6.45	7.71
558620.6441605	558620.6	4160569	WRKR_552	1.33	1.45	7.11	8.60
558620.6441605	558620.6	4160579	WRKR_553	1.36	1.48	6.57	7.80
558620.6441605	558620.6	4160589	WRKR_554	1.39	1.51	6.07	7.07
558620.6441605	558620.6	4160599	WRKR_555	1.41	1.53	5.53	6.33
558630.6441605	558630.6	4160569	WRKR_556	1.27	1.38	6.13	7.05

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558630.6441605	558630.6	4160579	WRKR_557	1.30	1.41	5.70	6.49
558630.6441605	558630.6	4160589	WRKR_558	1.32	1.43	5.25	5.90
558630.6441605	558630.6	4160599	WRKR_559	1.34	1.45	4.77	5.31
558640.6441605	558640.6	4160569	WRKR_560	1.21	1.32	5.34	5.96
558640.6441605	558640.6	4160579	WRKR_561	1.24	1.34	4.97	5.51
558640.6441605	558640.6	4160589	WRKR_562	1.25	1.36	4.56	5.02
558640.6441605	558640.6	4160599	WRKR_563	1.27	1.37	4.16	4.54
558650.6441605	558650.6	4160569	WRKR_564	1.16	1.26	4.70	5.15
558650.6441605	558650.6	4160579	WRKR_565	1.18	1.28	4.38	4.77
558650.6441605	558650.6	4160589	WRKR_566	1.19	1.29	4.03	4.36
558650.6441605	558650.6	4160599	WRKR_567	1.20	1.30	3.69	3.97
558660.6441605	558660.6	4160569	WRKR_568	1.11	1.20	4.22	4.55
558660.6441605	558660.6	4160579	WRKR_569	1.12	1.22	3.93	4.22
558660.6441605	558660.6	4160589	WRKR_570	1.13	1.22	3.62	3.87
558660.6441605	558660.6	4160599	WRKR_571	1.14	1.23	3.34	3.55
558670.6441605	558670.6	4160569	WRKR_572	1.06	1.15	3.81	4.08
558670.6441605	558670.6	4160579	WRKR_573	1.07	1.16	3.54	3.77
558670.6441605	558670.6	4160589	WRKR_574	1.08	1.16	3.28	3.48
558495.4416049	558495.4	4160499	WRKR_575	1.20	1.21	3.14	3.27
558495.4416050	558495.4	4160509	WRKR_576	1.31	1.33	3.32	3.48
558495.4416051	558495.4	4160519	WRKR_577	1.43	1.46	3.53	3.72
558495.4416052	558495.4	4160529	WRKR_578	1.56	1.60	3.77	3.99
558505.4416049	558505.4	4160499	WRKR_579	1.19	1.20	3.48	3.66
558505.4416050	558505.4	4160509	WRKR_580	1.29	1.31	3.67	3.89
558505.4416051	558505.4	4160519	WRKR_581	1.40	1.44	3.89	4.15
558505.4416052	558505.4	4160529	WRKR_582	1.53	1.57	4.15	4.44
558515.4416049	558515.4	4160499	WRKR_583	1.17	1.19	3.91	4.17
558515.4416050	558515.4	4160509	WRKR_584	1.27	1.30	4.12	4.43
558515.4416051	558515.4	4160519	WRKR_585	1.38	1.42	4.36	4.71
558515.4416052	558515.4	4160529	WRKR_586	1.50	1.55	4.62	5.03
558525.4416049	558525.4	4160499	WRKR_587	1.16	1.18	4.44	4.83
558525.4416050	558525.4	4160509	WRKR_588	1.25	1.28	4.70	5.15
558525.4416051	558525.4	4160519	WRKR_589	1.36	1.40	4.95	5.47
558525.4416052	558525.4	4160529	WRKR_590	1.47	1.52	5.24	5.84
558535.4416049	558535.4	4160499	WRKR_591	1.14	1.17	5.16	5.77
558535.4416050	558535.4	4160509	WRKR_592	1.23	1.27	5.44	6.15
558535.4416051	558535.4	4160519	WRKR_593	1.33	1.38	5.75	6.56
558535.4416052	558535.4	4160529	WRKR_594	1.44	1.50	6.06	6.99
558545.4416049	558545.4	4160499	WRKR_595	1.13	1.15	6.07	7.08
558545.4416050	558545.4	4160509	WRKR_596	1.22	1.25	6.43	7.61
558545.4416051	558545.4	4160519	WRKR_597	1.31	1.36	6.79	8.16
558545.4416052	558545.4	4160529	WRKR_598	1.41	1.47	7.16	8.71
558555.4416049	558555.4	4160499	WRKR_599	1.11	1.14	7.33	9.11
558555.4416050	558555.4	4160509	WRKR_600	1.20	1.24	7.77	9.84
558555.4416051	558555.4	4160519	WRKR_601	1.28	1.34	8.20	10.56
558555.4416052	558555.4	4160529	WRKR_602	1.38	1.44	8.68	11.38
558565.4416049	558565.4	4160499	WRKR_603	1.10	1.13	6.36	7.79
558565.4416050	558565.4	4160509	WRKR_604	1.18	1.22	7.00	8.89
558565.4416051	558565.4	4160519	WRKR_605	1.26	1.32	5.00	5.84
558565.4416052	558565.4	4160529	WRKR_606	1.34	1.42	7.23	9.38
558618.9841604	558619	4160499	WRKR_607	0.99	1.04	5.32	6.31
558618.9841605	558619	4160509	WRKR_608	1.04	1.11	7.02	8.83

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558618.9841605	558619	4160519	WRKR_609	1.10	1.17	7.04	12.37
558618.9841605	558619	4160529	WRKR_610	1.15	1.24	8.92	11.53
558628.9841604	558629	4160499	WRKR_611	0.97	1.03	9.12	11.74
558628.9841605	558629	4160509	WRKR_612	1.02	1.09	8.48	10.59
558628.9841605	558629	4160519	WRKR_613	1.07	1.15	8.00	9.77
558628.9841605	558629	4160529	WRKR_614	1.12	1.20	7.63	9.18
558638.9841604	558639	4160499	WRKR_615	0.95	1.01	7.97	9.61
558638.9841605	558639	4160509	WRKR_616	0.99	1.06	7.43	8.76
558638.9841605	558639	4160519	WRKR_617	1.04	1.12	7.03	8.16
558638.9841605	558639	4160529	WRKR_618	1.08	1.17	6.70	7.70
558648.9841604	558649	4160499	WRKR_619	0.92	0.99	7.13	8.26
558648.9841605	558649	4160509	WRKR_620	0.97	1.04	6.64	7.56
558648.9841605	558649	4160519	WRKR_621	1.01	1.09	6.28	7.06
558648.9841605	558649	4160529	WRKR_622	1.05	1.13	5.97	6.66
558658.9841604	558659	4160499	WRKR_623	0.90	0.97	6.52	7.36
558658.9841605	558659	4160509	WRKR_624	0.94	1.01	6.06	6.74
558658.9841605	558659	4160519	WRKR_625	0.98	1.05	5.69	6.27
558658.9841605	558659	4160529	WRKR_626	1.01	1.09	5.40	5.91
558668.9841604	558669	4160499	WRKR_627	0.88	0.94	5.99	6.66
558668.9841605	558669	4160509	WRKR_628	0.91	0.98	5.55	6.10
558668.9841605	558669	4160519	WRKR_629	0.95	1.02	5.20	5.66
558668.9841605	558669	4160529	WRKR_630	0.98	1.06	4.92	5.32
558678.9841604	558679	4160499	WRKR_631	0.86	0.92	5.57	6.13
558678.9841605	558679	4160509	WRKR_632	0.89	0.96	5.14	5.59
558678.9841605	558679	4160519	WRKR_633	0.92	0.99	4.80	5.18
558678.9841605	558679	4160529	WRKR_634	0.94	1.02	4.52	4.85
558688.9841604	558689	4160499	WRKR_635	0.83	0.90	5.20	5.69
558688.9841605	558689	4160509	WRKR_636	0.86	0.93	4.78	5.18
558688.9841605	558689	4160519	WRKR_637	0.89	0.96	4.46	4.79
558444.4141603	558444.4	4160372	WRKR_638	0.42	0.38	1.24	1.25
558454.4141603	558454.4	4160382	WRKR_639	0.44	0.40	1.33	1.34
558454.4141603	558454.4	4160392	WRKR_640	0.48	0.43	1.38	1.40
558454.4141604	558454.4	4160402	WRKR_641	0.51	0.47	1.44	1.45
558464.4141603	558464.4	4160382	WRKR_642	0.44	0.40	1.41	1.42
558464.4141603	558464.4	4160392	WRKR_643	0.47	0.43	1.46	1.48
558464.4141604	558464.4	4160402	WRKR_644	0.51	0.47	1.52	1.54
558474.4141603	558474.4	4160382	WRKR_645	0.44	0.39	1.49	1.50
558474.4141603	558474.4	4160392	WRKR_646	0.47	0.43	1.55	1.57
558474.4141604	558474.4	4160402	WRKR_647	0.51	0.47	1.61	1.63
558484.4141603	558484.4	4160382	WRKR_648	0.44	0.39	1.58	1.60
558484.4141603	558484.4	4160392	WRKR_649	0.47	0.43	1.64	1.66
558484.4141604	558484.4	4160402	WRKR_650	0.51	0.46	1.70	1.72
558494.4141603	558494.4	4160382	WRKR_651	0.44	0.39	1.68	1.70
558494.4141603	558494.4	4160392	WRKR_652	0.47	0.43	1.74	1.77
558494.4141604	558494.4	4160402	WRKR_653	0.51	0.46	1.81	1.84
558504.4141603	558504.4	4160382	WRKR_654	0.44	0.40	1.80	1.82
558504.4141603	558504.4	4160392	WRKR_655	0.47	0.43	1.89	1.92
558504.4141604	558504.4	4160402	WRKR_656	0.52	0.47	2.01	2.04
558514.4141603	558514.4	4160382	WRKR_657	0.44	0.40	1.93	1.96
558514.4141603	558514.4	4160392	WRKR_658	0.47	0.43	2.04	2.07
558514.4141604	558514.4	4160402	WRKR_659	0.52	0.48	2.17	2.22
558524.4141603	558524.4	4160392	WRKR_660	0.48	0.44	2.20	2.25

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558524.4141604	558524.4	4160402	WRKR_661	0.52	0.48	2.36	2.42
558581.8241603	558581.8	4160392	WRKR_662	0.49	0.47	3.77	4.00
558581.8241604	558581.8	4160402	WRKR_663	0.53	0.51	4.22	4.56
558581.824160	558581.8	4160412	WRKR_664	0.57	0.55	4.77	5.28
558581.824160	558581.8	4160422	WRKR_665	0.62	0.60	5.43	6.20
558591.8241603	558591.8	4160392	WRKR_666	0.49	0.47	4.10	4.40
558591.8241604	558591.8	4160402	WRKR_667	0.53	0.51	4.64	5.10
558591.824160	558591.8	4160412	WRKR_668	0.57	0.56	5.31	6.03
558591.824160	558591.8	4160422	WRKR_669	0.62	0.60	6.14	7.31
558601.8241603	558601.8	4160382	WRKR_670	0.46	0.44	3.93	4.19
558601.8241603	558601.8	4160392	WRKR_671	0.50	0.47	4.44	4.83
558601.8241604	558601.8	4160402	WRKR_672	0.53	0.52	5.09	5.70
558601.824160	558601.8	4160412	WRKR_673	0.57	0.56	5.89	6.91
558601.824160	558601.8	4160422	WRKR_674	0.62	0.61	6.91	8.65
558611.8241603	558611.8	4160382	WRKR_675	0.46	0.44	4.18	4.49
558611.8241603	558611.8	4160392	WRKR_676	0.50	0.48	4.75	5.24
558611.8241604	558611.8	4160402	WRKR_677	0.53	0.52	5.55	6.36
558611.824160	558611.8	4160412	WRKR_678	0.57	0.56	6.50	7.93
558611.824160	558611.8	4160422	WRKR_679	0.61	0.61	7.75	10.30
558621.8241603	558621.8	4160382	WRKR_680	0.47	0.45	4.46	4.84
558621.8241603	558621.8	4160392	WRKR_681	0.50	0.48	5.10	5.71
558621.8241604	558621.8	4160402	WRKR_682	0.53	0.52	6.01	7.07
558621.824160	558621.8	4160412	WRKR_683	0.57	0.56	7.18	9.14
558621.824160	558621.8	4160422	WRKR_684	0.61	0.61	5.95	7.46
558631.8241603	558631.8	4160382	WRKR_685	0.47	0.45	4.76	5.21
558631.8241603	558631.8	4160392	WRKR_686	0.50	0.49	5.47	6.20
558631.8241604	558631.8	4160402	WRKR_687	0.53	0.52	6.51	7.84
558641.8241603	558641.8	4160382	WRKR_688	0.47	0.45	5.05	5.57
558641.8241603	558641.8	4160392	WRKR_689	0.50	0.49	5.83	6.70
558641.8241604	558641.8	4160402	WRKR_690	0.53	0.53	7.04	8.66
558651.8241603	558651.8	4160382	WRKR_691	0.47	0.46	5.42	6.05
558651.8241603	558651.8	4160392	WRKR_692	0.50	0.49	6.30	7.33
558651.8241604	558651.8	4160402	WRKR_693	0.53	0.53	7.66	9.61
558661.8241603	558661.8	4160382	WRKR_694	0.47	0.46	5.85	6.58
558661.8241603	558661.8	4160392	WRKR_695	0.50	0.49	6.78	7.98
558661.8241604	558661.8	4160402	WRKR_696	0.53	0.53	8.30	10.62
558671.8241603	558671.8	4160362	WRKR_697	0.41	0.40	5.28	5.80
558671.824160	558671.8	4160372	WRKR_698	0.44	0.43	5.71	6.34
558671.8241603	558671.8	4160382	WRKR_699	0.47	0.46	6.35	7.23
558671.8241603	558671.8	4160392	WRKR_700	0.50	0.49	7.34	8.74
558671.8241604	558671.8	4160402	WRKR_701	0.53	0.53	8.98	11.64
558681.8241603	558681.8	4160362	WRKR_702	0.41	0.40	5.90	6.61
558681.824160	558681.8	4160372	WRKR_703	0.44	0.43	6.21	7.03
558681.8241603	558681.8	4160382	WRKR_704	0.47	0.46	6.92	8.02
558681.8241603	558681.8	4160392	WRKR_705	0.50	0.50	7.97	9.63
558681.8241604	558681.8	4160402	WRKR_706	0.53	0.53	9.65	12.60
558691.8241603	558691.8	4160362	WRKR_707	0.41	0.40	6.77	7.87
558691.824160	558691.8	4160372	WRKR_708	0.44	0.43	7.17	8.41
558691.8241603	558691.8	4160382	WRKR_709	0.47	0.46	7.80	9.31
558691.8241603	558691.8	4160392	WRKR_710	0.49	0.50	8.85	10.98
558691.8241604	558691.8	4160402	WRKR_711	0.52	0.53	10.60	14.22
558701.8241603	558701.8	4160362	WRKR_712	0.41	0.41	7.99	9.88

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558701.8241603	558701.8	4160372	WRKR_713	0.44	0.44	8.39	10.45
558701.8241603	558701.8	4160382	WRKR_714	0.47	0.47	9.02	11.41
558701.8241603	558701.8	4160392	WRKR_715	0.49	0.50	10.04	13.10
558701.8241604	558701.8	4160402	WRKR_716	0.52	0.53	11.75	16.45
558711.8241603	558711.8	4160362	WRKR_717	0.41	0.41	9.73	13.31
558711.8241603	558711.8	4160372	WRKR_718	0.44	0.44	10.11	13.92
558711.8241603	558711.8	4160382	WRKR_719	0.46	0.47	8.33	10.64
558711.8241603	558711.8	4160392	WRKR_720	0.49	0.50	11.67	16.59
558711.8241604	558711.8	4160402	WRKR_721	0.52	0.53	7.53	9.68
558721.8241603	558721.8	4160362	WRKR_722	0.41	0.41	5.78	6.84
558721.8241603	558721.8	4160372	WRKR_723	0.44	0.44	6.46	7.93
558721.8241603	558721.8	4160382	WRKR_724	0.46	0.47	9.21	12.62
558721.8241603	558721.8	4160392	WRKR_725	0.49	0.50	7.19	9.15
558721.8241604	558721.8	4160402	WRKR_726	0.51	0.53	7.67	10.01
558690.0941602	558690.1	4160295	WRKR_727	0.27	0.25	5.33	6.02
558690.0941603	558690.1	4160305	WRKR_728	0.29	0.27	5.40	6.10
558690.0941603	558690.1	4160315	WRKR_729	0.31	0.29	5.47	6.18
558690.0941603	558690.1	4160325	WRKR_730	0.32	0.31	5.56	6.27
558690.0941603	558690.1	4160335	WRKR_731	0.35	0.33	5.67	6.41
558700.0941602	558700.1	4160295	WRKR_732	0.27	0.25	6.44	7.62
558700.0941603	558700.1	4160305	WRKR_733	0.29	0.27	6.53	7.73
558700.0941603	558700.1	4160315	WRKR_734	0.31	0.29	6.59	7.79
558700.0941603	558700.1	4160325	WRKR_735	0.33	0.31	6.66	7.84
558700.0941603	558700.1	4160335	WRKR_736	0.35	0.33	6.76	7.96
558710.0941602	558710.1	4160295	WRKR_737	0.27	0.26	8.08	10.27
558710.0941603	558710.1	4160305	WRKR_738	0.29	0.27	8.15	10.32
558710.0941603	558710.1	4160315	WRKR_739	0.31	0.29	8.21	10.35
558710.0941603	558710.1	4160325	WRKR_740	0.33	0.31	8.28	10.41
558710.0941603	558710.1	4160335	WRKR_741	0.35	0.34	8.34	10.45
558720.0941602	558720.1	4160295	WRKR_742	0.28	0.26	7.08	8.86
558720.0941603	558720.1	4160305	WRKR_743	0.29	0.28	4.97	5.75
558720.0941603	558720.1	4160315	WRKR_744	0.31	0.30	7.18	9.09
558720.0941603	558720.1	4160325	WRKR_745	0.33	0.32	7.33	9.19
558612.6841602	558612.7	4160297	WRKR_746	0.26	0.23	2.27	2.32
558612.6841603	558612.7	4160307	WRKR_747	0.27	0.24	2.37	2.42
558612.6841603	558612.7	4160317	WRKR_748	0.29	0.26	2.48	2.54
558612.6841603	558612.7	4160327	WRKR_749	0.31	0.28	2.60	2.67
558612.6841603	558612.7	4160337	WRKR_750	0.33	0.31	2.76	2.84
558622.6841602	558622.7	4160297	WRKR_751	0.26	0.23	2.44	2.51
558622.6841603	558622.7	4160307	WRKR_752	0.28	0.25	2.54	2.61
558622.6841603	558622.7	4160317	WRKR_753	0.29	0.27	2.65	2.72
558622.6841603	558622.7	4160327	WRKR_754	0.31	0.29	2.78	2.86
558622.6841603	558622.7	4160337	WRKR_755	0.34	0.31	2.94	3.04
558632.6841602	558632.7	4160297	WRKR_756	0.26	0.23	2.65	2.73
558632.6841603	558632.7	4160307	WRKR_757	0.28	0.25	2.74	2.83
558632.6841603	558632.7	4160317	WRKR_758	0.30	0.27	2.85	2.95
558632.6841603	558632.7	4160327	WRKR_759	0.32	0.29	2.98	3.09
558632.6841603	558632.7	4160337	WRKR_760	0.34	0.31	3.14	3.27
558642.6841602	558642.7	4160297	WRKR_761	0.26	0.24	2.91	3.02
558642.6841603	558642.7	4160307	WRKR_762	0.28	0.25	2.98	3.10
558642.6841603	558642.7	4160317	WRKR_763	0.30	0.27	3.09	3.22
558642.6841603	558642.7	4160327	WRKR_764	0.32	0.29	3.22	3.36

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558642.6841603	558642.7	4160337	WRKR_765	0.34	0.32	3.38	3.54
558652.6841602	558652.7	4160297	WRKR_766	0.27	0.24	3.21	3.36
558652.6841603	558652.7	4160307	WRKR_767	0.28	0.26	3.28	3.44
558652.6841603	558652.7	4160317	WRKR_768	0.30	0.28	3.39	3.56
558652.6841603	558652.7	4160327	WRKR_769	0.32	0.30	3.51	3.69
558652.6841603	558652.7	4160337	WRKR_770	0.34	0.32	3.67	3.87
558662.6841602	558662.7	4160297	WRKR_771	0.27	0.24	3.61	3.83
558662.6841603	558662.7	4160307	WRKR_772	0.29	0.26	3.68	3.90
558662.6841603	558662.7	4160317	WRKR_773	0.30	0.28	3.76	4.00
558662.6841603	558662.7	4160327	WRKR_774	0.32	0.30	3.88	4.12
558662.6841603	558662.7	4160337	WRKR_775	0.35	0.33	4.03	4.30
558672.6841602	558672.7	4160297	WRKR_776	0.27	0.25	4.08	4.40
558672.6841603	558672.7	4160307	WRKR_777	0.29	0.26	4.17	4.49
558672.6841603	558672.7	4160317	WRKR_778	0.31	0.28	4.25	4.59
558672.6841603	558672.7	4160327	WRKR_779	0.33	0.31	4.35	4.70
558672.6841603	558672.7	4160337	WRKR_780	0.35	0.33	4.50	4.87
558543.5841602	558543.6	4160291	WRKR_781	0.24	0.22	1.53	1.54
558553.5841603	558553.6	4160301	WRKR_782	0.26	0.23	1.68	1.70
558553.5841603	558553.6	4160311	WRKR_783	0.27	0.24	1.75	1.78
558553.5841603	558553.6	4160321	WRKR_784	0.29	0.26	1.84	1.87
558553.5841603	558553.6	4160331	WRKR_785	0.31	0.28	1.94	1.97
558563.5841603	558563.6	4160301	WRKR_786	0.26	0.23	1.77	1.79
558563.5841603	558563.6	4160311	WRKR_787	0.27	0.24	1.85	1.88
558563.5841603	558563.6	4160321	WRKR_788	0.29	0.26	1.95	1.98
558563.5841603	558563.6	4160331	WRKR_789	0.31	0.28	2.05	2.09
558573.5841603	558573.6	4160301	WRKR_790	0.26	0.23	1.87	1.89
558573.5841603	558573.6	4160311	WRKR_791	0.28	0.24	1.96	1.99
558573.5841603	558573.6	4160321	WRKR_792	0.29	0.26	2.06	2.09
558573.5841603	558573.6	4160331	WRKR_793	0.31	0.28	2.17	2.21
558583.5841603	558583.6	4160301	WRKR_794	0.26	0.23	1.98	2.01
558583.5841603	558583.6	4160311	WRKR_795	0.28	0.25	2.07	2.10
558583.5841603	558583.6	4160321	WRKR_796	0.30	0.26	2.18	2.22
558583.5841603	558583.6	4160331	WRKR_797	0.32	0.28	2.30	2.34
558593.5841603	558593.6	4160331	WRKR_798	0.32	0.29	2.44	2.49
558455.3541603	558455.4	4160304	WRKR_799	0.27	0.25	1.03	1.04
558455.3541603	558455.4	4160314	WRKR_800	0.29	0.26	1.06	1.07
558455.3541603	558455.4	4160324	WRKR_801	0.30	0.28	1.10	1.11
558455.3541603	558455.4	4160334	WRKR_802	0.32	0.29	1.14	1.15
558455.3541603	558455.4	4160344	WRKR_803	0.34	0.31	1.18	1.19
558465.3541603	558465.4	4160304	WRKR_804	0.27	0.25	1.08	1.09
558465.3541603	558465.4	4160314	WRKR_805	0.28	0.26	1.12	1.12
558465.3541603	558465.4	4160324	WRKR_806	0.30	0.27	1.16	1.17
558465.3541603	558465.4	4160334	WRKR_807	0.32	0.29	1.20	1.21
558465.3541603	558465.4	4160344	WRKR_808	0.34	0.31	1.25	1.26
558475.3541603	558475.4	4160304	WRKR_809	0.27	0.24	1.13	1.14
558475.3541603	558475.4	4160314	WRKR_810	0.28	0.26	1.17	1.18
558475.3541603	558475.4	4160324	WRKR_811	0.30	0.27	1.22	1.23
558475.3541603	558475.4	4160334	WRKR_812	0.32	0.29	1.26	1.27
558475.3541603	558475.4	4160344	WRKR_813	0.34	0.31	1.32	1.33
558485.3541603	558485.4	4160304	WRKR_814	0.26	0.24	1.19	1.20
558485.3541603	558485.4	4160314	WRKR_815	0.28	0.25	1.23	1.24
558485.3541603	558485.4	4160324	WRKR_816	0.30	0.27	1.28	1.29

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558485.3541603	558485.4	4160334	WRKR_817	0.32	0.28	1.33	1.34
558485.3541603	558485.4	4160344	WRKR_818	0.34	0.30	1.39	1.40
558495.3541603	558495.4	4160304	WRKR_819	0.26	0.24	1.25	1.26
558495.3541603	558495.4	4160314	WRKR_820	0.28	0.25	1.30	1.31
558495.3541603	558495.4	4160324	WRKR_821	0.30	0.27	1.35	1.36
558495.3541603	558495.4	4160334	WRKR_822	0.31	0.28	1.41	1.42
558495.3541603	558495.4	4160344	WRKR_823	0.34	0.30	1.47	1.49
558505.3541603	558505.4	4160304	WRKR_824	0.26	0.24	1.32	1.33
558505.3541603	558505.4	4160314	WRKR_825	0.28	0.25	1.37	1.38
558505.3541603	558505.4	4160324	WRKR_826	0.29	0.26	1.43	1.44
558505.3541603	558505.4	4160334	WRKR_827	0.31	0.28	1.49	1.51
558515.3541603	558515.4	4160304	WRKR_828	0.26	0.23	1.39	1.40
558515.3541603	558515.4	4160314	WRKR_829	0.28	0.25	1.45	1.46
558515.3541603	558515.4	4160324	WRKR_830	0.29	0.26	1.51	1.52
558515.3541603	558515.4	4160334	WRKR_831	0.31	0.28	1.58	1.60
558525.3541603	558525.4	4160304	WRKR_832	0.26	0.23	1.46	1.48
558525.3541603	558525.4	4160314	WRKR_833	0.28	0.25	1.53	1.54
558525.3541603	558525.4	4160324	WRKR_834	0.29	0.26	1.60	1.61
558525.3541603	558525.4	4160334	WRKR_835	0.31	0.28	1.67	1.69
558535.3541603	558535.4	4160304	WRKR_836	0.26	0.23	1.54	1.56
558535.3541603	558535.4	4160314	WRKR_837	0.28	0.25	1.61	1.63
558535.3541603	558535.4	4160324	WRKR_838	0.29	0.26	1.69	1.71
558535.3541603	558535.4	4160334	WRKR_839	0.31	0.28	1.77	1.79
558616.6741602	558616.7	4160230	WRKR_840	0.18	0.15	1.87	1.89
558616.6741602	558616.7	4160240	WRKR_841	0.19	0.16	1.94	1.97
558616.6741602	558616.7	4160250	WRKR_842	0.20	0.17	2.02	2.05
558626.6741602	558626.7	4160230	WRKR_843	0.18	0.15	2.03	2.07
558626.6741602	558626.7	4160240	WRKR_844	0.19	0.16	2.11	2.15
558626.6741602	558626.7	4160250	WRKR_845	0.20	0.17	2.20	2.25
558636.6741602	558636.7	4160230	WRKR_846	0.18	0.16	2.23	2.28
558636.6741602	558636.7	4160240	WRKR_847	0.19	0.16	2.32	2.38
558636.6741602	558636.7	4160250	WRKR_848	0.20	0.17	2.42	2.48
558646.6741602	558646.7	4160230	WRKR_849	0.18	0.16	2.47	2.55
558646.6741602	558646.7	4160240	WRKR_850	0.19	0.16	2.58	2.66
558646.6741602	558646.7	4160250	WRKR_851	0.20	0.18	2.68	2.78
558656.6741602	558656.7	4160230	WRKR_852	0.18	0.16	2.78	2.89
558656.6741602	558656.7	4160240	WRKR_853	0.19	0.17	2.90	3.02
558666.6741602	558666.7	4160230	WRKR_854	0.18	0.16	3.17	3.33
558666.6741602	558666.7	4160240	WRKR_855	0.19	0.17	3.31	3.50
558676.6741602	558676.7	4160230	WRKR_856	0.18	0.16	3.66	3.93
558676.6741602	558676.7	4160240	WRKR_857	0.19	0.17	3.84	4.15
558686.6741602	558686.7	4160230	WRKR_858	0.18	0.16	4.32	4.76
558686.6741602	558686.7	4160240	WRKR_859	0.20	0.17	4.55	5.05
558696.6741602	558696.7	4160230	WRKR_860	0.19	0.16	5.20	5.98
558696.6741602	558696.7	4160240	WRKR_861	0.20	0.17	5.50	6.40
558706.6741602	558706.7	4160230	WRKR_862	0.19	0.17	6.40	7.87
558706.6741602	558706.7	4160240	WRKR_863	0.20	0.18	6.82	8.55
558716.6741602	558716.7	4160230	WRKR_864	0.19	0.17	8.07	11.03
558716.6741602	558716.7	4160240	WRKR_865	0.20	0.18	6.28	7.90
558420.2141602	558420.2	4160236	WRKR_866	0.21	0.20	0.71	0.72
558420.2141602	558420.2	4160246	WRKR_867	0.22	0.21	0.74	0.74
558420.2141602	558420.2	4160256	WRKR_868	0.23	0.22	0.76	0.76

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m3) @ 1 g/s			
XY	X	Y	Group	OFFROAD	OFF_DST	ONROAD	ONROAD_W
558430.2141602	558430.2	4160236	WRKR_869	0.21	0.20	0.74	0.75
558430.2141602	558430.2	4160246	WRKR_870	0.22	0.21	0.76	0.77
558430.2141602	558430.2	4160256	WRKR_871	0.23	0.22	0.79	0.79
558440.2141602	558440.2	4160236	WRKR_872	0.21	0.20	0.77	0.78
558440.2141602	558440.2	4160246	WRKR_873	0.21	0.20	0.80	0.80
558440.2141602	558440.2	4160256	WRKR_874	0.22	0.21	0.82	0.83
558450.2141602	558450.2	4160236	WRKR_875	0.20	0.19	0.80	0.81
558450.2141602	558450.2	4160246	WRKR_876	0.21	0.20	0.83	0.83
558450.2141602	558450.2	4160256	WRKR_877	0.22	0.21	0.85	0.86
558460.2141602	558460.2	4160236	WRKR_878	0.20	0.19	0.83	0.84
558460.2141602	558460.2	4160246	WRKR_879	0.21	0.19	0.86	0.87
558460.2141602	558460.2	4160256	WRKR_880	0.22	0.20	0.89	0.90
558470.2141602	558470.2	4160236	WRKR_881	0.20	0.18	0.87	0.87
558470.2141602	558470.2	4160246	WRKR_882	0.20	0.19	0.90	0.90
558470.2141602	558470.2	4160256	WRKR_883	0.21	0.20	0.93	0.94
558480.2141602	558480.2	4160236	WRKR_884	0.19	0.18	0.91	0.91
558480.2141602	558480.2	4160246	WRKR_885	0.20	0.19	0.94	0.94
558480.2141602	558480.2	4160256	WRKR_886	0.21	0.19	0.97	0.98
558490.2141602	558490.2	4160236	WRKR_887	0.19	0.18	0.95	0.95
558490.2141602	558490.2	4160246	WRKR_888	0.20	0.18	0.98	0.99
558490.2141602	558490.2	4160256	WRKR_889	0.21	0.19	1.02	1.02
558500.2141602	558500.2	4160236	WRKR_890	0.19	0.17	0.99	1.00
558500.2141602	558500.2	4160246	WRKR_891	0.20	0.18	1.03	1.03
558500.2141602	558500.2	4160256	WRKR_892	0.21	0.19	1.07	1.07
558510.2141602	558510.2	4160236	WRKR_893	0.19	0.17	1.04	1.05
558510.2141602	558510.2	4160246	WRKR_894	0.19	0.18	1.08	1.09
558510.2141602	558510.2	4160256	WRKR_895	0.20	0.19	1.12	1.13
558520.2141602	558520.2	4160236	WRKR_896	0.18	0.17	1.09	1.10
558520.2141602	558520.2	4160246	WRKR_897	0.19	0.18	1.13	1.14
558520.2141602	558520.2	4160256	WRKR_898	0.20	0.18	1.17	1.18
558530.2141602	558530.2	4160236	WRKR_899	0.18	0.17	1.14	1.15
558530.2141602	558530.2	4160246	WRKR_900	0.19	0.17	1.18	1.19
558530.2141602	558530.2	4160256	WRKR_901	0.20	0.18	1.23	1.24
558540.2141602	558540.2	4160236	WRKR_902	0.18	0.17	1.20	1.20
558540.2141602	558540.2	4160246	WRKR_903	0.19	0.17	1.24	1.25
558540.2141602	558540.2	4160256	WRKR_904	0.20	0.18	1.29	1.30
558550.2141602	558550.2	4160236	WRKR_905	0.18	0.16	1.26	1.27
558550.2141602	558550.2	4160246	WRKR_906	0.19	0.17	1.31	1.31
558550.2141602	558550.2	4160256	WRKR_907	0.20	0.18	1.36	1.37
558560.2141602	558560.2	4160236	WRKR_908	0.18	0.16	1.33	1.34
558560.2141602	558560.2	4160246	WRKR_909	0.19	0.17	1.38	1.39
558560.2141602	558560.2	4160256	WRKR_910	0.20	0.18	1.44	1.46
558570.2141602	558570.2	4160236	WRKR_911	0.18	0.16	1.40	1.41
558570.2141602	558570.2	4160246	WRKR_912	0.19	0.17	1.45	1.46
558570.2141602	558570.2	4160256	WRKR_913	0.20	0.18	1.52	1.53
558580.2141602	558580.2	4160236	WRKR_914	0.18	0.16	1.48	1.49
558580.2141602	558580.2	4160246	WRKR_915	0.19	0.17	1.54	1.55
558590.2141602	558590.2	4160236	WRKR_916	0.18	0.16	1.58	1.59
558590.2141602	558590.2	4160246	WRKR_917	0.19	0.17	1.64	1.66
558600.2141602	558600.2	4160246	WRKR_918	0.19	0.17	1.76	1.78

RESIDENTIAL CONCENTRATIONS & DOSE

					s	X	s	X		
					3rd Tri		0<2		2<16	
					Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)	
XY	X	Y	Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
557996.384160720.52	557996	4160721	WRKR_1	WORKER	1.95E-02	1.32E-06	1.79E-02	2.08E-06	1.79E-02	2.94E-06
557996.384160730.52	557996	4160731	WRKR_2	WORKER	1.92E-02	1.32E-06	1.77E-02	2.07E-06	1.77E-02	2.93E-06
557996.384160740.52	557996	4160741	WRKR_3	WORKER	1.86E-02	1.31E-06	1.72E-02	2.05E-06	1.72E-02	2.90E-06
558006.384160710.52	558006	4160711	WRKR_4	WORKER	2.23E-02	1.38E-06	2.05E-02	2.16E-06	2.05E-02	3.06E-06
558006.384160720.52	558006	4160721	WRKR_5	WORKER	2.20E-02	1.37E-06	2.02E-02	2.15E-06	2.02E-02	3.04E-06
558006.384160730.52	558006	4160731	WRKR_6	WORKER	2.15E-02	1.36E-06	1.98E-02	2.14E-06	1.98E-02	3.03E-06
558006.384160740.52	558006	4160741	WRKR_7	WORKER	2.10E-02	1.35E-06	1.93E-02	2.13E-06	1.93E-02	3.01E-06
558016.384160710.52	558016	4160711	WRKR_8	WORKER	2.54E-02	1.42E-06	2.33E-02	2.24E-06	2.33E-02	3.17E-06
558016.384160720.52	558016	4160721	WRKR_9	WORKER	2.49E-02	1.42E-06	2.29E-02	2.23E-06	2.29E-02	3.15E-06
558016.384160730.52	558016	4160731	WRKR_10	WORKER	2.43E-02	1.41E-06	2.24E-02	2.21E-06	2.24E-02	3.13E-06
558016.384160740.52	558016	4160741	WRKR_11	WORKER	2.35E-02	1.40E-06	2.16E-02	2.20E-06	2.16E-02	3.11E-06
558026.384160710.52	558026	4160711	WRKR_12	WORKER	2.89E-02	1.47E-06	2.66E-02	2.31E-06	2.66E-02	3.27E-06
558026.384160720.52	558026	4160721	WRKR_13	WORKER	2.85E-02	1.47E-06	2.62E-02	2.31E-06	2.62E-02	3.26E-06
558026.384160730.52	558026	4160731	WRKR_14	WORKER	2.76E-02	1.46E-06	2.54E-02	2.29E-06	2.54E-02	3.24E-06
558026.384160740.52	558026	4160741	WRKR_15	WORKER	2.66E-02	1.45E-06	2.45E-02	2.27E-06	2.45E-02	3.21E-06
558277.534160581.24	558278	4160581	WRKR_16	WORKER	7.66E-02	7.23E-06	7.05E-02	1.14E-05	7.05E-02	1.61E-05
558277.534160591.24	558278	4160591	WRKR_17	WORKER	9.24E-02	7.43E-06	8.50E-02	1.17E-05	8.50E-02	1.65E-05
558287.534160581.24	558288	4160581	WRKR_18	WORKER	7.46E-02	8.16E-06	6.87E-02	1.28E-05	6.87E-02	1.81E-05
558287.534160591.24	558288	4160591	WRKR_19	WORKER	8.89E-02	8.44E-06	8.18E-02	1.33E-05	8.18E-02	1.87E-05
558297.534160581.24	558298	4160581	WRKR_20	WORKER	7.21E-02	9.31E-06	6.63E-02	1.46E-05	6.63E-02	2.07E-05
558297.534160591.24	558298	4160591	WRKR_21	WORKER	8.55E-02	9.70E-06	7.87E-02	1.52E-05	7.87E-02	2.16E-05
558307.534160581.24	558308	4160581	WRKR_22	WORKER	6.90E-02	1.07E-05	6.35E-02	1.68E-05	6.35E-02	2.38E-05
558307.534160591.24	558308	4160591	WRKR_23	WORKER	8.22E-02	1.13E-05	7.57E-02	1.78E-05	7.57E-02	2.51E-05
558317.534160581.24	558318	4160581	WRKR_24	WORKER	6.61E-02	1.24E-05	6.08E-02	1.94E-05	6.08E-02	2.75E-05
558317.534160591.24	558318	4160591	WRKR_25	WORKER	7.90E-02	1.33E-05	7.27E-02	2.09E-05	7.27E-02	2.96E-05
558327.534160581.24	558328	4160581	WRKR_26	WORKER	6.33E-02	1.43E-05	5.82E-02	2.24E-05	5.82E-02	3.17E-05
558327.534160591.24	558328	4160591	WRKR_27	WORKER	7.58E-02	1.58E-05	6.97E-02	2.49E-05	6.97E-02	3.52E-05
558337.534160581.24	558338	4160581	WRKR_28	WORKER	6.00E-02	1.62E-05	5.53E-02	2.55E-05	5.53E-02	3.60E-05
558101.054160547.13	558101	4160547	WRKR_29	WORKER	3.39E-02	2.10E-06	3.12E-02	3.30E-06	3.12E-02	4.66E-06
558101.054160557.13	558101	4160557	WRKR_30	WORKER	3.70E-02	2.11E-06	3.41E-02	3.32E-06	3.41E-02	4.69E-06
558111.054160547.13	558111	4160547	WRKR_31	WORKER	3.61E-02	2.20E-06	3.32E-02	3.45E-06	3.32E-02	4.88E-06
558111.054160557.13	558111	4160557	WRKR_32	WORKER	3.96E-02	2.21E-06	3.64E-02	3.47E-06	3.64E-02	4.91E-06
558111.054160567.13	558111	4160567	WRKR_33	WORKER	4.35E-02	2.22E-06	4.00E-02	3.49E-06	4.00E-02	4.93E-06
558121.054160537.13	558121	4160537	WRKR_34	WORKER	3.49E-02	2.29E-06	3.21E-02	3.59E-06	3.21E-02	5.08E-06
558121.054160547.13	558121	4160547	WRKR_35	WORKER	3.83E-02	2.30E-06	3.52E-02	3.62E-06	3.52E-02	5.12E-06
558121.054160557.13	558121	4160557	WRKR_36	WORKER	4.22E-02	2.32E-06	3.88E-02	3.64E-06	3.88E-02	5.15E-06
558121.054160567.13	558121	4160567	WRKR_37	WORKER	4.66E-02	2.33E-06	4.29E-02	3.66E-06	4.29E-02	5.17E-06
558121.054160577.13	558121	4160577	WRKR_38	WORKER	5.17E-02	2.34E-06	4.75E-02	3.67E-06	4.75E-02	5.19E-06
558121.054160587.13	558121	4160587	WRKR_39	WORKER	5.75E-02	2.34E-06	5.29E-02	3.68E-06	5.29E-02	5.20E-06
558131.054160527.13	558131	4160527	WRKR_40	WORKER	3.33E-02	2.38E-06	3.06E-02	3.74E-06	3.06E-02	5.29E-06
558131.054160537.13	558131	4160537	WRKR_41	WORKER	3.66E-02	2.40E-06	3.37E-02	3.77E-06	3.37E-02	5.33E-06
558131.054160547.13	558131	4160547	WRKR_42	WORKER	4.04E-02	2.42E-06	3.72E-02	3.80E-06	3.72E-02	5.37E-06
558131.054160557.13	558131	4160557	WRKR_43	WORKER	4.48E-02	2.43E-06	4.12E-02	3.82E-06	4.12E-02	5.41E-06
558131.054160567.13	558131	4160567	WRKR_44	WORKER	4.97E-02	2.45E-06	4.58E-02	3.84E-06	4.58E-02	5.43E-06
558131.054160577.13	558131	4160577	WRKR_45	WORKER	5.55E-02	2.45E-06	5.11E-02	3.86E-06	5.11E-02	5.45E-06
558131.054160587.13	558131	4160587	WRKR_46	WORKER	6.21E-02	2.46E-06	5.72E-02	3.86E-06	5.72E-02	5.47E-06
558131.054160597.13	558131	4160597	WRKR_47	WORKER	6.97E-02	2.46E-06	6.41E-02	3.87E-06	6.41E-02	5.47E-06
558141.054160527.13	558141	4160527	WRKR_48	WORKER	3.47E-02	2.50E-06	3.19E-02	3.93E-06	3.19E-02	5.56E-06
558141.054160537.13	558141	4160537	WRKR_49	WORKER	3.83E-02	2.52E-06	3.53E-02	3.96E-06	3.53E-02	5.60E-06
558141.054160547.13	558141	4160547	WRKR_50	WORKER	4.25E-02	2.54E-06	3.91E-02	3.99E-06	3.91E-02	5.65E-06
558141.054160557.13	558141	4160557	WRKR_51	WORKER	4.74E-02	2.56E-06	4.36E-02	4.02E-06	4.36E-02	5.68E-06
558141.054160567.13	558141	4160567	WRKR_52	WORKER	5.30E-02	2.57E-06	4.88E-02	4.04E-06	4.88E-02	5.72E-06
558141.054160577.13	558141	4160577	WRKR_53	WORKER	5.95E-02	2.58E-06	5.48E-02	4.06E-06	5.48E-02	5.74E-06
558141.054160587.13	558141	4160587	WRKR_54	WORKER	6.70E-02	2.59E-06	6.16E-02	4.07E-06	6.16E-02	5.76E-06
558141.054160597.13	558141	4160597	WRKR_55	WORKER	7.56E-02	2.59E-06	6.95E-02	4.07E-06	6.95E-02	5.76E-06
558141.054160607.13	558141	4160607	WRKR_56	WORKER	8.53E-02	2.59E-06	7.85E-02	4.07E-06	7.85E-02	5.75E-06
558151.054160537.13	558151	4160537	WRKR_57	WORKER	3.99E-02	2.65E-06	3.68E-02	4.17E-06	3.68E-02	5.90E-06
558151.054160547.13	558151	4160547	WRKR_58	WORKER	4.45E-02	2.68E-06	4.10E-02	4.20E-06	4.10E-02	5.95E-06
558151.054160557.13	558151	4160557	WRKR_59	WORKER	4.99E-02	2.70E-06	4.60E-02	4.24E-06	4.60E-02	5.99E-06
558151.054160567.13	558151	4160567	WRKR_60	WORKER	5.63E-02	2.71E-06	5.18E-02	4.26E-06	5.18E-02	6.03E-06
558151.054160577.13	558151	4160577	WRKR_61	WORKER	6.36E-02	2.73E-06	5.85E-02	4.28E-06	5.85E-02	6.06E-06
558151.054160587.13	558151	4160587	WRKR_62	WORKER	7.21E-02	2.73E-06	6.63E-02	4.30E-06	6.63E-02	6.08E-06
558151.054160597.13	558151	4160597	WRKR_63	WORKER	8.26E-02	2.74E-06	7.60E-02	4.30E-06	7.60E-02	6.09E-06
558151.054160607.13	558151	4160607	WRKR_64	WORKER	9.47E-02	2.74E-06	8.71E-02	4.30E-06	8.71E-02	6.08E-06
558151.054160617.13	558151	4160617	WRKR_65	WORKER	1.08E-01	2.73E-06	9.95E-02	4.29E-06	9.95E-02	6.06E-06
558161.054160547.13	558161	4160547	WRKR_66	WORKER	4.69E-02	2.82E-06	4.31E-02	4.44E-06	4.31E-02	6.27E-06
558161.054160557.13	558161	4160557	WRKR_67	WORKER	5.25E-02	2.85E-06	4.83E-02	4.47E-06	4.83E-02	6.32E-06
558161.054160567.13	558161	4160567	WRKR_68	WORKER	5.95E-02	2.87E-06	5.48E-02	4.50E-06	5.48E-02	6.37E-06
558161.054160577.13	558161	4160577	WRKR_69	WORKER	6.78E-02	2.88E-06	6.24E-02	4.53E-06	6.24E-02	6.40E-06
558161.054160587.13	558161	4160587	WRKR_70	WORKER	7.74E-02	2.89E-06	7.12E-02	4.55E-06	7.12E-02	6.43E-06
558161.054160597.13	558161	4160597	WRKR_71	WORKER	9.06E-02	2.90E-06	8.33E-02	4.55E-06	8.33E-02	6.44E-06
558161.054160607.13	558161	4160607	WRKR_72	WORKER	1.04E-01	2.89E-06	9.53E-02	4.55E-06	9.53E-02	6.43E-06
558171.054160557.13	558171	4160557	WRKR_73	WORKER	5.55E-02	3.01E-06	5.10E-02	4.73E-06	5.10E-02	6.69E-06
558171.054160567.13	558171	4160567	WRKR_74	WORKER	6.26E-02	3.03E-06	5.76E-02	4.77E-06	5.76E-02	6.74E-06
558171.054160577.13	558171	4160577	WRKR_75	WORKER	7.19E-02	3.05E-06	6.61E-02	4.80E-06	6.61E-02	6.78E-06
558171.054160587.13	558171	4160587	WRKR_76	WORKER	8.27E-02	3.07E-06	7.61E-02	4.82E-06	7.61E-02	6.81E-06
558171.054160597.13	558171	4160597	WRKR_77	WORKER	9.78E-02	3.07E-06	9.00E-02	4.83E-06	9.00E-02	6.83E-06
558181.054160567.13	558181	4160567	WRKR_78	WORKER	6.62E-02	3.22E-06	6.10E-02	5.06E-06	6.10E-02	7.16E-06
558181.054160577.13	558181	4160577	WRKR_79	WORKER	7.60E-02	3.24E-06	6.99E-02	5.10E-06	6.99E-02	7.21E-06
558181.054160587.13	558181	4160587	WRKR_80	WORKER	8.83E-02	3.26E-06	8.12E-02	5.12E-06	8.12E-02	7.24E-06
558191.054160577.13	558191	4160577	WRKR_81	WORKER	7.93E-02	3.44E-06	7.29E-02	5.40E-06	7.29E-02	7.64E-06
558368.544160582.33	558369	4160582	WRKR_82	WORKER	5.29E-02	2.26E-05	4.87E-02	3.55E-05	4.87E-02	5.02E-05
558378.544160582.33	558379	4160582	WRKR_83	WORKER	5.01E-02	2.38E-05	4.61E-02	3.74E-05	4.61E-02	5.28E-05
558378.544160592.33	558379	4160592	WRKR_84	WORKER	5.67E-02	2.90E-05	5.22E-02	4.55E-05	5.22E-02	6.43E-05
558378.544160602.33	558379	4160602	WRKR_85	WORKER	6.39E-02	3.54E-05	5.88E-02	5.57E-05	5.88E-02	7.88E-05
558378.544160612.33	558379	4160612	WRKR_86	WORKER	7.45E-02	4.75E-05	6.85E-02	7.46E-05	6.85E-02	1.06E-04
558388.544160582.33	558389	4160582	WRKR_87	WORKER	4.68E-02	2.49E-05	4.31E-02	3.92E-05	4.31E-02	5.54E-05
558388.544160592.33	558389	4160592	WRKR_88	WORKER	5.26E-02	3.06E-05	4.84E-02	4.81E-05	4.84E-02	6.81E-05

RESIDENTIAL CONCENTRATIONS & DOSE

					s	X	s	X		
					3rd Tri		0<2		2<16	
					Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)	
XY	X	Y	Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558388.544160602.33	558389	4160602	WRKR_89	WORKER	5.89E-02	3.77E-05	5.42E-02	5.93E-05	5.42E-02	8.38E-05
558388.544160612.33	558389	4160612	WRKR_90	WORKER	6.85E-02	3.35E-05	6.30E-02	5.27E-05	6.30E-02	7.45E-05
558398.544160582.33	558399	4160582	WRKR_91	WORKER	4.32E-02	2.63E-05	3.98E-02	4.13E-05	3.98E-02	5.85E-05
558398.544160592.33	558399	4160592	WRKR_92	WORKER	4.84E-02	3.17E-05	4.45E-02	4.97E-05	4.45E-02	7.03E-05
558398.544160602.33	558399	4160602	WRKR_93	WORKER	5.45E-02	3.99E-05	5.01E-02	6.26E-05	5.01E-02	8.86E-05
558398.544160612.33	558399	4160612	WRKR_94	WORKER	6.26E-02	3.72E-05	5.76E-02	5.84E-05	5.76E-02	8.26E-05
557976.094160490.12	557976	4160490	HLTN_1	RESIDENT	1.05E-02	1.26E-06	9.65E-03	1.98E-06	9.65E-03	2.80E-06
557976.094160500.12	557976	4160500	HLTN_2	RESIDENT	1.09E-02	1.27E-06	1.00E-02	1.99E-06	1.00E-02	2.82E-06
557976.094160510.12	557976	4160510	HLTN_3	RESIDENT	1.14E-02	1.28E-06	1.05E-02	2.01E-06	1.05E-02	2.84E-06
557976.094160520.12	557976	4160520	HLTN_4	RESIDENT	1.18E-02	1.28E-06	1.09E-02	2.02E-06	1.09E-02	2.85E-06
557976.094160530.12	557976	4160530	HLTN_5	RESIDENT	1.22E-02	1.29E-06	1.12E-02	2.03E-06	1.12E-02	2.87E-06
557986.094160480.12	557986	4160480	HLTN_6	RESIDENT	1.08E-02	1.29E-06	9.95E-03	2.03E-06	9.95E-03	2.87E-06
557986.094160490.12	557986	4160490	HLTN_7	RESIDENT	1.14E-02	1.31E-06	1.05E-02	2.05E-06	1.05E-02	2.90E-06
557986.094160500.12	557986	4160500	HLTN_8	RESIDENT	1.18E-02	1.31E-06	1.09E-02	2.06E-06	1.09E-02	2.92E-06
557986.094160510.12	557986	4160510	HLTN_9	RESIDENT	1.23E-02	1.32E-06	1.13E-02	2.08E-06	1.13E-02	2.94E-06
557986.094160520.12	557986	4160520	HLTN_10	RESIDENT	1.27E-02	1.33E-06	1.17E-02	2.09E-06	1.17E-02	2.95E-06
557986.094160530.12	557986	4160530	HLTN_11	RESIDENT	1.32E-02	1.34E-06	1.21E-02	2.10E-06	1.21E-02	2.97E-06
557996.094160480.12	557996	4160480	HLTN_12	RESIDENT	1.17E-02	1.34E-06	1.08E-02	2.11E-06	1.08E-02	2.98E-06
557996.094160490.12	557996	4160490	HLTN_13	RESIDENT	1.22E-02	1.35E-06	1.12E-02	2.12E-06	1.12E-02	3.00E-06
557996.094160500.12	557996	4160500	HLTN_14	RESIDENT	1.26E-02	1.36E-06	1.16E-02	2.14E-06	1.16E-02	3.02E-06
557996.094160510.12	557996	4160510	HLTN_15	RESIDENT	1.32E-02	1.37E-06	1.21E-02	2.15E-06	1.21E-02	3.04E-06
557996.094160520.12	557996	4160520	HLTN_16	RESIDENT	1.37E-02	1.37E-06	1.26E-02	2.16E-06	1.26E-02	3.06E-06
557996.094160530.12	557996	4160530	HLTN_17	RESIDENT	1.42E-02	1.38E-06	1.31E-02	2.17E-06	1.31E-02	3.07E-06
557996.094160540.12	557996	4160540	HLTN_18	RESIDENT	1.48E-02	1.39E-06	1.36E-02	2.18E-06	1.36E-02	3.08E-06
557996.094160550.12	557996	4160550	HLTN_19	RESIDENT	1.53E-02	1.39E-06	1.41E-02	2.19E-06	1.41E-02	3.09E-06
557996.094160560.12	557996	4160560	HLTN_20	RESIDENT	1.59E-02	1.40E-06	1.46E-02	2.19E-06	1.46E-02	3.10E-06
557996.094160570.12	557996	4160570	HLTN_21	RESIDENT	1.64E-02	1.40E-06	1.51E-02	2.20E-06	1.51E-02	3.11E-06
558006.094160480.12	558006	4160480	HLTN_22	RESIDENT	1.24E-02	1.39E-06	1.14E-02	2.18E-06	1.14E-02	3.08E-06
558006.094160490.12	558006	4160490	HLTN_23	RESIDENT	1.30E-02	1.40E-06	1.19E-02	2.20E-06	1.19E-02	3.11E-06
558006.094160500.12	558006	4160500	HLTN_24	RESIDENT	1.35E-02	1.41E-06	1.24E-02	2.21E-06	1.24E-02	3.13E-06
558006.094160510.12	558006	4160510	HLTN_25	RESIDENT	1.41E-02	1.41E-06	1.30E-02	2.22E-06	1.30E-02	3.14E-06
558006.094160520.12	558006	4160520	HLTN_26	RESIDENT	1.47E-02	1.42E-06	1.35E-02	2.24E-06	1.35E-02	3.16E-06
558006.094160530.12	558006	4160530	HLTN_27	RESIDENT	1.53E-02	1.43E-06	1.41E-02	2.25E-06	1.41E-02	3.18E-06
558006.094160540.12	558006	4160540	HLTN_28	RESIDENT	1.60E-02	1.44E-06	1.47E-02	2.26E-06	1.47E-02	3.19E-06
558006.094160550.12	558006	4160550	HLTN_29	RESIDENT	1.66E-02	1.44E-06	1.53E-02	2.26E-06	1.53E-02	3.20E-06
558006.094160560.12	558006	4160560	HLTN_30	RESIDENT	1.73E-02	1.45E-06	1.59E-02	2.27E-06	1.59E-02	3.21E-06
558006.094160570.12	558006	4160570	HLTN_31	RESIDENT	1.79E-02	1.45E-06	1.65E-02	2.27E-06	1.65E-02	3.22E-06
558016.094160480.12	558016	4160480	HLTN_32	RESIDENT	1.32E-02	1.44E-06	1.21E-02	2.26E-06	1.21E-02	3.19E-06
558016.094160490.12	558016	4160490	HLTN_33	RESIDENT	1.38E-02	1.45E-06	1.27E-02	2.27E-06	1.27E-02	3.21E-06
558016.094160500.12	558016	4160500	HLTN_34	RESIDENT	1.44E-02	1.46E-06	1.33E-02	2.29E-06	1.33E-02	3.24E-06
558016.094160510.12	558016	4160510	HLTN_35	RESIDENT	1.51E-02	1.46E-06	1.39E-02	2.30E-06	1.39E-02	3.25E-06
558016.094160520.12	558016	4160520	HLTN_36	RESIDENT	1.58E-02	1.47E-06	1.46E-02	2.31E-06	1.46E-02	3.27E-06
558016.094160530.12	558016	4160530	HLTN_37	RESIDENT	1.65E-02	1.48E-06	1.52E-02	2.33E-06	1.52E-02	3.29E-06
558016.094160540.12	558016	4160540	HLTN_38	RESIDENT	1.73E-02	1.49E-06	1.59E-02	2.34E-06	1.59E-02	3.31E-06
558016.094160550.12	558016	4160550	HLTN_39	RESIDENT	1.81E-02	1.49E-06	1.66E-02	2.35E-06	1.66E-02	3.32E-06
558016.094160560.12	558016	4160560	HLTN_40	RESIDENT	1.89E-02	1.50E-06	1.74E-02	2.35E-06	1.74E-02	3.33E-06
558016.094160570.12	558016	4160570	HLTN_41	RESIDENT	1.97E-02	1.50E-06	1.81E-02	2.36E-06	1.81E-02	3.34E-06
558026.094160480.12	558026	4160480	HLTN_42	RESIDENT	1.40E-02	1.49E-06	1.29E-02	2.34E-06	1.29E-02	3.31E-06
558026.094160490.12	558026	4160490	HLTN_43	RESIDENT	1.47E-02	1.50E-06	1.35E-02	2.35E-06	1.35E-02	3.33E-06
558026.094160500.12	558026	4160500	HLTN_44	RESIDENT	1.54E-02	1.51E-06	1.42E-02	2.37E-06	1.42E-02	3.35E-06
558026.094160510.12	558026	4160510	HLTN_45	RESIDENT	1.62E-02	1.51E-06	1.49E-02	2.38E-06	1.49E-02	3.37E-06
558026.094160520.12	558026	4160520	HLTN_46	RESIDENT	1.70E-02	1.52E-06	1.56E-02	2.40E-06	1.56E-02	3.39E-06
558026.094160530.12	558026	4160530	HLTN_47	RESIDENT	1.78E-02	1.54E-06	1.64E-02	2.41E-06	1.64E-02	3.41E-06
558026.094160540.12	558026	4160540	HLTN_48	RESIDENT	1.87E-02	1.54E-06	1.72E-02	2.43E-06	1.72E-02	3.43E-06
558026.094160550.12	558026	4160550	HLTN_49	RESIDENT	1.97E-02	1.55E-06	1.81E-02	2.44E-06	1.81E-02	3.44E-06
558026.094160560.12	558026	4160560	HLTN_50	RESIDENT	2.06E-02	1.55E-06	1.90E-02	2.44E-06	1.90E-02	3.45E-06
558026.094160570.12	558026	4160570	HLTN_51	RESIDENT	2.16E-02	1.56E-06	1.99E-02	2.45E-06	1.99E-02	3.46E-06
558036.094160480.12	558036	4160480	HLTN_52	RESIDENT	1.48E-02	1.54E-06	1.36E-02	2.42E-06	1.36E-02	3.42E-06
558036.094160490.12	558036	4160490	HLTN_53	RESIDENT	1.56E-02	1.55E-06	1.44E-02	2.44E-06	1.44E-02	3.45E-06
558036.094160500.12	558036	4160500	HLTN_54	RESIDENT	1.63E-02	1.56E-06	1.50E-02	2.45E-06	1.50E-02	3.46E-06
558036.094160510.12	558036	4160510	HLTN_55	RESIDENT	1.70E-02	1.57E-06	1.56E-02	2.46E-06	1.56E-02	3.48E-06
558036.094160520.12	558036	4160520	HLTN_56	RESIDENT	1.80E-02	1.58E-06	1.66E-02	2.48E-06	1.66E-02	3.51E-06
558036.094160530.12	558036	4160530	HLTN_57	RESIDENT	1.92E-02	1.59E-06	1.77E-02	2.50E-06	1.77E-02	3.54E-06
558036.094160540.12	558036	4160540	HLTN_58	RESIDENT	2.03E-02	1.60E-06	1.87E-02	2.52E-06	1.87E-02	3.56E-06
558036.094160550.12	558036	4160550	HLTN_59	RESIDENT	2.14E-02	1.61E-06	1.97E-02	2.53E-06	1.97E-02	3.58E-06
558036.094160560.12	558036	4160560	HLTN_60	RESIDENT	2.25E-02	1.61E-06	2.07E-02	2.54E-06	2.07E-02	3.59E-06
558046.094160480.12	558046	4160480	HLTN_61	RESIDENT	1.53E-02	1.59E-06	1.41E-02	2.49E-06	1.41E-02	3.53E-06
558046.094160490.12	558046	4160490	HLTN_62	RESIDENT	1.61E-02	1.60E-06	1.48E-02	2.51E-06	1.48E-02	3.55E-06
558046.094160500.12	558046	4160500	HLTN_63	RESIDENT	1.70E-02	1.61E-06	1.56E-02	2.53E-06	1.56E-02	3.57E-06
558046.094160510.12	558046	4160510	HLTN_64	RESIDENT	1.79E-02	1.62E-06	1.64E-02	2.54E-06	1.64E-02	3.59E-06
558046.094160520.12	558046	4160520	HLTN_65	RESIDENT	1.92E-02	1.64E-06	1.76E-02	2.57E-06	1.76E-02	3.64E-06
558046.094160530.12	558046	4160530	HLTN_66	RESIDENT	2.07E-02	1.65E-06	1.91E-02	2.60E-06	1.91E-02	3.68E-06
558046.094160540.12	558046	4160540	HLTN_67	RESIDENT	2.19E-02	1.66E-06	2.02E-02	2.62E-06	2.02E-02	3.70E-06
558046.094160550.12	558046	4160550	HLTN_68	RESIDENT	2.32E-02	1.67E-06	2.14E-02	2.63E-06	2.14E-02	3.72E-06
558056.094160480.12	558056	4160480	HLTN_69	RESIDENT	1.60E-02	1.64E-06	1.47E-02	2.58E-06	1.47E-02	3.65E-06
558056.094160490.12	558056	4160490	HLTN_70	RESIDENT	1.69E-02	1.65E-06	1.55E-02	2.60E-06	1.55E-02	3.67E-06
558056.094160500.12	558056	4160500	HLTN_71	RESIDENT	1.78E-02	1.66E-06	1.64E-02	2.61E-06	1.64E-02	3.69E-06
558056.094160510.12	558056	4160510	HLTN_72	RESIDENT	1.89E-02	1.67E-06	1.74E-02	2.63E-06	1.74E-02	3.72E-06
558056.094160520.12	558056	4160520	HLTN_73	RESIDENT	2.05E-02	1.70E-06	1.89E-02	2.67E-06	1.89E-02	3.78E-06
558056.094160530.12	558056	4160530	HLTN_74	RESIDENT	2.23E-02	1.72E-06	2.05E-02	2.70E-06	2.05E-02	3.82E-06
558056.094160540.12	558056	4160540	HLTN_75	RESIDENT	2.37E-02	1.73E-06	2.18E-02	2.72E-06	2.18E-02	3.85E-06
558066.094160480.12	558066	4160480	HLTN_76	RESIDENT	1.74E-02	1.72E-06	1.60E-02	2.71E-06	1.60E-02	3.83E-06
558066.094160490.12	558066	4160490	HLTN_77	RESIDENT	1.84E-02	1.73E-06	1.69E-02	2.73E-06	1.69E-02	3.85E-06
558066.094160500.12	558066	4160500	HLTN_78	RESIDENT	1.90E-02	1.73E-06	1.75E-02	2.72E-06	1.75E-02	3.85E-06
558066.094160510.12	558066	4160510	HLTN_79	RESIDENT	2.06E-02	1.76E-06	1.89E-02	2.76E-06	1.89E-02	3.91E-06
558066.094160520.12	558066	4160520	HLTN_80	RESIDENT	2.23E-02	1.78E-06	2.06E-02	2.79E-06	2.06E-02	3.95E-06
558066.094160530.12	558066	4160530	HLTN_81	RESIDENT	2.38E-02	1.79E-06	2.19E-02	2.82E-06	2.19E-02	3.98E-06
558076.094160480.12	558076	4160480	HLTN_82	RESIDENT	1.82E-02	1.80E-06	1.67E-02	2.82E-06	1.67E-02	3.99E-06
558076.094160490.12	558076	4160490	HLTN_83	RESIDENT	1.94E-02	1.81E-06	1.79E-02	2.84E-06	1.79E-02	4.02E-06
558076.094160500.12	558076	4160500	HLTN_84	RESIDENT	2.00E-02	1.80E-06	1.84E-02	2.84E-06	1.84E-02	4.01E-06
558076.094160510.12	558076	4160510	HLTN_85	RESIDENT	2.22E-02	1.84E-06	2.04E-02	2.88E-06	2.04E-02	4.08E-06
558076.094160520.12	558076	4160520	HLTN_86	RESIDENT	2.37E-02	1.85E-06	2.18E-02	2.91E-06	2.18E-02	4.12E-06
558086.094160490.12	558086	4160490	HLTN_87	RESIDENT	2.02E-02	1.88E-06	1.86E-02	2.95E-06	1.86E-02	4.18E-06
558086.094160500.12	558086	4160500	HLTN_88	RESIDENT	2.13E-02	1.89E-06	1.96E-02	2.97E-06	1.96E-02	4.20E-06
558086.094160510.12	558086	4160510	HLTN_89	RESIDENT	2.34E-02	1.91E-06	2.15E-02	3.01E-06	2.15E-02	4.26E-06
558096.094160490.12	558096	4160490	HLTN_90	RESIDENT	2.09E-02	1.96E-06	1.93E-02	3.08E-06	1.93E-02	4.35E-06
558096.094160500.12	558096	4160500	HLTN_91	RESIDENT	2.29E-02	1.98E-06	2.10E-02	3.11E-06	2.10E-02	4.40E-06
558186.784160496.28	558187	4160496	WRKR_95	WORKER	2.65E-02	3.06E-06	2.44E-02	4.80E-06	2.44E-02	6.79E-06
558186.784160506.28	558187	4160506	WRKR_96	WORKER	2.91E-02	3.08E-06	2.68E-02	4.83E-06	2.68E-02	6.83E-06
558196.784160496.28	558197	4160496	WRKR_97	WORKER	2.65E-02	3.25E-06	2.44E-02	5.10E-06	2.44E-02	7.22E-06
558196.784160506.28	558197	4160506	WRKR_98	WORKER	2.90E-02	3.27E-06	2.67E-02	5.14E-06	2.67E-02	7.27E-06
558196.784160516.28	558197	4160516	WRKR_99	WORKER	3.23E-02	3.30E-06	2.97E-02	5.18E-06	2.97E-02	7.33E-06
558196.784160526.28	558197	4160526	WRKR_100	WORKER	3.66E-02	3.35E-06	3.37E-02	5.26E-06	3.37E-02	7.44E-06

RESIDENTIAL CONCENTRATIONS & DOSE

					s	X	s	X		
					3rd Tri		0<2		2<16	
					Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)	
XY	X	Y	Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558206.784160506.28	558207	4160506	WRKR_101	WORKER	2.90E-02	3.50E-06	2.67E-02	5.49E-06	2.67E-02	7.77E-06
558206.784160516.28	558207	4160516	WRKR_102	WORKER	3.23E-02	3.54E-06	2.97E-02	5.56E-06	2.97E-02	7.87E-06
558206.784160526.28	558207	4160526	WRKR_103	WORKER	3.62E-02	3.58E-06	3.33E-02	5.62E-06	3.33E-02	7.95E-06
558206.784160536.28	558207	4160536	WRKR_104	WORKER	4.14E-02	3.63E-06	3.81E-02	5.71E-06	3.81E-02	8.07E-06
558216.784160516.28	558217	4160516	WRKR_105	WORKER	3.20E-02	3.79E-06	2.95E-02	5.95E-06	2.95E-02	8.41E-06
558216.784160526.28	558217	4160526	WRKR_106	WORKER	3.58E-02	3.84E-06	3.30E-02	6.03E-06	3.30E-02	8.53E-06
558216.784160536.28	558217	4160536	WRKR_107	WORKER	4.05E-02	3.89E-06	3.73E-02	6.11E-06	3.73E-02	8.64E-06
558216.784160546.28	558217	4160546	WRKR_108	WORKER	4.65E-02	3.94E-06	4.28E-02	6.18E-06	4.28E-02	8.74E-06
558226.784160526.28	558227	4160526	WRKR_109	WORKER	3.53E-02	4.12E-06	3.25E-02	6.47E-06	3.25E-02	9.15E-06
558226.784160536.28	558227	4160536	WRKR_110	WORKER	4.01E-02	4.18E-06	3.69E-02	6.57E-06	3.69E-02	9.29E-06
558226.784160546.28	558227	4160546	WRKR_111	WORKER	4.59E-02	4.25E-06	4.23E-02	6.68E-06	4.23E-02	9.44E-06
558236.784160536.28	558237	4160536	WRKR_112	WORKER	3.90E-02	4.51E-06	3.59E-02	7.08E-06	3.59E-02	1.00E-05
558115.174160402.59	558115	4160403	WRKR_113	WORKER	1.23E-02	1.96E-06	1.13E-02	3.08E-06	1.13E-02	4.36E-06
558115.174160412.59	558115	4160413	WRKR_114	WORKER	1.31E-02	1.98E-06	1.20E-02	3.12E-06	1.20E-02	4.41E-06
558115.174160422.59	558115	4160423	WRKR_115	WORKER	1.40E-02	2.00E-06	1.29E-02	3.15E-06	1.29E-02	4.45E-06
558115.174160432.59	558115	4160433	WRKR_116	WORKER	1.50E-02	2.02E-06	1.38E-02	3.18E-06	1.38E-02	4.50E-06
558115.174160442.59	558115	4160443	WRKR_117	WORKER	1.60E-02	2.05E-06	1.48E-02	3.21E-06	1.48E-02	4.54E-06
558125.174160392.59	558125	4160393	WRKR_118	WORKER	1.16E-02	2.02E-06	1.07E-02	3.18E-06	1.07E-02	4.49E-06
558125.174160402.59	558125	4160403	WRKR_119	WORKER	1.24E-02	2.04E-06	1.14E-02	3.21E-06	1.14E-02	4.54E-06
558125.174160412.59	558125	4160413	WRKR_120	WORKER	1.32E-02	2.07E-06	1.22E-02	3.25E-06	1.22E-02	4.59E-06
558125.174160422.59	558125	4160423	WRKR_121	WORKER	1.42E-02	2.09E-06	1.31E-02	3.28E-06	1.31E-02	4.64E-06
558125.174160432.59	558125	4160433	WRKR_122	WORKER	1.52E-02	2.11E-06	1.40E-02	3.32E-06	1.40E-02	4.69E-06
558125.174160442.59	558125	4160443	WRKR_123	WORKER	1.63E-02	2.14E-06	1.50E-02	3.36E-06	1.50E-02	4.74E-06
558135.174160372.59	558135	4160373	WRKR_124	WORKER	1.03E-02	2.05E-06	9.45E-03	3.23E-06	9.45E-03	4.56E-06
558135.174160382.59	558135	4160383	WRKR_125	WORKER	1.09E-02	2.08E-06	1.01E-02	3.27E-06	1.01E-02	4.62E-06
558135.174160392.59	558135	4160393	WRKR_126	WORKER	1.17E-02	2.11E-06	1.07E-02	3.31E-06	1.07E-02	4.68E-06
558135.174160402.59	558135	4160403	WRKR_127	WORKER	1.25E-02	2.13E-06	1.15E-02	3.35E-06	1.15E-02	4.73E-06
558135.174160412.59	558135	4160413	WRKR_128	WORKER	1.34E-02	2.16E-06	1.23E-02	3.39E-06	1.23E-02	4.79E-06
558135.174160422.59	558135	4160423	WRKR_129	WORKER	1.43E-02	2.18E-06	1.32E-02	3.43E-06	1.32E-02	4.85E-06
558135.174160432.59	558135	4160433	WRKR_130	WORKER	1.54E-02	2.21E-06	1.42E-02	3.47E-06	1.42E-02	4.90E-06
558135.174160442.59	558135	4160443	WRKR_131	WORKER	1.66E-02	2.23E-06	1.53E-02	3.51E-06	1.53E-02	4.96E-06
558145.174160372.59	558145	4160373	WRKR_132	WORKER	1.03E-02	2.14E-06	9.44E-03	3.36E-06	9.44E-03	4.75E-06
558145.174160382.59	558145	4160383	WRKR_133	WORKER	1.09E-02	2.17E-06	1.01E-02	3.41E-06	1.01E-02	4.82E-06
558145.174160392.59	558145	4160393	WRKR_134	WORKER	1.17E-02	2.20E-06	1.08E-02	3.45E-06	1.08E-02	4.88E-06
558145.174160402.59	558145	4160403	WRKR_135	WORKER	1.25E-02	2.22E-06	1.15E-02	3.49E-06	1.15E-02	4.94E-06
558145.174160412.59	558145	4160413	WRKR_136	WORKER	1.34E-02	2.25E-06	1.23E-02	3.54E-06	1.23E-02	5.00E-06
558145.174160422.59	558145	4160423	WRKR_137	WORKER	1.44E-02	2.28E-06	1.33E-02	3.58E-06	1.33E-02	5.07E-06
558145.174160432.59	558145	4160433	WRKR_138	WORKER	1.55E-02	2.31E-06	1.43E-02	3.63E-06	1.43E-02	5.13E-06
558145.174160442.59	558145	4160443	WRKR_139	WORKER	1.67E-02	2.34E-06	1.54E-02	3.67E-06	1.54E-02	5.19E-06
558155.174160372.59	558155	4160373	WRKR_140	WORKER	1.02E-02	2.23E-06	9.40E-03	3.50E-06	9.40E-03	4.95E-06
558155.174160382.59	558155	4160383	WRKR_141	WORKER	1.09E-02	2.26E-06	1.00E-02	3.55E-06	1.00E-02	5.03E-06
558155.174160392.59	558155	4160393	WRKR_142	WORKER	1.17E-02	2.29E-06	1.07E-02	3.60E-06	1.07E-02	5.09E-06
558155.174160402.59	558155	4160403	WRKR_143	WORKER	1.25E-02	2.32E-06	1.15E-02	3.65E-06	1.15E-02	5.16E-06
558155.174160412.59	558155	4160413	WRKR_144	WORKER	1.34E-02	2.35E-06	1.23E-02	3.70E-06	1.23E-02	5.23E-06
558155.174160422.59	558155	4160423	WRKR_145	WORKER	1.44E-02	2.38E-06	1.33E-02	3.75E-06	1.33E-02	5.30E-06
558155.174160432.59	558155	4160433	WRKR_146	WORKER	1.56E-02	2.42E-06	1.43E-02	3.80E-06	1.43E-02	5.37E-06
558155.174160442.59	558155	4160443	WRKR_147	WORKER	1.68E-02	2.45E-06	1.55E-02	3.85E-06	1.55E-02	5.44E-06
558165.174160362.59	558165	4160363	WRKR_148	WORKER	9.51E-03	2.29E-06	8.75E-03	3.59E-06	8.75E-03	5.08E-06
558165.174160372.59	558165	4160373	WRKR_149	WORKER	1.01E-02	2.32E-06	9.33E-03	3.65E-06	9.33E-03	5.17E-06
558165.174160382.59	558165	4160383	WRKR_150	WORKER	1.08E-02	2.36E-06	9.97E-03	3.71E-06	9.97E-03	5.24E-06
558165.174160392.59	558165	4160393	WRKR_151	WORKER	1.16E-02	2.39E-06	1.07E-02	3.76E-06	1.07E-02	5.32E-06
558165.174160402.59	558165	4160403	WRKR_152	WORKER	1.24E-02	2.43E-06	1.14E-02	3.82E-06	1.14E-02	5.40E-06
558165.174160412.59	558165	4160413	WRKR_153	WORKER	1.34E-02	2.46E-06	1.23E-02	3.87E-06	1.23E-02	5.47E-06
558165.174160422.59	558165	4160423	WRKR_154	WORKER	1.44E-02	2.50E-06	1.32E-02	3.92E-06	1.32E-02	5.55E-06
558165.174160432.59	558165	4160433	WRKR_155	WORKER	1.55E-02	2.53E-06	1.43E-02	3.98E-06	1.43E-02	5.63E-06
558175.174160362.59	558175	4160363	WRKR_156	WORKER	9.41E-03	2.39E-06	8.66E-03	3.75E-06	8.66E-03	5.30E-06
558175.174160372.59	558175	4160373	WRKR_157	WORKER	1.00E-02	2.42E-06	9.23E-03	3.81E-06	9.23E-03	5.39E-06
558175.174160382.59	558175	4160383	WRKR_158	WORKER	1.07E-02	2.46E-06	9.87E-03	3.87E-06	9.87E-03	5.47E-06
558175.174160392.59	558175	4160393	WRKR_159	WORKER	1.15E-02	2.50E-06	1.06E-02	3.93E-06	1.06E-02	5.56E-06
558175.174160402.59	558175	4160403	WRKR_160	WORKER	1.23E-02	2.54E-06	1.13E-02	3.99E-06	1.13E-02	5.65E-06
558175.174160412.59	558175	4160413	WRKR_161	WORKER	1.33E-02	2.58E-06	1.22E-02	4.05E-06	1.22E-02	5.73E-06
558175.174160422.59	558175	4160423	WRKR_162	WORKER	1.43E-02	2.62E-06	1.32E-02	4.12E-06	1.32E-02	5.82E-06
558185.174160362.59	558185	4160363	WRKR_163	WORKER	9.27E-03	2.49E-06	8.54E-03	3.91E-06	8.54E-03	5.53E-06
558185.174160372.59	558185	4160373	WRKR_164	WORKER	9.89E-03	2.53E-06	9.11E-03	3.98E-06	9.11E-03	5.62E-06
558185.174160382.59	558185	4160383	WRKR_165	WORKER	1.06E-02	2.57E-06	9.74E-03	4.04E-06	9.74E-03	5.72E-06
558185.174160392.59	558185	4160393	WRKR_166	WORKER	1.13E-02	2.62E-06	1.04E-02	4.11E-06	1.04E-02	5.81E-06
558185.174160402.59	558185	4160403	WRKR_167	WORKER	1.22E-02	2.66E-06	1.12E-02	4.18E-06	1.12E-02	5.91E-06
558185.174160412.59	558185	4160413	WRKR_168	WORKER	1.31E-02	2.70E-06	1.21E-02	4.25E-06	1.21E-02	6.01E-06
558185.174160422.59	558185	4160423	WRKR_169	WORKER	1.41E-02	2.75E-06	1.30E-02	4.32E-06	1.30E-02	6.10E-06
558185.174160432.59	558185	4160433	WRKR_170	WORKER	1.53E-02	2.79E-06	1.41E-02	4.38E-06	1.41E-02	6.20E-06
558185.174160442.59	558185	4160443	WRKR_171	WORKER	1.65E-02	2.83E-06	1.52E-02	4.45E-06	1.52E-02	6.29E-06
558195.174160362.59	558195	4160363	WRKR_172	WORKER	9.12E-03	2.60E-06	8.39E-03	4.08E-06	8.39E-03	5.77E-06
558195.174160372.59	558195	4160373	WRKR_173	WORKER	9.73E-03	2.64E-06	8.95E-03	4.15E-06	8.95E-03	5.87E-06
558195.174160382.59	558195	4160383	WRKR_174	WORKER	1.04E-02	2.69E-06	9.58E-03	4.22E-06	9.58E-03	5.97E-06
558195.174160392.59	558195	4160393	WRKR_175	WORKER	1.12E-02	2.74E-06	1.03E-02	4.30E-06	1.03E-02	6.08E-06
558195.174160402.59	558195	4160403	WRKR_176	WORKER	1.20E-02	2.79E-06	1.10E-02	4.38E-06	1.10E-02	6.19E-06
558195.174160412.59	558195	4160413	WRKR_177	WORKER	1.29E-02	2.83E-06	1.19E-02	4.45E-06	1.19E-02	6.30E-06
558195.174160422.59	558195	4160423	WRKR_178	WORKER	1.39E-02	2.88E-06	1.28E-02	4.53E-06	1.28E-02	6.41E-06
558195.174160432.59	558195	4160433	WRKR_179	WORKER	1.51E-02	2.93E-06	1.39E-02	4.61E-06	1.39E-02	6.52E-06
558195.174160442.59	558195	4160443	WRKR_180	WORKER	1.63E-02	2.98E-06	1.50E-02	4.68E-06	1.50E-02	6.61E-06
558195.174160452.59	558195	4160453	WRKR_181	WORKER	1.76E-02	3.02E-06	1.62E-02	4.74E-06	1.62E-02	6.71E-06
558205.174160362.59	558205	4160363	WRKR_182	WORKER	8.95E-03	2.71E-06	8.23E-03	4.26E-06	8.23E-03	6.02E-06
558205.174160372.59	558205	4160373	WRKR_183	WORKER	9.55E-03	2.76E-06	8.79E-03	4.34E-06	8.79E-03	6.13E-06
558205.174160382.59	558205	4160383	WRKR_184	WORKER	1.02E-02	2.81E-06	9.40E-03	4.42E-06	9.40E-03	6.25E-06
558205.174160392.59	558205	4160393	WRKR_185	WORKER	1.09E-02	2.86E-06	1.01E-02	4.50E-06	1.01E-02	6.37E-06
558205.174160402.59	558205	4160403	WRKR_186	WORKER	1.18E-02	2.92E-06	1.08E-02	4.59E-06	1.08E-02	6.49E-06
558205.174160412.59	558205	4160413	WRKR_187	WORKER	1.27E-02	2.97E-06	1.16E-02	4.67E-06	1.16E-02	6.61E-06
558205.174160422.59	558205	4160423	WRKR_188	WORKER	1.37E-02	3.03E-06	1.26E-02	4.76E-06	1.26E-02	6.73E-06
558205.174160432.59	558205	4160433	WRKR_189	WORKER	1.48E-02	3.08E-06	1.36E-02	4.84E-06	1.36E-02	6.85E-06
558205.174160442.59	558205	4160443	WRKR_190	WORKER	1.60E-02	3.14E-06	1.47E-02	4.93E-06	1.47E-02	6.97E-06
558205.174160452.59	558205	4160453	WRKR_191	WORKER	1.74E-02	3.18E-06	1.60E-02	5.00E-06	1.60E-02	7.08E-06
558205.174160462.59	558205	4160463	WRKR_192	WORKER	1.89E-02	3.24E-06	1.74E-02	5.08E-06	1.74E-02	7.19E-06
558215.174160362.59	558215	4160363	WRKR_193	WORKER	8.76E-03	2.83E-06	8.06E-03	4.44E-06	8.06E-03	6.28E-06
558215.174160372.59	558215	4160373	WRKR_194	WORKER	9.35E-03	2.88E-06	8.60E-03	4.53E-06	8.60E-03	6.41E-06
558215.174160382.59	558215	4160383	WRKR_195	WORKER	1.00E-02	2.94E-06	9.20E-03	4.62E-06	9.20E-03	6.54E-06
558215.174160392.59	558215	4160393	WRKR_196	WORKER	1.07E-02	3.00E-06	9.86E-03	4.71E-06	9.86E-03	6.67E-06
558215.174160402.59	558215	4160403	WRKR_197	WORKER	1.15E-02	3.06E-06	1.06E-02	4.81E-06	1.06E-02	6.80E-06
558215.174160412.59	558215	4160413	WRKR_198	WORKER	1.24E-02	3.12E-06	1.14E-02	4.91E-06	1.14E-02	6.94E-06
558215.174160422.59	558215	4160423	WRKR_199	WORKER	1.34E-02	3.18E-06	1.23E-02	5.00E-06	1.23E-02	7.07E-06
558215.174160432.59	558215	4160433	WRKR_200	WORKER	1.44E-02	3.24E-06	1.33E-02	5.10E-06	1.33E-02	7.21E-06
558215.174160442.59	558215	4160443	WRKR_201	WORKER	1.57E-02	3.31E-06	1.44E-02	5.20E-06	1.44E-02	7.35E-06
558215.174160452.59	558215	4160453	WRKR_202	WORKER	1.71E-02	3.37E-06	1.57E-02	5.30E-06	1.57E-02	7.49E-06
558215.174160462.59	558215	4160463	WRKR_203	WORKER	1.85E-02	3.42E-06	1.70E-02	5.38E-06	1.70E-02	7.61E-06

RESIDENTIAL CONCENTRATIONS & DOSE

					s	X	s	X		
					3rd Tri		0<2		2<16	
					Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)	
XY	X	Y	Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558215.174160472.59	558215	4160473	WRKR_204	WORKER	2.02E-02	3.48E-06	1.86E-02	5.47E-06	1.86E-02	7.74E-06
558225.174160362.59	558225	4160363	WRKR_205	WORKER	8.56E-03	2.95E-06	7.87E-03	4.63E-06	7.87E-03	6.55E-06
558225.174160372.59	558225	4160373	WRKR_206	WORKER	9.13E-03	3.01E-06	8.40E-03	4.73E-06	8.40E-03	6.69E-06
558225.174160382.59	558225	4160383	WRKR_207	WORKER	9.77E-03	3.08E-06	8.99E-03	4.84E-06	8.99E-03	6.84E-06
558225.174160392.59	558225	4160393	WRKR_208	WORKER	1.05E-02	3.14E-06	9.63E-03	4.94E-06	9.63E-03	6.99E-06
558225.174160402.59	558225	4160403	WRKR_209	WORKER	1.12E-02	3.21E-06	1.03E-02	5.04E-06	1.03E-02	7.13E-06
558225.174160412.59	558225	4160413	WRKR_210	WORKER	1.21E-02	3.28E-06	1.11E-02	5.15E-06	1.11E-02	7.28E-06
558225.174160422.59	558225	4160423	WRKR_211	WORKER	1.30E-02	3.34E-06	1.20E-02	5.26E-06	1.20E-02	7.43E-06
558225.174160432.59	558225	4160433	WRKR_212	WORKER	1.41E-02	3.41E-06	1.30E-02	5.37E-06	1.30E-02	7.59E-06
558225.174160442.59	558225	4160443	WRKR_213	WORKER	1.53E-02	3.49E-06	1.41E-02	5.48E-06	1.41E-02	7.75E-06
558225.174160452.59	558225	4160453	WRKR_214	WORKER	1.66E-02	3.56E-06	1.53E-02	5.59E-06	1.53E-02	7.90E-06
558225.174160462.59	558225	4160463	WRKR_215	WORKER	1.81E-02	3.63E-06	1.67E-02	5.70E-06	1.67E-02	8.06E-06
558225.174160472.59	558225	4160473	WRKR_216	WORKER	1.98E-02	3.70E-06	1.82E-02	5.81E-06	1.82E-02	8.21E-06
558225.174160482.59	558225	4160483	WRKR_217	WORKER	2.17E-02	3.76E-06	2.00E-02	5.91E-06	2.00E-02	8.36E-06
558235.174160362.59	558235	4160363	WRKR_218	WORKER	8.34E-03	3.08E-06	7.68E-03	4.84E-06	7.68E-03	6.84E-06
558235.174160372.59	558235	4160373	WRKR_219	WORKER	8.90E-03	3.15E-06	8.19E-03	4.95E-06	8.19E-03	7.00E-06
558235.174160382.59	558235	4160383	WRKR_220	WORKER	9.52E-03	3.22E-06	8.76E-03	5.06E-06	8.76E-03	7.16E-06
558235.174160392.59	558235	4160393	WRKR_221	WORKER	1.02E-02	3.29E-06	9.39E-03	5.18E-06	9.39E-03	7.32E-06
558235.174160402.59	558235	4160403	WRKR_222	WORKER	1.09E-02	3.37E-06	1.01E-02	5.29E-06	1.01E-02	7.48E-06
558235.174160412.59	558235	4160413	WRKR_223	WORKER	1.18E-02	3.44E-06	1.08E-02	5.41E-06	1.08E-02	7.65E-06
558235.174160422.59	558235	4160423	WRKR_224	WORKER	1.27E-02	3.52E-06	1.17E-02	5.53E-06	1.17E-02	7.82E-06
558235.174160432.59	558235	4160433	WRKR_225	WORKER	1.37E-02	3.60E-06	1.26E-02	5.65E-06	1.26E-02	7.99E-06
558235.174160442.59	558235	4160443	WRKR_226	WORKER	1.49E-02	3.68E-06	1.37E-02	5.78E-06	1.37E-02	8.17E-06
558235.174160452.59	558235	4160453	WRKR_227	WORKER	1.62E-02	3.76E-06	1.49E-02	5.91E-06	1.49E-02	8.35E-06
558235.174160462.59	558235	4160463	WRKR_228	WORKER	1.77E-02	3.84E-06	1.62E-02	6.04E-06	1.62E-02	8.54E-06
558235.174160472.59	558235	4160473	WRKR_229	WORKER	1.93E-02	3.93E-06	1.78E-02	6.17E-06	1.78E-02	8.73E-06
558235.174160482.59	558235	4160483	WRKR_230	WORKER	2.12E-02	4.01E-06	1.95E-02	6.30E-06	1.95E-02	8.90E-06
558235.174160492.59	558235	4160493	WRKR_231	WORKER	2.33E-02	4.08E-06	2.15E-02	6.41E-06	2.15E-02	9.07E-06
558245.174160362.59	558245	4160363	WRKR_232	WORKER	8.13E-03	3.21E-06	7.48E-03	5.05E-06	7.48E-03	7.14E-06
558245.174160372.59	558245	4160373	WRKR_233	WORKER	8.67E-03	3.29E-06	7.98E-03	5.17E-06	7.98E-03	7.31E-06
558245.174160382.59	558245	4160383	WRKR_234	WORKER	9.27E-03	3.37E-06	8.53E-03	5.29E-06	8.53E-03	7.49E-06
558245.174160392.59	558245	4160393	WRKR_235	WORKER	9.92E-03	3.45E-06	9.13E-03	5.42E-06	9.13E-03	7.67E-06
558245.174160402.59	558245	4160403	WRKR_236	WORKER	1.07E-02	3.53E-06	9.80E-03	5.55E-06	9.80E-03	7.85E-06
558245.174160412.59	558245	4160413	WRKR_237	WORKER	1.14E-02	3.62E-06	1.05E-02	5.68E-06	1.05E-02	8.03E-06
558245.174160422.59	558245	4160423	WRKR_238	WORKER	1.23E-02	3.70E-06	1.14E-02	5.82E-06	1.14E-02	8.23E-06
558245.174160432.59	558245	4160433	WRKR_239	WORKER	1.33E-02	3.79E-06	1.23E-02	5.96E-06	1.23E-02	8.42E-06
558245.174160442.59	558245	4160443	WRKR_240	WORKER	1.44E-02	3.88E-06	1.33E-02	6.10E-06	1.33E-02	8.62E-06
558245.174160452.59	558245	4160453	WRKR_241	WORKER	1.57E-02	3.98E-06	1.45E-02	6.25E-06	1.45E-02	8.83E-06
558245.174160462.59	558245	4160463	WRKR_242	WORKER	1.72E-02	4.07E-06	1.58E-02	6.40E-06	1.58E-02	9.05E-06
558245.174160472.59	558245	4160473	WRKR_243	WORKER	1.88E-02	4.17E-06	1.73E-02	6.55E-06	1.73E-02	9.26E-06
558245.174160482.59	558245	4160483	WRKR_244	WORKER	2.06E-02	4.27E-06	1.90E-02	6.71E-06	1.90E-02	9.48E-06
558245.174160492.59	558245	4160493	WRKR_245	WORKER	2.27E-02	4.36E-06	2.09E-02	6.85E-06	2.09E-02	9.69E-06
558245.174160502.59	558245	4160503	WRKR_246	WORKER	2.51E-02	4.45E-06	2.31E-02	6.99E-06	2.31E-02	9.89E-06
558255.174160362.59	558255	4160363	WRKR_247	WORKER	7.90E-03	3.35E-06	7.27E-03	5.27E-06	7.27E-03	7.45E-06
558255.174160372.59	558255	4160373	WRKR_248	WORKER	8.43E-03	3.44E-06	7.75E-03	5.40E-06	7.75E-03	7.64E-06
558255.174160382.59	558255	4160383	WRKR_249	WORKER	9.00E-03	3.52E-06	8.29E-03	5.54E-06	8.29E-03	7.83E-06
558255.174160392.59	558255	4160393	WRKR_250	WORKER	9.64E-03	3.61E-06	8.87E-03	5.68E-06	8.87E-03	8.03E-06
558255.174160402.59	558255	4160403	WRKR_251	WORKER	1.03E-02	3.71E-06	9.52E-03	5.82E-06	9.52E-03	8.23E-06
558255.174160412.59	558255	4160413	WRKR_252	WORKER	1.11E-02	3.80E-06	1.02E-02	5.97E-06	1.02E-02	8.45E-06
558255.174160422.59	558255	4160423	WRKR_253	WORKER	1.20E-02	3.90E-06	1.10E-02	6.12E-06	1.10E-02	8.66E-06
558255.174160432.59	558255	4160433	WRKR_254	WORKER	1.29E-02	3.99E-06	1.19E-02	6.28E-06	1.19E-02	8.88E-06
558255.174160442.59	558255	4160443	WRKR_255	WORKER	1.40E-02	4.10E-06	1.29E-02	6.44E-06	1.29E-02	9.11E-06
558255.174160452.59	558255	4160453	WRKR_256	WORKER	1.53E-02	4.21E-06	1.40E-02	6.61E-06	1.40E-02	9.35E-06
558255.174160462.59	558255	4160463	WRKR_257	WORKER	1.66E-02	4.31E-06	1.53E-02	6.78E-06	1.53E-02	9.59E-06
558255.174160472.59	558255	4160473	WRKR_258	WORKER	1.82E-02	4.43E-06	1.68E-02	6.96E-06	1.68E-02	9.84E-06
558255.174160482.59	558255	4160483	WRKR_259	WORKER	2.00E-02	4.54E-06	1.84E-02	7.14E-06	1.84E-02	1.01E-05
558255.174160492.59	558255	4160493	WRKR_260	WORKER	2.21E-02	4.66E-06	2.04E-02	7.33E-06	2.04E-02	1.04E-05
558255.174160502.59	558255	4160503	WRKR_261	WORKER	2.45E-02	4.77E-06	2.25E-02	7.50E-06	2.25E-02	1.06E-05
558255.174160512.59	558255	4160513	WRKR_262	WORKER	2.72E-02	4.88E-06	2.50E-02	7.67E-06	2.50E-02	1.08E-05
558265.174160362.59	558265	4160363	WRKR_263	WORKER	7.67E-03	3.50E-06	7.06E-03	5.50E-06	7.06E-03	7.78E-06
558265.174160372.59	558265	4160373	WRKR_264	WORKER	8.18E-03	3.59E-06	7.53E-03	5.64E-06	7.53E-03	7.98E-06
558265.174160382.59	558265	4160383	WRKR_265	WORKER	8.74E-03	3.69E-06	8.04E-03	5.79E-06	8.04E-03	8.19E-06
558265.174160392.59	558265	4160393	WRKR_266	WORKER	9.35E-03	3.79E-06	8.61E-03	5.95E-06	8.61E-03	8.41E-06
558265.174160402.59	558265	4160403	WRKR_267	WORKER	1.00E-02	3.89E-06	9.23E-03	6.11E-06	9.23E-03	8.64E-06
558265.174160412.59	558265	4160413	WRKR_268	WORKER	1.08E-02	3.99E-06	9.92E-03	6.27E-06	9.92E-03	8.87E-06
558265.174160422.59	558265	4160423	WRKR_269	WORKER	1.16E-02	4.10E-06	1.07E-02	6.44E-06	1.07E-02	9.11E-06
558265.174160432.59	558265	4160433	WRKR_270	WORKER	1.26E-02	4.21E-06	1.16E-02	6.62E-06	1.16E-02	9.36E-06
558265.174160442.59	558265	4160443	WRKR_271	WORKER	1.36E-02	4.33E-06	1.25E-02	6.81E-06	1.25E-02	9.62E-06
558265.174160452.59	558265	4160453	WRKR_272	WORKER	1.48E-02	4.45E-06	1.36E-02	6.99E-06	1.36E-02	9.89E-06
558265.174160462.59	558265	4160463	WRKR_273	WORKER	1.61E-02	4.57E-06	1.48E-02	7.19E-06	1.48E-02	1.02E-05
558265.174160472.59	558265	4160473	WRKR_274	WORKER	1.77E-02	4.70E-06	1.63E-02	7.39E-06	1.63E-02	1.05E-05
558265.174160482.59	558265	4160483	WRKR_275	WORKER	1.94E-02	4.84E-06	1.79E-02	7.61E-06	1.79E-02	1.08E-05
558265.174160492.59	558265	4160493	WRKR_276	WORKER	2.15E-02	4.98E-06	1.98E-02	7.83E-06	1.98E-02	1.11E-05
558265.174160502.59	558265	4160503	WRKR_277	WORKER	2.39E-02	5.13E-06	2.20E-02	8.06E-06	2.20E-02	1.14E-05
558265.174160512.59	558265	4160513	WRKR_278	WORKER	2.66E-02	5.26E-06	2.45E-02	8.26E-06	2.45E-02	1.17E-05
558265.174160522.59	558265	4160523	WRKR_279	WORKER	2.98E-02	5.39E-06	2.75E-02	8.47E-06	2.75E-02	1.20E-05
558275.174160362.59	558275	4160363	WRKR_280	WORKER	7.44E-03	3.65E-06	6.84E-03	5.74E-06	6.84E-03	8.11E-06
558275.174160372.59	558275	4160373	WRKR_281	WORKER	7.93E-03	3.75E-06	7.29E-03	5.89E-06	7.29E-03	8.34E-06
558275.174160382.59	558275	4160383	WRKR_282	WORKER	8.47E-03	3.85E-06	7.79E-03	6.06E-06	7.79E-03	8.57E-06
558275.174160392.59	558275	4160393	WRKR_283	WORKER	9.06E-03	3.96E-06	8.34E-03	6.23E-06	8.34E-03	8.81E-06
558275.174160402.59	558275	4160403	WRKR_284	WORKER	9.72E-03	4.08E-06	8.94E-03	6.40E-06	8.94E-03	9.06E-06
558275.174160412.59	558275	4160413	WRKR_285	WORKER	1.04E-02	4.19E-06	9.61E-03	6.59E-06	9.61E-03	9.32E-06
558275.174160422.59	558275	4160423	WRKR_286	WORKER	1.13E-02	4.31E-06	1.04E-02	6.78E-06	1.04E-02	9.58E-06
558275.174160432.59	558275	4160433	WRKR_287	WORKER	1.22E-02	4.44E-06	1.12E-02	6.98E-06	1.12E-02	9.87E-06
558275.174160442.59	558275	4160443	WRKR_288	WORKER	1.32E-02	4.57E-06	1.21E-02	7.18E-06	1.21E-02	1.02E-05
558275.174160452.59	558275	4160453	WRKR_289	WORKER	1.43E-02	4.71E-06	1.32E-02	7.40E-06	1.32E-02	1.05E-05
558275.174160462.59	558275	4160463	WRKR_290	WORKER	1.56E-02	4.85E-06	1.44E-02	7.62E-06	1.44E-02	1.08E-05
558275.174160472.59	558275	4160473	WRKR_291	WORKER	1.71E-02	5.00E-06	1.58E-02	7.86E-06	1.58E-02	1.11E-05
558275.174160482.59	558275	4160483	WRKR_292	WORKER	1.89E-02	5.16E-06	1.74E-02	8.11E-06	1.74E-02	1.15E-05
558275.174160492.59	558275	4160493	WRKR_293	WORKER	2.09E-02	5.32E-06	1.92E-02	8.37E-06	1.92E-02	1.18E-05
558275.174160502.59	558275	4160503	WRKR_294	WORKER	2.33E-02	5.50E-06	2.14E-02	8.64E-06	2.14E-02	1.22E-05
558275.174160512.59	558275	4160513	WRKR_295	WORKER	2.61E-02	5.68E-06	2.40E-02	8.93E-06	2.40E-02	1.26E-05
558275.174160522.59	558275	4160523	WRKR_296	WORKER	2.94E-02	5.85E-06	2.71E-02	9.20E-06	2.71E-02	1.30E-05
558275.174160532.59	558275	4160533	WRKR_297	WORKER	3.33E-02	6.02E-06	3.07E-02	9.46E-06	3.07E-02	1.34E-05
558285.174160362.59	558285	4160363	WRKR_298	WORKER	7.20E-03	3.81E-06	6.63E-03	5.98E-06	6.63E-03	8.46E-06
558285.174160372.59	558285	4160373	WRKR_299	WORKER	7.67E-03	3.92E-06	7.06E-03	6.15E-06	7.06E-03	8.70E-06
558285.174160382.59	558285	4160383	WRKR_300	WORKER	8.20E-03	4.03E-06	7.54E-03	6.33E-06	7.54E-03	8.95E-06
558285.174160392.59	558285	4160393	WRKR_301	WORKER	8.77E-03	4.15E-06	8.07E-03	6.52E-06	8.07E-03	9.22E-06
558285.174160402.59	558285	4160403	WRKR_302	WORKER	9.41E-03	4.27E-06	8.66E-03	6.71E-06	8.66E-03	9.49E-06
558285.174160412.59	558285	4160413	WRKR_303	WORKER	1.01E-02	4.40E-06	9.31E-03	6.91E-06	9.31E-03	9.78E-06
558285.174160422.59	558285	4160423	WRKR_304	WORKER	1.09E-02	4.54E-06	1.00E-02	7.13E-06	1.00E-02	1.01E-05
558285.174160432.59	558285	4160433	WRKR_305	WORKER	1.18E-02	4.68E-06	1.08E-02	7.35E-06	1.08E-02	1.04E-05
558285.174160442.59	558285	4160443	WRKR_306	WORKER	1.28E-02	4.82E-06	1.18E-02	7.58E-06	1.18E-02	1.07E-05

RESIDENTIAL CONCENTRATIONS & DOSE

					s	X	s	X		
					3rd Tri		0<2		2<16	
					Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)	
XY	X	Y	Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558285.174160452.59	558285	4160453	WRKR_307	WORKER	1.39E-02	4.98E-06	1.28E-02	7.82E-06	1.28E-02	1.11E-05
558285.174160462.59	558285	4160463	WRKR_308	WORKER	1.52E-02	5.14E-06	1.40E-02	8.08E-06	1.40E-02	1.14E-05
558285.174160472.59	558285	4160473	WRKR_309	WORKER	1.67E-02	5.32E-06	1.53E-02	8.36E-06	1.53E-02	1.18E-05
558285.174160482.59	558285	4160483	WRKR_310	WORKER	1.83E-02	5.50E-06	1.69E-02	8.64E-06	1.69E-02	1.22E-05
558285.174160492.59	558285	4160493	WRKR_311	WORKER	2.03E-02	5.69E-06	1.87E-02	8.94E-06	1.87E-02	1.26E-05
558285.174160502.59	558285	4160503	WRKR_312	WORKER	2.27E-02	5.90E-06	2.09E-02	9.27E-06	2.09E-02	1.31E-05
558285.174160512.59	558285	4160513	WRKR_313	WORKER	2.55E-02	6.12E-06	2.35E-02	9.62E-06	2.35E-02	1.36E-05
558285.174160522.59	558285	4160523	WRKR_314	WORKER	2.89E-02	6.35E-06	2.66E-02	9.97E-06	2.66E-02	1.41E-05
558285.174160532.59	558285	4160533	WRKR_315	WORKER	3.29E-02	6.56E-06	3.03E-02	1.03E-05	3.03E-02	1.46E-05
558295.174160362.59	558295	4160363	WRKR_316	WORKER	6.97E-03	3.97E-06	6.41E-03	6.24E-06	6.41E-03	8.82E-06
558295.174160372.59	558295	4160373	WRKR_317	WORKER	7.42E-03	4.09E-06	6.83E-03	6.42E-06	6.83E-03	9.08E-06
558295.174160382.59	558295	4160383	WRKR_318	WORKER	7.93E-03	4.21E-06	7.29E-03	6.61E-06	7.29E-03	9.35E-06
558295.174160392.59	558295	4160393	WRKR_319	WORKER	8.48E-03	4.34E-06	7.80E-03	6.81E-06	7.80E-03	9.64E-06
558295.174160402.59	558295	4160403	WRKR_320	WORKER	9.10E-03	4.47E-06	8.37E-03	7.02E-06	8.37E-03	9.93E-06
558295.174160412.59	558295	4160413	WRKR_321	WORKER	9.78E-03	4.61E-06	9.00E-03	7.25E-06	9.00E-03	1.03E-05
558295.174160422.59	558295	4160423	WRKR_322	WORKER	1.05E-02	4.76E-06	9.70E-03	7.49E-06	9.70E-03	1.06E-05
558295.174160432.59	558295	4160433	WRKR_323	WORKER	1.14E-02	4.92E-06	1.05E-02	7.73E-06	1.05E-02	1.09E-05
558295.174160442.59	558295	4160443	WRKR_324	WORKER	1.24E-02	5.09E-06	1.14E-02	7.99E-06	1.14E-02	1.13E-05
558295.174160452.59	558295	4160453	WRKR_325	WORKER	1.35E-02	5.26E-06	1.24E-02	8.27E-06	1.24E-02	1.17E-05
558295.174160462.59	558295	4160463	WRKR_326	WORKER	1.47E-02	5.45E-06	1.36E-02	8.57E-06	1.36E-02	1.21E-05
558295.174160472.59	558295	4160473	WRKR_327	WORKER	1.62E-02	5.65E-06	1.49E-02	8.87E-06	1.49E-02	1.25E-05
558295.174160482.59	558295	4160483	WRKR_328	WORKER	1.78E-02	5.86E-06	1.64E-02	9.20E-06	1.64E-02	1.30E-05
558295.174160492.59	558295	4160493	WRKR_329	WORKER	1.98E-02	6.08E-06	1.82E-02	9.55E-06	1.82E-02	1.35E-05
558295.174160502.59	558295	4160503	WRKR_330	WORKER	2.21E-02	6.32E-06	2.04E-02	9.93E-06	2.04E-02	1.40E-05
558295.174160512.59	558295	4160513	WRKR_331	WORKER	2.50E-02	6.59E-06	2.30E-02	1.04E-05	2.30E-02	1.47E-05
558295.174160522.59	558295	4160523	WRKR_332	WORKER	2.84E-02	6.87E-06	2.61E-02	1.08E-05	2.61E-02	1.53E-05
558295.174160532.59	558295	4160533	WRKR_333	WORKER	3.24E-02	7.15E-06	2.98E-02	1.12E-05	2.98E-02	1.59E-05
558305.174160362.59	558305	4160363	WRKR_334	WORKER	6.74E-03	4.14E-06	6.20E-03	6.50E-06	6.20E-03	9.19E-06
558305.174160372.59	558305	4160373	WRKR_335	WORKER	7.17E-03	4.26E-06	6.60E-03	6.70E-06	6.60E-03	9.47E-06
558305.174160382.59	558305	4160383	WRKR_336	WORKER	7.66E-03	4.39E-06	7.05E-03	6.90E-06	7.05E-03	9.76E-06
558305.174160392.59	558305	4160393	WRKR_337	WORKER	8.19E-03	4.53E-06	7.54E-03	7.12E-06	7.54E-03	1.01E-05
558305.174160402.59	558305	4160403	WRKR_338	WORKER	8.79E-03	4.66E-06	8.09E-03	7.33E-06	8.09E-03	1.04E-05
558305.174160412.59	558305	4160413	WRKR_339	WORKER	9.45E-03	4.82E-06	8.70E-03	7.57E-06	8.70E-03	1.07E-05
558305.174160422.59	558305	4160423	WRKR_340	WORKER	1.02E-02	4.99E-06	9.38E-03	7.85E-06	9.38E-03	1.11E-05
558305.174160432.59	558305	4160433	WRKR_341	WORKER	1.10E-02	5.17E-06	1.01E-02	8.13E-06	1.01E-02	1.15E-05
558305.174160442.59	558305	4160443	WRKR_342	WORKER	1.20E-02	5.36E-06	1.10E-02	8.42E-06	1.10E-02	1.19E-05
558305.174160452.59	558305	4160453	WRKR_343	WORKER	1.31E-02	5.55E-06	1.20E-02	8.73E-06	1.20E-02	1.23E-05
558305.174160462.59	558305	4160463	WRKR_344	WORKER	1.43E-02	5.76E-06	1.31E-02	9.06E-06	1.31E-02	1.28E-05
558305.174160472.59	558305	4160473	WRKR_345	WORKER	1.57E-02	5.99E-06	1.45E-02	9.41E-06	1.45E-02	1.33E-05
558305.174160482.59	558305	4160483	WRKR_346	WORKER	1.74E-02	6.23E-06	1.60E-02	9.79E-06	1.60E-02	1.38E-05
558305.174160492.59	558305	4160493	WRKR_347	WORKER	1.93E-02	6.49E-06	1.78E-02	1.02E-05	1.78E-02	1.44E-05
558305.174160502.59	558305	4160503	WRKR_348	WORKER	2.16E-02	6.78E-06	1.99E-02	1.07E-05	1.99E-02	1.51E-05
558305.174160512.59	558305	4160513	WRKR_349	WORKER	2.45E-02	7.10E-06	2.25E-02	1.12E-05	2.25E-02	1.58E-05
558305.174160522.59	558305	4160523	WRKR_350	WORKER	2.79E-02	7.44E-06	2.56E-02	1.17E-05	2.56E-02	1.65E-05
558305.174160532.59	558305	4160533	WRKR_351	WORKER	3.19E-02	7.80E-06	2.94E-02	1.23E-05	2.94E-02	1.73E-05
558315.174160362.59	558315	4160363	WRKR_352	WORKER	6.51E-03	4.31E-06	5.99E-03	6.77E-06	5.99E-03	9.57E-06
558315.174160372.59	558315	4160373	WRKR_353	WORKER	6.93E-03	4.44E-06	6.38E-03	6.98E-06	6.38E-03	9.87E-06
558315.174160382.59	558315	4160383	WRKR_354	WORKER	7.40E-03	4.58E-06	6.81E-03	7.19E-06	6.81E-03	1.02E-05
558315.174160392.59	558315	4160393	WRKR_355	WORKER	7.91E-03	4.72E-06	7.28E-03	7.42E-06	7.28E-03	1.05E-05
558315.174160402.59	558315	4160403	WRKR_356	WORKER	8.49E-03	4.88E-06	7.81E-03	7.67E-06	7.81E-03	1.08E-05
558315.174160412.59	558315	4160413	WRKR_357	WORKER	9.13E-03	5.04E-06	8.40E-03	7.92E-06	8.40E-03	1.12E-05
558315.174160422.59	558315	4160423	WRKR_358	WORKER	9.85E-03	5.22E-06	9.07E-03	8.21E-06	9.07E-03	1.16E-05
558315.174160432.59	558315	4160433	WRKR_359	WORKER	1.07E-02	5.42E-06	9.82E-03	8.52E-06	9.82E-03	1.20E-05
558315.174160442.59	558315	4160443	WRKR_360	WORKER	1.16E-02	5.63E-06	1.07E-02	8.84E-06	1.07E-02	1.25E-05
558315.174160452.59	558315	4160453	WRKR_361	WORKER	1.26E-02	5.85E-06	1.16E-02	9.19E-06	1.16E-02	1.30E-05
558315.174160462.59	558315	4160463	WRKR_362	WORKER	1.39E-02	6.08E-06	1.28E-02	9.56E-06	1.28E-02	1.35E-05
558315.174160472.59	558315	4160473	WRKR_363	WORKER	1.53E-02	6.34E-06	1.41E-02	9.96E-06	1.41E-02	1.41E-05
558315.174160482.59	558315	4160483	WRKR_364	WORKER	1.69E-02	6.61E-06	1.56E-02	1.04E-05	1.56E-02	1.47E-05
558315.174160492.59	558315	4160493	WRKR_365	WORKER	1.89E-02	6.92E-06	1.74E-02	1.09E-05	1.74E-02	1.54E-05
558315.174160502.59	558315	4160503	WRKR_366	WORKER	2.12E-02	7.26E-06	1.95E-02	1.14E-05	1.95E-02	1.61E-05
558315.174160512.59	558315	4160513	WRKR_367	WORKER	2.40E-02	7.63E-06	2.21E-02	1.20E-05	2.21E-02	1.70E-05
558315.174160522.59	558315	4160523	WRKR_368	WORKER	2.74E-02	8.05E-06	2.52E-02	1.27E-05	2.52E-02	1.79E-05
558315.174160532.59	558315	4160533	WRKR_369	WORKER	3.14E-02	8.49E-06	2.89E-02	1.33E-05	2.89E-02	1.89E-05
558325.174160362.59	558325	4160363	WRKR_370	WORKER	6.29E-03	4.48E-06	5.79E-03	7.04E-06	5.79E-03	9.96E-06
558325.174160372.59	558325	4160373	WRKR_371	WORKER	6.69E-03	4.62E-06	6.16E-03	7.27E-06	6.16E-03	1.03E-05
558325.174160382.59	558325	4160383	WRKR_372	WORKER	7.14E-03	4.77E-06	6.57E-03	7.49E-06	6.57E-03	1.06E-05
558325.174160392.59	558325	4160393	WRKR_373	WORKER	7.64E-03	4.93E-06	7.03E-03	7.74E-06	7.03E-03	1.09E-05
558325.174160402.59	558325	4160403	WRKR_374	WORKER	8.20E-03	5.10E-06	7.54E-03	8.01E-06	7.54E-03	1.13E-05
558325.174160412.59	558325	4160413	WRKR_375	WORKER	8.82E-03	5.28E-06	8.12E-03	8.29E-06	8.12E-03	1.17E-05
558325.174160422.59	558325	4160423	WRKR_376	WORKER	9.52E-03	5.47E-06	8.76E-03	8.60E-06	8.76E-03	1.22E-05
558325.174160432.59	558325	4160433	WRKR_377	WORKER	1.03E-02	5.68E-06	9.49E-03	8.92E-06	9.49E-03	1.26E-05
558325.174160442.59	558325	4160443	WRKR_378	WORKER	1.12E-02	5.90E-06	1.03E-02	9.28E-06	1.03E-02	1.31E-05
558325.174160452.59	558325	4160453	WRKR_379	WORKER	1.23E-02	6.15E-06	1.13E-02	9.66E-06	1.13E-02	1.37E-05
558325.174160462.59	558325	4160463	WRKR_380	WORKER	1.35E-02	6.41E-06	1.24E-02	1.01E-05	1.24E-02	1.42E-05
558325.174160472.59	558325	4160473	WRKR_381	WORKER	1.49E-02	6.69E-06	1.37E-02	1.05E-05	1.37E-02	1.49E-05
558325.174160482.59	558325	4160483	WRKR_382	WORKER	1.65E-02	7.00E-06	1.52E-02	1.10E-05	1.52E-02	1.56E-05
558325.174160492.59	558325	4160493	WRKR_383	WORKER	1.84E-02	7.35E-06	1.70E-02	1.16E-05	1.70E-02	1.63E-05
558325.174160502.59	558325	4160503	WRKR_384	WORKER	2.08E-02	7.74E-06	1.91E-02	1.22E-05	1.91E-02	1.72E-05
558325.174160512.59	558325	4160513	WRKR_385	WORKER	2.35E-02	8.19E-06	2.17E-02	1.29E-05	2.17E-02	1.82E-05
558325.174160522.59	558325	4160523	WRKR_386	WORKER	2.69E-02	8.68E-06	2.47E-02	1.36E-05	2.47E-02	1.93E-05
558325.174160532.59	558325	4160533	WRKR_387	WORKER	3.07E-02	9.21E-06	2.83E-02	1.45E-05	2.83E-02	2.05E-05
558335.174160362.59	558335	4160363	WRKR_388	WORKER	6.07E-03	4.66E-06	5.59E-03	7.32E-06	5.59E-03	1.04E-05
558335.174160372.59	558335	4160373	WRKR_389	WORKER	6.46E-03	4.82E-06	5.95E-03	7.57E-06	5.95E-03	1.07E-05
558335.174160382.59	558335	4160383	WRKR_390	WORKER	6.90E-03	4.97E-06	6.35E-03	7.81E-06	6.35E-03	1.10E-05
558335.174160392.59	558335	4160393	WRKR_391	WORKER	7.38E-03	5.14E-06	6.79E-03	8.07E-06	6.79E-03	1.14E-05
558335.174160402.59	558335	4160403	WRKR_392	WORKER	7.92E-03	5.32E-06	7.29E-03	8.36E-06	7.29E-03	1.18E-05
558335.174160412.59	558335	4160413	WRKR_393	WORKER	8.52E-03	5.51E-06	7.84E-03	8.66E-06	7.84E-03	1.22E-05
558335.174160422.59	558335	4160423	WRKR_394	WORKER	9.21E-03	5.72E-06	8.47E-03	8.98E-06	8.47E-03	1.27E-05
558335.174160432.59	558335	4160433	WRKR_395	WORKER	9.98E-03	5.93E-06	9.19E-03	9.32E-06	9.19E-03	1.32E-05
558335.174160442.59	558335	4160443	WRKR_396	WORKER	1.09E-02	6.18E-06	1.00E-02	9.71E-06	1.00E-02	1.37E-05
558335.174160452.59	558335	4160453	WRKR_397	WORKER	1.19E-02	6.44E-06	1.09E-02	1.01E-05	1.09E-02	1.43E-05
558335.174160462.59	558335	4160463	WRKR_398	WORKER	1.31E-02	6.73E-06	1.20E-02	1.06E-05	1.20E-02	1.49E-05
558335.174160472.59	558335	4160473	WRKR_399	WORKER	1.44E-02	7.04E-06	1.33E-02	1.11E-05	1.33E-02	1.56E-05
558335.174160482.59	558335	4160483	WRKR_400	WORKER	1.61E-02	7.39E-06	1.48E-02	1.16E-05	1.48E-02	1.64E-05
558335.174160492.59	558335	4160493	WRKR_401	WORKER	1.80E-02	7.78E-06	1.66E-02	1.22E-05	1.66E-02	1.73E-05
558335.174160502.59	558335	4160503	WRKR_402	WORKER	2.03E-02	8.23E-06	1.87E-02	1.29E-05	1.87E-02	1.83E-05
558335.174160512.59	558335	4160513	WRKR_403	WORKER	2.31E-02	8.74E-06	2.12E-02	1.37E-05	2.12E-02	1.94E-05
558335.174160522.59	558335	4160523	WRKR_404	WORKER	2.63E-02	9.31E-06	2.42E-02	1.46E-05	2.42E-02	2.07E-05
558335.174160532.59	558335	4160533	WRKR_405	WORKER	3.01E-02	9.94E-06	2.77E-02	1.56E-05	2.77E-02	2.21E-05
558345.174160362.59	558345	4160363	WRKR_406	WORKER	5.87E-03	4.84E-06	5.40E-03	7.61E-06	5.40E-03	1.08E-05
558345.174160372.59	558345	4160373	WRKR_407	WORKER	6.25E-03	5.01E-06	5.75E-03	7.87E-06	5.75E-03	1.11E-05
558345.174160382.59	558345	4160383	WRKR_408	WORKER	6.67E-03	5.18E-06	6.13E-03	8.15E-06	6.13E-03	1.15E-05
558345.174160392.59	558345	4160393	WRKR_409	WORKER	7.13E-03	5.36E-06	6.56E-03	8.42E-06	6.56E-03	1.19E-05

RESIDENTIAL CONCENTRATIONS & DOSE

					s	X	s	X		
					3rd Tri		0<2		2<16	
					Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)	
XY	X	Y	Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558345.174160402.59	558345	4160403	WRKR_410	WORKER	7.66E-03	5.55E-06	7.05E-03	8.72E-06	7.05E-03	1.23E-05
558345.174160412.59	558345	4160413	WRKR_411	WORKER	8.24E-03	5.75E-06	7.59E-03	9.04E-06	7.59E-03	1.28E-05
558345.174160422.59	558345	4160423	WRKR_412	WORKER	8.91E-03	5.97E-06	8.20E-03	9.38E-06	8.20E-03	1.33E-05
558345.174160432.59	558345	4160433	WRKR_413	WORKER	9.67E-03	6.21E-06	8.90E-03	9.75E-06	8.90E-03	1.38E-05
558345.174160442.59	558345	4160443	WRKR_414	WORKER	1.05E-02	6.44E-06	9.70E-03	1.01E-05	9.70E-03	1.43E-05
558345.174160452.59	558345	4160453	WRKR_415	WORKER	1.15E-02	6.73E-06	1.06E-02	1.06E-05	1.06E-02	1.50E-05
558345.174160462.59	558345	4160463	WRKR_416	WORKER	1.27E-02	7.05E-06	1.17E-02	1.11E-05	1.17E-02	1.57E-05
558345.174160472.59	558345	4160473	WRKR_417	WORKER	1.41E-02	7.39E-06	1.29E-02	1.16E-05	1.29E-02	1.64E-05
558345.174160482.59	558345	4160483	WRKR_418	WORKER	1.57E-02	7.77E-06	1.44E-02	1.22E-05	1.44E-02	1.73E-05
558345.174160492.59	558345	4160493	WRKR_419	WORKER	1.76E-02	8.20E-06	1.62E-02	1.29E-05	1.62E-02	1.82E-05
558345.174160502.59	558345	4160503	WRKR_420	WORKER	1.98E-02	8.69E-06	1.82E-02	1.37E-05	1.82E-02	1.93E-05
558345.174160512.59	558345	4160513	WRKR_421	WORKER	2.25E-02	9.26E-06	2.07E-02	1.46E-05	2.07E-02	2.06E-05
558345.174160522.59	558345	4160523	WRKR_422	WORKER	2.56E-02	9.91E-06	2.36E-02	1.56E-05	2.36E-02	2.20E-05
558345.174160532.59	558345	4160533	WRKR_423	WORKER	2.93E-02	1.06E-05	2.69E-02	1.67E-05	2.69E-02	2.36E-05
558355.174160362.59	558355	4160363	WRKR_424	WORKER	5.68E-03	5.03E-06	5.22E-03	7.91E-06	5.22E-03	1.12E-05
558355.174160372.59	558355	4160373	WRKR_425	WORKER	6.04E-03	5.21E-06	5.56E-03	8.18E-06	5.56E-03	1.16E-05
558355.174160382.59	558355	4160383	WRKR_426	WORKER	6.45E-03	5.39E-06	5.94E-03	8.47E-06	5.94E-03	1.20E-05
558355.174160392.59	558355	4160393	WRKR_427	WORKER	6.90E-03	5.59E-06	6.35E-03	8.78E-06	6.35E-03	1.24E-05
558355.174160402.59	558355	4160403	WRKR_428	WORKER	7.41E-03	5.78E-06	6.82E-03	9.09E-06	6.82E-03	1.28E-05
558355.174160412.59	558355	4160413	WRKR_429	WORKER	7.99E-03	6.00E-06	7.35E-03	9.43E-06	7.35E-03	1.33E-05
558355.174160422.59	558355	4160423	WRKR_430	WORKER	8.64E-03	6.23E-06	7.95E-03	9.79E-06	7.95E-03	1.38E-05
558355.174160432.59	558355	4160433	WRKR_431	WORKER	9.38E-03	6.48E-06	8.63E-03	1.02E-05	8.63E-03	1.44E-05
558355.174160442.59	558355	4160443	WRKR_432	WORKER	1.02E-02	6.74E-06	9.42E-03	1.06E-05	9.42E-03	1.50E-05
558355.174160452.59	558355	4160453	WRKR_433	WORKER	1.12E-02	7.04E-06	1.03E-02	1.11E-05	1.03E-02	1.56E-05
558355.174160462.59	558355	4160463	WRKR_434	WORKER	1.24E-02	7.37E-06	1.14E-02	1.16E-05	1.14E-02	1.64E-05
558355.174160472.59	558355	4160473	WRKR_435	WORKER	1.37E-02	7.74E-06	1.26E-02	1.22E-05	1.26E-02	1.72E-05
558355.174160482.59	558355	4160483	WRKR_436	WORKER	1.53E-02	8.13E-06	1.40E-02	1.28E-05	1.40E-02	1.81E-05
558355.174160492.59	558355	4160493	WRKR_437	WORKER	1.71E-02	8.59E-06	1.57E-02	1.35E-05	1.57E-02	1.91E-05
558355.174160502.59	558355	4160503	WRKR_438	WORKER	1.93E-02	9.13E-06	1.78E-02	1.43E-05	1.78E-02	2.03E-05
558355.174160512.59	558355	4160513	WRKR_439	WORKER	2.19E-02	9.74E-06	2.01E-02	1.53E-05	2.01E-02	2.17E-05
558355.174160522.59	558355	4160523	WRKR_440	WORKER	2.49E-02	1.05E-05	2.29E-02	1.64E-05	2.29E-02	2.32E-05
558355.174160532.59	558355	4160533	WRKR_441	WORKER	2.84E-02	1.13E-05	2.61E-02	1.78E-05	2.61E-02	2.51E-05
558365.174160362.59	558365	4160363	WRKR_442	WORKER	5.50E-03	5.24E-06	5.06E-03	8.23E-06	5.06E-03	1.16E-05
558365.174160372.59	558365	4160373	WRKR_443	WORKER	5.86E-03	5.42E-06	5.39E-03	8.52E-06	5.39E-03	1.21E-05
558365.174160382.59	558365	4160383	WRKR_444	WORKER	6.25E-03	5.62E-06	5.75E-03	8.82E-06	5.75E-03	1.25E-05
558365.174160392.59	558365	4160393	WRKR_445	WORKER	6.69E-03	5.82E-06	6.16E-03	9.15E-06	6.16E-03	1.29E-05
558365.174160402.59	558365	4160403	WRKR_446	WORKER	7.19E-03	6.03E-06	6.62E-03	9.48E-06	6.62E-03	1.34E-05
558365.174160412.59	558365	4160413	WRKR_447	WORKER	7.75E-03	6.26E-06	7.13E-03	9.83E-06	7.13E-03	1.39E-05
558365.174160422.59	558365	4160423	WRKR_448	WORKER	8.39E-03	6.50E-06	7.72E-03	1.02E-05	7.72E-03	1.44E-05
558365.174160432.59	558365	4160433	WRKR_449	WORKER	9.12E-03	6.75E-06	8.39E-03	1.06E-05	8.39E-03	1.50E-05
558365.174160442.59	558365	4160443	WRKR_450	WORKER	9.96E-03	7.03E-06	9.17E-03	1.11E-05	9.17E-03	1.56E-05
558365.174160452.59	558365	4160453	WRKR_451	WORKER	1.09E-02	7.35E-06	1.01E-02	1.16E-05	1.01E-02	1.63E-05
558365.174160462.59	558365	4160463	WRKR_452	WORKER	1.21E-02	7.70E-06	1.11E-02	1.21E-05	1.11E-02	1.71E-05
558365.174160472.59	558365	4160473	WRKR_453	WORKER	1.34E-02	8.09E-06	1.23E-02	1.27E-05	1.23E-02	1.80E-05
558365.174160482.59	558365	4160483	WRKR_454	WORKER	1.49E-02	8.51E-06	1.37E-02	1.34E-05	1.37E-02	1.89E-05
558365.174160492.59	558365	4160493	WRKR_455	WORKER	1.67E-02	9.00E-06	1.54E-02	1.41E-05	1.54E-02	2.00E-05
558365.174160502.59	558365	4160503	WRKR_456	WORKER	1.88E-02	9.56E-06	1.73E-02	1.50E-05	1.73E-02	2.13E-05
558365.174160512.59	558365	4160513	WRKR_457	WORKER	2.13E-02	1.02E-05	1.96E-02	1.61E-05	1.96E-02	2.27E-05
558365.174160522.59	558365	4160523	WRKR_458	WORKER	2.41E-02	1.10E-05	2.22E-02	1.73E-05	2.22E-02	2.44E-05
558365.174160532.59	558365	4160533	WRKR_459	WORKER	2.75E-02	1.19E-05	2.53E-02	1.87E-05	2.53E-02	2.65E-05
558375.174160362.59	558375	4160363	WRKR_460	WORKER	5.34E-03	5.46E-06	4.91E-03	8.59E-06	4.91E-03	1.21E-05
558375.174160372.59	558375	4160373	WRKR_461	WORKER	5.69E-03	5.66E-06	5.23E-03	8.90E-06	5.23E-03	1.26E-05
558375.174160382.59	558375	4160383	WRKR_462	WORKER	6.07E-03	5.86E-06	5.59E-03	9.22E-06	5.59E-03	1.30E-05
558375.174160392.59	558375	4160393	WRKR_463	WORKER	6.50E-03	6.06E-06	5.99E-03	9.52E-06	5.99E-03	1.35E-05
558375.174160402.59	558375	4160403	WRKR_464	WORKER	6.99E-03	6.29E-06	6.43E-03	9.88E-06	6.43E-03	1.40E-05
558375.174160412.59	558375	4160413	WRKR_465	WORKER	7.54E-03	6.53E-06	6.94E-03	1.03E-05	6.94E-03	1.45E-05
558375.174160422.59	558375	4160423	WRKR_466	WORKER	8.17E-03	6.78E-06	7.52E-03	1.06E-05	7.52E-03	1.51E-05
558375.174160432.59	558375	4160433	WRKR_467	WORKER	8.89E-03	7.05E-06	8.18E-03	1.11E-05	8.18E-03	1.57E-05
558375.174160442.59	558375	4160443	WRKR_468	WORKER	9.71E-03	7.35E-06	8.94E-03	1.15E-05	8.94E-03	1.63E-05
558375.174160452.59	558375	4160453	WRKR_469	WORKER	1.07E-02	7.68E-06	9.81E-03	1.21E-05	9.81E-03	1.71E-05
558375.174160462.59	558375	4160463	WRKR_470	WORKER	1.18E-02	8.04E-06	1.08E-02	1.26E-05	1.08E-02	1.79E-05
558375.174160472.59	558375	4160473	WRKR_471	WORKER	1.31E-02	8.44E-06	1.20E-02	1.33E-05	1.20E-02	1.88E-05
558375.174160482.59	558375	4160483	WRKR_472	WORKER	1.46E-02	8.89E-06	1.34E-02	1.40E-05	1.34E-02	1.98E-05
558375.174160492.59	558375	4160493	WRKR_473	WORKER	1.63E-02	9.41E-06	1.50E-02	1.48E-05	1.50E-02	2.09E-05
558375.174160502.59	558375	4160503	WRKR_474	WORKER	1.83E-02	1.00E-05	1.69E-02	1.57E-05	1.69E-02	2.22E-05
558375.174160512.59	558375	4160513	WRKR_475	WORKER	2.07E-02	1.07E-05	1.90E-02	1.68E-05	1.90E-02	2.38E-05
558375.174160522.59	558375	4160523	WRKR_476	WORKER	2.34E-02	1.15E-05	2.15E-02	1.81E-05	2.15E-02	2.56E-05
558375.174160532.59	558375	4160533	WRKR_477	WORKER	2.65E-02	1.25E-05	2.44E-02	1.97E-05	2.44E-02	2.78E-05
558385.174160362.59	558385	4160363	WRKR_478	WORKER	5.20E-03	5.70E-06	4.78E-03	8.95E-06	4.78E-03	1.27E-05
558385.174160372.59	558385	4160373	WRKR_479	WORKER	5.53E-03	5.92E-06	5.09E-03	9.30E-06	5.09E-03	1.31E-05
558385.174160382.59	558385	4160383	WRKR_480	WORKER	5.91E-03	6.13E-06	5.44E-03	9.63E-06	5.44E-03	1.36E-05
558385.174160392.59	558385	4160393	WRKR_481	WORKER	6.34E-03	6.31E-06	5.83E-03	9.92E-06	5.83E-03	1.40E-05
558385.174160402.59	558385	4160403	WRKR_482	WORKER	6.82E-03	6.55E-06	6.27E-03	1.03E-05	6.27E-03	1.46E-05
558385.174160412.59	558385	4160413	WRKR_483	WORKER	7.36E-03	6.81E-06	6.77E-03	1.07E-05	6.77E-03	1.51E-05
558385.174160422.59	558385	4160423	WRKR_484	WORKER	7.98E-03	7.07E-06	7.34E-03	1.11E-05	7.34E-03	1.57E-05
558385.174160432.59	558385	4160433	WRKR_485	WORKER	8.69E-03	7.35E-06	8.00E-03	1.16E-05	8.00E-03	1.63E-05
558385.174160442.59	558385	4160443	WRKR_486	WORKER	9.50E-03	7.67E-06	8.74E-03	1.21E-05	8.74E-03	1.70E-05
558385.174160452.59	558385	4160453	WRKR_487	WORKER	1.04E-02	8.01E-06	9.60E-03	1.26E-05	9.60E-03	1.78E-05
558385.174160462.59	558385	4160463	WRKR_488	WORKER	1.15E-02	8.39E-06	1.06E-02	1.32E-05	1.06E-02	1.86E-05
558385.174160472.59	558385	4160473	WRKR_489	WORKER	1.28E-02	8.81E-06	1.18E-02	1.38E-05	1.18E-02	1.96E-05
558385.174160482.59	558385	4160483	WRKR_490	WORKER	1.42E-02	9.28E-06	1.31E-02	1.46E-05	1.31E-02	2.06E-05
558385.174160492.59	558385	4160493	WRKR_491	WORKER	1.59E-02	9.83E-06	1.47E-02	1.54E-05	1.47E-02	2.18E-05
558385.174160502.59	558385	4160503	WRKR_492	WORKER	1.79E-02	1.05E-05	1.64E-02	1.64E-05	1.64E-02	2.32E-05
558385.174160512.59	558385	4160513	WRKR_493	WORKER	2.01E-02	1.12E-05	1.85E-02	1.76E-05	1.85E-02	2.49E-05
558385.174160522.59	558385	4160523	WRKR_494	WORKER	2.27E-02	1.21E-05	2.09E-02	1.89E-05	2.09E-02	2.68E-05
558385.174160532.59	558385	4160533	WRKR_495	WORKER	2.56E-02	1.31E-05	2.35E-02	2.06E-05	2.35E-02	2.91E-05
558395.174160362.59	558395	4160363	WRKR_496	WORKER	5.07E-03	5.94E-06	4.66E-03	9.33E-06	4.66E-03	1.32E-05
558395.174160372.59	558395	4160373	WRKR_497	WORKER	5.40E-03	6.15E-06	4.97E-03	9.67E-06	4.97E-03	1.37E-05
558395.174160382.59	558395	4160383	WRKR_498	WORKER	5.78E-03	6.37E-06	5.32E-03	1.00E-05	5.32E-03	1.41E-05
558395.174160392.59	558395	4160393	WRKR_499	WORKER	6.20E-03	6.59E-06	5.70E-03	1.04E-05	5.70E-03	1.46E-05
558395.174160402.59	558395	4160403	WRKR_500	WORKER	6.67E-03	6.83E-06	6.14E-03	1.07E-05	6.14E-03	1.52E-05
558395.174160412.59	558395	4160413	WRKR_501	WORKER	7.21E-03	7.09E-06	6.63E-03	1.11E-05	6.63E-03	1.58E-05
558395.174160422.59	558395	4160423	WRKR_502	WORKER	7.82E-03	7.37E-06	7.20E-03	1.16E-05	7.20E-03	1.64E-05
558395.174160432.59	558395	4160433	WRKR_503	WORKER	8.52E-03	7.67E-06	7.84E-03	1.21E-05	7.84E-03	1.70E-05
558395.174160442.59	558395	4160443	WRKR_504	WORKER	9.33E-03	8.00E-06	8.58E-03	1.26E-05	8.58E-03	1.78E-05
558395.174160452.59	558395	4160453	WRKR_505	WORKER	1.03E-02	8.36E-06	9.43E-03	1.31E-05	9.43E-03	1.86E-05
558395.174160462.59	558395	4160463	WRKR_506	WORKER	1.13E-02	8.76E-06	1.04E-02	1.38E-05	1.04E-02	1.95E-05
558395.174160472.59	558395	4160473	WRKR_507	WORKER	1.25E-02	9.20E-06	1.15E-02	1.44E-05	1.15E-02	2.04E-05
558395.174160482.59	558395	4160483	WRKR_508	WORKER	1.40E-02	9.69E-06	1.29E-02	1.52E-05	1.29E-02	2.15E-05
558395.174160492.59	558395	4160493	WRKR_509	WORKER	1.56E-02	1.03E-05	1.44E-02	1.61E-05	1.44E-02	2.28E-05
558395.174160502.59	558395	4160503	WRKR_510	WORKER	1.75E-02	1.09E-05	1.61E-02	1.71E-05	1.61E-02	2.42E-05
558395.174160512.59	558395	4160513	WRKR_511	WORKER	1.96E-02	1.17E-05	1.80E-02	1.84E-05	1.80E-02	2.60E-05
557513.484160678.78	557513	4160679	HOTEL_1	RESIDENT	1.52E-03	4.49E-07	1.40E-03	7.06E-07	1.40E-03	9.98E-07

RESIDENTIAL CONCENTRATIONS & DOSE

					s	X	s	X		
					3rd Tri		0<2		2<16	
					Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)	
XY	X	Y	Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
557513.484160688.78	557513	4160689	HOTEL_2	RESIDENT	1.52E-03	4.49E-07	1.40E-03	7.06E-07	1.40E-03	9.99E-07
557513.484160698.78	557513	4160699	HOTEL_3	RESIDENT	1.51E-03	4.50E-07	1.39E-03	7.07E-07	1.39E-03	9.99E-07
557513.484160708.78	557513	4160709	HOTEL_4	RESIDENT	1.51E-03	4.50E-07	1.39E-03	7.07E-07	1.39E-03	1.00E-06
557513.484160718.78	557513	4160719	HOTEL_5	RESIDENT	1.51E-03	4.51E-07	1.39E-03	7.08E-07	1.39E-03	1.00E-06
557513.484160728.78	557513	4160729	HOTEL_6	RESIDENT	1.51E-03	4.51E-07	1.39E-03	7.09E-07	1.39E-03	1.00E-06
557523.484160678.78	557523	4160679	HOTEL_7	RESIDENT	1.56E-03	4.56E-07	1.44E-03	7.17E-07	1.44E-03	1.01E-06
557523.484160688.78	557523	4160689	HOTEL_8	RESIDENT	1.56E-03	4.56E-07	1.43E-03	7.17E-07	1.43E-03	1.01E-06
557523.484160698.78	557523	4160699	HOTEL_9	RESIDENT	1.55E-03	4.57E-07	1.43E-03	7.18E-07	1.43E-03	1.01E-06
557523.484160708.78	557523	4160709	HOTEL_10	RESIDENT	1.55E-03	4.57E-07	1.43E-03	7.18E-07	1.43E-03	1.02E-06
557523.484160718.78	557523	4160719	HOTEL_11	RESIDENT	1.55E-03	4.58E-07	1.42E-03	7.19E-07	1.42E-03	1.02E-06
557523.484160728.78	557523	4160729	HOTEL_12	RESIDENT	1.55E-03	4.58E-07	1.42E-03	7.20E-07	1.42E-03	1.02E-06
557533.484160678.78	557533	4160679	HOTEL_13	RESIDENT	1.61E-03	4.64E-07	1.48E-03	7.28E-07	1.48E-03	1.03E-06
557533.484160688.78	557533	4160689	HOTEL_14	RESIDENT	1.60E-03	4.64E-07	1.47E-03	7.29E-07	1.47E-03	1.03E-06
557533.484160698.78	557533	4160699	HOTEL_15	RESIDENT	1.60E-03	4.64E-07	1.47E-03	7.29E-07	1.47E-03	1.03E-06
557533.484160708.78	557533	4160709	HOTEL_16	RESIDENT	1.59E-03	4.64E-07	1.47E-03	7.30E-07	1.47E-03	1.03E-06
557533.484160718.78	557533	4160719	HOTEL_17	RESIDENT	1.59E-03	4.65E-07	1.47E-03	7.31E-07	1.47E-03	1.03E-06
557533.484160728.78	557533	4160729	HOTEL_18	RESIDENT	1.59E-03	4.65E-07	1.46E-03	7.31E-07	1.46E-03	1.03E-06
557543.484160678.78	557543	4160679	HOTEL_19	RESIDENT	1.65E-03	4.71E-07	1.52E-03	7.40E-07	1.52E-03	1.05E-06
557543.484160688.78	557543	4160689	HOTEL_20	RESIDENT	1.65E-03	4.71E-07	1.52E-03	7.41E-07	1.52E-03	1.05E-06
557543.484160698.78	557543	4160699	HOTEL_21	RESIDENT	1.64E-03	4.71E-07	1.51E-03	7.41E-07	1.51E-03	1.05E-06
557543.484160708.78	557543	4160709	HOTEL_22	RESIDENT	1.64E-03	4.72E-07	1.51E-03	7.42E-07	1.51E-03	1.05E-06
557543.484160718.78	557543	4160719	HOTEL_23	RESIDENT	1.64E-03	4.72E-07	1.51E-03	7.42E-07	1.51E-03	1.05E-06
557543.484160728.78	557543	4160729	HOTEL_24	RESIDENT	1.64E-03	4.73E-07	1.51E-03	7.43E-07	1.51E-03	1.05E-06
557553.484160678.78	557553	4160679	HOTEL_25	RESIDENT	1.71E-03	4.80E-07	1.57E-03	7.54E-07	1.57E-03	1.07E-06
557553.484160688.78	557553	4160689	HOTEL_26	RESIDENT	1.70E-03	4.80E-07	1.57E-03	7.54E-07	1.57E-03	1.07E-06
557553.484160698.78	557553	4160699	HOTEL_27	RESIDENT	1.70E-03	4.80E-07	1.56E-03	7.54E-07	1.56E-03	1.07E-06
557553.484160708.78	557553	4160709	HOTEL_28	RESIDENT	1.69E-03	4.80E-07	1.56E-03	7.55E-07	1.56E-03	1.07E-06
557553.484160718.78	557553	4160719	HOTEL_29	RESIDENT	1.69E-03	4.81E-07	1.56E-03	7.55E-07	1.56E-03	1.07E-06
557553.484160728.78	557553	4160729	HOTEL_30	RESIDENT	1.69E-03	4.81E-07	1.56E-03	7.56E-07	1.56E-03	1.07E-06
557563.484160678.78	557563	4160679	HOTEL_31	RESIDENT	1.77E-03	4.88E-07	1.62E-03	7.67E-07	1.62E-03	1.08E-06
557563.484160688.78	557563	4160689	HOTEL_32	RESIDENT	1.76E-03	4.88E-07	1.62E-03	7.67E-07	1.62E-03	1.08E-06
557563.484160698.78	557563	4160699	HOTEL_33	RESIDENT	1.75E-03	4.88E-07	1.61E-03	7.67E-07	1.61E-03	1.08E-06
557563.484160708.78	557563	4160709	HOTEL_34	RESIDENT	1.75E-03	4.89E-07	1.61E-03	7.68E-07	1.61E-03	1.09E-06
557563.484160718.78	557563	4160719	HOTEL_35	RESIDENT	1.74E-03	4.89E-07	1.60E-03	7.68E-07	1.60E-03	1.09E-06
557563.484160728.78	557563	4160729	HOTEL_36	RESIDENT	1.74E-03	4.89E-07	1.60E-03	7.69E-07	1.60E-03	1.09E-06
557573.484160678.78	557573	4160679	HOTEL_37	RESIDENT	1.82E-03	4.96E-07	1.67E-03	7.79E-07	1.67E-03	1.10E-06
557573.484160688.78	557573	4160689	HOTEL_38	RESIDENT	1.81E-03	4.96E-07	1.67E-03	7.80E-07	1.67E-03	1.10E-06
557573.484160698.78	557573	4160699	HOTEL_39	RESIDENT	1.81E-03	4.97E-07	1.66E-03	7.80E-07	1.66E-03	1.10E-06
557573.484160708.78	557573	4160709	HOTEL_40	RESIDENT	1.80E-03	4.97E-07	1.66E-03	7.81E-07	1.66E-03	1.10E-06
557573.484160718.78	557573	4160719	HOTEL_41	RESIDENT	1.80E-03	4.97E-07	1.65E-03	7.81E-07	1.65E-03	1.10E-06
557573.484160728.78	557573	4160729	HOTEL_42	RESIDENT	1.80E-03	4.98E-07	1.65E-03	7.82E-07	1.65E-03	1.11E-06
557583.484160678.78	557583	4160679	HOTEL_43	RESIDENT	1.87E-03	5.04E-07	1.72E-03	7.92E-07	1.72E-03	1.12E-06
557583.484160688.78	557583	4160689	HOTEL_44	RESIDENT	1.86E-03	5.04E-07	1.72E-03	7.93E-07	1.72E-03	1.12E-06
557583.484160698.78	557583	4160699	HOTEL_45	RESIDENT	1.86E-03	5.05E-07	1.71E-03	7.93E-07	1.71E-03	1.12E-06
557583.484160708.78	557583	4160709	HOTEL_46	RESIDENT	1.86E-03	5.06E-07	1.71E-03	7.95E-07	1.71E-03	1.12E-06
557583.484160718.78	557583	4160719	HOTEL_47	RESIDENT	1.85E-03	5.06E-07	1.71E-03	7.95E-07	1.71E-03	1.12E-06
557583.484160728.78	557583	4160729	HOTEL_48	RESIDENT	1.85E-03	5.06E-07	1.70E-03	7.95E-07	1.70E-03	1.12E-06
557593.484160678.78	557593	4160679	HOTEL_49	RESIDENT	1.93E-03	5.13E-07	1.78E-03	8.06E-07	1.78E-03	1.14E-06
557593.484160688.78	557593	4160689	HOTEL_50	RESIDENT	1.93E-03	5.13E-07	1.77E-03	8.07E-07	1.77E-03	1.14E-06
557593.484160698.78	557593	4160699	HOTEL_51	RESIDENT	1.92E-03	5.14E-07	1.77E-03	8.07E-07	1.77E-03	1.14E-06
557593.484160708.78	557593	4160709	HOTEL_52	RESIDENT	1.92E-03	5.14E-07	1.76E-03	8.08E-07	1.76E-03	1.14E-06
557593.484160718.78	557593	4160719	HOTEL_53	RESIDENT	1.91E-03	5.14E-07	1.76E-03	8.08E-07	1.76E-03	1.14E-06
557593.484160728.78	557593	4160729	HOTEL_54	RESIDENT	1.91E-03	5.15E-07	1.76E-03	8.09E-07	1.76E-03	1.14E-06
557603.484160678.78	557603	4160679	HOTEL_55	RESIDENT	1.99E-03	5.22E-07	1.83E-03	8.21E-07	1.83E-03	1.16E-06
557603.484160688.78	557603	4160689	HOTEL_56	RESIDENT	1.99E-03	5.23E-07	1.83E-03	8.21E-07	1.83E-03	1.16E-06
557603.484160698.78	557603	4160699	HOTEL_57	RESIDENT	1.98E-03	5.23E-07	1.83E-03	8.22E-07	1.83E-03	1.16E-06
557603.484160708.78	557603	4160709	HOTEL_58	RESIDENT	1.98E-03	5.23E-07	1.82E-03	8.22E-07	1.82E-03	1.16E-06
557603.484160718.78	557603	4160719	HOTEL_59	RESIDENT	1.98E-03	5.24E-07	1.82E-03	8.23E-07	1.82E-03	1.16E-06
557613.484160678.78	557613	4160679	HOTEL_60	RESIDENT	2.07E-03	5.32E-07	1.90E-03	8.37E-07	1.90E-03	1.18E-06
557613.484160688.78	557613	4160689	HOTEL_61	RESIDENT	2.06E-03	5.32E-07	1.90E-03	8.37E-07	1.90E-03	1.18E-06
557613.484160698.78	557613	4160699	HOTEL_62	RESIDENT	2.05E-03	5.32E-07	1.89E-03	8.37E-07	1.89E-03	1.18E-06
557613.484160708.78	557613	4160709	HOTEL_63	RESIDENT	2.05E-03	5.33E-07	1.89E-03	8.37E-07	1.89E-03	1.18E-06
557623.484160688.78	557623	4160689	HOTEL_64	RESIDENT	2.13E-03	5.42E-07	1.96E-03	8.52E-07	1.96E-03	1.20E-06
557623.484160698.78	557623	4160699	HOTEL_65	RESIDENT	2.12E-03	5.42E-07	1.95E-03	8.52E-07	1.95E-03	1.20E-06
557623.484160708.78	557623	4160709	HOTEL_66	RESIDENT	2.12E-03	5.43E-07	1.95E-03	8.53E-07	1.95E-03	1.21E-06
558477.664160568.94	558478	4160569	WRKR_512	WORKER	2.75E-02	3.04E-05	2.53E-02	4.77E-05	2.53E-02	6.75E-05
558477.664160578.94	558478	4160579	WRKR_513	WORKER	3.02E-02	3.51E-05	2.78E-02	5.52E-05	2.78E-02	7.81E-05
558477.664160588.94	558478	4160589	WRKR_514	WORKER	3.31E-02	4.15E-05	3.05E-02	6.53E-05	3.05E-02	9.23E-05
558477.664160598.94	558478	4160599	WRKR_515	WORKER	3.63E-02	5.04E-05	3.34E-02	7.93E-05	3.34E-02	1.12E-04
558487.664160568.94	558488	4160569	WRKR_516	WORKER	2.62E-02	3.16E-05	2.41E-02	4.97E-05	2.41E-02	7.02E-05
558487.664160578.94	558488	4160579	WRKR_517	WORKER	2.85E-02	3.60E-05	2.63E-02	5.66E-05	2.63E-02	8.00E-05
558487.664160588.94	558488	4160589	WRKR_518	WORKER	3.10E-02	4.17E-05	2.86E-02	6.55E-05	2.86E-02	9.26E-05
558487.664160598.94	558488	4160599	WRKR_519	WORKER	3.37E-02	4.96E-05	3.10E-02	7.79E-05	3.10E-02	1.10E-04
558497.664160568.94	558498	4160569	WRKR_520	WORKER	2.53E-02	3.34E-05	2.33E-02	5.26E-05	2.33E-02	7.43E-05
558497.664160578.94	558498	4160579	WRKR_521	WORKER	2.74E-02	3.77E-05	2.52E-02	5.92E-05	2.52E-02	8.37E-05
558497.664160588.94	558498	4160589	WRKR_522	WORKER	2.96E-02	4.34E-05	2.73E-02	6.81E-05	2.73E-02	9.63E-05
558497.664160598.94	558498	4160599	WRKR_523	WORKER	3.20E-02	5.11E-05	2.94E-02	8.04E-05	2.94E-02	1.14E-04
558507.664160568.94	558508	4160569	WRKR_524	WORKER	2.45E-02	3.65E-05	2.26E-02	5.74E-05	2.26E-02	8.11E-05
558507.664160578.94	558508	4160579	WRKR_525	WORKER	2.64E-02	4.06E-05	2.43E-02	6.39E-05	2.43E-02	9.03E-05
558507.664160588.94	558508	4160589	WRKR_526	WORKER	2.85E-02	4.68E-05	2.62E-02	7.36E-05	2.62E-02	1.04E-04
558507.664160598.94	558508	4160599	WRKR_527	WORKER	3.05E-02	5.53E-05	2.81E-02	8.69E-05	2.81E-02	1.23E-04
558517.664160568.94	558518	4160569	WRKR_528	WORKER	2.37E-02	4.01E-05	2.18E-02	6.30E-05	2.18E-02	8.91E-05
558517.664160578.94	558518	4160579	WRKR_529	WORKER	2.55E-02	4.46E-05	2.34E-02	7.00E-05	2.34E-02	9.90E-05
558517.664160588.94	558518	4160589	WRKR_530	WORKER	2.72E-02	5.08E-05	2.51E-02	7.99E-05	2.51E-02	1.13E-04
558517.664160598.94	558518	4160599	WRKR_531	WORKER	2.90E-02	6.03E-05	2.67E-02	9.47E-05	2.67E-02	1.34E-04
558527.664160568.94	558528	4160569	WRKR_532	WORKER	2.29E-02	4.45E-05	2.11E-02	7.00E-05	2.11E-02	9.89E-05
558527.664160578.94	558528	4160579	WRKR_533	WORKER	2.44E-02	4.96E-05	2.25E-02	7.79E-05	2.25E-02	1.10E-04
558527.664160588.94	558528	4160589	WRKR_534	WORKER	2.60E-02	5.65E-05	2.39E-02	8.88E-05	2.39E-02	1.26E-04
558527.664160598.94	558528	4160599	WRKR_535	WORKER	2.76E-02	5.23E-05	2.54E-02	8.22E-05	2.54E-02	1.16E-04
558537.664160568.94	558538	4160569	WRKR_536	WORKER	2.21E-02	5.08E-05	2.03E-02	7.98E-05	2.03E-02	1.13E-04
558537.664160578.94	558538	4160579	WRKR_537	WORKER	2.34E-02	5.65E-05	2.16E-02	8.88E-05	2.16E-02	1.26E-04
558537.664160588.94	558538	4160589	WRKR_538	WORKER	2.48E-02	4.76E-05	2.28E-02	7.49E-05	2.28E-02	1.06E-04
558537.664160598.94	558538	4160599	WRKR_539	WORKER	2.61E-02	5.31E-05	2.40E-02	8.35E-05	2.40E-02	1.18E-04
558547.664160568.94	558548	4160569	WRKR_540	WORKER	2.13E-02	5.97E-05	1.96E-02	9.38E-05	1.96E-02	1.33E-04
558547.664160578.94	558548	4160579	WRKR_541	WORKER	2.25E-02	4.71E-05	2.07E-02	7.40E-05	2.07E-02	1.05E-04
558547.664160588.94	558548	4160589	WRKR_542	WORKER	2.36E-02	3.53E-05	2.17E-02	5.55E-05	2.17E-02	7.85E-05
558557.664160568.94	558558	4160569	WRKR_543	WORKER	2.05E-02	3.35E-05	1.88E-02	5.27E-05	1.88E-02	7.45E-05
558600.644160569.24	558601	4160569	WRKR_544	WORKER	1.73E-02	4.33E-05	1.59E-02	6.80E-05	1.59E-02	9.61E-05
558600.644160579.24	558601	4160579	WRKR_545	WORKER	1.78E-02	4.42E-05	1.64E-02	6.94E-05	1.64E-02	9.82E-05
558600.644160589.24	558601	4160589	WRKR_546	WORKER	1.83E-02	5.31E-05	1.69E-02	8.35E-05	1.69E-02	1.18E-04
558600.644160599.24	558601	4160599	WRKR_547	WORKER	1.87E-02	4.81E-05	1.73E-02	7.57E-05	1.73E-02	1.07E-04
558610.644160569.24	558611	4160569	WRKR_548	WORKER	1.65E-02	5.21E-05	1.52E-02	8.18E-05	1.52E-02	1.16E-04
558610.644160579.24	558611	4160579	WRKR_549	WORKER	1.70E-02	4.81E-05	1.56E-02	7.56E-05	1.56E-02	1.07E-04

RESIDENTIAL CONCENTRATIONS & DOSE

					s	X	s	X		
					3rd Tri		0<2		2<16	
					Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)	
XY	X	Y	Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558610.644160589.24	558611	4160589	WRKR_550	WORKER	1.74E-02	4.43E-05	1.60E-02	6.96E-05	1.60E-02	9.85E-05
558610.644160599.24	558611	4160599	WRKR_551	WORKER	1.77E-02	4.02E-05	1.63E-02	6.32E-05	1.63E-02	8.94E-05
558620.644160569.24	558621	4160569	WRKR_552	WORKER	1.58E-02	4.44E-05	1.46E-02	6.97E-05	1.46E-02	9.86E-05
558620.644160579.24	558621	4160579	WRKR_553	WORKER	1.62E-02	4.10E-05	1.49E-02	6.44E-05	1.49E-02	9.11E-05
558620.644160589.24	558621	4160589	WRKR_554	WORKER	1.66E-02	3.79E-05	1.52E-02	5.95E-05	1.52E-02	8.42E-05
558620.644160599.24	558621	4160599	WRKR_555	WORKER	1.68E-02	3.45E-05	1.55E-02	5.42E-05	1.55E-02	7.67E-05
558630.644160569.24	558631	4160569	WRKR_556	WORKER	1.51E-02	3.82E-05	1.39E-02	6.01E-05	1.39E-02	8.49E-05
558630.644160579.24	558631	4160579	WRKR_557	WORKER	1.55E-02	3.56E-05	1.42E-02	5.59E-05	1.42E-02	7.90E-05
558630.644160589.24	558631	4160589	WRKR_558	WORKER	1.57E-02	3.27E-05	1.45E-02	5.14E-05	1.45E-02	7.27E-05
558630.644160599.24	558631	4160599	WRKR_559	WORKER	1.59E-02	2.98E-05	1.47E-02	4.68E-05	1.47E-02	6.62E-05
558640.644160569.24	558641	4160569	WRKR_560	WORKER	1.45E-02	3.33E-05	1.33E-02	5.24E-05	1.33E-02	7.40E-05
558640.644160579.24	558641	4160579	WRKR_561	WORKER	1.47E-02	3.10E-05	1.36E-02	4.87E-05	1.36E-02	6.89E-05
558640.644160589.24	558641	4160589	WRKR_562	WORKER	1.49E-02	2.85E-05	1.38E-02	4.47E-05	1.38E-02	6.33E-05
558640.644160599.24	558641	4160599	WRKR_563	WORKER	1.51E-02	2.59E-05	1.39E-02	4.08E-05	1.39E-02	5.77E-05
558650.644160569.24	558651	4160569	WRKR_564	WORKER	1.38E-02	2.93E-05	1.27E-02	4.60E-05	1.27E-02	6.51E-05
558650.644160579.24	558651	4160579	WRKR_565	WORKER	1.40E-02	2.73E-05	1.29E-02	4.29E-05	1.29E-02	6.06E-05
558650.644160589.24	558651	4160589	WRKR_566	WORKER	1.42E-02	2.51E-05	1.31E-02	3.95E-05	1.31E-02	5.58E-05
558650.644160599.24	558651	4160599	WRKR_567	WORKER	1.43E-02	2.30E-05	1.32E-02	3.62E-05	1.32E-02	5.12E-05
558660.644160569.24	558661	4160569	WRKR_568	WORKER	1.32E-02	2.63E-05	1.21E-02	4.14E-05	1.21E-02	5.85E-05
558660.644160579.24	558661	4160579	WRKR_569	WORKER	1.34E-02	2.45E-05	1.23E-02	3.85E-05	1.23E-02	5.44E-05
558660.644160589.24	558661	4160589	WRKR_570	WORKER	1.35E-02	2.26E-05	1.24E-02	3.55E-05	1.24E-02	5.01E-05
558660.644160599.24	558661	4160599	WRKR_571	WORKER	1.36E-02	2.08E-05	1.25E-02	3.27E-05	1.25E-02	4.63E-05
558670.644160569.24	558671	4160569	WRKR_572	WORKER	1.26E-02	2.38E-05	1.16E-02	3.74E-05	1.16E-02	5.29E-05
558670.644160579.24	558671	4160579	WRKR_573	WORKER	1.28E-02	2.21E-05	1.18E-02	3.47E-05	1.18E-02	4.91E-05
558670.644160589.24	558671	4160589	WRKR_574	WORKER	1.29E-02	2.04E-05	1.18E-02	3.21E-05	1.18E-02	4.54E-05
558495.44160499.48	558495	4160499	WRKR_575	WORKER	1.43E-02	1.96E-05	1.32E-02	3.07E-05	1.32E-02	4.35E-05
558495.44160509.48	558495	4160509	WRKR_576	WORKER	1.56E-02	2.07E-05	1.44E-02	3.25E-05	1.44E-02	4.60E-05
558495.44160519.48	558495	4160519	WRKR_577	WORKER	1.70E-02	2.20E-05	1.56E-02	3.46E-05	1.56E-02	4.89E-05
558495.44160529.48	558495	4160529	WRKR_578	WORKER	1.85E-02	2.35E-05	1.71E-02	3.69E-05	1.71E-02	5.22E-05
558505.44160499.48	558505	4160499	WRKR_579	WORKER	1.41E-02	2.17E-05	1.30E-02	3.41E-05	1.30E-02	4.82E-05
558505.44160509.48	558505	4160509	WRKR_580	WORKER	1.54E-02	2.29E-05	1.42E-02	3.60E-05	1.42E-02	5.09E-05
558505.44160519.48	558505	4160519	WRKR_581	WORKER	1.67E-02	2.43E-05	1.54E-02	3.82E-05	1.54E-02	5.40E-05
558505.44160529.48	558505	4160529	WRKR_582	WORKER	1.82E-02	2.59E-05	1.67E-02	4.06E-05	1.67E-02	5.75E-05
558515.44160499.48	558515	4160499	WRKR_583	WORKER	1.40E-02	2.44E-05	1.28E-02	3.83E-05	1.28E-02	5.42E-05
558515.44160509.48	558515	4160509	WRKR_584	WORKER	1.52E-02	2.57E-05	1.39E-02	4.04E-05	1.39E-02	5.72E-05
558515.44160519.48	558515	4160519	WRKR_585	WORKER	1.64E-02	2.72E-05	1.51E-02	4.27E-05	1.51E-02	6.04E-05
558515.44160529.48	558515	4160529	WRKR_586	WORKER	1.78E-02	2.88E-05	1.64E-02	4.52E-05	1.64E-02	6.40E-05
558525.44160499.48	558525	4160499	WRKR_587	WORKER	1.38E-02	2.77E-05	1.27E-02	4.36E-05	1.27E-02	6.16E-05
558525.44160509.48	558525	4160509	WRKR_588	WORKER	1.49E-02	2.93E-05	1.37E-02	4.60E-05	1.37E-02	6.51E-05
558525.44160519.48	558525	4160519	WRKR_589	WORKER	1.62E-02	3.09E-05	1.49E-02	4.86E-05	1.49E-02	6.87E-05
558525.44160529.48	558525	4160529	WRKR_590	WORKER	1.75E-02	3.27E-05	1.61E-02	5.14E-05	1.61E-02	7.26E-05
558535.44160499.48	558535	4160499	WRKR_591	WORKER	1.36E-02	3.22E-05	1.25E-02	5.05E-05	1.25E-02	7.15E-05
558535.44160509.48	558535	4160509	WRKR_592	WORKER	1.47E-02	3.40E-05	1.35E-02	5.34E-05	1.35E-02	7.55E-05
558535.44160519.48	558535	4160519	WRKR_593	WORKER	1.59E-02	3.58E-05	1.46E-02	5.63E-05	1.46E-02	7.96E-05
558535.44160529.48	558535	4160529	WRKR_594	WORKER	1.71E-02	3.78E-05	1.58E-02	5.94E-05	1.58E-02	8.40E-05
558545.44160499.48	558545	4160499	WRKR_595	WORKER	1.34E-02	3.79E-05	1.24E-02	5.95E-05	1.24E-02	8.42E-05
558545.44160509.48	558545	4160509	WRKR_596	WORKER	1.45E-02	4.01E-05	1.33E-02	6.31E-05	1.33E-02	8.92E-05
558545.44160519.48	558545	4160519	WRKR_597	WORKER	1.56E-02	4.24E-05	1.44E-02	6.66E-05	1.44E-02	9.42E-05
558545.44160529.48	558545	4160529	WRKR_598	WORKER	1.68E-02	4.46E-05	1.54E-02	7.02E-05	1.54E-02	9.92E-05
558555.44160499.48	558555	4160499	WRKR_599	WORKER	1.33E-02	4.57E-05	1.22E-02	7.19E-05	1.22E-02	1.02E-04
558555.44160509.48	558555	4160509	WRKR_600	WORKER	1.43E-02	4.85E-05	1.31E-02	7.62E-05	1.31E-02	1.08E-04
558555.44160519.48	558555	4160519	WRKR_601	WORKER	1.53E-02	5.12E-05	1.41E-02	8.04E-05	1.41E-02	1.14E-04
558555.44160529.48	558555	4160529	WRKR_602	WORKER	1.64E-02	5.41E-05	1.51E-02	8.50E-05	1.51E-02	1.20E-04
558565.44160499.48	558565	4160499	WRKR_603	WORKER	1.31E-02	3.96E-05	1.20E-02	6.23E-05	1.20E-02	8.81E-05
558565.44160509.48	558565	4160509	WRKR_604	WORKER	1.40E-02	4.37E-05	1.29E-02	6.86E-05	1.29E-02	9.70E-05
558565.44160519.48	558565	4160519	WRKR_605	WORKER	1.50E-02	3.12E-05	1.38E-02	4.90E-05	1.38E-02	6.93E-05
558565.44160529.48	558565	4160529	WRKR_606	WORKER	1.60E-02	4.51E-05	1.47E-02	7.09E-05	1.47E-02	1.00E-04
558618.984160498.88	558619	4160499	WRKR_607	WORKER	1.18E-02	3.32E-05	1.09E-02	5.21E-05	1.09E-02	7.37E-05
558618.984160508.88	558619	4160509	WRKR_608	WORKER	1.24E-02	4.38E-05	1.15E-02	6.88E-05	1.15E-02	9.73E-05
558618.984160518.88	558619	4160519	WRKR_609	WORKER	1.31E-02	4.39E-05	1.21E-02	6.90E-05	1.21E-02	9.75E-05
558618.984160528.88	558619	4160529	WRKR_610	WORKER	1.37E-02	5.56E-05	1.26E-02	8.74E-05	1.26E-02	1.24E-04
558628.984160498.88	558629	4160499	WRKR_611	WORKER	1.15E-02	5.69E-05	1.06E-02	8.94E-05	1.06E-02	1.26E-04
558628.984160508.88	558629	4160509	WRKR_612	WORKER	1.21E-02	5.29E-05	1.12E-02	8.31E-05	1.12E-02	1.18E-04
558628.984160518.88	558629	4160519	WRKR_613	WORKER	1.27E-02	4.99E-05	1.17E-02	7.84E-05	1.17E-02	1.11E-04
558628.984160528.88	558629	4160529	WRKR_614	WORKER	1.33E-02	4.76E-05	1.23E-02	7.48E-05	1.23E-02	1.06E-04
558638.984160498.88	558639	4160499	WRKR_615	WORKER	1.13E-02	4.97E-05	1.04E-02	7.81E-05	1.04E-02	1.10E-04
558638.984160508.88	558639	4160509	WRKR_616	WORKER	1.18E-02	4.64E-05	1.09E-02	7.29E-05	1.09E-02	1.03E-04
558638.984160518.88	558639	4160519	WRKR_617	WORKER	1.24E-02	4.38E-05	1.14E-02	6.89E-05	1.14E-02	9.74E-05
558638.984160528.88	558639	4160529	WRKR_618	WORKER	1.29E-02	4.18E-05	1.19E-02	6.57E-05	1.19E-02	9.29E-05
558648.984160498.88	558649	4160499	WRKR_619	WORKER	1.10E-02	4.45E-05	1.01E-02	6.99E-05	1.01E-02	9.88E-05
558648.984160508.88	558649	4160509	WRKR_620	WORKER	1.15E-02	4.14E-05	1.06E-02	6.51E-05	1.06E-02	9.21E-05
558648.984160518.88	558649	4160519	WRKR_621	WORKER	1.20E-02	3.91E-05	1.10E-02	6.15E-05	1.10E-02	8.70E-05
558648.984160528.88	558649	4160529	WRKR_622	WORKER	1.25E-02	3.73E-05	1.15E-02	5.86E-05	1.15E-02	8.28E-05
558658.984160498.88	558659	4160499	WRKR_623	WORKER	1.07E-02	4.06E-05	9.88E-03	6.39E-05	9.88E-03	9.03E-05
558658.984160508.88	558659	4160509	WRKR_624	WORKER	1.12E-02	3.78E-05	1.03E-02	5.94E-05	1.03E-02	8.40E-05
558658.984160518.88	558659	4160519	WRKR_625	WORKER	1.16E-02	3.55E-05	1.07E-02	5.58E-05	1.07E-02	7.88E-05
558658.984160528.88	558659	4160529	WRKR_626	WORKER	1.21E-02	3.37E-05	1.11E-02	5.29E-05	1.11E-02	7.48E-05
558668.984160498.88	558669	4160499	WRKR_627	WORKER	1.05E-02	3.74E-05	9.63E-03	5.87E-05	9.63E-03	8.30E-05
558668.984160508.88	558669	4160509	WRKR_628	WORKER	1.09E-02	3.46E-05	1.00E-02	5.44E-05	1.00E-02	7.69E-05
558668.984160518.88	558669	4160519	WRKR_629	WORKER	1.13E-02	3.24E-05	1.04E-02	5.10E-05	1.04E-02	7.21E-05
558668.984160528.88	558669	4160529	WRKR_630	WORKER	1.16E-02	3.07E-05	1.07E-02	4.82E-05	1.07E-02	6.81E-05
558678.984160498.88	558679	4160499	WRKR_631	WORKER	1.02E-02	3.47E-05	9.38E-03	5.46E-05	9.38E-03	7.72E-05
558678.984160508.88	558679	4160509	WRKR_632	WORKER	1.06E-02	3.21E-05	9.72E-03	5.04E-05	9.72E-03	7.12E-05
558678.984160518.88	558679	4160519	WRKR_633	WORKER	1.09E-02	2.99E-05	1.00E-02	4.70E-05	1.00E-02	6.65E-05
558678.984160528.88	558679	4160529	WRKR_634	WORKER	1.12E-02	2.82E-05	1.03E-02	4.43E-05	1.03E-02	6.26E-05
558688.984160498.88	558689	4160499	WRKR_635	WORKER	9.91E-03	3.24E-05	9.12E-03	5.10E-05	9.12E-03	7.21E-05
558688.984160508.88	558689	4160509	WRKR_636	WORKER	1.03E-02	2.98E-05	9.43E-03	4.69E-05	9.43E-03	6.63E-05
558688.984160518.88	558689	4160519	WRKR_637	WORKER	1.06E-02	2.78E-05	9.73E-03	4.37E-05	9.73E-03	6.18E-05
558444.414160372.35	558444	4160372	WRKR_638	WORKER	4.99E-03	7.75E-06	4.59E-03	1.22E-05	4.59E-03	1.72E-05
558454.414160382.35	558454	4160382	WRKR_639	WORKER	5.25E-03	8.31E-06	4.83E-03	1.31E-05	4.83E-03	1.85E-05
558454.414160392.35	558454	4160392	WRKR_640	WORKER	5.66E-03	8.63E-06	5.21E-03	1.36E-05	5.21E-03	1.92E-05
558454.414160402.35	558454	4160402	WRKR_641	WORKER	6.13E-03	8.97E-06	5.64E-03	1.41E-05	5.64E-03	1.99E-05
558464.414160382.35	558464	4160382	WRKR_642	WORKER	5.22E-03	8.77E-06	4.81E-03	1.38E-05	4.81E-03	1.95E-05
558464.414160392.35	558464	4160392	WRKR_643	WORKER	5.64E-03	9.12E-06	5.19E-03	1.43E-05	5.19E-03	2.03E-05
558464.414160402.35	558464	4160402	WRKR_644	WORKER	6.11E-03	9.51E-06	5.63E-03	1.49E-05	5.63E-03	2.11E-05
558474.414160382.35	558474	4160382	WRKR_645	WORKER	5.21E-03	9.29E-06	4.79E-03	1.46E-05	4.79E-03	2.06E-05
558474.414160392.35	558474	4160392	WRKR_646	WORKER	5.62E-03	9.66E-06	5.17E-03	1.52E-05	5.17E-03	2.15E-05
558474.414160402.35	558474	4160402	WRKR_647	WORKER	6.08E-03	1.01E-05	5.60E-03	1.58E-05	5.60E-03	2.24E-05
558484.414160382.35	558484	4160382	WRKR_648	WORKER	5.19E-03	9.85E-06	4.78E-03	1.55E-05	4.78E-03	2.19E-05
558484.414160392.35	558484	4160392	WRKR_649	WORKER	5.59E-03	1.02E-05	5.14E-03	1.60E-05	5.14E-03	2.27E-05
558484.414160402.35	558484	4160402	WRKR_650	WORKER	6.03E-03	1.06E-05	5.55E-03	1.66E-05	5.55E-03	2.35E-05
558494.414160382.35	558494	4160382	WRKR_651	WORKER	5.20E-03	1.05E-05	4.78E-03	1.65E-05	4.78E-03	2.33E-05
558494.414160392.35	558494	4160392	WRKR_652	WORKER	5.59E-03	1.09E-05	5.14E-03	1.71E-05	5.14E-03	2.42E-05

RESIDENTIAL CONCENTRATIONS & DOSE

					s	X	s	X		
					3rd Tri		0<2		2<16	
					Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)	
XY	X	Y	Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558494.414160402.35	558494	4160402	WRKR_653	WORKER	6.03E-03	1.13E-05	5.55E-03	1.78E-05	5.55E-03	2.51E-05
558504.414160382.35	558504	4160382	WRKR_654	WORKER	5.21E-03	1.12E-05	4.79E-03	1.76E-05	4.79E-03	2.49E-05
558504.414160392.35	558504	4160392	WRKR_655	WORKER	5.64E-03	1.18E-05	5.19E-03	1.85E-05	5.19E-03	2.62E-05
558504.414160402.35	558504	4160402	WRKR_656	WORKER	6.14E-03	1.25E-05	5.65E-03	1.97E-05	5.65E-03	2.78E-05
558514.414160382.35	558514	4160382	WRKR_657	WORKER	5.23E-03	1.20E-05	4.81E-03	1.89E-05	4.81E-03	2.67E-05
558514.414160392.35	558514	4160392	WRKR_658	WORKER	5.66E-03	1.27E-05	5.20E-03	2.00E-05	5.20E-03	2.82E-05
558514.414160402.35	558514	4160402	WRKR_659	WORKER	6.17E-03	1.36E-05	5.68E-03	2.13E-05	5.68E-03	3.01E-05
558524.414160392.35	558524	4160392	WRKR_660	WORKER	5.68E-03	1.37E-05	5.23E-03	2.16E-05	5.23E-03	3.05E-05
558524.414160402.35	558524	4160402	WRKR_661	WORKER	6.18E-03	1.47E-05	5.69E-03	2.31E-05	5.69E-03	3.27E-05
558581.824160392.36	558582	4160392	WRKR_662	WORKER	5.88E-03	2.35E-05	5.41E-03	3.69E-05	5.41E-03	5.22E-05
558581.824160402.36	558582	4160402	WRKR_663	WORKER	6.33E-03	2.63E-05	5.83E-03	4.14E-05	5.83E-03	5.85E-05
558581.824160412.36	558582	4160412	WRKR_664	WORKER	6.82E-03	2.98E-05	6.28E-03	4.68E-05	6.28E-03	6.61E-05
558581.824160422.36	558582	4160422	WRKR_665	WORKER	7.35E-03	3.39E-05	6.76E-03	5.32E-05	6.76E-03	7.52E-05
558591.824160392.36	558592	4160392	WRKR_666	WORKER	5.90E-03	2.56E-05	5.43E-03	4.02E-05	5.43E-03	5.68E-05
558591.824160402.36	558592	4160402	WRKR_667	WORKER	6.34E-03	2.90E-05	5.84E-03	4.55E-05	5.84E-03	6.44E-05
558591.824160412.36	558592	4160412	WRKR_668	WORKER	6.83E-03	3.31E-05	6.28E-03	5.21E-05	6.28E-03	7.37E-05
558591.824160422.36	558592	4160422	WRKR_669	WORKER	7.34E-03	3.83E-05	6.76E-03	6.02E-05	6.76E-03	8.52E-05
558601.824160382.36	558602	4160382	WRKR_670	WORKER	5.50E-03	2.45E-05	5.07E-03	3.85E-05	5.07E-03	5.45E-05
558601.824160392.36	558602	4160392	WRKR_671	WORKER	5.91E-03	2.77E-05	5.44E-03	4.36E-05	5.44E-03	6.16E-05
558601.824160402.36	558602	4160402	WRKR_672	WORKER	6.35E-03	3.17E-05	5.85E-03	4.99E-05	5.85E-03	7.05E-05
558601.824160412.36	558602	4160412	WRKR_673	WORKER	6.83E-03	3.68E-05	6.28E-03	5.78E-05	6.28E-03	8.17E-05
558601.824160422.36	558602	4160422	WRKR_674	WORKER	7.33E-03	4.31E-05	6.74E-03	6.77E-05	6.74E-03	9.58E-05
558611.824160382.36	558612	4160382	WRKR_675	WORKER	5.53E-03	2.60E-05	5.09E-03	4.09E-05	5.09E-03	5.79E-05
558611.824160392.36	558612	4160392	WRKR_676	WORKER	5.93E-03	2.96E-05	5.46E-03	4.65E-05	5.46E-03	6.58E-05
558611.824160402.36	558612	4160402	WRKR_677	WORKER	6.36E-03	3.46E-05	5.86E-03	5.44E-05	5.86E-03	7.69E-05
558611.824160412.36	558612	4160412	WRKR_678	WORKER	6.82E-03	4.05E-05	6.28E-03	6.37E-05	6.28E-03	9.01E-05
558611.824160422.36	558612	4160422	WRKR_679	WORKER	7.31E-03	4.83E-05	6.73E-03	7.59E-05	6.73E-03	1.07E-04
558621.824160382.36	558622	4160382	WRKR_680	WORKER	5.54E-03	2.78E-05	5.10E-03	4.37E-05	5.10E-03	6.18E-05
558621.824160392.36	558622	4160392	WRKR_681	WORKER	5.94E-03	3.18E-05	5.47E-03	5.00E-05	5.47E-03	7.08E-05
558621.824160402.36	558622	4160402	WRKR_682	WORKER	6.37E-03	3.75E-05	5.86E-03	5.90E-05	5.86E-03	8.34E-05
558621.824160412.36	558622	4160412	WRKR_683	WORKER	6.81E-03	4.48E-05	6.27E-03	7.04E-05	6.27E-03	9.96E-05
558621.824160422.36	558622	4160422	WRKR_684	WORKER	7.29E-03	3.71E-05	6.71E-03	5.83E-05	6.71E-03	8.24E-05
558631.824160382.36	558632	4160382	WRKR_685	WORKER	5.56E-03	2.97E-05	5.12E-03	4.67E-05	5.12E-03	6.60E-05
558631.824160392.36	558632	4160392	WRKR_686	WORKER	5.95E-03	3.41E-05	5.48E-03	5.36E-05	5.48E-03	7.58E-05
558631.824160402.36	558632	4160402	WRKR_687	WORKER	6.36E-03	4.06E-05	5.86E-03	6.38E-05	5.86E-03	9.02E-05
558641.824160382.36	558642	4160382	WRKR_688	WORKER	5.57E-03	3.15E-05	5.12E-03	4.95E-05	5.12E-03	6.99E-05
558641.824160392.36	558642	4160392	WRKR_689	WORKER	5.95E-03	3.64E-05	5.48E-03	5.72E-05	5.48E-03	8.09E-05
558641.824160402.36	558642	4160402	WRKR_690	WORKER	6.36E-03	4.39E-05	5.85E-03	6.90E-05	5.85E-03	9.76E-05
558651.824160382.36	558652	4160382	WRKR_691	WORKER	5.58E-03	3.38E-05	5.13E-03	5.32E-05	5.13E-03	7.52E-05
558651.824160392.36	558652	4160392	WRKR_692	WORKER	5.95E-03	3.93E-05	5.48E-03	6.17E-05	5.48E-03	8.73E-05
558651.824160402.36	558652	4160402	WRKR_693	WORKER	6.34E-03	4.77E-05	5.84E-03	7.50E-05	5.84E-03	1.06E-04
558661.824160382.36	558662	4160382	WRKR_694	WORKER	5.58E-03	3.65E-05	5.13E-03	5.73E-05	5.13E-03	8.10E-05
558661.824160392.36	558662	4160392	WRKR_695	WORKER	5.94E-03	4.23E-05	5.47E-03	6.65E-05	5.47E-03	9.40E-05
558661.824160402.36	558662	4160402	WRKR_696	WORKER	6.33E-03	5.18E-05	5.82E-03	8.14E-05	5.82E-03	1.15E-04
558671.824160362.36	558672	4160362	WRKR_697	WORKER	4.91E-03	3.30E-05	4.52E-03	5.18E-05	4.52E-03	7.32E-05
558671.824160372.36	558672	4160372	WRKR_698	WORKER	5.24E-03	3.56E-05	4.82E-03	5.59E-05	4.82E-03	7.91E-05
558671.824160382.36	558672	4160382	WRKR_699	WORKER	5.58E-03	3.96E-05	5.13E-03	6.22E-05	5.13E-03	8.80E-05
558671.824160392.36	558672	4160392	WRKR_700	WORKER	5.93E-03	4.58E-05	5.46E-03	7.19E-05	5.46E-03	1.02E-04
558671.824160402.36	558672	4160402	WRKR_701	WORKER	6.30E-03	5.60E-05	5.80E-03	8.81E-05	5.80E-03	1.25E-04
558681.824160362.36	558682	4160362	WRKR_702	WORKER	4.92E-03	3.68E-05	4.53E-03	5.78E-05	4.53E-03	8.18E-05
558681.824160372.36	558682	4160372	WRKR_703	WORKER	5.22E-03	3.87E-05	4.81E-03	6.09E-05	4.81E-03	8.61E-05
558681.824160382.36	558682	4160382	WRKR_704	WORKER	5.57E-03	4.32E-05	5.13E-03	6.78E-05	5.13E-03	9.59E-05
558681.824160392.36	558682	4160392	WRKR_705	WORKER	5.92E-03	4.97E-05	5.44E-03	7.81E-05	5.44E-03	1.11E-04
558681.824160402.36	558682	4160402	WRKR_706	WORKER	6.28E-03	6.02E-05	5.78E-03	9.46E-05	5.78E-03	1.34E-04
558691.824160362.36	558692	4160362	WRKR_707	WORKER	4.93E-03	4.22E-05	4.54E-03	6.64E-05	4.54E-03	9.38E-05
558691.824160372.36	558692	4160372	WRKR_708	WORKER	5.24E-03	4.47E-05	4.82E-03	7.03E-05	4.82E-03	9.94E-05
558691.824160382.36	558692	4160382	WRKR_709	WORKER	5.56E-03	4.86E-05	5.11E-03	7.64E-05	5.11E-03	1.08E-04
558691.824160392.36	558692	4160392	WRKR_710	WORKER	5.89E-03	5.52E-05	5.42E-03	8.67E-05	5.42E-03	1.23E-04
558691.824160402.36	558692	4160402	WRKR_711	WORKER	6.24E-03	6.61E-05	5.74E-03	1.04E-04	5.74E-03	1.47E-04
558701.824160362.36	558702	4160362	WRKR_712	WORKER	4.93E-03	4.98E-05	4.54E-03	7.83E-05	4.54E-03	1.11E-04
558701.824160372.36	558702	4160372	WRKR_713	WORKER	5.23E-03	5.23E-05	4.81E-03	8.22E-05	4.81E-03	1.16E-04
558701.824160382.36	558702	4160382	WRKR_714	WORKER	5.54E-03	5.63E-05	5.10E-03	8.84E-05	5.10E-03	1.25E-04
558701.824160392.36	558702	4160392	WRKR_715	WORKER	5.87E-03	6.26E-05	5.40E-03	9.84E-05	5.40E-03	1.39E-04
558701.824160402.36	558702	4160402	WRKR_716	WORKER	6.20E-03	7.33E-05	5.71E-03	1.15E-04	5.71E-03	1.63E-04
558711.824160362.36	558712	4160362	WRKR_717	WORKER	4.93E-03	6.07E-05	4.53E-03	9.54E-05	4.53E-03	1.35E-04
558711.824160372.36	558712	4160372	WRKR_718	WORKER	5.22E-03	6.31E-05	4.80E-03	9.91E-05	4.80E-03	1.40E-04
558711.824160382.36	558712	4160382	WRKR_719	WORKER	5.52E-03	5.20E-05	5.08E-03	8.17E-05	5.08E-03	1.16E-04
558711.824160392.36	558712	4160392	WRKR_720	WORKER	5.83E-03	7.28E-05	5.37E-03	1.14E-04	5.37E-03	1.62E-04
558711.824160402.36	558712	4160402	WRKR_721	WORKER	6.15E-03	4.70E-05	5.66E-03	7.38E-05	5.66E-03	1.04E-04
558721.824160362.36	558722	4160362	WRKR_722	WORKER	4.92E-03	3.61E-05	4.53E-03	5.67E-05	4.53E-03	8.01E-05
558721.824160372.36	558722	4160372	WRKR_723	WORKER	5.20E-03	4.03E-05	4.79E-03	6.33E-05	4.79E-03	8.95E-05
558721.824160382.36	558722	4160382	WRKR_724	WORKER	5.49E-03	5.74E-05	5.06E-03	9.03E-05	5.06E-03	1.28E-04
558721.824160392.36	558722	4160392	WRKR_725	WORKER	5.80E-03	4.49E-05	5.33E-03	7.05E-05	5.33E-03	9.97E-05
558721.824160402.36	558722	4160402	WRKR_726	WORKER	6.10E-03	4.78E-05	5.62E-03	7.52E-05	5.62E-03	1.06E-04
558690.094160295.24	558690	4160295	WRKR_727	WORKER	3.21E-03	3.32E-05	2.96E-03	5.22E-05	2.96E-03	7.38E-05
558690.094160305.24	558690	4160305	WRKR_728	WORKER	3.42E-03	3.37E-05	3.14E-03	5.29E-05	3.14E-03	7.48E-05
558690.094160315.24	558690	4160315	WRKR_729	WORKER	3.64E-03	3.41E-05	3.35E-03	5.36E-05	3.35E-03	7.59E-05
558690.094160325.24	558690	4160325	WRKR_730	WORKER	3.87E-03	3.47E-05	3.56E-03	5.45E-05	3.56E-03	7.70E-05
558690.094160335.24	558690	4160335	WRKR_731	WORKER	4.12E-03	3.54E-05	3.79E-03	5.56E-05	3.79E-03	7.86E-05
558700.094160295.24	558700	4160295	WRKR_732	WORKER	3.23E-03	4.01E-05	2.97E-03	6.31E-05	2.97E-03	8.92E-05
558700.094160305.24	558700	4160305	WRKR_733	WORKER	3.44E-03	4.07E-05	3.17E-03	6.40E-05	3.17E-03	9.05E-05
558700.094160315.24	558700	4160315	WRKR_734	WORKER	3.66E-03	4.11E-05	3.37E-03	6.46E-05	3.37E-03	9.14E-05
558700.094160325.24	558700	4160325	WRKR_735	WORKER	3.89E-03	4.15E-05	3.58E-03	6.52E-05	3.58E-03	9.23E-05
558700.094160335.24	558700	4160335	WRKR_736	WORKER	4.14E-03	4.21E-05	3.81E-03	6.62E-05	3.81E-03	9.36E-05
558710.094160295.24	558710	4160295	WRKR_737	WORKER	3.26E-03	5.04E-05	3.00E-03	7.92E-05	3.00E-03	1.12E-04
558710.094160305.24	558710	4160305	WRKR_738	WORKER	3.46E-03	5.09E-05	3.19E-03	7.99E-05	3.19E-03	1.13E-04
558710.094160315.24	558710	4160315	WRKR_739	WORKER	3.68E-03	5.12E-05	3.38E-03	8.05E-05	3.38E-03	1.14E-04
558710.094160325.24	558710	4160325	WRKR_740	WORKER	3.91E-03	5.17E-05	3.60E-03	8.12E-05	3.60E-03	1.15E-04
558710.094160335.24	558710	4160335	WRKR_741	WORKER	4.15E-03	5.20E-05	3.82E-03	8.18E-05	3.82E-03	1.16E-04
558720.094160295.24	558720	4160295	WRKR_742	WORKER	3.28E-03	4.41E-05	3.02E-03	6.94E-05	3.02E-03	9.81E-05
558720.094160305.24	558720	4160305	WRKR_743	WORKER	3.48E-03	3.10E-05	3.21E-03	4.87E-05	3.21E-03	6.88E-05
558720.094160315.24	558720	4160315	WRKR_744	WORKER	3.70E-03	4.48E-05	3.40E-03	7.04E-05	3.40E-03	9.95E-05
558720.094160325.24	558720	4160325	WRKR_745	WORKER	3.93E-03	4.57E-05	3.61E-03	7.18E-05	3.61E-03	1.02E-04
558612.684160297.32	558613	4160297	WRKR_746	WORKER	3.06E-03	1.42E-05	2.81E-03	2.23E-05	2.81E-03	3.15E-05
558612.684160307.32	558613	4160307	WRKR_747	WORKER	3.26E-03	1.48E-05	3.00E-03	2.32E-05	3.00E-03	3.28E-05
558612.684160317.32	558613	4160317	WRKR_748	WORKER	3.48E-03	1.54E-05	3.20E-03	2.43E-05	3.20E-03	3.43E-05
558612.684160327.32	558613	4160327	WRKR_749	WORKER	3.72E-03	1.62E-05	3.43E-03	2.55E-05	3.43E-03	3.61E-05
558612.684160337.32	558613	4160337	WRKR_750	WORKER	3.99E-03	1.72E-05	3.67E-03	2.70E-05	3.67E-03	3.82E-05
558622.684160297.32	558623	4160297	WRKR_751	WORKER	3.08E-03	1.52E-05	2.83E-03	2.39E-05	2.83E-03	3.39E-05
558622.684160307.32	558623	4160307	WRKR_752	WORKER	3.29E-03	1.58E-05	3.02E-03	2.49E-05	3.02E-03	3.52E-05
558622.684160317.32	558623	4160317	WRKR_753	WORKER	3.51E-03	1.65E-05	3.23E-03	2.60E-05	3.23E-03	3.67E-05
558622.684160327.32	558623	4160327	WRKR_754	WORKER	3.75E-03	1.73E-05	3.45E-03	2.72E-05	3.45E-03	3.85E-05
558622.684160337.32	558623	4160337	WRKR_755	WORKER	4.02E-03	1.83E-05	3.70E-03	2.88E-05	3.70E-03	4.07E-05

RESIDENTIAL CONCENTRATIONS & DOSE

					s	X	s	X		
					3rd Tri		0<2		2<16	
					Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)	
XY	X	Y	Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558632.684160297.32	558633	4160297	WRKR_756	WORKER	3.11E-03	1.65E-05	2.86E-03	2.59E-05	2.86E-03	3.67E-05
558632.684160307.32	558633	4160307	WRKR_757	WORKER	3.31E-03	1.71E-05	3.05E-03	2.69E-05	3.05E-03	3.80E-05
558632.684160317.32	558633	4160317	WRKR_758	WORKER	3.54E-03	1.78E-05	3.25E-03	2.79E-05	3.25E-03	3.95E-05
558632.684160327.32	558633	4160327	WRKR_759	WORKER	3.78E-03	1.86E-05	3.48E-03	2.92E-05	3.48E-03	4.13E-05
558632.684160337.32	558633	4160337	WRKR_760	WORKER	4.05E-03	1.96E-05	3.72E-03	3.08E-05	3.72E-03	4.35E-05
558642.684160297.32	558643	4160297	WRKR_761	WORKER	3.14E-03	1.81E-05	2.89E-03	2.85E-05	2.89E-03	4.03E-05
558642.684160307.32	558643	4160307	WRKR_762	WORKER	3.34E-03	1.86E-05	3.07E-03	2.92E-05	3.07E-03	4.13E-05
558642.684160317.32	558643	4160317	WRKR_763	WORKER	3.57E-03	1.93E-05	3.28E-03	3.03E-05	3.28E-03	4.28E-05
558642.684160327.32	558643	4160327	WRKR_764	WORKER	3.81E-03	2.01E-05	3.51E-03	3.15E-05	3.51E-03	4.46E-05
558642.684160337.32	558643	4160337	WRKR_765	WORKER	4.08E-03	2.11E-05	3.75E-03	3.32E-05	3.75E-03	4.69E-05
558652.684160297.32	558653	4160297	WRKR_766	WORKER	3.16E-03	2.00E-05	2.91E-03	3.14E-05	2.91E-03	4.44E-05
558652.684160307.32	558653	4160307	WRKR_767	WORKER	3.37E-03	2.05E-05	3.10E-03	3.22E-05	3.10E-03	4.55E-05
558652.684160317.32	558653	4160317	WRKR_768	WORKER	3.59E-03	2.11E-05	3.31E-03	3.32E-05	3.31E-03	4.70E-05
558652.684160327.32	558653	4160327	WRKR_769	WORKER	3.84E-03	2.19E-05	3.53E-03	3.44E-05	3.53E-03	4.87E-05
558652.684160337.32	558653	4160337	WRKR_770	WORKER	4.10E-03	2.29E-05	3.77E-03	3.60E-05	3.77E-03	5.09E-05
558662.684160297.32	558663	4160297	WRKR_771	WORKER	3.19E-03	2.25E-05	2.94E-03	3.54E-05	2.94E-03	5.00E-05
558662.684160307.32	558663	4160307	WRKR_772	WORKER	3.40E-03	2.29E-05	3.13E-03	3.61E-05	3.13E-03	5.10E-05
558662.684160317.32	558663	4160317	WRKR_773	WORKER	3.62E-03	2.35E-05	3.33E-03	3.69E-05	3.33E-03	5.21E-05
558662.684160327.32	558663	4160327	WRKR_774	WORKER	3.86E-03	2.42E-05	3.55E-03	3.80E-05	3.55E-03	5.37E-05
558662.684160337.32	558663	4160337	WRKR_775	WORKER	4.12E-03	2.51E-05	3.80E-03	3.95E-05	3.80E-03	5.59E-05
558672.684160297.32	558673	4160297	WRKR_776	WORKER	3.21E-03	2.55E-05	2.96E-03	4.00E-05	2.96E-03	5.66E-05
558672.684160307.32	558673	4160307	WRKR_777	WORKER	3.42E-03	2.60E-05	3.15E-03	4.08E-05	3.15E-03	5.78E-05
558672.684160317.32	558673	4160317	WRKR_778	WORKER	3.65E-03	2.65E-05	3.36E-03	4.17E-05	3.36E-03	5.90E-05
558672.684160327.32	558673	4160327	WRKR_779	WORKER	3.89E-03	2.72E-05	3.58E-03	4.27E-05	3.58E-03	6.03E-05
558672.684160337.32	558673	4160337	WRKR_780	WORKER	4.15E-03	2.80E-05	3.82E-03	4.41E-05	3.82E-03	6.23E-05
558543.584160290.65	558544	4160291	WRKR_781	WORKER	2.87E-03	9.51E-06	2.64E-03	1.49E-05	2.64E-03	2.11E-05
558553.584160300.65	558554	4160301	WRKR_782	WORKER	3.06E-03	1.05E-05	2.81E-03	1.64E-05	2.81E-03	2.32E-05
558553.584160310.65	558554	4160311	WRKR_783	WORKER	3.25E-03	1.09E-05	2.99E-03	1.72E-05	2.99E-03	2.43E-05
558553.584160320.65	558554	4160321	WRKR_784	WORKER	3.47E-03	1.15E-05	3.19E-03	1.81E-05	3.19E-03	2.56E-05
558553.584160330.65	558554	4160331	WRKR_785	WORKER	3.71E-03	1.21E-05	3.41E-03	1.90E-05	3.41E-03	2.69E-05
558563.584160300.65	558564	4160301	WRKR_786	WORKER	3.07E-03	1.10E-05	2.82E-03	1.73E-05	2.82E-03	2.45E-05
558563.584160310.65	558564	4160311	WRKR_787	WORKER	3.26E-03	1.16E-05	3.00E-03	1.82E-05	3.00E-03	2.57E-05
558563.584160320.65	558564	4160321	WRKR_788	WORKER	3.48E-03	1.22E-05	3.21E-03	1.91E-05	3.21E-03	2.70E-05
558563.584160330.65	558564	4160331	WRKR_789	WORKER	3.73E-03	1.28E-05	3.43E-03	2.01E-05	3.43E-03	2.85E-05
558573.584160300.65	558574	4160301	WRKR_790	WORKER	3.08E-03	1.16E-05	2.83E-03	1.83E-05	2.83E-03	2.59E-05
558573.584160310.65	558574	4160311	WRKR_791	WORKER	3.28E-03	1.22E-05	3.02E-03	1.92E-05	3.02E-03	2.71E-05
558573.584160320.65	558574	4160321	WRKR_792	WORKER	3.50E-03	1.28E-05	3.22E-03	2.02E-05	3.22E-03	2.85E-05
558573.584160330.65	558574	4160331	WRKR_793	WORKER	3.75E-03	1.36E-05	3.45E-03	2.13E-05	3.45E-03	3.01E-05
558583.584160300.65	558584	4160301	WRKR_794	WORKER	3.10E-03	1.23E-05	2.85E-03	1.94E-05	2.85E-03	2.74E-05
558583.584160310.65	558584	4160311	WRKR_795	WORKER	3.30E-03	1.29E-05	3.04E-03	2.03E-05	3.04E-03	2.87E-05
558583.584160320.65	558584	4160321	WRKR_796	WORKER	3.53E-03	1.36E-05	3.24E-03	2.13E-05	3.24E-03	3.02E-05
558583.584160330.65	558584	4160331	WRKR_797	WORKER	3.77E-03	1.43E-05	3.47E-03	2.25E-05	3.47E-03	3.19E-05
558593.584160330.65	558594	4160331	WRKR_798	WORKER	3.80E-03	1.52E-05	3.50E-03	2.39E-05	3.50E-03	3.38E-05
558455.354160303.56	558455	4160304	WRKR_799	WORKER	3.25E-03	6.41E-06	3.00E-03	1.01E-05	3.00E-03	1.42E-05
558455.354160313.56	558455	4160314	WRKR_800	WORKER	3.43E-03	6.63E-06	3.16E-03	1.04E-05	3.16E-03	1.47E-05
558455.354160323.56	558455	4160324	WRKR_801	WORKER	3.63E-03	6.87E-06	3.34E-03	1.08E-05	3.34E-03	1.53E-05
558455.354160333.56	558455	4160334	WRKR_802	WORKER	3.85E-03	7.12E-06	3.54E-03	1.12E-05	3.54E-03	1.58E-05
558455.354160343.56	558455	4160344	WRKR_803	WORKER	4.09E-03	7.38E-06	3.76E-03	1.16E-05	3.76E-03	1.64E-05
558465.354160303.56	558465	4160304	WRKR_804	WORKER	3.21E-03	6.72E-06	2.96E-03	1.06E-05	2.96E-03	1.49E-05
558465.354160313.56	558465	4160314	WRKR_805	WORKER	3.39E-03	6.96E-06	3.12E-03	1.09E-05	3.12E-03	1.55E-05
558465.354160323.56	558465	4160324	WRKR_806	WORKER	3.59E-03	7.22E-06	3.31E-03	1.13E-05	3.31E-03	1.60E-05
558465.354160333.56	558465	4160334	WRKR_807	WORKER	3.81E-03	7.48E-06	3.51E-03	1.18E-05	3.51E-03	1.66E-05
558465.354160343.56	558465	4160344	WRKR_808	WORKER	4.05E-03	7.78E-06	3.73E-03	1.22E-05	3.73E-03	1.73E-05
558475.354160303.56	558475	4160304	WRKR_809	WORKER	3.18E-03	7.04E-06	2.93E-03	1.11E-05	2.93E-03	1.56E-05
558475.354160313.56	558475	4160314	WRKR_810	WORKER	3.36E-03	7.31E-06	3.09E-03	1.15E-05	3.09E-03	1.62E-05
558475.354160323.56	558475	4160324	WRKR_811	WORKER	3.56E-03	7.59E-06	3.28E-03	1.19E-05	3.28E-03	1.69E-05
558475.354160333.56	558475	4160334	WRKR_812	WORKER	3.78E-03	7.89E-06	3.48E-03	1.24E-05	3.48E-03	1.75E-05
558475.354160343.56	558475	4160344	WRKR_813	WORKER	4.03E-03	8.20E-06	3.71E-03	1.29E-05	3.71E-03	1.82E-05
558485.354160303.56	558485	4160304	WRKR_814	WORKER	3.15E-03	7.40E-06	2.90E-03	1.16E-05	2.90E-03	1.64E-05
558485.354160313.56	558485	4160314	WRKR_815	WORKER	3.33E-03	7.66E-06	3.07E-03	1.20E-05	3.07E-03	1.70E-05
558485.354160323.56	558485	4160324	WRKR_816	WORKER	3.54E-03	7.99E-06	3.26E-03	1.26E-05	3.26E-03	1.78E-05
558485.354160333.56	558485	4160334	WRKR_817	WORKER	3.76E-03	8.32E-06	3.46E-03	1.31E-05	3.46E-03	1.85E-05
558485.354160343.56	558485	4160344	WRKR_818	WORKER	4.01E-03	8.67E-06	3.69E-03	1.36E-05	3.69E-03	1.93E-05
558495.354160303.56	558495	4160304	WRKR_819	WORKER	3.13E-03	7.79E-06	2.88E-03	1.22E-05	2.88E-03	1.73E-05
558495.354160313.56	558495	4160314	WRKR_820	WORKER	3.32E-03	8.11E-06	3.05E-03	1.27E-05	3.05E-03	1.80E-05
558495.354160323.56	558495	4160324	WRKR_821	WORKER	3.52E-03	8.44E-06	3.24E-03	1.33E-05	3.24E-03	1.87E-05
558495.354160333.56	558495	4160334	WRKR_822	WORKER	3.75E-03	8.78E-06	3.45E-03	1.38E-05	3.45E-03	1.95E-05
558495.354160343.56	558495	4160344	WRKR_823	WORKER	4.00E-03	9.18E-06	3.68E-03	1.44E-05	3.68E-03	2.04E-05
558505.354160303.56	558505	4160304	WRKR_824	WORKER	3.12E-03	8.21E-06	2.87E-03	1.29E-05	2.87E-03	1.82E-05
558505.354160313.56	558505	4160314	WRKR_825	WORKER	3.30E-03	8.55E-06	3.04E-03	1.34E-05	3.04E-03	1.90E-05
558505.354160323.56	558505	4160324	WRKR_826	WORKER	3.51E-03	8.91E-06	3.23E-03	1.40E-05	3.23E-03	1.98E-05
558505.354160333.56	558505	4160334	WRKR_827	WORKER	3.74E-03	9.30E-06	3.44E-03	1.46E-05	3.44E-03	2.07E-05
558515.354160303.56	558515	4160304	WRKR_828	WORKER	3.11E-03	8.65E-06	2.86E-03	1.36E-05	2.86E-03	1.92E-05
558515.354160313.56	558515	4160314	WRKR_829	WORKER	3.30E-03	9.02E-06	3.03E-03	1.42E-05	3.03E-03	2.00E-05
558515.354160323.56	558515	4160324	WRKR_830	WORKER	3.51E-03	9.41E-06	3.23E-03	1.48E-05	3.23E-03	2.09E-05
558515.354160333.56	558515	4160334	WRKR_831	WORKER	3.74E-03	9.85E-06	3.44E-03	1.55E-05	3.44E-03	2.19E-05
558525.354160303.56	558525	4160304	WRKR_832	WORKER	3.10E-03	9.12E-06	2.85E-03	1.43E-05	2.85E-03	2.03E-05
558525.354160313.56	558525	4160314	WRKR_833	WORKER	3.29E-03	9.52E-06	3.03E-03	1.50E-05	3.03E-03	2.12E-05
558525.354160323.56	558525	4160324	WRKR_834	WORKER	3.51E-03	9.96E-06	3.23E-03	1.56E-05	3.23E-03	2.21E-05
558525.354160333.56	558525	4160334	WRKR_835	WORKER	3.74E-03	1.04E-05	3.44E-03	1.64E-05	3.44E-03	2.32E-05
558535.354160303.56	558535	4160304	WRKR_836	WORKER	3.10E-03	9.61E-06	2.85E-03	1.51E-05	2.85E-03	2.13E-05
558535.354160313.56	558535	4160314	WRKR_837	WORKER	3.30E-03	1.01E-05	3.03E-03	1.58E-05	3.03E-03	2.23E-05
558535.354160323.56	558535	4160324	WRKR_838	WORKER	3.51E-03	1.05E-05	3.23E-03	1.65E-05	3.23E-03	2.34E-05
558535.354160333.56	558535	4160334	WRKR_839	WORKER	3.75E-03	1.10E-05	3.45E-03	1.73E-05	3.45E-03	2.45E-05
558616.674160229.97	558617	4160230	WRKR_840	WORKER	2.10E-03	1.16E-05	1.93E-03	1.83E-05	1.93E-03	2.59E-05
558616.674160239.97	558617	4160240	WRKR_841	WORKER	2.21E-03	1.21E-05	2.04E-03	1.90E-05	2.04E-03	2.69E-05
558616.674160249.97	558617	4160250	WRKR_842	WORKER	2.34E-03	1.26E-05	2.15E-03	1.98E-05	2.15E-03	2.80E-05
558626.674160229.97	558627	4160230	WRKR_843	WORKER	2.11E-03	1.27E-05	1.94E-03	1.99E-05	1.94E-03	2.82E-05
558626.674160239.97	558627	4160240	WRKR_844	WORKER	2.22E-03	1.32E-05	2.05E-03	2.07E-05	2.05E-03	2.93E-05
558626.674160249.97	558627	4160250	WRKR_845	WORKER	2.35E-03	1.37E-05	2.16E-03	2.16E-05	2.16E-03	3.05E-05
558636.674160229.97	558637	4160230	WRKR_846	WORKER	2.12E-03	1.39E-05	1.95E-03	2.19E-05	1.95E-03	3.09E-05
558636.674160239.97	558637	4160240	WRKR_847	WORKER	2.24E-03	1.45E-05	2.06E-03	2.28E-05	2.06E-03	3.22E-05
558636.674160249.97	558637	4160250	WRKR_848	WORKER	2.37E-03	1.51E-05	2.18E-03	2.37E-05	2.18E-03	3.35E-05
558646.674160229.97	558647	4160230	WRKR_849	WORKER	2.13E-03	1.54E-05	1.96E-03	2.42E-05	1.96E-03	3.43E-05
558646.674160239.97	558647	4160240	WRKR_850	WORKER	2.25E-03	1.61E-05	2.07E-03	2.53E-05	2.07E-03	3.57E-05
558646.674160249.97	558647	4160250	WRKR_851	WORKER	2.38E-03	1.67E-05	2.19E-03	2.63E-05	2.19E-03	3.72E-05
558656.674160229.97	558657	4160230	WRKR_852	WORKER	2.15E-03	1.73E-05	1.98E-03	2.72E-05	1.98E-03	3.85E-05
558656.674160239.97	558657	4160240	WRKR_853	WORKER	2.27E-03	1.81E-05	2.09E-03	2.84E-05	2.09E-03	4.02E-05
558666.674160229.97	558667	4160230	WRKR_854	WORKER	2.16E-03	1.98E-05	1.99E-03	3.10E-05	1.99E-03	4.39E-05
558666.674160239.97	558667	4160240	WRKR_855	WORKER	2.29E-03	2.07E-05	2.11E-03	3.25E-05	2.11E-03	4.59E-05
558676.674160229.97	558677	4160230	WRKR_856	WORKER	2.18E-03	2.28E-05	2.01E-03	3.59E-05	2.01E-03	5.08E-05
558676.674160239.97	558677	4160240	WRKR_857	WORKER	2.31E-03	2.40E-05	2.12E-03	3.77E-05	2.12E-03	5.33E-05
558686.674160229.97	558687	4160230	WRKR_858	WORKER	2.20E-03	2.69E-05	2.03E-03	4.23E-05	2.03E-03	5.99E-05

RESIDENTIAL CONCENTRATIONS & DOSE

					s	X	s	X		
					3rd Tri		0<2		2<16	
					Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)	
XY	X	Y	Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558686.674160239.97	558687	4160240	WRKR_859	WORKER	2.33E-03	2.84E-05	2.14E-03	4.46E-05	2.14E-03	6.30E-05
558696.674160229.97	558697	4160230	WRKR_860	WORKER	2.22E-03	3.24E-05	2.04E-03	5.10E-05	2.04E-03	7.21E-05
558696.674160239.97	558697	4160240	WRKR_861	WORKER	2.35E-03	3.43E-05	2.16E-03	5.39E-05	2.16E-03	7.62E-05
558706.674160229.97	558707	4160230	WRKR_862	WORKER	2.24E-03	3.99E-05	2.06E-03	6.27E-05	2.06E-03	8.87E-05
558706.674160239.97	558707	4160240	WRKR_863	WORKER	2.37E-03	4.25E-05	2.18E-03	6.68E-05	2.18E-03	9.45E-05
558716.674160229.97	558717	4160230	WRKR_864	WORKER	2.26E-03	5.03E-05	2.08E-03	7.91E-05	2.08E-03	1.12E-04
558716.674160239.97	558717	4160240	WRKR_865	WORKER	2.39E-03	3.92E-05	2.20E-03	6.16E-05	2.20E-03	8.71E-05
558420.214160235.8	558420	4160236	WRKR_866	WORKER	2.56E-03	4.45E-06	2.35E-03	6.99E-06	2.35E-03	9.89E-06
558420.214160245.8	558420	4160246	WRKR_867	WORKER	2.66E-03	4.59E-06	2.45E-03	7.21E-06	2.45E-03	1.02E-05
558420.214160255.8	558420	4160256	WRKR_868	WORKER	2.77E-03	4.73E-06	2.55E-03	7.43E-06	2.55E-03	1.05E-05
558430.214160235.8	558430	4160236	WRKR_869	WORKER	2.50E-03	4.63E-06	2.30E-03	7.27E-06	2.30E-03	1.03E-05
558430.214160245.8	558430	4160246	WRKR_870	WORKER	2.61E-03	4.77E-06	2.40E-03	7.49E-06	2.40E-03	1.06E-05
558430.214160255.8	558430	4160256	WRKR_871	WORKER	2.72E-03	4.92E-06	2.50E-03	7.73E-06	2.50E-03	1.09E-05
558440.214160235.8	558440	4160236	WRKR_872	WORKER	2.45E-03	4.81E-06	2.26E-03	7.57E-06	2.26E-03	1.07E-05
558440.214160245.8	558440	4160246	WRKR_873	WORKER	2.55E-03	4.97E-06	2.35E-03	7.80E-06	2.35E-03	1.10E-05
558440.214160255.8	558440	4160256	WRKR_874	WORKER	2.66E-03	5.12E-06	2.45E-03	8.05E-06	2.45E-03	1.14E-05
558450.214160235.8	558450	4160236	WRKR_875	WORKER	2.41E-03	5.00E-06	2.22E-03	7.86E-06	2.22E-03	1.11E-05
558450.214160245.8	558450	4160246	WRKR_876	WORKER	2.51E-03	5.16E-06	2.31E-03	8.11E-06	2.31E-03	1.15E-05
558450.214160255.8	558450	4160256	WRKR_877	WORKER	2.62E-03	5.33E-06	2.41E-03	8.37E-06	2.41E-03	1.18E-05
558460.214160235.8	558460	4160236	WRKR_878	WORKER	2.37E-03	5.20E-06	2.18E-03	8.17E-06	2.18E-03	1.16E-05
558460.214160245.8	558460	4160246	WRKR_879	WORKER	2.47E-03	5.37E-06	2.27E-03	8.44E-06	2.27E-03	1.19E-05
558460.214160255.8	558460	4160256	WRKR_880	WORKER	2.57E-03	5.56E-06	2.37E-03	8.73E-06	2.37E-03	1.23E-05
558470.214160235.8	558470	4160236	WRKR_881	WORKER	2.33E-03	5.42E-06	2.14E-03	8.52E-06	2.14E-03	1.20E-05
558470.214160245.8	558470	4160246	WRKR_882	WORKER	2.43E-03	5.60E-06	2.23E-03	8.80E-06	2.23E-03	1.24E-05
558470.214160255.8	558470	4160256	WRKR_883	WORKER	2.54E-03	5.80E-06	2.33E-03	9.12E-06	2.33E-03	1.29E-05
558480.214160235.8	558480	4160236	WRKR_884	WORKER	2.29E-03	5.65E-06	2.11E-03	8.88E-06	2.11E-03	1.26E-05
558480.214160245.8	558480	4160246	WRKR_885	WORKER	2.39E-03	5.85E-06	2.20E-03	9.20E-06	2.20E-03	1.30E-05
558480.214160255.8	558480	4160256	WRKR_886	WORKER	2.50E-03	6.07E-06	2.30E-03	9.54E-06	2.30E-03	1.35E-05
558490.214160235.8	558490	4160236	WRKR_887	WORKER	2.26E-03	5.90E-06	2.08E-03	9.28E-06	2.08E-03	1.31E-05
558490.214160245.8	558490	4160246	WRKR_888	WORKER	2.36E-03	6.10E-06	2.17E-03	9.59E-06	2.17E-03	1.36E-05
558490.214160255.8	558490	4160256	WRKR_889	WORKER	2.47E-03	6.34E-06	2.27E-03	9.97E-06	2.27E-03	1.41E-05
558500.214160235.8	558500	4160236	WRKR_890	WORKER	2.24E-03	6.18E-06	2.06E-03	9.72E-06	2.06E-03	1.37E-05
558500.214160245.8	558500	4160246	WRKR_891	WORKER	2.34E-03	6.41E-06	2.15E-03	1.01E-05	2.15E-03	1.42E-05
558500.214160255.8	558500	4160256	WRKR_892	WORKER	2.45E-03	6.65E-06	2.25E-03	1.05E-05	2.25E-03	1.48E-05
558510.214160235.8	558510	4160236	WRKR_893	WORKER	2.21E-03	6.48E-06	2.04E-03	1.02E-05	2.04E-03	1.44E-05
558510.214160245.8	558510	4160246	WRKR_894	WORKER	2.31E-03	6.72E-06	2.13E-03	1.06E-05	2.13E-03	1.49E-05
558510.214160255.8	558510	4160256	WRKR_895	WORKER	2.42E-03	6.98E-06	2.23E-03	1.10E-05	2.23E-03	1.55E-05
558520.214160235.8	558520	4160236	WRKR_896	WORKER	2.19E-03	6.79E-06	2.02E-03	1.07E-05	2.02E-03	1.51E-05
558520.214160245.8	558520	4160246	WRKR_897	WORKER	2.30E-03	7.04E-06	2.11E-03	1.11E-05	2.11E-03	1.57E-05
558520.214160255.8	558520	4160256	WRKR_898	WORKER	2.41E-03	7.33E-06	2.21E-03	1.15E-05	2.21E-03	1.63E-05
558530.214160235.8	558530	4160236	WRKR_899	WORKER	2.18E-03	7.11E-06	2.00E-03	1.12E-05	2.00E-03	1.58E-05
558530.214160245.8	558530	4160246	WRKR_900	WORKER	2.28E-03	7.38E-06	2.10E-03	1.16E-05	2.10E-03	1.64E-05
558530.214160255.8	558530	4160256	WRKR_901	WORKER	2.39E-03	7.69E-06	2.20E-03	1.21E-05	2.20E-03	1.71E-05
558540.214160235.8	558540	4160236	WRKR_902	WORKER	2.16E-03	7.46E-06	1.99E-03	1.17E-05	1.99E-03	1.66E-05
558540.214160245.8	558540	4160246	WRKR_903	WORKER	2.27E-03	7.75E-06	2.09E-03	1.22E-05	2.09E-03	1.72E-05
558540.214160255.8	558540	4160256	WRKR_904	WORKER	2.38E-03	8.08E-06	2.19E-03	1.27E-05	2.19E-03	1.79E-05
558550.214160235.8	558550	4160236	WRKR_905	WORKER	2.15E-03	7.84E-06	1.98E-03	1.23E-05	1.98E-03	1.74E-05
558550.214160245.8	558550	4160246	WRKR_906	WORKER	2.26E-03	8.14E-06	2.08E-03	1.28E-05	2.08E-03	1.81E-05
558550.214160255.8	558550	4160256	WRKR_907	WORKER	2.38E-03	8.49E-06	2.19E-03	1.33E-05	2.19E-03	1.89E-05
558560.214160235.8	558560	4160236	WRKR_908	WORKER	2.15E-03	8.28E-06	1.98E-03	1.30E-05	1.98E-03	1.84E-05
558560.214160245.8	558560	4160246	WRKR_909	WORKER	2.26E-03	8.64E-06	2.08E-03	1.36E-05	2.08E-03	1.92E-05
558560.214160255.8	558560	4160256	WRKR_910	WORKER	2.37E-03	9.01E-06	2.18E-03	1.42E-05	2.18E-03	2.00E-05
558570.214160235.8	558570	4160236	WRKR_911	WORKER	2.14E-03	8.72E-06	1.97E-03	1.37E-05	1.97E-03	1.94E-05
558570.214160245.8	558570	4160246	WRKR_912	WORKER	2.25E-03	9.06E-06	2.07E-03	1.42E-05	2.07E-03	2.01E-05
558570.214160255.8	558570	4160256	WRKR_913	WORKER	2.37E-03	9.45E-06	2.18E-03	1.49E-05	2.18E-03	2.10E-05
558580.214160235.8	558580	4160236	WRKR_914	WORKER	2.14E-03	9.23E-06	1.97E-03	1.45E-05	1.97E-03	2.05E-05
558580.214160245.8	558580	4160246	WRKR_915	WORKER	2.26E-03	9.60E-06	2.08E-03	1.51E-05	2.08E-03	2.13E-05
558590.214160235.8	558590	4160236	WRKR_916	WORKER	2.15E-03	9.85E-06	1.97E-03	1.55E-05	1.97E-03	2.19E-05
558590.214160245.8	558590	4160246	WRKR_917	WORKER	2.26E-03	1.02E-05	2.08E-03	1.61E-05	2.08E-03	2.27E-05
558600.214160245.8	558600	4160246	WRKR_918	WORKER	2.27E-03	1.10E-05	2.09E-03	1.72E-05	2.09E-03	2.43E-05

RESIDENTIAL CONCENTRATIONS & DOSE

			AA	AF	AI	AN	AQ	AT
			3rd Tri		0<2		2<16	
			Dose (mg/kg-day)		Dose (mg/kg-day)		Dose (mg/kg-day)	
XY	X	Y	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
557996.384160720.52	557996	4160721	6.75E-06	4.58E-10	1.87E-05	2.17E-09	9.84E-06	1.61E-09
557996.384160730.52	557996	4160731	6.64E-06	4.56E-10	1.85E-05	2.16E-09	9.68E-06	1.61E-09
557996.384160740.52	557996	4160741	6.45E-06	4.52E-10	1.79E-05	2.15E-09	9.41E-06	1.59E-09
558006.384160710.52	558006	4160711	7.71E-06	4.76E-10	2.14E-05	2.26E-09	1.12E-05	1.68E-09
558006.384160720.52	558006	4160721	7.61E-06	4.74E-10	2.11E-05	2.25E-09	1.11E-05	1.67E-09
558006.384160730.52	558006	4160731	7.44E-06	4.71E-10	2.07E-05	2.24E-09	1.09E-05	1.66E-09
558006.384160740.52	558006	4160741	7.25E-06	4.68E-10	2.02E-05	2.22E-09	1.06E-05	1.65E-09
558016.384160710.52	558016	4160711	8.78E-06	4.93E-10	2.44E-05	2.34E-09	1.28E-05	1.74E-09
558016.384160720.52	558016	4160721	8.62E-06	4.91E-10	2.40E-05	2.33E-09	1.26E-05	1.73E-09
558016.384160730.52	558016	4160731	8.41E-06	4.88E-10	2.34E-05	2.31E-09	1.23E-05	1.72E-09
558016.384160740.52	558016	4160741	8.14E-06	4.84E-10	2.26E-05	2.30E-09	1.19E-05	1.70E-09
558026.384160710.52	558026	4160711	1.00E-05	5.10E-10	2.78E-05	2.42E-09	1.46E-05	1.79E-09
558026.384160720.52	558026	4160721	9.86E-06	5.08E-10	2.74E-05	2.41E-09	1.44E-05	1.79E-09
558026.384160730.52	558026	4160731	9.56E-06	5.04E-10	2.66E-05	2.39E-09	1.39E-05	1.78E-09
558026.384160740.52	558026	4160741	9.21E-06	5.01E-10	2.56E-05	2.38E-09	1.34E-05	1.76E-09
558277.534160581.24	558278	4160581	2.65E-05	2.50E-09	7.37E-05	1.19E-08	3.87E-05	8.81E-09
558277.534160591.24	558278	4160591	3.20E-05	2.57E-09	8.88E-05	1.22E-08	4.66E-05	9.06E-09
558287.534160581.24	558288	4160581	2.58E-05	2.83E-09	7.18E-05	1.34E-08	3.77E-05	9.95E-09
558287.534160591.24	558288	4160591	3.08E-05	2.92E-09	8.55E-05	1.39E-08	4.49E-05	1.03E-08
558297.534160581.24	558298	4160581	2.49E-05	3.22E-09	6.93E-05	1.53E-08	3.64E-05	1.13E-08
558297.534160591.24	558298	4160591	2.96E-05	3.36E-09	8.23E-05	1.59E-08	4.32E-05	1.18E-08
558307.534160581.24	558308	4160581	2.39E-05	3.71E-09	6.63E-05	1.76E-08	3.48E-05	1.31E-08
558307.534160591.24	558308	4160591	2.85E-05	3.91E-09	7.91E-05	1.86E-08	4.15E-05	1.38E-08
558317.534160581.24	558318	4160581	2.29E-05	4.28E-09	6.36E-05	2.03E-08	3.34E-05	1.51E-08
558317.534160591.24	558318	4160591	2.74E-05	4.61E-09	7.60E-05	2.19E-08	3.99E-05	1.62E-08
558327.534160581.24	558328	4160581	2.19E-05	4.94E-09	6.09E-05	2.35E-08	3.19E-05	1.74E-08
558327.534160591.24	558328	4160591	2.62E-05	5.48E-09	7.29E-05	2.60E-08	3.83E-05	1.93E-08
558337.534160581.24	558338	4160581	2.08E-05	5.61E-09	5.77E-05	2.66E-08	3.03E-05	1.97E-08
558101.054160547.13	558101	4160547	1.17E-05	7.27E-10	3.26E-05	3.45E-09	1.71E-05	2.56E-09
558101.054160557.13	558101	4160557	1.28E-05	7.30E-10	3.56E-05	3.47E-09	1.87E-05	2.57E-09
558111.054160547.13	558111	4160547	1.25E-05	7.61E-10	3.47E-05	3.61E-09	1.82E-05	2.68E-09
558111.054160557.13	558111	4160557	1.37E-05	7.65E-10	3.81E-05	3.63E-09	2.00E-05	2.69E-09
558111.054160567.13	558111	4160567	1.51E-05	7.68E-10	4.18E-05	3.64E-09	2.20E-05	2.70E-09
558121.054160537.13	558121	4160537	1.21E-05	7.92E-10	3.35E-05	3.76E-09	1.76E-05	2.79E-09
558121.054160547.13	558121	4160547	1.33E-05	7.97E-10	3.68E-05	3.78E-09	1.93E-05	2.81E-09
558121.054160557.13	558121	4160557	1.46E-05	8.02E-10	4.06E-05	3.81E-09	2.13E-05	2.82E-09
558121.054160567.13	558121	4160567	1.61E-05	8.06E-10	4.48E-05	3.82E-09	2.35E-05	2.84E-09
558121.054160577.13	558121	4160577	1.79E-05	8.08E-10	4.97E-05	3.84E-09	2.61E-05	2.85E-09
558121.054160587.13	558121	4160587	1.99E-05	8.10E-10	5.53E-05	3.84E-09	2.90E-05	2.85E-09
558131.054160527.13	558131	4160527	1.15E-05	8.24E-10	3.20E-05	3.91E-09	1.68E-05	2.90E-09
558131.054160537.13	558131	4160537	1.27E-05	8.31E-10	3.52E-05	3.94E-09	1.85E-05	2.93E-09
558131.054160547.13	558131	4160547	1.40E-05	8.37E-10	3.89E-05	3.97E-09	2.04E-05	2.95E-09
558131.054160557.13	558131	4160557	1.55E-05	8.42E-10	4.30E-05	4.00E-09	2.26E-05	2.96E-09
558131.054160567.13	558131	4160567	1.72E-05	8.46E-10	4.78E-05	4.02E-09	2.51E-05	2.98E-09
558131.054160577.13	558131	4160577	1.92E-05	8.50E-10	5.34E-05	4.03E-09	2.80E-05	2.99E-09
558131.054160587.13	558131	4160587	2.15E-05	8.51E-10	5.98E-05	4.04E-09	3.14E-05	3.00E-09
558131.054160597.13	558131	4160597	2.41E-05	8.52E-10	6.70E-05	4.04E-09	3.52E-05	3.00E-09
558141.054160527.13	558141	4160527	1.20E-05	8.66E-10	3.34E-05	4.11E-09	1.75E-05	3.05E-09
558141.054160537.13	558141	4160537	1.33E-05	8.73E-10	3.69E-05	4.14E-09	1.93E-05	3.07E-09
558141.054160547.13	558141	4160547	1.47E-05	8.80E-10	4.09E-05	4.17E-09	2.15E-05	3.10E-09
558141.054160557.13	558141	4160557	1.64E-05	8.86E-10	4.55E-05	4.20E-09	2.39E-05	3.12E-09
558141.054160567.13	558141	4160567	1.83E-05	8.91E-10	5.10E-05	4.23E-09	2.67E-05	3.14E-09
558141.054160577.13	558141	4160577	2.06E-05	8.95E-10	5.72E-05	4.24E-09	3.00E-05	3.15E-09
558141.054160587.13	558141	4160587	2.32E-05	8.97E-10	6.44E-05	4.26E-09	3.38E-05	3.16E-09
558141.054160597.13	558141	4160597	2.62E-05	8.97E-10	7.27E-05	4.26E-09	3.81E-05	3.16E-09
558141.054160607.13	558141	4160607	2.95E-05	8.96E-10	8.21E-05	4.25E-09	4.31E-05	3.16E-09
558151.054160537.13	558151	4160537	1.38E-05	9.19E-10	3.84E-05	4.36E-09	2.02E-05	3.23E-09
558151.054160547.13	558151	4160547	1.54E-05	9.26E-10	4.28E-05	4.39E-09	2.25E-05	3.26E-09
558151.054160557.13	558151	4160557	1.73E-05	9.33E-10	4.80E-05	4.43E-09	2.52E-05	3.28E-09
558151.054160567.13	558151	4160567	1.95E-05	9.39E-10	5.41E-05	4.46E-09	2.84E-05	3.31E-09
558151.054160577.13	558151	4160577	2.20E-05	9.44E-10	6.12E-05	4.48E-09	3.21E-05	3.32E-09
558151.054160587.13	558151	4160587	2.49E-05	9.47E-10	6.93E-05	4.49E-09	3.64E-05	3.33E-09
558151.054160597.13	558151	4160597	2.86E-05	9.48E-10	7.95E-05	4.50E-09	4.17E-05	3.34E-09
558151.054160607.13	558151	4160607	3.28E-05	9.47E-10	9.11E-05	4.49E-09	4.78E-05	3.33E-09
558151.054160617.13	558151	4160617	3.74E-05	9.44E-10	1.04E-04	4.48E-09	5.46E-05	3.32E-09
558161.054160547.13	558161	4160547	1.62E-05	9.78E-10	4.51E-05	4.64E-09	2.37E-05	3.44E-09
558161.054160557.13	558161	4160557	1.82E-05	9.85E-10	5.05E-05	4.67E-09	2.65E-05	3.47E-09
558161.054160567.13	558161	4160567	2.06E-05	9.92E-10	5.73E-05	4.71E-09	3.01E-05	3.49E-09
558161.054160577.13	558161	4160577	2.35E-05	9.97E-10	6.52E-05	4.73E-09	3.42E-05	3.51E-09
558161.054160587.13	558161	4160587	2.68E-05	1.00E-09	7.45E-05	4.75E-09	3.91E-05	3.53E-09
558161.054160597.13	558161	4160597	3.13E-05	1.00E-09	8.71E-05	4.76E-09	4.57E-05	3.53E-09
558161.054160607.13	558161	4160607	3.58E-05	1.00E-09	9.96E-05	4.75E-09	5.23E-05	3.53E-09
558171.054160557.13	558171	4160557	1.92E-05	1.04E-09	5.33E-05	4.95E-09	2.80E-05	3.67E-09
558171.054160567.13	558171	4160567	2.17E-05	1.05E-09	6.03E-05	4.98E-09	3.16E-05	3.70E-09
558171.054160577.13	558171	4160577	2.49E-05	1.06E-09	6.91E-05	5.01E-09	3.63E-05	3.72E-09
558171.054160587.13	558171	4160587	2.86E-05	1.06E-09	7.95E-05	5.04E-09	4.17E-05	3.74E-09
558171.054160597.13	558171	4160597	3.39E-05	1.06E-09	9.41E-05	5.05E-09	4.94E-05	3.74E-09
558181.054160567.13	558181	4160567	2.29E-05	1.11E-09	6.37E-05	5.29E-09	3.34E-05	3.92E-09
558181.054160577.13	558181	4160577	2.63E-05	1.12E-09	7.31E-05	5.33E-09	3.83E-05	3.95E-09
558181.054160587.13	558181	4160587	3.06E-05	1.13E-09	8.49E-05	5.35E-09	4.46E-05	3.97E-09
558191.054160577.13	558191	4160577	2.74E-05	1.19E-09	7.62E-05	5.65E-09	4.00E-05	4.19E-09
558368.544160582.33	558369	4160582	1.83E-05	7.82E-09	5.09E-05	3.71E-08	2.67E-05	2.75E-08
558378.544160582.33	558379	4160582	1.73E-05	8.23E-09	4.82E-05	3.90E-08	2.53E-05	2.90E-08
558378.544160592.33	558379	4160592	1.96E-05	1.00E-08	5.45E-05	4.76E-08	2.86E-05	3.53E-08
558378.544160602.33	558379	4160602	2.21E-05	1.23E-08	6.15E-05	5.82E-08	3.23E-05	4.32E-08
558378.544160612.33	558379	4160612	2.58E-05	1.64E-08	7.16E-05	7.80E-08	3.76E-05	5.79E-08
558388.544160582.33	558389	4160582	1.62E-05	8.63E-09	4.50E-05	4.09E-08	2.36E-05	3.04E-08
558388.544160592.33	558389	4160592	1.82E-05	1.06E-08	5.06E-05	5.03E-08	2.66E-05	3.73E-08

RESIDENTIAL CONCENTRATIONS & DOSE

			AA	AF	AI	AN	AQ	AT
			3rd Tri Dose (mg/kg-day)		0<2 Dose (mg/kg-day)		2<16 Dose (mg/kg-day)	
XY	X	Y	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558388.544160602.33	558389	4160602	2.04E-05	1.31E-08	5.67E-05	6.20E-08	2.97E-05	4.60E-08
558388.544160612.33	558389	4160612	2.37E-05	1.16E-08	6.58E-05	5.51E-08	3.46E-05	4.09E-08
558398.544160582.33	558399	4160582	1.50E-05	9.11E-09	4.16E-05	4.32E-08	2.18E-05	3.21E-08
558398.544160592.33	558399	4160592	1.67E-05	1.10E-08	4.65E-05	5.20E-08	2.44E-05	3.86E-08
558398.544160602.33	558399	4160602	1.89E-05	1.38E-08	5.24E-05	6.55E-08	2.75E-05	4.86E-08
558398.544160612.33	558399	4160612	2.17E-05	1.29E-08	6.02E-05	6.11E-08	3.16E-05	4.53E-08
557976.094160490.12	557976	4160490	3.63E-06	4.36E-10	1.01E-05	2.07E-09	5.29E-06	1.53E-09
557976.094160500.12	557976	4160500	3.76E-06	4.39E-10	1.05E-05	2.08E-09	5.49E-06	1.54E-09
557976.094160510.12	557976	4160510	3.93E-06	4.42E-10	1.09E-05	2.10E-09	5.74E-06	1.56E-09
557976.094160520.12	557976	4160520	4.09E-06	4.44E-10	1.14E-05	2.11E-09	5.97E-06	1.56E-09
557976.094160530.12	557976	4160530	4.23E-06	4.47E-10	1.18E-05	2.12E-09	6.17E-06	1.57E-09
557986.094160480.12	557986	4160480	3.74E-06	4.48E-10	1.04E-05	2.12E-09	5.46E-06	1.58E-09
557986.094160490.12	557986	4160490	3.95E-06	4.52E-10	1.10E-05	2.14E-09	5.76E-06	1.59E-09
557986.094160500.12	557986	4160500	4.09E-06	4.55E-10	1.14E-05	2.16E-09	5.97E-06	1.60E-09
557986.094160510.12	557986	4160510	4.25E-06	4.57E-10	1.18E-05	2.17E-09	6.19E-06	1.61E-09
557986.094160520.12	557986	4160520	4.40E-06	4.60E-10	1.22E-05	2.18E-09	6.42E-06	1.62E-09
557986.094160530.12	557986	4160530	4.56E-06	4.62E-10	1.27E-05	2.19E-09	6.65E-06	1.63E-09
557996.094160480.12	557996	4160480	4.05E-06	4.65E-10	1.12E-05	2.20E-09	5.90E-06	1.64E-09
557996.094160490.12	557996	4160490	4.21E-06	4.68E-10	1.17E-05	2.22E-09	6.14E-06	1.65E-09
557996.094160500.12	557996	4160500	4.38E-06	4.71E-10	1.22E-05	2.23E-09	6.38E-06	1.66E-09
557996.094160510.12	557996	4160510	4.55E-06	4.73E-10	1.26E-05	2.25E-09	6.64E-06	1.67E-09
557996.094160520.12	557996	4160520	4.73E-06	4.76E-10	1.31E-05	2.26E-09	6.90E-06	1.68E-09
557996.094160530.12	557996	4160530	4.92E-06	4.78E-10	1.37E-05	2.27E-09	7.17E-06	1.68E-09
557996.094160540.12	557996	4160540	5.11E-06	4.80E-10	1.42E-05	2.28E-09	7.45E-06	1.69E-09
557996.094160550.12	557996	4160550	5.30E-06	4.82E-10	1.47E-05	2.28E-09	7.72E-06	1.70E-09
557996.094160560.12	557996	4160560	5.49E-06	4.83E-10	1.52E-05	2.29E-09	8.00E-06	1.70E-09
557996.094160570.12	557996	4160570	5.68E-06	4.84E-10	1.58E-05	2.30E-09	8.28E-06	1.70E-09
558006.094160480.12	558006	4160480	4.30E-06	4.81E-10	1.19E-05	2.28E-09	6.27E-06	1.69E-09
558006.094160490.12	558006	4160490	4.49E-06	4.84E-10	1.25E-05	2.30E-09	6.54E-06	1.70E-09
558006.094160500.12	558006	4160500	4.68E-06	4.87E-10	1.30E-05	2.31E-09	6.82E-06	1.71E-09
558006.094160510.12	558006	4160510	4.88E-06	4.90E-10	1.36E-05	2.32E-09	7.12E-06	1.72E-09
558006.094160520.12	558006	4160520	5.09E-06	4.92E-10	1.41E-05	2.34E-09	7.42E-06	1.73E-09
558006.094160530.12	558006	4160530	5.31E-06	4.95E-10	1.47E-05	2.35E-09	7.74E-06	1.74E-09
558006.094160540.12	558006	4160540	5.53E-06	4.97E-10	1.54E-05	2.36E-09	8.06E-06	1.75E-09
558006.094160550.12	558006	4160550	5.75E-06	4.99E-10	1.60E-05	2.37E-09	8.39E-06	1.76E-09
558006.094160560.12	558006	4160560	5.98E-06	5.00E-10	1.66E-05	2.37E-09	8.73E-06	1.76E-09
558006.094160570.12	558006	4160570	6.21E-06	5.01E-10	1.73E-05	2.38E-09	9.05E-06	1.76E-09
558016.094160480.12	558016	4160480	4.57E-06	4.97E-10	1.27E-05	2.36E-09	6.66E-06	1.75E-09
558016.094160490.12	558016	4160490	4.78E-06	5.01E-10	1.33E-05	2.38E-09	6.97E-06	1.76E-09
558016.094160500.12	558016	4160500	5.00E-06	5.04E-10	1.39E-05	2.39E-09	7.29E-06	1.77E-09
558016.094160510.12	558016	4160510	5.23E-06	5.07E-10	1.45E-05	2.41E-09	7.63E-06	1.78E-09
558016.094160520.12	558016	4160520	5.48E-06	5.10E-10	1.52E-05	2.42E-09	7.98E-06	1.79E-09
558016.094160530.12	558016	4160530	5.73E-06	5.13E-10	1.59E-05	2.43E-09	8.35E-06	1.81E-09
558016.094160540.12	558016	4160540	5.99E-06	5.15E-10	1.66E-05	2.45E-09	8.73E-06	1.81E-09
558016.094160550.12	558016	4160550	6.26E-06	5.17E-10	1.74E-05	2.45E-09	9.12E-06	1.82E-09
558016.094160560.12	558016	4160560	6.53E-06	5.19E-10	1.82E-05	2.46E-09	9.53E-06	1.83E-09
558016.094160570.12	558016	4160570	6.81E-06	5.20E-10	1.89E-05	2.47E-09	9.93E-06	1.83E-09
558026.094160480.12	558026	4160480	4.84E-06	5.15E-10	1.35E-05	2.44E-09	7.06E-06	1.81E-09
558026.094160490.12	558026	4160490	5.08E-06	5.19E-10	1.41E-05	2.46E-09	7.41E-06	1.83E-09
558026.094160500.12	558026	4160500	5.34E-06	5.22E-10	1.48E-05	2.48E-09	7.78E-06	1.84E-09
558026.094160510.12	558026	4160510	5.59E-06	5.24E-10	1.55E-05	2.49E-09	8.15E-06	1.85E-09
558026.094160520.12	558026	4160520	5.88E-06	5.28E-10	1.63E-05	2.50E-09	8.58E-06	1.86E-09
558026.094160530.12	558026	4160530	6.18E-06	5.32E-10	1.72E-05	2.52E-09	9.01E-06	1.87E-09
558026.094160540.12	558026	4160540	6.48E-06	5.34E-10	1.80E-05	2.54E-09	9.45E-06	1.88E-09
558026.094160550.12	558026	4160550	6.80E-06	5.37E-10	1.89E-05	2.55E-09	9.92E-06	1.89E-09
558026.094160560.12	558026	4160560	7.14E-06	5.38E-10	1.98E-05	2.55E-09	1.04E-05	1.89E-09
558026.094160570.12	558026	4160570	7.47E-06	5.39E-10	2.08E-05	2.56E-09	1.09E-05	1.90E-09
558036.094160480.12	558036	4160480	5.12E-06	5.32E-10	1.42E-05	2.53E-09	7.46E-06	1.87E-09
558036.094160490.12	558036	4160490	5.40E-06	5.37E-10	1.50E-05	2.55E-09	7.88E-06	1.89E-09
558036.094160500.12	558036	4160500	5.65E-06	5.40E-10	1.57E-05	2.56E-09	8.24E-06	1.90E-09
558036.094160510.12	558036	4160510	5.87E-06	5.42E-10	1.63E-05	2.57E-09	8.56E-06	1.91E-09
558036.094160520.12	558036	4160520	6.24E-06	5.47E-10	1.73E-05	2.59E-09	9.10E-06	1.92E-09
558036.094160530.12	558036	4160530	6.66E-06	5.52E-10	1.85E-05	2.62E-09	9.71E-06	1.94E-09
558036.094160540.12	558036	4160540	7.02E-06	5.55E-10	1.95E-05	2.63E-09	1.02E-05	1.95E-09
558036.094160550.12	558036	4160550	7.40E-06	5.57E-10	2.06E-05	2.64E-09	1.08E-05	1.96E-09
558036.094160560.12	558036	4160560	7.79E-06	5.59E-10	2.17E-05	2.65E-09	1.14E-05	1.97E-09
558046.094160480.12	558046	4160480	5.29E-06	5.49E-10	1.47E-05	2.61E-09	7.71E-06	1.93E-09
558046.094160490.12	558046	4160490	5.58E-06	5.53E-10	1.55E-05	2.63E-09	8.14E-06	1.95E-09
558046.094160500.12	558046	4160500	5.87E-06	5.56E-10	1.63E-05	2.64E-09	8.56E-06	1.96E-09
558046.094160510.12	558046	4160510	6.18E-06	5.60E-10	1.72E-05	2.66E-09	9.01E-06	1.97E-09
558046.094160520.12	558046	4160520	6.64E-06	5.67E-10	1.84E-05	2.69E-09	9.68E-06	1.99E-09
558046.094160530.12	558046	4160530	7.17E-06	5.73E-10	1.99E-05	2.72E-09	1.05E-05	2.02E-09
558046.094160540.12	558046	4160540	7.59E-06	5.76E-10	2.11E-05	2.73E-09	1.11E-05	2.03E-09
558046.094160550.12	558046	4160550	8.04E-06	5.79E-10	2.23E-05	2.75E-09	1.17E-05	2.04E-09
558056.094160480.12	558056	4160480	5.54E-06	5.69E-10	1.54E-05	2.70E-09	8.08E-06	2.00E-09
558056.094160490.12	558056	4160490	5.85E-06	5.72E-10	1.63E-05	2.72E-09	8.53E-06	2.02E-09
558056.094160500.12	558056	4160500	6.16E-06	5.75E-10	1.71E-05	2.73E-09	8.98E-06	2.03E-09
558056.094160510.12	558056	4160510	6.54E-06	5.80E-10	1.82E-05	2.75E-09	9.53E-06	2.04E-09
558056.094160520.12	558056	4160520	7.11E-06	5.89E-10	1.98E-05	2.80E-09	1.04E-05	2.07E-09
558056.094160530.12	558056	4160530	7.70E-06	5.96E-10	2.14E-05	2.83E-09	1.12E-05	2.10E-09
558056.094160540.12	558056	4160540	8.19E-06	5.99E-10	2.27E-05	2.84E-09	1.19E-05	2.11E-09
558066.094160480.12	558066	4160480	6.01E-06	5.97E-10	1.67E-05	2.83E-09	8.76E-06	2.10E-09
558066.094160490.12	558066	4160490	6.35E-06	6.00E-10	1.77E-05	2.85E-09	9.26E-06	2.11E-09
558066.094160500.12	558066	4160500	6.57E-06	6.00E-10	1.83E-05	2.85E-09	9.58E-06	2.11E-09
558066.094160510.12	558066	4160510	7.12E-06	6.08E-10	1.98E-05	2.89E-09	1.04E-05	2.14E-09
558066.094160520.12	558066	4160520	7.73E-06	6.16E-10	2.15E-05	2.92E-09	1.13E-05	2.17E-09
558066.094160530.12	558066	4160530	8.25E-06	6.20E-10	2.29E-05	2.94E-09	1.20E-05	2.18E-09
558076.094160480.12	558076	4160480	6.30E-06	6.21E-10	1.75E-05	2.95E-09	9.19E-06	2.19E-09
558076.094160490.12	558076	4160490	6.72E-06	6.25E-10	1.87E-05	2.97E-09	9.80E-06	2.20E-09
558076.094160500.12	558076	4160500	6.94E-06	6.25E-10	1.93E-05	2.96E-09	1.01E-05	2.20E-09
558076.094160510.12	558076	4160510	7.67E-06	6.35E-10	2.13E-05	3.01E-09	1.12E-05	2.24E-09
558076.094160520.12	558076	4160520	8.21E-06	6.42E-10	2.28E-05	3.04E-09	1.20E-05	2.26E-09
558086.094160490.12	558086	4160490	6.98E-06	6.51E-10	1.94E-05	3.09E-09	1.02E-05	2.29E-09
558086.094160500.12	558086	4160500	7.38E-06	6.54E-10	2.05E-05	3.10E-09	1.08E-05	2.30E-09
558086.094160510.12	558086	4160510	8.10E-06	6.63E-10	2.25E-05	3.15E-09	1.18E-05	2.33E-09
558096.094160490.12	558096	4160490	7.25E-06	6.78E-10	2.01E-05	3.22E-09	1.06E-05	2.39E-09
558096.094160500.12	558096	4160500	7.91E-06	6.86E-10	2.20E-05	3.25E-09	1.15E-05	2.41E-09
558186.784160496.28	558187	4160496	9.17E-06	1.06E-09	2.55E-05	5.02E-09	1.34E-05	3.73E-09
558186.784160506.28	558187	4160506	1.01E-05	1.06E-09	2.80E-05	5.05E-09	1.47E-05	3.75E-09
558196.784160496.28	558197	4160496	9.18E-06	1.12E-09	2.55E-05	5.34E-09	1.34E-05	3.96E-09
558196.784160506.28	558197	4160506	1.01E-05	1.13E-09	2.79E-05	5.38E-09	1.47E-05	3.99E-09
558196.784160516.28	558197	4160516	1.12E-05	1.14E-09	3.10E-05	5.42E-09	1.63E-05	4.02E-09
558196.784160526.28	558197	4160526	1.27E-05	1.16E-09	3.52E-05	5.50E-09	1.85E-05	4.08E-09

RESIDENTIAL CONCENTRATIONS & DOSE

			AA	AF	AI	AN	AQ	AT
			3rd Tri Dose (mg/kg-day)		0<2 Dose (mg/kg-day)		2<16 Dose (mg/kg-day)	
XY	X	Y	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558206.784160506.28	558207	4160506	1.00E-05	1.21E-09	2.79E-05	5.74E-09	1.46E-05	4.26E-09
558206.784160516.28	558207	4160516	1.12E-05	1.23E-09	3.11E-05	5.81E-09	1.63E-05	4.31E-09
558206.784160526.28	558207	4160526	1.25E-05	1.24E-09	3.48E-05	5.87E-09	1.83E-05	4.36E-09
558206.784160536.28	558207	4160536	1.43E-05	1.26E-09	3.98E-05	5.96E-09	2.09E-05	4.42E-09
558216.784160516.28	558217	4160516	1.11E-05	1.31E-09	3.08E-05	6.22E-09	1.62E-05	4.61E-09
558216.784160526.28	558217	4160526	1.24E-05	1.33E-09	3.45E-05	6.31E-09	1.81E-05	4.68E-09
558216.784160536.28	558217	4160536	1.40E-05	1.35E-09	3.90E-05	6.38E-09	2.05E-05	4.74E-09
558216.784160546.28	558217	4160546	1.61E-05	1.36E-09	4.47E-05	6.46E-09	2.35E-05	4.80E-09
558226.784160526.28	558227	4160526	1.22E-05	1.42E-09	3.40E-05	6.76E-09	1.78E-05	5.02E-09
558226.784160536.28	558227	4160536	1.39E-05	1.45E-09	3.85E-05	6.87E-09	2.02E-05	5.10E-09
558226.784160546.28	558227	4160546	1.59E-05	1.47E-09	4.42E-05	6.98E-09	2.32E-05	5.18E-09
558236.784160536.28	558237	4160536	1.35E-05	1.56E-09	3.75E-05	7.40E-09	1.97E-05	5.49E-09
558115.174160402.59	558115	4160403	4.24E-06	6.79E-10	1.18E-05	3.22E-09	6.19E-06	2.39E-09
558115.174160412.59	558115	4160413	4.53E-06	6.87E-10	1.26E-05	3.26E-09	6.60E-06	2.42E-09
558115.174160422.59	558115	4160423	4.84E-06	6.93E-10	1.35E-05	3.29E-09	7.06E-06	2.44E-09
558115.174160432.59	558115	4160433	5.18E-06	7.01E-10	1.44E-05	3.33E-09	7.56E-06	2.47E-09
558115.174160442.59	558115	4160443	5.56E-06	7.08E-10	1.54E-05	3.36E-09	8.10E-06	2.49E-09
558125.174160392.59	558125	4160393	4.02E-06	6.99E-10	1.12E-05	3.32E-09	5.86E-06	2.46E-09
558125.174160402.59	558125	4160403	4.29E-06	7.08E-10	1.19E-05	3.36E-09	6.25E-06	2.49E-09
558125.174160412.59	558125	4160413	4.59E-06	7.15E-10	1.27E-05	3.39E-09	6.69E-06	2.52E-09
558125.174160422.59	558125	4160423	4.91E-06	7.23E-10	1.36E-05	3.43E-09	7.16E-06	2.55E-09
558125.174160432.59	558125	4160433	5.27E-06	7.31E-10	1.46E-05	3.47E-09	7.68E-06	2.57E-09
558125.174160442.59	558125	4160443	5.66E-06	7.39E-10	1.57E-05	3.51E-09	8.25E-06	2.60E-09
558135.174160372.59	558135	4160373	3.55E-06	7.11E-10	9.87E-06	3.37E-09	5.18E-06	2.50E-09
558135.174160382.59	558135	4160383	3.78E-06	7.20E-10	1.05E-05	3.42E-09	5.52E-06	2.54E-09
558135.174160392.59	558135	4160393	4.04E-06	7.29E-10	1.12E-05	3.46E-09	5.89E-06	2.57E-09
558135.174160402.59	558135	4160403	4.32E-06	7.37E-10	1.20E-05	3.50E-09	6.30E-06	2.60E-09
558135.174160412.59	558135	4160413	4.62E-06	7.46E-10	1.28E-05	3.54E-09	6.74E-06	2.63E-09
558135.174160422.59	558135	4160423	4.96E-06	7.55E-10	1.38E-05	3.58E-09	7.23E-06	2.66E-09
558135.174160432.59	558135	4160433	5.33E-06	7.63E-10	1.48E-05	3.62E-09	7.77E-06	2.69E-09
558135.174160442.59	558135	4160443	5.74E-06	7.73E-10	1.59E-05	3.67E-09	8.37E-06	2.72E-09
558145.174160372.59	558145	4160373	3.55E-06	7.41E-10	9.87E-06	3.51E-09	5.18E-06	2.61E-09
558145.174160382.59	558145	4160383	3.79E-06	7.51E-10	1.05E-05	3.56E-09	5.52E-06	2.64E-09
558145.174160392.59	558145	4160393	4.05E-06	7.60E-10	1.12E-05	3.61E-09	5.90E-06	2.68E-09
558145.174160402.59	558145	4160403	4.33E-06	7.70E-10	1.20E-05	3.65E-09	6.31E-06	2.71E-09
558145.174160412.59	558145	4160413	4.64E-06	7.79E-10	1.29E-05	3.70E-09	6.77E-06	2.74E-09
558145.174160422.59	558145	4160423	4.99E-06	7.89E-10	1.39E-05	3.74E-09	7.27E-06	2.78E-09
558145.174160432.59	558145	4160433	5.37E-06	7.99E-10	1.49E-05	3.79E-09	7.83E-06	2.81E-09
558145.174160442.59	558145	4160443	5.79E-06	8.09E-10	1.61E-05	3.84E-09	8.45E-06	2.85E-09
558155.174160372.59	558155	4160373	3.54E-06	7.72E-10	9.83E-06	3.66E-09	5.16E-06	2.72E-09
558155.174160382.59	558155	4160383	3.78E-06	7.83E-10	1.05E-05	3.71E-09	5.51E-06	2.76E-09
558155.174160392.59	558155	4160393	4.04E-06	7.93E-10	1.12E-05	3.76E-09	5.89E-06	2.79E-09
558155.174160402.59	558155	4160403	4.33E-06	8.04E-10	1.20E-05	3.82E-09	6.31E-06	2.83E-09
558155.174160412.59	558155	4160413	4.65E-06	8.15E-10	1.29E-05	3.87E-09	6.77E-06	2.87E-09
558155.174160422.59	558155	4160423	5.00E-06	8.25E-10	1.39E-05	3.92E-09	7.29E-06	2.91E-09
558155.174160432.59	558155	4160433	5.39E-06	8.36E-10	1.50E-05	3.97E-09	7.86E-06	2.94E-09
558155.174160442.59	558155	4160443	5.82E-06	8.47E-10	1.62E-05	4.02E-09	8.49E-06	2.98E-09
558165.174160362.59	558165	4160363	3.29E-06	7.92E-10	9.15E-06	3.76E-09	4.80E-06	2.79E-09
558165.174160372.59	558165	4160373	3.51E-06	8.05E-10	9.75E-06	3.82E-09	5.12E-06	2.83E-09
558165.174160382.59	558165	4160383	3.75E-06	8.17E-10	1.04E-05	3.88E-09	5.47E-06	2.88E-09
558165.174160392.59	558165	4160393	4.02E-06	8.29E-10	1.12E-05	3.93E-09	5.85E-06	2.92E-09
558165.174160402.59	558165	4160403	4.31E-06	8.41E-10	1.20E-05	3.99E-09	6.28E-06	2.96E-09
558165.174160412.59	558165	4160413	4.63E-06	8.53E-10	1.29E-05	4.05E-09	6.75E-06	3.00E-09
558165.174160422.59	558165	4160423	4.98E-06	8.64E-10	1.38E-05	4.10E-09	7.27E-06	3.04E-09
558165.174160432.59	558165	4160433	5.38E-06	8.77E-10	1.49E-05	4.16E-09	7.84E-06	3.09E-09
558175.174160362.59	558175	4160363	3.26E-06	8.26E-10	9.05E-06	3.92E-09	4.75E-06	2.91E-09
558175.174160372.59	558175	4160373	3.47E-06	8.39E-10	9.65E-06	3.98E-09	5.06E-06	2.96E-09
558175.174160382.59	558175	4160383	3.71E-06	8.53E-10	1.03E-05	4.05E-09	5.41E-06	3.00E-09
558175.174160392.59	558175	4160393	3.98E-06	8.66E-10	1.10E-05	4.11E-09	5.80E-06	3.05E-09
558175.174160402.59	558175	4160403	4.27E-06	8.79E-10	1.19E-05	4.17E-09	6.23E-06	3.10E-09
558175.174160412.59	558175	4160413	4.59E-06	8.93E-10	1.28E-05	4.24E-09	6.69E-06	3.14E-09
558175.174160422.59	558175	4160423	4.95E-06	9.06E-10	1.38E-05	4.30E-09	7.22E-06	3.19E-09
558185.174160362.59	558185	4160363	3.21E-06	8.61E-10	8.92E-06	4.09E-09	4.68E-06	3.03E-09
558185.174160372.59	558185	4160373	3.43E-06	8.76E-10	9.52E-06	4.16E-09	4.99E-06	3.08E-09
558185.174160382.59	558185	4160383	3.66E-06	8.91E-10	1.02E-05	4.23E-09	5.34E-06	3.14E-09
558185.174160392.59	558185	4160393	3.92E-06	9.06E-10	1.09E-05	4.30E-09	5.72E-06	3.19E-09
558185.174160402.59	558185	4160403	4.21E-06	9.21E-10	1.17E-05	4.37E-09	6.15E-06	3.24E-09
558185.174160412.59	558185	4160413	4.53E-06	9.36E-10	1.26E-05	4.44E-09	6.61E-06	3.29E-09
558185.174160422.59	558185	4160423	4.89E-06	9.51E-10	1.36E-05	4.51E-09	7.13E-06	3.35E-09
558185.174160432.59	558185	4160433	5.29E-06	9.66E-10	1.47E-05	4.58E-09	7.71E-06	3.40E-09
558185.174160442.59	558185	4160443	5.73E-06	9.80E-10	1.59E-05	4.65E-09	8.35E-06	3.45E-09
558195.174160362.59	558195	4160363	3.16E-06	8.99E-10	8.77E-06	4.26E-09	4.60E-06	3.16E-09
558195.174160372.59	558195	4160373	3.37E-06	9.14E-10	9.36E-06	4.34E-09	4.91E-06	3.22E-09
558195.174160382.59	558195	4160383	3.60E-06	9.31E-10	1.00E-05	4.42E-09	5.25E-06	3.28E-09
558195.174160392.59	558195	4160393	3.86E-06	9.47E-10	1.07E-05	4.50E-09	5.63E-06	3.34E-09
558195.174160402.59	558195	4160403	4.15E-06	9.65E-10	1.15E-05	4.58E-09	6.05E-06	3.40E-09
558195.174160412.59	558195	4160413	4.46E-06	9.81E-10	1.24E-05	4.66E-09	6.51E-06	3.45E-09
558195.174160422.59	558195	4160423	4.82E-06	9.98E-10	1.34E-05	4.73E-09	7.02E-06	3.51E-09
558195.174160432.59	558195	4160433	5.21E-06	1.01E-09	1.45E-05	4.82E-09	7.60E-06	3.57E-09
558195.174160442.59	558195	4160443	5.64E-06	1.03E-09	1.57E-05	4.89E-09	8.22E-06	3.63E-09
558195.174160452.59	558195	4160453	6.11E-06	1.04E-09	1.70E-05	4.96E-09	8.91E-06	3.68E-09
558205.174160362.59	558205	4160363	3.10E-06	9.37E-10	8.61E-06	4.45E-09	4.52E-06	3.30E-09
558205.174160372.59	558205	4160373	3.30E-06	9.55E-10	9.18E-06	4.53E-09	4.82E-06	3.36E-09
558205.174160382.59	558205	4160383	3.53E-06	9.73E-10	9.82E-06	4.62E-09	5.15E-06	3.43E-09
558205.174160392.59	558205	4160393	3.79E-06	9.92E-10	1.05E-05	4.71E-09	5.52E-06	3.49E-09
558205.174160402.59	558205	4160403	4.07E-06	1.01E-09	1.13E-05	4.80E-09	5.94E-06	3.56E-09
558205.174160412.59	558205	4160413	4.38E-06	1.03E-09	1.22E-05	4.88E-09	6.39E-06	3.62E-09
558205.174160422.59	558205	4160423	4.73E-06	1.05E-09	1.31E-05	4.98E-09	6.90E-06	3.69E-09
558205.174160432.59	558205	4160433	5.11E-06	1.07E-09	1.42E-05	5.06E-09	7.45E-06	3.76E-09
558205.174160442.59	558205	4160443	5.54E-06	1.09E-09	1.54E-05	5.15E-09	8.08E-06	3.82E-09
558205.174160452.59	558205	4160453	6.01E-06	1.10E-09	1.67E-05	5.23E-09	8.76E-06	3.88E-09
558205.174160462.59	558205	4160463	6.54E-06	1.12E-09	1.82E-05	5.31E-09	9.54E-06	3.94E-09
558215.174160362.59	558215	4160363	3.03E-06	9.78E-10	8.42E-06	4.64E-09	4.42E-06	3.44E-09
558215.174160372.59	558215	4160373	3.24E-06	9.98E-10	8.99E-06	4.73E-09	4.72E-06	3.51E-09
558215.174160382.59	558215	4160383	3.46E-06	1.02E-09	9.62E-06	4.83E-09	5.05E-06	3.59E-09
558215.174160392.59	558215	4160393	3.71E-06	1.04E-09	1.03E-05	4.93E-09	5.41E-06	3.66E-09
558215.174160402.59	558215	4160403	3.98E-06	1.06E-09	1.11E-05	5.03E-09	5.81E-06	3.73E-09
558215.174160412.59	558215	4160413	4.29E-06	1.08E-09	1.19E-05	5.13E-09	6.25E-06	3.81E-09
558215.174160422.59	558215	4160423	4.62E-06	1.10E-09	1.28E-05	5.22E-09	6.74E-06	3.88E-09
558215.174160432.59	558215	4160433	5.00E-06	1.12E-09	1.39E-05	5.33E-09	7.29E-06	3.95E-09
558215.174160442.59	558215	4160443	5.42E-06	1.14E-09	1.51E-05	5.43E-09	7.91E-06	4.03E-09
558215.174160452.59	558215	4160453	5.90E-06	1.17E-09	1.64E-05	5.53E-09	8.61E-06	4.11E-09
558215.174160462.59	558215	4160463	6.41E-06	1.18E-09	1.78E-05	5.62E-09	9.35E-06	4.17E-09

RESIDENTIAL CONCENTRATIONS & DOSE

			AA	AF	AI	AN	AQ	AT
			3rd Tri Dose (mg/kg-day)		0<2 Dose (mg/kg-day)		2<16 Dose (mg/kg-day)	
XY	X	Y	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558215.174160472.59	558215	4160473	7.01E-06	1.21E-09	1.95E-05	5.72E-09	1.02E-05	4.24E-09
558225.174160362.59	558225	4160363	2.96E-06	1.02E-09	8.23E-06	4.84E-09	4.32E-06	3.59E-09
558225.174160372.59	558225	4160373	3.16E-06	1.04E-09	8.78E-06	4.95E-09	4.61E-06	3.67E-09
558225.174160382.59	558225	4160383	3.38E-06	1.07E-09	9.40E-06	5.06E-09	4.93E-06	3.75E-09
558225.174160392.59	558225	4160393	3.62E-06	1.09E-09	1.01E-05	5.16E-09	5.28E-06	3.83E-09
558225.174160402.59	558225	4160403	3.89E-06	1.11E-09	1.08E-05	5.27E-09	5.67E-06	3.91E-09
558225.174160412.59	558225	4160413	4.18E-06	1.13E-09	1.16E-05	5.38E-09	6.10E-06	3.99E-09
558225.174160422.59	558225	4160423	4.51E-06	1.16E-09	1.25E-05	5.49E-09	6.58E-06	4.08E-09
558225.174160432.59	558225	4160433	4.88E-06	1.18E-09	1.35E-05	5.61E-09	7.11E-06	4.16E-09
558225.174160442.59	558225	4160443	5.29E-06	1.21E-09	1.47E-05	5.73E-09	7.71E-06	4.25E-09
558225.174160452.59	558225	4160453	5.75E-06	1.23E-09	1.60E-05	5.84E-09	8.39E-06	4.34E-09
558225.174160462.59	558225	4160463	6.28E-06	1.26E-09	1.74E-05	5.96E-09	9.15E-06	4.42E-09
558225.174160472.59	558225	4160473	6.86E-06	1.28E-09	1.91E-05	6.07E-09	1.00E-05	4.50E-09
558225.174160482.59	558225	4160483	7.52E-06	1.30E-09	2.09E-05	6.18E-09	1.10E-05	4.59E-09
558235.174160362.59	558235	4160363	2.89E-06	1.07E-09	8.03E-06	5.06E-09	4.21E-06	3.75E-09
558235.174160372.59	558235	4160373	3.08E-06	1.09E-09	8.56E-06	5.17E-09	4.49E-06	3.84E-09
558235.174160382.59	558235	4160383	3.30E-06	1.11E-09	9.16E-06	5.29E-09	4.81E-06	3.92E-09
558235.174160392.59	558235	4160393	3.53E-06	1.14E-09	9.81E-06	5.41E-09	5.15E-06	4.01E-09
558235.174160402.59	558235	4160403	3.79E-06	1.17E-09	1.05E-05	5.53E-09	5.53E-06	4.10E-09
558235.174160412.59	558235	4160413	4.07E-06	1.19E-09	1.13E-05	5.65E-09	5.94E-06	4.19E-09
558235.174160422.59	558235	4160423	4.39E-06	1.22E-09	1.22E-05	5.78E-09	6.41E-06	4.29E-09
558235.174160432.59	558235	4160433	4.75E-06	1.25E-09	1.32E-05	5.91E-09	6.92E-06	4.38E-09
558235.174160442.59	558235	4160443	5.15E-06	1.27E-09	1.43E-05	6.04E-09	7.50E-06	4.48E-09
558235.174160452.59	558235	4160453	5.60E-06	1.30E-09	1.56E-05	6.17E-09	8.16E-06	4.58E-09
558235.174160462.59	558235	4160463	6.11E-06	1.33E-09	1.70E-05	6.31E-09	8.91E-06	4.68E-09
558235.174160472.59	558235	4160473	6.70E-06	1.36E-09	1.86E-05	6.45E-09	9.76E-06	4.79E-09
558235.174160482.59	558235	4160483	7.34E-06	1.39E-09	2.04E-05	6.58E-09	1.07E-05	4.88E-09
558235.174160492.59	558235	4160493	8.07E-06	1.41E-09	2.24E-05	6.70E-09	1.18E-05	4.97E-09
558245.174160362.59	558245	4160363	2.81E-06	1.11E-09	7.82E-06	5.28E-09	4.10E-06	3.92E-09
558245.174160372.59	558245	4160373	3.00E-06	1.14E-09	8.34E-06	5.40E-09	4.38E-06	4.01E-09
558245.174160382.59	558245	4160383	3.21E-06	1.17E-09	8.91E-06	5.53E-09	4.68E-06	4.11E-09
558245.174160392.59	558245	4160393	3.44E-06	1.19E-09	9.55E-06	5.67E-09	5.01E-06	4.20E-09
558245.174160402.59	558245	4160403	3.69E-06	1.22E-09	1.02E-05	5.80E-09	5.38E-06	4.31E-09
558245.174160412.59	558245	4160413	3.96E-06	1.25E-09	1.10E-05	5.94E-09	5.78E-06	4.41E-09
558245.174160422.59	558245	4160423	4.27E-06	1.28E-09	1.19E-05	6.08E-09	6.23E-06	4.51E-09
558245.174160432.59	558245	4160433	4.61E-06	1.31E-09	1.28E-05	6.22E-09	6.73E-06	4.62E-09
558245.174160442.59	558245	4160443	5.00E-06	1.34E-09	1.39E-05	6.37E-09	7.29E-06	4.73E-09
558245.174160452.59	558245	4160453	5.44E-06	1.38E-09	1.51E-05	6.53E-09	7.93E-06	4.85E-09
558245.174160462.59	558245	4160463	5.94E-06	1.41E-09	1.65E-05	6.69E-09	8.66E-06	4.96E-09
558245.174160472.59	558245	4160473	6.50E-06	1.44E-09	1.81E-05	6.85E-09	9.48E-06	5.08E-09
558245.174160482.59	558245	4160483	7.14E-06	1.48E-09	1.98E-05	7.01E-09	1.04E-05	5.20E-09
558245.174160492.59	558245	4160493	7.87E-06	1.51E-09	2.19E-05	7.16E-09	1.15E-05	5.31E-09
558245.174160502.59	558245	4160503	8.69E-06	1.54E-09	2.42E-05	7.31E-09	1.27E-05	5.42E-09
558255.174160362.59	558255	4160363	2.73E-06	1.16E-09	7.60E-06	5.51E-09	3.99E-06	4.09E-09
558255.174160372.59	558255	4160373	2.92E-06	1.19E-09	8.10E-06	5.65E-09	4.25E-06	4.19E-09
558255.174160382.59	558255	4160383	3.12E-06	1.22E-09	8.66E-06	5.79E-09	4.54E-06	4.30E-09
558255.174160392.59	558255	4160393	3.34E-06	1.25E-09	9.27E-06	5.94E-09	4.87E-06	4.40E-09
558255.174160402.59	558255	4160403	3.58E-06	1.28E-09	9.95E-06	6.09E-09	5.22E-06	4.52E-09
558255.174160412.59	558255	4160413	3.85E-06	1.32E-09	1.07E-05	6.24E-09	5.62E-06	4.63E-09
558255.174160422.59	558255	4160423	4.15E-06	1.35E-09	1.15E-05	6.40E-09	6.05E-06	4.75E-09
558255.174160432.59	558255	4160433	4.48E-06	1.38E-09	1.24E-05	6.56E-09	6.53E-06	4.87E-09
558255.174160442.59	558255	4160443	4.86E-06	1.42E-09	1.35E-05	6.73E-09	7.08E-06	5.00E-09
558255.174160452.59	558255	4160453	5.28E-06	1.46E-09	1.47E-05	6.91E-09	7.70E-06	5.13E-09
558255.174160462.59	558255	4160463	5.76E-06	1.49E-09	1.60E-05	7.09E-09	8.39E-06	5.26E-09
558255.174160472.59	558255	4160473	6.30E-06	1.53E-09	1.75E-05	7.27E-09	9.19E-06	5.40E-09
558255.174160482.59	558255	4160483	6.93E-06	1.57E-09	1.93E-05	7.46E-09	1.01E-05	5.54E-09
558255.174160492.59	558255	4160493	7.66E-06	1.61E-09	2.13E-05	7.66E-09	1.12E-05	5.68E-09
558255.174160502.59	558255	4160503	8.47E-06	1.65E-09	2.35E-05	7.84E-09	1.24E-05	5.81E-09
558255.174160512.59	558255	4160513	9.41E-06	1.69E-09	2.62E-05	8.01E-09	1.37E-05	5.95E-09
558265.174160362.59	558265	4160363	2.66E-06	1.21E-09	7.38E-06	5.75E-09	3.87E-06	4.26E-09
558265.174160372.59	558265	4160373	2.83E-06	1.24E-09	7.87E-06	5.90E-09	4.13E-06	4.38E-09
558265.174160382.59	558265	4160383	3.02E-06	1.28E-09	8.40E-06	6.05E-09	4.41E-06	4.49E-09
558265.174160392.59	558265	4160393	3.24E-06	1.31E-09	9.00E-06	6.22E-09	4.72E-06	4.61E-09
558265.174160402.59	558265	4160403	3.47E-06	1.35E-09	9.65E-06	6.38E-09	5.06E-06	4.74E-09
558265.174160412.59	558265	4160413	3.73E-06	1.38E-09	1.04E-05	6.56E-09	5.44E-06	4.86E-09
558265.174160422.59	558265	4160423	4.02E-06	1.42E-09	1.12E-05	6.73E-09	5.86E-06	5.00E-09
558265.174160432.59	558265	4160433	4.35E-06	1.46E-09	1.21E-05	6.92E-09	6.34E-06	5.13E-09
558265.174160442.59	558265	4160443	4.71E-06	1.50E-09	1.31E-05	7.11E-09	6.87E-06	5.28E-09
558265.174160452.59	558265	4160453	5.12E-06	1.54E-09	1.42E-05	7.31E-09	7.46E-06	5.42E-09
558265.174160462.59	558265	4160463	5.58E-06	1.58E-09	1.55E-05	7.51E-09	8.14E-06	5.57E-09
558265.174160472.59	558265	4160473	6.11E-06	1.63E-09	1.70E-05	7.73E-09	8.91E-06	5.73E-09
558265.174160482.59	558265	4160483	6.73E-06	1.68E-09	1.87E-05	7.95E-09	9.82E-06	5.90E-09
558265.174160492.59	558265	4160493	7.44E-06	1.72E-09	2.07E-05	8.18E-09	1.09E-05	6.07E-09
558265.174160502.59	558265	4160503	8.28E-06	1.77E-09	2.30E-05	8.42E-09	1.21E-05	6.25E-09
558265.174160512.59	558265	4160513	9.21E-06	1.82E-09	2.56E-05	8.64E-09	1.34E-05	6.41E-09
558265.174160522.59	558265	4160523	1.03E-05	1.87E-09	2.87E-05	8.86E-09	1.51E-05	6.57E-09
558275.174160362.59	558275	4160363	2.57E-06	1.26E-09	7.15E-06	6.00E-09	3.75E-06	4.45E-09
558275.174160372.59	558275	4160373	2.74E-06	1.30E-09	7.62E-06	6.16E-09	4.00E-06	4.57E-09
558275.174160382.59	558275	4160383	2.93E-06	1.33E-09	8.14E-06	6.33E-09	4.27E-06	4.70E-09
558275.174160392.59	558275	4160393	3.14E-06	1.37E-09	8.72E-06	6.51E-09	4.57E-06	4.83E-09
558275.174160402.59	558275	4160403	3.36E-06	1.41E-09	9.35E-06	6.69E-09	4.91E-06	4.97E-09
558275.174160412.59	558275	4160413	3.62E-06	1.45E-09	1.00E-05	6.89E-09	5.27E-06	5.11E-09
558275.174160422.59	558275	4160423	3.90E-06	1.49E-09	1.08E-05	7.08E-09	5.68E-06	5.26E-09
558275.174160432.59	558275	4160433	4.21E-06	1.54E-09	1.17E-05	7.29E-09	6.14E-06	5.41E-09
558275.174160442.59	558275	4160443	4.56E-06	1.58E-09	1.27E-05	7.51E-09	6.66E-06	5.57E-09
558275.174160452.59	558275	4160453	4.96E-06	1.63E-09	1.38E-05	7.73E-09	7.23E-06	5.74E-09
558275.174160462.59	558275	4160463	5.41E-06	1.68E-09	1.50E-05	7.97E-09	7.89E-06	5.91E-09
558275.174160472.59	558275	4160473	5.94E-06	1.73E-09	1.65E-05	8.22E-09	8.66E-06	6.10E-09
558275.174160482.59	558275	4160483	6.54E-06	1.79E-09	1.82E-05	8.48E-09	9.53E-06	6.29E-09
558275.174160492.59	558275	4160493	7.23E-06	1.84E-09	2.01E-05	8.74E-09	1.05E-05	6.49E-09
558275.174160502.59	558275	4160503	8.05E-06	1.90E-09	2.24E-05	9.03E-09	1.17E-05	6.70E-09
558275.174160512.59	558275	4160513	9.04E-06	1.97E-09	2.51E-05	9.33E-09	1.32E-05	6.92E-09
558275.174160522.59	558275	4160523	1.02E-05	2.03E-09	2.83E-05	9.61E-09	1.49E-05	7.13E-09
558275.174160532.59	558275	4160533	1.15E-05	2.08E-09	3.21E-05	9.89E-09	1.68E-05	7.34E-09
558285.174160362.59	558285	4160363	2.49E-06	1.32E-09	6.93E-06	6.26E-09	3.64E-06	4.64E-09
558285.174160372.59	558285	4160373	2.66E-06	1.36E-09	7.38E-06	6.43E-09	3.87E-06	4.77E-09
558285.174160382.59	558285	4160383	2.84E-06	1.39E-09	7.88E-06	6.61E-09	4.14E-06	4.91E-09
558285.174160392.59	558285	4160393	3.04E-06	1.44E-09	8.44E-06	6.81E-09	4.43E-06	5.05E-09
558285.174160402.59	558285	4160403	3.26E-06	1.48E-09	9.05E-06	7.01E-09	4.75E-06	5.21E-09
558285.174160412.59	558285	4160413	3.50E-06	1.52E-09	9.73E-06	7.23E-09	5.10E-06	5.36E-09
558285.174160422.59	558285	4160423	3.77E-06	1.57E-09	1.05E-05	7.45E-09	5.50E-06	5.53E-09
558285.174160432.59	558285	4160433	4.08E-06	1.62E-09	1.13E-05	7.68E-09	5.95E-06	5.70E-09
558285.174160442.59	558285	4160443	4.42E-06	1.67E-09	1.23E-05	7.92E-09	6.45E-06	5.88E-09

RESIDENTIAL CONCENTRATIONS & DOSE

			AA	AF	AI	AN	AQ	AT
			3rd Tri Dose (mg/kg-day)		0<2 Dose (mg/kg-day)		2<16 Dose (mg/kg-day)	
XY	X	Y	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558285.174160452.59	558285	4160453	4.81E-06	1.72E-09	1.34E-05	8.17E-09	7.01E-06	6.07E-09
558285.174160462.59	558285	4160463	5.26E-06	1.78E-09	1.46E-05	8.45E-09	7.66E-06	6.27E-09
558285.174160472.59	558285	4160473	5.76E-06	1.84E-09	1.60E-05	8.74E-09	8.41E-06	6.48E-09
558285.174160482.59	558285	4160483	6.35E-06	1.90E-09	1.76E-05	9.03E-09	9.25E-06	6.70E-09
558285.174160492.59	558285	4160493	7.03E-06	1.97E-09	1.95E-05	9.34E-09	1.02E-05	6.93E-09
558285.174160502.59	558285	4160503	7.85E-06	2.04E-09	2.18E-05	9.69E-09	1.14E-05	7.19E-09
558285.174160512.59	558285	4160513	8.84E-06	2.12E-09	2.45E-05	1.01E-08	1.29E-05	7.46E-09
558285.174160522.59	558285	4160523	1.00E-05	2.20E-09	2.78E-05	1.04E-08	1.46E-05	7.73E-09
558285.174160532.59	558285	4160533	1.14E-05	2.27E-09	3.16E-05	1.08E-08	1.66E-05	8.00E-09
558295.174160362.59	558295	4160363	2.41E-06	1.37E-09	6.70E-06	6.52E-09	3.52E-06	4.84E-09
558295.174160372.59	558295	4160373	2.57E-06	1.41E-09	7.14E-06	6.71E-09	3.75E-06	4.98E-09
558295.174160382.59	558295	4160383	2.74E-06	1.46E-09	7.62E-06	6.91E-09	4.00E-06	5.13E-09
558295.174160392.59	558295	4160393	2.94E-06	1.50E-09	8.16E-06	7.12E-09	4.28E-06	5.29E-09
558295.174160402.59	558295	4160403	3.15E-06	1.55E-09	8.75E-06	7.34E-09	4.59E-06	5.44E-09
558295.174160412.59	558295	4160413	3.39E-06	1.60E-09	9.41E-06	7.58E-09	4.94E-06	5.62E-09
558295.174160422.59	558295	4160423	3.65E-06	1.65E-09	1.01E-05	7.82E-09	5.32E-06	5.81E-09
558295.174160432.59	558295	4160433	3.95E-06	1.70E-09	1.10E-05	8.08E-09	5.76E-06	6.00E-09
558295.174160442.59	558295	4160443	4.28E-06	1.76E-09	1.19E-05	8.35E-09	6.24E-06	6.20E-09
558295.174160452.59	558295	4160453	4.66E-06	1.82E-09	1.30E-05	8.65E-09	6.80E-06	6.42E-09
558295.174160462.59	558295	4160463	5.10E-06	1.89E-09	1.42E-05	8.95E-09	7.44E-06	6.64E-09
558295.174160472.59	558295	4160473	5.60E-06	1.95E-09	1.56E-05	9.28E-09	8.16E-06	6.88E-09
558295.174160482.59	558295	4160483	6.18E-06	2.03E-09	1.72E-05	9.62E-09	9.01E-06	7.14E-09
558295.174160492.59	558295	4160493	6.85E-06	2.10E-09	1.90E-05	9.99E-09	9.99E-06	7.41E-09
558295.174160502.59	558295	4160503	7.66E-06	2.19E-09	2.13E-05	1.04E-08	1.12E-05	7.71E-09
558295.174160512.59	558295	4160513	8.64E-06	2.28E-09	2.40E-05	1.08E-08	1.26E-05	8.04E-09
558295.174160522.59	558295	4160523	9.82E-06	2.38E-09	2.73E-05	1.13E-08	1.43E-05	8.38E-09
558295.174160532.59	558295	4160533	1.12E-05	2.48E-09	3.12E-05	1.18E-08	1.64E-05	8.72E-09
558305.174160362.59	558305	4160363	2.33E-06	1.43E-09	6.48E-06	6.80E-09	3.40E-06	5.04E-09
558305.174160372.59	558305	4160373	2.48E-06	1.48E-09	6.90E-06	7.00E-09	3.62E-06	5.20E-09
558305.174160382.59	558305	4160383	2.65E-06	1.52E-09	7.37E-06	7.21E-09	3.87E-06	5.35E-09
558305.174160392.59	558305	4160393	2.84E-06	1.57E-09	7.88E-06	7.44E-09	4.14E-06	5.52E-09
558305.174160402.59	558305	4160403	3.04E-06	1.61E-09	8.45E-06	7.66E-09	4.44E-06	5.68E-09
558305.174160412.59	558305	4160413	3.27E-06	1.67E-09	9.09E-06	7.91E-09	4.77E-06	5.87E-09
558305.174160422.59	558305	4160423	3.53E-06	1.73E-09	9.81E-06	8.20E-09	5.15E-06	6.09E-09
558305.174160432.59	558305	4160433	3.82E-06	1.79E-09	1.06E-05	8.49E-09	5.57E-06	6.30E-09
558305.174160442.59	558305	4160443	4.15E-06	1.85E-09	1.15E-05	8.80E-09	6.05E-06	6.53E-09
558305.174160452.59	558305	4160453	4.52E-06	1.92E-09	1.26E-05	9.12E-09	6.59E-06	6.77E-09
558305.174160462.59	558305	4160463	4.95E-06	2.00E-09	1.37E-05	9.47E-09	7.21E-06	7.02E-09
558305.174160472.59	558305	4160473	5.44E-06	2.07E-09	1.51E-05	9.84E-09	7.93E-06	7.30E-09
558305.174160482.59	558305	4160483	6.01E-06	2.16E-09	1.67E-05	1.02E-08	8.77E-06	7.59E-09
558305.174160492.59	558305	4160493	6.69E-06	2.25E-09	1.86E-05	1.07E-08	9.75E-06	7.91E-09
558305.174160502.59	558305	4160503	7.49E-06	2.35E-09	2.08E-05	1.11E-08	1.09E-05	8.26E-09
558305.174160512.59	558305	4160513	8.47E-06	2.46E-09	2.35E-05	1.17E-08	1.23E-05	8.65E-09
558305.174160522.59	558305	4160523	9.65E-06	2.58E-09	2.68E-05	1.22E-08	1.41E-05	9.07E-09
558305.174160532.59	558305	4160533	1.10E-05	2.70E-09	3.07E-05	1.28E-08	1.61E-05	9.51E-09
558315.174160362.59	558315	4160363	2.25E-06	1.49E-09	6.26E-06	7.08E-09	3.29E-06	5.25E-09
558315.174160372.59	558315	4160373	2.40E-06	1.54E-09	6.67E-06	7.30E-09	3.50E-06	5.41E-09
558315.174160382.59	558315	4160383	2.56E-06	1.58E-09	7.12E-06	7.52E-09	3.73E-06	5.58E-09
558315.174160392.59	558315	4160393	2.74E-06	1.63E-09	7.61E-06	7.76E-09	3.99E-06	5.76E-09
558315.174160402.59	558315	4160403	2.94E-06	1.69E-09	8.17E-06	8.01E-09	4.28E-06	5.95E-09
558315.174160412.59	558315	4160413	3.16E-06	1.75E-09	8.78E-06	8.28E-09	4.61E-06	6.14E-09
558315.174160422.59	558315	4160423	3.41E-06	1.81E-09	9.48E-06	8.58E-09	4.97E-06	6.37E-09
558315.174160432.59	558315	4160433	3.69E-06	1.88E-09	1.03E-05	8.91E-09	5.38E-06	6.61E-09
558315.174160442.59	558315	4160443	4.01E-06	1.95E-09	1.11E-05	9.24E-09	5.85E-06	6.86E-09
558315.174160452.59	558315	4160453	4.38E-06	2.02E-09	1.22E-05	9.60E-09	6.38E-06	7.13E-09
558315.174160462.59	558315	4160463	4.80E-06	2.11E-09	1.33E-05	9.99E-09	7.00E-06	7.41E-09
558315.174160472.59	558315	4160473	5.29E-06	2.19E-09	1.47E-05	1.04E-08	7.71E-06	7.72E-09
558315.174160482.59	558315	4160483	5.86E-06	2.29E-09	1.63E-05	1.09E-08	8.54E-06	8.06E-09
558315.174160492.59	558315	4160493	6.53E-06	2.40E-09	1.82E-05	1.14E-08	9.53E-06	8.43E-09
558315.174160502.59	558315	4160503	7.34E-06	2.51E-09	2.04E-05	1.19E-08	1.07E-05	8.85E-09
558315.174160512.59	558315	4160513	8.31E-06	2.64E-09	2.31E-05	1.25E-08	1.21E-05	9.30E-09
558315.174160522.59	558315	4160523	9.48E-06	2.79E-09	2.63E-05	1.32E-08	1.38E-05	9.81E-09
558315.174160532.59	558315	4160533	1.09E-05	2.94E-09	3.02E-05	1.39E-08	1.58E-05	1.03E-08
558325.174160362.59	558325	4160363	2.18E-06	1.55E-09	6.05E-06	7.36E-09	3.17E-06	5.46E-09
558325.174160372.59	558325	4160373	2.32E-06	1.60E-09	6.44E-06	7.59E-09	3.38E-06	5.64E-09
558325.174160382.59	558325	4160383	2.47E-06	1.65E-09	6.87E-06	7.83E-09	3.61E-06	5.81E-09
558325.174160392.59	558325	4160393	2.65E-06	1.71E-09	7.35E-06	8.09E-09	3.86E-06	6.01E-09
558325.174160402.59	558325	4160403	2.84E-06	1.76E-09	7.88E-06	8.37E-09	4.14E-06	6.21E-09
558325.174160412.59	558325	4160413	3.05E-06	1.83E-09	8.48E-06	8.67E-09	4.45E-06	6.43E-09
558325.174160422.59	558325	4160423	3.30E-06	1.89E-09	9.16E-06	8.98E-09	4.81E-06	6.67E-09
558325.174160432.59	558325	4160433	3.57E-06	1.97E-09	9.92E-06	9.33E-09	5.21E-06	6.92E-09
558325.174160442.59	558325	4160443	3.88E-06	2.04E-09	1.08E-05	9.70E-09	5.66E-06	7.20E-09
558325.174160452.59	558325	4160453	4.24E-06	2.13E-09	1.18E-05	1.01E-08	6.19E-06	7.49E-09
558325.174160462.59	558325	4160463	4.66E-06	2.22E-09	1.29E-05	1.05E-08	6.79E-06	7.81E-09
558325.174160472.59	558325	4160473	5.14E-06	2.32E-09	1.43E-05	1.10E-08	7.50E-06	8.15E-09
558325.174160482.59	558325	4160483	5.71E-06	2.42E-09	1.59E-05	1.15E-08	8.33E-06	8.54E-09
558325.174160492.59	558325	4160493	6.38E-06	2.55E-09	1.77E-05	1.21E-08	9.31E-06	8.96E-09
558325.174160502.59	558325	4160503	7.19E-06	2.68E-09	2.00E-05	1.27E-08	1.05E-05	9.44E-09
558325.174160512.59	558325	4160513	8.15E-06	2.83E-09	2.26E-05	1.34E-08	1.19E-05	9.98E-09
558325.174160522.59	558325	4160523	9.30E-06	3.00E-09	2.58E-05	1.43E-08	1.36E-05	1.06E-08
558325.174160532.59	558325	4160533	1.06E-05	3.19E-09	2.96E-05	1.51E-08	1.55E-05	1.12E-08
558335.174160362.59	558335	4160363	2.10E-06	1.61E-09	5.84E-06	7.65E-09	3.07E-06	5.68E-09
558335.174160372.59	558335	4160373	2.24E-06	1.67E-09	6.22E-06	7.91E-09	3.26E-06	5.87E-09
558335.174160382.59	558335	4160383	2.39E-06	1.72E-09	6.63E-06	8.16E-09	3.48E-06	6.06E-09
558335.174160392.59	558335	4160393	2.55E-06	1.78E-09	7.10E-06	8.44E-09	3.73E-06	6.26E-09
558335.174160402.59	558335	4160403	2.74E-06	1.84E-09	7.62E-06	8.74E-09	4.00E-06	6.48E-09
558335.174160412.59	558335	4160413	2.95E-06	1.91E-09	8.20E-06	9.05E-09	4.30E-06	6.72E-09
558335.174160422.59	558335	4160423	3.19E-06	1.98E-09	8.86E-06	9.39E-09	4.65E-06	6.97E-09
558335.174160432.59	558335	4160433	3.46E-06	2.05E-09	9.60E-06	9.74E-09	5.04E-06	7.23E-09
558335.174160442.59	558335	4160443	3.76E-06	2.14E-09	1.05E-05	1.01E-08	5.49E-06	7.53E-09
558335.174160452.59	558335	4160453	4.11E-06	2.23E-09	1.14E-05	1.06E-08	6.00E-06	7.86E-09
558335.174160462.59	558335	4160463	4.52E-06	2.33E-09	1.26E-05	1.11E-08	6.59E-06	8.20E-09
558335.174160472.59	558335	4160473	5.00E-06	2.44E-09	1.39E-05	1.16E-08	7.29E-06	8.58E-09
558335.174160482.59	558335	4160483	5.57E-06	2.56E-09	1.55E-05	1.21E-08	8.11E-06	9.01E-09
558335.174160492.59	558335	4160493	6.23E-06	2.69E-09	1.73E-05	1.28E-08	9.09E-06	9.49E-09
558335.174160502.59	558335	4160503	7.03E-06	2.85E-09	1.95E-05	1.35E-08	1.03E-05	1.00E-08
558335.174160512.59	558335	4160513	7.98E-06	3.02E-09	2.22E-05	1.43E-08	1.16E-05	1.06E-08
558335.174160522.59	558335	4160523	9.10E-06	3.22E-09	2.53E-05	1.53E-08	1.33E-05	1.13E-08
558335.174160532.59	558335	4160533	1.04E-05	3.44E-09	2.89E-05	1.63E-08	1.52E-05	1.21E-08
558345.174160362.59	558345	4160363	2.03E-06	1.68E-09	5.64E-06	7.95E-09	2.96E-06	5.90E-09
558345.174160372.59	558345	4160373	2.16E-06	1.73E-09	6.01E-06	8.22E-09	3.15E-06	6.10E-09
558345.174160382.59	558345	4160383	2.31E-06	1.79E-09	6.41E-06	8.51E-09	3.36E-06	6.32E-09
558345.174160392.59	558345	4160393	2.47E-06	1.85E-09	6.86E-06	8.80E-09	3.60E-06	6.53E-09

RESIDENTIAL CONCENTRATIONS & DOSE

			AA	AF	AI	AN	AQ	AT
			3rd Tri Dose (mg/kg-day)		0<2 Dose (mg/kg-day)		2<16 Dose (mg/kg-day)	
XY	X	Y	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558345.174160402.59	558345	4160403	2.65E-06	1.92E-09	7.36E-06	9.11E-09	3.86E-06	6.76E-09
558345.174160412.59	558345	4160413	2.85E-06	1.99E-09	7.93E-06	9.44E-09	4.16E-06	7.01E-09
558345.174160422.59	558345	4160423	3.08E-06	2.07E-09	8.57E-06	9.81E-09	4.50E-06	7.28E-09
558345.174160432.59	558345	4160433	3.35E-06	2.15E-09	9.30E-06	1.02E-08	4.88E-06	7.56E-09
558345.174160442.59	558345	4160443	3.65E-06	2.23E-09	1.01E-05	1.06E-08	5.32E-06	7.85E-09
558345.174160452.59	558345	4160453	4.00E-06	2.33E-09	1.11E-05	1.11E-08	5.83E-06	8.20E-09
558345.174160462.59	558345	4160463	4.40E-06	2.44E-09	1.22E-05	1.16E-08	6.41E-06	8.59E-09
558345.174160472.59	558345	4160473	4.86E-06	2.56E-09	1.35E-05	1.21E-08	7.09E-06	9.00E-09
558345.174160482.59	558345	4160483	5.42E-06	2.69E-09	1.51E-05	1.28E-08	7.90E-06	9.46E-09
558345.174160492.59	558345	4160493	6.08E-06	2.84E-09	1.69E-05	1.35E-08	8.86E-06	9.99E-09
558345.174160502.59	558345	4160503	6.86E-06	3.01E-09	1.91E-05	1.43E-08	1.00E-05	1.06E-08
558345.174160512.59	558345	4160513	7.79E-06	3.21E-09	2.16E-05	1.52E-08	1.14E-05	1.13E-08
558345.174160522.59	558345	4160523	8.87E-06	3.43E-09	2.47E-05	1.63E-08	1.29E-05	1.21E-08
558345.174160532.59	558345	4160533	1.01E-05	3.68E-09	2.82E-05	1.75E-08	1.48E-05	1.30E-08
558355.174160362.59	558355	4160363	1.97E-06	1.74E-09	5.46E-06	8.27E-09	2.87E-06	6.13E-09
558355.174160372.59	558355	4160373	2.09E-06	1.80E-09	5.81E-06	8.55E-09	3.05E-06	6.34E-09
558355.174160382.59	558355	4160383	2.23E-06	1.87E-09	6.20E-06	8.85E-09	3.26E-06	6.57E-09
558355.174160392.59	558355	4160393	2.39E-06	1.93E-09	6.64E-06	9.18E-09	3.48E-06	6.81E-09
558355.174160402.59	558355	4160403	2.57E-06	2.00E-09	7.13E-06	9.50E-09	3.74E-06	7.05E-09
558355.174160412.59	558355	4160413	2.76E-06	2.08E-09	7.68E-06	9.85E-09	4.03E-06	7.31E-09
558355.174160422.59	558355	4160423	2.99E-06	2.16E-09	8.31E-06	1.02E-08	4.36E-06	7.60E-09
558355.174160432.59	558355	4160433	3.25E-06	2.24E-09	9.02E-06	1.06E-08	4.73E-06	7.89E-09
558355.174160442.59	558355	4160443	3.54E-06	2.33E-09	9.85E-06	1.11E-08	5.17E-06	8.21E-09
558355.174160452.59	558355	4160453	3.89E-06	2.44E-09	1.08E-05	1.16E-08	5.67E-06	8.58E-09
558355.174160462.59	558355	4160463	4.28E-06	2.55E-09	1.19E-05	1.21E-08	6.24E-06	8.99E-09
558355.174160472.59	558355	4160473	4.74E-06	2.68E-09	1.32E-05	1.27E-08	6.91E-06	9.43E-09
558355.174160482.59	558355	4160483	5.28E-06	2.82E-09	1.47E-05	1.34E-08	7.70E-06	9.91E-09
558355.174160492.59	558355	4160493	5.92E-06	2.97E-09	1.65E-05	1.41E-08	8.63E-06	1.05E-08
558355.174160502.59	558355	4160503	6.68E-06	3.16E-09	1.86E-05	1.50E-08	9.74E-06	1.11E-08
558355.174160512.59	558355	4160513	7.57E-06	3.37E-09	2.10E-05	1.60E-08	1.10E-05	1.19E-08
558355.174160522.59	558355	4160523	8.61E-06	3.62E-09	2.39E-05	1.72E-08	1.26E-05	1.27E-08
558355.174160532.59	558355	4160533	9.83E-06	3.91E-09	2.73E-05	1.86E-08	1.43E-05	1.38E-08
558365.174160362.59	558365	4160363	1.90E-06	1.81E-09	5.29E-06	8.61E-09	2.78E-06	6.39E-09
558365.174160372.59	558365	4160373	2.03E-06	1.88E-09	5.63E-06	8.91E-09	2.96E-06	6.61E-09
558365.174160382.59	558365	4160383	2.16E-06	1.94E-09	6.01E-06	9.22E-09	3.16E-06	6.84E-09
558365.174160392.59	558365	4160393	2.32E-06	2.01E-09	6.44E-06	9.56E-09	3.38E-06	7.09E-09
558365.174160402.59	558365	4160403	2.49E-06	2.09E-09	6.92E-06	9.90E-09	3.63E-06	7.35E-09
558365.174160412.59	558365	4160413	2.68E-06	2.17E-09	7.45E-06	1.03E-08	3.91E-06	7.63E-09
558365.174160422.59	558365	4160423	2.90E-06	2.25E-09	8.07E-06	1.07E-08	4.23E-06	7.92E-09
558365.174160432.59	558365	4160433	3.16E-06	2.34E-09	8.77E-06	1.11E-08	4.60E-06	8.23E-09
558365.174160442.59	558365	4160443	3.45E-06	2.43E-09	9.58E-06	1.16E-08	5.03E-06	8.57E-09
558365.174160452.59	558365	4160453	3.78E-06	2.55E-09	1.05E-05	1.21E-08	5.52E-06	8.96E-09
558365.174160462.59	558365	4160463	4.17E-06	2.67E-09	1.16E-05	1.27E-08	6.08E-06	9.39E-09
558365.174160472.59	558365	4160473	4.63E-06	2.80E-09	1.29E-05	1.33E-08	6.75E-06	9.86E-09
558365.174160482.59	558365	4160483	5.15E-06	2.95E-09	1.43E-05	1.40E-08	7.51E-06	1.04E-08
558365.174160492.59	558365	4160493	5.78E-06	3.12E-09	1.60E-05	1.48E-08	8.42E-06	1.10E-08
558365.174160502.59	558365	4160503	6.51E-06	3.31E-09	1.81E-05	1.57E-08	9.49E-06	1.17E-08
558365.174160512.59	558365	4160513	7.36E-06	3.54E-09	2.04E-05	1.68E-08	1.07E-05	1.25E-08
558365.174160522.59	558365	4160523	8.35E-06	3.80E-09	2.32E-05	1.80E-08	1.22E-05	1.34E-08
558365.174160532.59	558365	4160533	9.50E-06	4.12E-09	2.64E-05	1.96E-08	1.39E-05	1.45E-08
558375.174160362.59	558375	4160363	1.85E-06	1.89E-09	5.14E-06	8.97E-09	2.70E-06	6.66E-09
558375.174160372.59	558375	4160373	1.97E-06	1.96E-09	5.47E-06	9.30E-09	2.87E-06	6.90E-09
558375.174160382.59	558375	4160383	2.10E-06	2.03E-09	5.84E-06	9.63E-09	3.06E-06	7.15E-09
558375.174160392.59	558375	4160393	2.25E-06	2.10E-09	6.26E-06	9.95E-09	3.28E-06	7.38E-09
558375.174160402.59	558375	4160403	2.42E-06	2.18E-09	6.72E-06	1.03E-08	3.53E-06	7.67E-09
558375.174160412.59	558375	4160413	2.61E-06	2.26E-09	7.25E-06	1.07E-08	3.81E-06	7.96E-09
558375.174160422.59	558375	4160423	2.83E-06	2.35E-09	7.86E-06	1.11E-08	4.12E-06	8.26E-09
558375.174160432.59	558375	4160433	3.08E-06	2.44E-09	8.55E-06	1.16E-08	4.49E-06	8.59E-09
558375.174160442.59	558375	4160443	3.36E-06	2.54E-09	9.34E-06	1.21E-08	4.90E-06	8.95E-09
558375.174160452.59	558375	4160453	3.69E-06	2.66E-09	1.03E-05	1.26E-08	5.38E-06	9.36E-09
558375.174160462.59	558375	4160463	4.07E-06	2.78E-09	1.13E-05	1.32E-08	5.94E-06	9.80E-09
558375.174160472.59	558375	4160473	4.52E-06	2.92E-09	1.26E-05	1.39E-08	6.59E-06	1.03E-08
558375.174160482.59	558375	4160483	5.04E-06	3.08E-09	1.40E-05	1.46E-08	7.34E-06	1.08E-08
558375.174160492.59	558375	4160493	5.64E-06	3.26E-09	1.57E-05	1.55E-08	8.22E-06	1.15E-08
558375.174160502.59	558375	4160503	6.34E-06	3.46E-09	1.76E-05	1.64E-08	9.25E-06	1.22E-08
558375.174160512.59	558375	4160513	7.15E-06	3.70E-09	1.99E-05	1.76E-08	1.04E-05	1.30E-08
558375.174160522.59	558375	4160523	8.09E-06	3.99E-09	2.25E-05	1.89E-08	1.18E-05	1.40E-08
558375.174160532.59	558375	4160533	9.18E-06	4.33E-09	2.55E-05	2.06E-08	1.34E-05	1.53E-08
558385.174160362.59	558385	4160363	1.80E-06	1.97E-09	5.00E-06	9.36E-09	2.62E-06	6.95E-09
558385.174160372.59	558385	4160373	1.92E-06	2.05E-09	5.32E-06	9.72E-09	2.79E-06	7.21E-09
558385.174160382.59	558385	4160383	2.05E-06	2.12E-09	5.69E-06	1.01E-08	2.98E-06	7.47E-09
558385.174160392.59	558385	4160393	2.19E-06	2.19E-09	6.10E-06	1.04E-08	3.20E-06	7.70E-09
558385.174160402.59	558385	4160403	2.36E-06	2.27E-09	6.56E-06	1.08E-08	3.44E-06	7.99E-09
558385.174160412.59	558385	4160413	2.55E-06	2.36E-09	7.08E-06	1.12E-08	3.72E-06	8.29E-09
558385.174160422.59	558385	4160423	2.76E-06	2.45E-09	7.68E-06	1.16E-08	4.03E-06	8.62E-09
558385.174160432.59	558385	4160433	3.01E-06	2.55E-09	8.36E-06	1.21E-08	4.39E-06	8.96E-09
558385.174160442.59	558385	4160443	3.29E-06	2.66E-09	9.14E-06	1.26E-08	4.80E-06	9.35E-09
558385.174160452.59	558385	4160453	3.61E-06	2.77E-09	1.00E-05	1.32E-08	5.27E-06	9.77E-09
558385.174160462.59	558385	4160463	3.99E-06	2.90E-09	1.11E-05	1.38E-08	5.81E-06	1.02E-08
558385.174160472.59	558385	4160473	4.42E-06	3.05E-09	1.23E-05	1.45E-08	6.45E-06	1.07E-08
558385.174160482.59	558385	4160483	4.93E-06	3.21E-09	1.37E-05	1.52E-08	7.19E-06	1.13E-08
558385.174160492.59	558385	4160493	5.51E-06	3.40E-09	1.53E-05	1.61E-08	8.04E-06	1.20E-08
558385.174160502.59	558385	4160503	6.19E-06	3.62E-09	1.72E-05	1.72E-08	9.02E-06	1.27E-08
558385.174160512.59	558385	4160513	6.96E-06	3.87E-09	1.93E-05	1.84E-08	1.01E-05	1.36E-08
558385.174160522.59	558385	4160523	7.84E-06	4.17E-09	2.18E-05	1.98E-08	1.14E-05	1.47E-08
558385.174160532.59	558385	4160533	8.86E-06	4.54E-09	2.46E-05	2.15E-08	1.29E-05	1.60E-08
558395.174160362.59	558395	4160363	1.75E-06	2.06E-09	4.88E-06	9.76E-09	2.56E-06	7.24E-09
558395.174160372.59	558395	4160373	1.87E-06	2.13E-09	5.20E-06	1.01E-08	2.73E-06	7.50E-09
558395.174160382.59	558395	4160383	2.00E-06	2.20E-09	5.56E-06	1.05E-08	2.92E-06	7.76E-09
558395.174160392.59	558395	4160393	2.15E-06	2.28E-09	5.96E-06	1.08E-08	3.13E-06	8.04E-09
558395.174160402.59	558395	4160403	2.31E-06	2.37E-09	6.42E-06	1.12E-08	3.37E-06	8.33E-09
558395.174160412.59	558395	4160413	2.50E-06	2.46E-09	6.93E-06	1.16E-08	3.64E-06	8.64E-09
558395.174160422.59	558395	4160423	2.71E-06	2.55E-09	7.52E-06	1.21E-08	3.95E-06	8.98E-09
558395.174160432.59	558395	4160433	2.95E-06	2.66E-09	8.20E-06	1.26E-08	4.30E-06	9.35E-09
558395.174160442.59	558395	4160443	3.23E-06	2.77E-09	8.97E-06	1.31E-08	4.71E-06	9.75E-09
558395.174160452.59	558395	4160453	3.55E-06	2.90E-09	9.86E-06	1.37E-08	5.17E-06	1.02E-08
558395.174160462.59	558395	4160463	3.92E-06	3.03E-09	1.09E-05	1.44E-08	5.71E-06	1.07E-08
558395.174160472.59	558395	4160473	4.34E-06	3.18E-09	1.21E-05	1.51E-08	6.33E-06	1.12E-08
558395.174160482.59	558395	4160483	4.83E-06	3.35E-09	1.34E-05	1.59E-08	7.05E-06	1.18E-08
558395.174160492.59	558395	4160493	5.40E-06	3.55E-09	1.50E-05	1.68E-08	7.87E-06	1.25E-08
558395.174160502.59	558395	4160503	6.05E-06	3.78E-09	1.68E-05	1.79E-08	8.82E-06	1.33E-08
558395.174160512.59	558395	4160513	6.78E-06	4.04E-09	1.88E-05	1.92E-08	9.88E-06	1.42E-08
557513.484160678.78	557513	4160679	5.27E-07	1.56E-10	1.46E-06	7.38E-10	7.68E-07	5.48E-10

RESIDENTIAL CONCENTRATIONS & DOSE

			AA	AF	AI	AN	AQ	AT
			3rd Tri Dose (mg/kg-day)		0<2 Dose (mg/kg-day)		2<16 Dose (mg/kg-day)	
XY	X	Y	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
557513.484160688.78	557513	4160689	5.25E-07	1.56E-10	1.46E-06	7.38E-10	7.66E-07	5.48E-10
557513.484160698.78	557513	4160699	5.24E-07	1.56E-10	1.46E-06	7.39E-10	7.64E-07	5.48E-10
557513.484160708.78	557513	4160709	5.23E-07	1.56E-10	1.45E-06	7.39E-10	7.62E-07	5.49E-10
557513.484160718.78	557513	4160719	5.22E-07	1.56E-10	1.45E-06	7.40E-10	7.61E-07	5.49E-10
557513.484160728.78	557513	4160729	5.22E-07	1.56E-10	1.45E-06	7.41E-10	7.61E-07	5.50E-10
557523.484160678.78	557523	4160679	5.41E-07	1.58E-10	1.50E-06	7.49E-10	7.89E-07	5.56E-10
557523.484160688.78	557523	4160689	5.39E-07	1.58E-10	1.50E-06	7.50E-10	7.86E-07	5.56E-10
557523.484160698.78	557523	4160699	5.38E-07	1.58E-10	1.49E-06	7.50E-10	7.84E-07	5.57E-10
557523.484160708.78	557523	4160709	5.36E-07	1.58E-10	1.49E-06	7.51E-10	7.82E-07	5.57E-10
557523.484160718.78	557523	4160719	5.36E-07	1.58E-10	1.49E-06	7.51E-10	7.82E-07	5.58E-10
557523.484160728.78	557523	4160729	5.36E-07	1.59E-10	1.49E-06	7.52E-10	7.81E-07	5.58E-10
557533.484160678.78	557533	4160679	5.56E-07	1.60E-10	1.55E-06	7.61E-10	8.11E-07	5.65E-10
557533.484160688.78	557533	4160689	5.55E-07	1.61E-10	1.54E-06	7.62E-10	8.09E-07	5.65E-10
557533.484160698.78	557533	4160699	5.53E-07	1.61E-10	1.54E-06	7.62E-10	8.07E-07	5.66E-10
557533.484160708.78	557533	4160709	5.52E-07	1.61E-10	1.53E-06	7.63E-10	8.05E-07	5.66E-10
557533.484160718.78	557533	4160719	5.51E-07	1.61E-10	1.53E-06	7.64E-10	8.04E-07	5.67E-10
557533.484160728.78	557533	4160729	5.51E-07	1.61E-10	1.53E-06	7.64E-10	8.04E-07	5.67E-10
557543.484160678.78	557543	4160679	5.72E-07	1.63E-10	1.59E-06	7.74E-10	8.34E-07	5.74E-10
557543.484160688.78	557543	4160689	5.70E-07	1.63E-10	1.59E-06	7.74E-10	8.32E-07	5.74E-10
557543.484160698.78	557543	4160699	5.69E-07	1.63E-10	1.58E-06	7.74E-10	8.29E-07	5.75E-10
557543.484160708.78	557543	4160709	5.68E-07	1.63E-10	1.58E-06	7.75E-10	8.28E-07	5.75E-10
557543.484160718.78	557543	4160719	5.67E-07	1.64E-10	1.58E-06	7.76E-10	8.27E-07	5.76E-10
557543.484160728.78	557543	4160729	5.67E-07	1.64E-10	1.58E-06	7.77E-10	8.27E-07	5.76E-10
557553.484160678.78	557553	4160679	5.91E-07	1.66E-10	1.64E-06	7.88E-10	8.62E-07	5.84E-10
557553.484160688.78	557553	4160689	5.89E-07	1.66E-10	1.64E-06	7.88E-10	8.59E-07	5.85E-10
557553.484160698.78	557553	4160699	5.88E-07	1.66E-10	1.63E-06	7.88E-10	8.57E-07	5.85E-10
557553.484160708.78	557553	4160709	5.87E-07	1.66E-10	1.63E-06	7.89E-10	8.56E-07	5.86E-10
557553.484160718.78	557553	4160719	5.85E-07	1.66E-10	1.63E-06	7.90E-10	8.54E-07	5.86E-10
557553.484160728.78	557553	4160729	5.85E-07	1.67E-10	1.63E-06	7.90E-10	8.53E-07	5.86E-10
557563.484160678.78	557563	4160679	6.11E-07	1.69E-10	1.70E-06	8.02E-10	8.91E-07	5.95E-10
557563.484160688.78	557563	4160689	6.08E-07	1.69E-10	1.69E-06	8.02E-10	8.87E-07	5.95E-10
557563.484160698.78	557563	4160699	6.06E-07	1.69E-10	1.68E-06	8.02E-10	8.84E-07	5.95E-10
557563.484160708.78	557563	4160709	6.05E-07	1.69E-10	1.68E-06	8.02E-10	8.82E-07	5.95E-10
557563.484160718.78	557563	4160719	6.03E-07	1.69E-10	1.68E-06	8.03E-10	8.80E-07	5.96E-10
557563.484160728.78	557563	4160729	6.03E-07	1.69E-10	1.68E-06	8.04E-10	8.80E-07	5.96E-10
557573.484160678.78	557573	4160679	6.28E-07	1.72E-10	1.75E-06	8.15E-10	9.16E-07	6.05E-10
557573.484160688.78	557573	4160689	6.27E-07	1.72E-10	1.74E-06	8.15E-10	9.14E-07	6.05E-10
557573.484160698.78	557573	4160699	6.25E-07	1.72E-10	1.74E-06	8.16E-10	9.11E-07	6.05E-10
557573.484160708.78	557573	4160709	6.24E-07	1.72E-10	1.73E-06	8.16E-10	9.09E-07	6.06E-10
557573.484160718.78	557573	4160719	6.22E-07	1.72E-10	1.73E-06	8.17E-10	9.07E-07	6.06E-10
557573.484160728.78	557573	4160729	6.22E-07	1.72E-10	1.73E-06	8.17E-10	9.07E-07	6.07E-10
557583.484160678.78	557583	4160679	6.47E-07	1.75E-10	1.80E-06	8.28E-10	9.44E-07	6.15E-10
557583.484160688.78	557583	4160689	6.45E-07	1.75E-10	1.79E-06	8.29E-10	9.41E-07	6.15E-10
557583.484160698.78	557583	4160699	6.44E-07	1.75E-10	1.79E-06	8.29E-10	9.39E-07	6.15E-10
557583.484160708.78	557583	4160709	6.44E-07	1.75E-10	1.79E-06	8.30E-10	9.39E-07	6.16E-10
557583.484160718.78	557583	4160719	6.42E-07	1.75E-10	1.78E-06	8.31E-10	9.36E-07	6.16E-10
557583.484160728.78	557583	4160729	6.41E-07	1.75E-10	1.78E-06	8.31E-10	9.35E-07	6.17E-10
557593.484160678.78	557593	4160679	6.68E-07	1.78E-10	1.86E-06	8.43E-10	9.74E-07	6.25E-10
557593.484160688.78	557593	4160689	6.67E-07	1.78E-10	1.85E-06	8.43E-10	9.72E-07	6.26E-10
557593.484160698.78	557593	4160699	6.65E-07	1.78E-10	1.85E-06	8.44E-10	9.70E-07	6.26E-10
557593.484160708.78	557593	4160709	6.64E-07	1.78E-10	1.84E-06	8.44E-10	9.68E-07	6.27E-10
557593.484160718.78	557593	4160719	6.63E-07	1.78E-10	1.84E-06	8.45E-10	9.66E-07	6.27E-10
557593.484160728.78	557593	4160729	6.62E-07	1.78E-10	1.84E-06	8.46E-10	9.65E-07	6.28E-10
557603.484160678.78	557603	4160679	6.90E-07	1.81E-10	1.92E-06	8.58E-10	1.01E-06	6.37E-10
557603.484160688.78	557603	4160689	6.89E-07	1.81E-10	1.91E-06	8.59E-10	1.00E-06	6.37E-10
557603.484160698.78	557603	4160699	6.87E-07	1.81E-10	1.91E-06	8.59E-10	1.00E-06	6.37E-10
557603.484160708.78	557603	4160709	6.86E-07	1.81E-10	1.90E-06	8.59E-10	1.00E-06	6.38E-10
557603.484160718.78	557603	4160719	6.85E-07	1.81E-10	1.90E-06	8.60E-10	9.99E-07	6.38E-10
557613.484160678.78	557613	4160679	7.16E-07	1.84E-10	1.99E-06	8.74E-10	1.04E-06	6.49E-10
557613.484160688.78	557613	4160689	7.13E-07	1.84E-10	1.98E-06	8.75E-10	1.04E-06	6.49E-10
557613.484160698.78	557613	4160699	7.11E-07	1.84E-10	1.97E-06	8.75E-10	1.04E-06	6.49E-10
557613.484160708.78	557613	4160709	7.10E-07	1.84E-10	1.97E-06	8.75E-10	1.03E-06	6.49E-10
557623.484160688.78	557623	4160689	7.38E-07	1.88E-10	2.05E-06	8.90E-10	1.08E-06	6.61E-10
557623.484160698.78	557623	4160699	7.35E-07	1.88E-10	2.04E-06	8.90E-10	1.07E-06	6.61E-10
557623.484160708.78	557623	4160709	7.35E-07	1.88E-10	2.04E-06	8.91E-10	1.07E-06	6.61E-10
558477.664160568.94	558478	4160569	9.52E-06	1.05E-08	2.65E-05	4.99E-08	1.39E-05	3.70E-08
558477.664160578.94	558478	4160579	1.05E-05	1.22E-08	2.90E-05	5.77E-08	1.52E-05	4.28E-08
558477.664160588.94	558478	4160589	1.15E-05	1.44E-08	3.19E-05	6.82E-08	1.67E-05	5.06E-08
558477.664160598.94	558478	4160599	1.26E-05	1.75E-08	3.49E-05	8.28E-08	1.83E-05	6.15E-08
558487.664160568.94	558488	4160569	9.06E-06	1.09E-08	2.52E-05	5.19E-08	1.32E-05	3.85E-08
558487.664160578.94	558488	4160579	9.88E-06	1.25E-08	2.74E-05	5.91E-08	1.44E-05	4.39E-08
558487.664160588.94	558488	4160589	1.07E-05	1.44E-08	2.99E-05	6.84E-08	1.57E-05	5.08E-08
558487.664160598.94	558488	4160599	1.17E-05	1.72E-08	3.24E-05	8.14E-08	1.70E-05	6.04E-08
558497.664160568.94	558498	4160569	8.75E-06	1.16E-08	2.43E-05	5.49E-08	1.28E-05	4.08E-08
558497.664160578.94	558498	4160579	9.48E-06	1.30E-08	2.63E-05	6.19E-08	1.38E-05	4.59E-08
558497.664160588.94	558498	4160589	1.03E-05	1.50E-08	2.85E-05	7.12E-08	1.50E-05	5.28E-08
558497.664160598.94	558498	4160599	1.11E-05	1.77E-08	3.07E-05	8.40E-08	1.61E-05	6.23E-08
558507.664160568.94	558508	4160569	8.50E-06	1.26E-08	2.36E-05	6.00E-08	1.24E-05	4.45E-08
558507.664160578.94	558508	4160579	9.15E-06	1.41E-08	2.54E-05	6.68E-08	1.33E-05	4.95E-08
558507.664160588.94	558508	4160589	9.86E-06	1.62E-08	2.74E-05	7.69E-08	1.44E-05	5.71E-08
558507.664160598.94	558508	4160599	1.06E-05	1.91E-08	2.94E-05	9.08E-08	1.54E-05	6.74E-08
558517.664160568.94	558518	4160569	8.22E-06	1.39E-08	2.28E-05	6.58E-08	1.20E-05	4.89E-08
558517.664160578.94	558518	4160579	8.81E-06	1.54E-08	2.45E-05	7.32E-08	1.28E-05	5.43E-08
558517.664160588.94	558518	4160589	9.43E-06	1.76E-08	2.62E-05	8.35E-08	1.37E-05	6.20E-08
558517.664160598.94	558518	4160599	1.01E-05	2.09E-08	2.79E-05	9.90E-08	1.47E-05	7.35E-08
558527.664160568.94	558528	4160569	7.92E-06	1.54E-08	2.20E-05	7.31E-08	1.16E-05	5.43E-08
558527.664160578.94	558528	4160579	8.46E-06	1.72E-08	2.35E-05	8.14E-08	1.23E-05	6.04E-08
558527.664160588.94	558528	4160589	9.00E-06	1.96E-08	2.50E-05	9.28E-08	1.31E-05	6.89E-08
558527.664160598.94	558528	4160599	9.54E-06	1.81E-08	2.65E-05	8.60E-08	1.39E-05	6.38E-08
558537.664160568.94	558538	4160569	7.64E-06	1.76E-08	2.12E-05	8.35E-08	1.11E-05	6.19E-08
558537.664160578.94	558538	4160579	8.12E-06	1.96E-08	2.26E-05	9.28E-08	1.18E-05	6.89E-08
558537.664160588.94	558538	4160589	8.59E-06	1.65E-08	2.39E-05	7.82E-08	1.25E-05	5.81E-08
558537.664160598.94	558538	4160599	9.03E-06	1.84E-08	2.51E-05	8.73E-08	1.32E-05	6.47E-08
558547.664160568.94	558548	4160569	7.36E-06	2.07E-08	2.04E-05	9.80E-08	1.07E-05	7.27E-08
558547.664160578.94	558548	4160579	7.78E-06	1.63E-08	2.16E-05	7.73E-08	1.13E-05	5.74E-08
558547.664160588.94	558548	4160589	8.18E-06	1.22E-08	2.27E-05	5.81E-08	1.19E-05	4.31E-08
558557.664160568.94	558558	4160569	7.09E-06	1.16E-08	1.97E-05	5.51E-08	1.03E-05	4.09E-08
558600.644160569.24	558601	4160569	5.99E-06	1.50E-08	1.66E-05	7.11E-08	8.73E-06	5.27E-08
558600.644160579.24	558601	4160579	6.18E-06	1.53E-08	1.72E-05	7.26E-08	9.00E-06	5.38E-08
558600.644160589.24	558601	4160589	6.35E-06	1.84E-08	1.76E-05	8.72E-08	9.25E-06	6.47E-08
558600.644160599.24	558601	4160599	6.49E-06	1.67E-08	1.80E-05	7.91E-08	9.46E-06	5.87E-08
558610.644160569.24	558611	4160569	5.72E-06	1.80E-08	1.59E-05	8.55E-08	8.35E-06	6.35E-08
558610.644160579.24	558611	4160579	5.89E-06	1.67E-08	1.64E-05	7.90E-08	8.58E-06	5.87E-08

RESIDENTIAL CONCENTRATIONS & DOSE

			AA	AF	AI	AN	AQ	AT
			3rd Tri Dose (mg/kg-day)		0<2 Dose (mg/kg-day)		2<16 Dose (mg/kg-day)	
XY	X	Y	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558610.644160589.24	558611	4160589	6.03E-06	1.53E-08	1.67E-05	7.28E-08	8.79E-06	5.40E-08
558610.644160599.24	558611	4160599	6.14E-06	1.39E-08	1.71E-05	6.61E-08	8.96E-06	4.90E-08
558620.644160569.24	558621	4160569	5.48E-06	1.54E-08	1.52E-05	7.29E-08	7.98E-06	5.41E-08
558620.644160579.24	558621	4160579	5.61E-06	1.42E-08	1.56E-05	6.73E-08	8.18E-06	5.00E-08
558620.644160589.24	558621	4160589	5.73E-06	1.31E-08	1.59E-05	6.22E-08	8.36E-06	4.62E-08
558620.644160599.24	558621	4160599	5.83E-06	1.19E-08	1.62E-05	5.67E-08	8.50E-06	4.21E-08
558630.644160569.24	558631	4160569	5.24E-06	1.32E-08	1.45E-05	6.28E-08	7.63E-06	4.66E-08
558630.644160579.24	558631	4160579	5.35E-06	1.23E-08	1.49E-05	5.84E-08	7.81E-06	4.33E-08
558630.644160589.24	558631	4160589	5.45E-06	1.13E-08	1.51E-05	5.38E-08	7.94E-06	3.99E-08
558630.644160599.24	558631	4160599	5.52E-06	1.03E-08	1.53E-05	4.89E-08	8.05E-06	3.63E-08
558640.644160569.24	558641	4160569	5.00E-06	1.15E-08	1.39E-05	5.47E-08	7.30E-06	4.06E-08
558640.644160579.24	558641	4160579	5.10E-06	1.07E-08	1.42E-05	5.10E-08	7.44E-06	3.78E-08
558640.644160589.24	558641	4160589	5.17E-06	9.85E-09	1.44E-05	4.68E-08	7.55E-06	3.47E-08
558640.644160599.24	558641	4160599	5.23E-06	8.98E-09	1.45E-05	4.26E-08	7.62E-06	3.16E-08
558650.644160569.24	558651	4160569	4.78E-06	1.01E-08	1.33E-05	4.81E-08	6.97E-06	3.57E-08
558650.644160579.24	558651	4160579	4.86E-06	9.45E-09	1.35E-05	4.48E-08	7.08E-06	3.33E-08
558650.644160589.24	558651	4160589	4.92E-06	8.69E-09	1.37E-05	4.12E-08	7.17E-06	3.06E-08
558650.644160599.24	558651	4160599	4.96E-06	7.98E-09	1.38E-05	3.78E-08	7.23E-06	2.81E-08
558660.644160569.24	558661	4160569	4.57E-06	9.11E-09	1.27E-05	4.32E-08	6.66E-06	3.21E-08
558660.644160579.24	558661	4160579	4.64E-06	8.48E-09	1.29E-05	4.02E-08	6.76E-06	2.99E-08
558660.644160589.24	558661	4160589	4.68E-06	7.81E-09	1.30E-05	3.71E-08	6.82E-06	2.75E-08
558660.644160599.24	558661	4160599	4.71E-06	7.21E-09	1.31E-05	3.42E-08	6.87E-06	2.54E-08
558670.644160569.24	558671	4160569	4.37E-06	8.24E-09	1.21E-05	3.91E-08	6.37E-06	2.90E-08
558670.644160579.24	558671	4160579	4.42E-06	7.65E-09	1.23E-05	3.63E-08	6.45E-06	2.69E-08
558670.644160589.24	558671	4160589	4.46E-06	7.07E-09	1.24E-05	3.36E-08	6.50E-06	2.49E-08
558495.44160499.48	558495	4160499	4.96E-06	6.77E-09	1.38E-05	3.21E-08	7.23E-06	2.38E-08
558495.44160509.48	558495	4160509	5.40E-06	7.17E-09	1.50E-05	3.40E-08	7.88E-06	2.52E-08
558495.44160519.48	558495	4160519	5.89E-06	7.62E-09	1.64E-05	3.61E-08	8.58E-06	2.68E-08
558495.44160529.48	558495	4160529	6.42E-06	8.13E-09	1.78E-05	3.86E-08	9.36E-06	2.86E-08
558505.44160499.48	558505	4160499	4.89E-06	7.51E-09	1.36E-05	3.56E-08	7.14E-06	2.64E-08
558505.44160509.48	558505	4160509	5.33E-06	7.93E-09	1.48E-05	3.76E-08	7.77E-06	2.79E-08
558505.44160519.48	558505	4160519	5.79E-06	8.41E-09	1.61E-05	3.99E-08	8.44E-06	2.96E-08
558505.44160529.48	558505	4160529	6.29E-06	8.95E-09	1.75E-05	4.25E-08	9.18E-06	3.15E-08
558515.44160499.48	558515	4160499	4.83E-06	8.44E-09	1.34E-05	4.00E-08	7.05E-06	2.97E-08
558515.44160509.48	558515	4160509	5.25E-06	8.90E-09	1.46E-05	4.22E-08	7.65E-06	3.13E-08
558515.44160519.48	558515	4160519	5.69E-06	9.41E-09	1.58E-05	4.46E-08	8.30E-06	3.31E-08
558515.44160529.48	558515	4160529	6.17E-06	9.96E-09	1.71E-05	4.73E-08	8.99E-06	3.51E-08
558525.44160499.48	558525	4160499	4.78E-06	9.59E-09	1.33E-05	4.55E-08	6.96E-06	3.38E-08
558525.44160509.48	558525	4160509	5.17E-06	1.01E-08	1.44E-05	4.81E-08	7.54E-06	3.57E-08
558525.44160519.48	558525	4160519	5.60E-06	1.07E-08	1.56E-05	5.08E-08	8.16E-06	3.77E-08
558525.44160529.48	558525	4160529	6.05E-06	1.13E-08	1.68E-05	5.37E-08	8.82E-06	3.98E-08
558535.44160499.48	558535	4160499	4.71E-06	1.11E-08	1.31E-05	5.28E-08	6.87E-06	3.92E-08
558535.44160509.48	558535	4160509	5.09E-06	1.18E-08	1.42E-05	5.58E-08	7.43E-06	4.14E-08
558535.44160519.48	558535	4160519	5.50E-06	1.24E-08	1.53E-05	5.89E-08	8.02E-06	4.37E-08
558535.44160529.48	558535	4160529	5.93E-06	1.31E-08	1.65E-05	6.21E-08	8.65E-06	4.60E-08
558545.44160499.48	558545	4160499	4.65E-06	1.31E-08	1.29E-05	6.22E-08	6.79E-06	4.62E-08
558545.44160509.48	558545	4160509	5.02E-06	1.39E-08	1.39E-05	6.59E-08	7.31E-06	4.89E-08
558545.44160519.48	558545	4160519	5.40E-06	1.47E-08	1.50E-05	6.96E-08	7.87E-06	5.16E-08
558545.44160529.48	558545	4160529	5.81E-06	1.55E-08	1.61E-05	7.33E-08	8.47E-06	5.44E-08
558555.44160499.48	558555	4160499	4.59E-06	1.58E-08	1.27E-05	7.51E-08	6.69E-06	5.58E-08
558555.44160509.48	558555	4160509	4.93E-06	1.68E-08	1.37E-05	7.96E-08	7.19E-06	5.91E-08
558555.44160519.48	558555	4160519	5.30E-06	1.77E-08	1.47E-05	8.40E-08	7.73E-06	6.24E-08
558555.44160529.48	558555	4160529	5.68E-06	1.87E-08	1.58E-05	8.89E-08	8.28E-06	6.60E-08
558565.44160499.48	558565	4160499	4.52E-06	1.37E-08	1.26E-05	6.51E-08	6.59E-06	4.83E-08
558565.44160509.48	558565	4160509	4.85E-06	1.51E-08	1.35E-05	7.17E-08	7.07E-06	5.32E-08
558565.44160519.48	558565	4160519	5.19E-06	1.08E-08	1.44E-05	5.12E-08	7.57E-06	3.80E-08
558565.44160529.48	558565	4160529	5.54E-06	1.56E-08	1.54E-05	7.41E-08	8.08E-06	5.50E-08
558618.984160498.88	558619	4160499	4.08E-06	1.15E-08	1.13E-05	5.45E-08	5.95E-06	4.04E-08
558618.984160508.88	558619	4160509	4.31E-06	1.52E-08	1.20E-05	7.19E-08	6.28E-06	5.34E-08
558618.984160518.88	558619	4160519	4.53E-06	1.52E-08	1.26E-05	7.21E-08	6.61E-06	5.35E-08
558618.984160528.88	558619	4160529	4.76E-06	1.93E-08	1.32E-05	9.14E-08	6.93E-06	6.78E-08
558628.984160498.88	558629	4160499	4.00E-06	1.97E-08	1.11E-05	9.35E-08	5.83E-06	6.93E-08
558628.984160508.88	558629	4160509	4.20E-06	1.83E-08	1.17E-05	8.69E-08	6.13E-06	6.45E-08
558628.984160518.88	558629	4160519	4.41E-06	1.73E-08	1.23E-05	8.19E-08	6.43E-06	6.08E-08
558628.984160528.88	558629	4160529	4.61E-06	1.65E-08	1.28E-05	7.82E-08	6.72E-06	5.80E-08
558638.984160498.88	558639	4160499	3.90E-06	1.72E-08	1.08E-05	8.16E-08	5.69E-06	6.06E-08
558638.984160508.88	558639	4160509	4.10E-06	1.60E-08	1.14E-05	7.62E-08	5.97E-06	5.65E-08
558638.984160518.88	558639	4160519	4.28E-06	1.52E-08	1.19E-05	7.20E-08	6.24E-06	5.34E-08
558638.984160528.88	558639	4160529	4.46E-06	1.45E-08	1.24E-05	6.87E-08	6.51E-06	5.10E-08
558648.984160498.88	558649	4160499	3.81E-06	1.54E-08	1.06E-05	7.31E-08	5.56E-06	5.42E-08
558648.984160508.88	558649	4160509	3.99E-06	1.43E-08	1.11E-05	6.81E-08	5.81E-06	5.05E-08
558648.984160518.88	558649	4160519	4.16E-06	1.36E-08	1.15E-05	6.43E-08	6.06E-06	4.77E-08
558648.984160528.88	558649	4160529	4.32E-06	1.29E-08	1.20E-05	6.12E-08	6.29E-06	4.54E-08
558658.984160498.88	558659	4160499	3.72E-06	1.41E-08	1.03E-05	6.68E-08	5.42E-06	4.95E-08
558658.984160508.88	558659	4160509	3.88E-06	1.31E-08	1.08E-05	6.21E-08	5.65E-06	4.61E-08
558658.984160518.88	558659	4160519	4.03E-06	1.23E-08	1.12E-05	5.83E-08	5.88E-06	4.32E-08
558658.984160528.88	558659	4160529	4.17E-06	1.16E-08	1.16E-05	5.53E-08	6.08E-06	4.10E-08
558668.984160498.88	558669	4160499	3.62E-06	1.29E-08	1.01E-05	6.14E-08	5.28E-06	4.55E-08
558668.984160508.88	558669	4160509	3.77E-06	1.20E-08	1.05E-05	5.69E-08	5.49E-06	4.22E-08
558668.984160518.88	558669	4160519	3.90E-06	1.12E-08	1.08E-05	5.33E-08	5.69E-06	3.95E-08
558668.984160528.88	558669	4160529	4.03E-06	1.06E-08	1.12E-05	5.04E-08	5.88E-06	3.74E-08
558678.984160498.88	558679	4160499	3.53E-06	1.20E-08	9.80E-06	5.70E-08	5.14E-06	4.23E-08
558678.984160508.88	558679	4160509	3.66E-06	1.11E-08	1.02E-05	5.26E-08	5.33E-06	3.91E-08
558678.984160518.88	558679	4160519	3.78E-06	1.04E-08	1.05E-05	4.92E-08	5.51E-06	3.65E-08
558678.984160528.88	558679	4160529	3.89E-06	9.75E-09	1.08E-05	4.63E-08	5.68E-06	3.43E-08
558688.984160498.88	558689	4160499	3.43E-06	1.12E-08	9.53E-06	5.33E-08	5.00E-06	3.95E-08
558688.984160508.88	558689	4160509	3.55E-06	1.03E-08	9.86E-06	4.90E-08	5.17E-06	3.64E-08
558688.984160518.88	558689	4160519	3.66E-06	9.63E-09	1.02E-05	4.57E-08	5.33E-06	3.39E-08
558444.414160372.35	558444	4160372	1.73E-06	2.68E-09	4.80E-06	1.27E-08	2.52E-06	9.45E-09
558454.414160382.35	558454	4160382	1.82E-06	2.87E-09	5.05E-06	1.36E-08	2.65E-06	1.01E-08
558454.414160392.35	558454	4160392	1.96E-06	2.99E-09	5.45E-06	1.42E-08	2.86E-06	1.05E-08
558454.414160402.35	558454	4160402	2.12E-06	3.10E-09	5.89E-06	1.47E-08	3.09E-06	1.09E-08
558464.414160382.35	558464	4160382	1.81E-06	3.04E-09	5.02E-06	1.44E-08	2.64E-06	1.07E-08
558464.414160392.35	558464	4160392	1.95E-06	3.16E-09	5.42E-06	1.50E-08	2.85E-06	1.11E-08
558464.414160402.35	558464	4160402	2.12E-06	3.29E-09	5.88E-06	1.56E-08	3.09E-06	1.16E-08
558474.414160382.35	558474	4160382	1.80E-06	3.21E-09	5.01E-06	1.53E-08	2.63E-06	1.13E-08
558474.414160392.35	558474	4160392	1.94E-06	3.34E-09	5.40E-06	1.59E-08	2.84E-06	1.18E-08
558474.414160402.35	558474	4160402	2.11E-06	3.48E-09	5.85E-06	1.65E-08	3.07E-06	1.23E-08
558484.414160382.35	558484	4160382	1.80E-06	3.41E-09	5.00E-06	1.62E-08	2.62E-06	1.20E-08
558484.414160392.35	558484	4160392	1.94E-06	3.53E-09	5.38E-06	1.68E-08	2.82E-06	1.24E-08
558484.414160402.35	558484	4160402	2.09E-06	3.66E-09	5.80E-06	1.74E-08	3.04E-06	1.29E-08
558494.414160382.35	558494	4160382	1.80E-06	3.63E-09	5.00E-06	1.72E-08	2.62E-06	1.28E-08
558494.414160392.35	558494	4160392	1.93E-06	3.77E-09	5.38E-06	1.79E-08	2.82E-06	1.33E-08

RESIDENTIAL CONCENTRATIONS & DOSE

			AA	AF	AI	AN	AQ	AT
			3rd Tri Dose (mg/kg-day)		0<2 Dose (mg/kg-day)		2<16 Dose (mg/kg-day)	
XY	X	Y	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558494.414160402.35	558494	4160402	2.09E-06	3.92E-09	5.80E-06	1.86E-08	3.04E-06	1.38E-08
558504.414160382.35	558504	4160382	1.80E-06	3.88E-09	5.01E-06	1.84E-08	2.63E-06	1.37E-08
558504.414160392.35	558504	4160392	1.95E-06	4.09E-09	5.42E-06	1.94E-08	2.85E-06	1.44E-08
558504.414160402.35	558504	4160402	2.13E-06	4.33E-09	5.91E-06	2.06E-08	3.10E-06	1.53E-08
558514.414160382.35	558514	4160382	1.81E-06	4.17E-09	5.03E-06	1.98E-08	2.64E-06	1.47E-08
558514.414160392.35	558514	4160392	1.96E-06	4.40E-09	5.44E-06	2.09E-08	2.85E-06	1.55E-08
558514.414160402.35	558514	4160402	2.14E-06	4.70E-09	5.93E-06	2.23E-08	3.11E-06	1.65E-08
558524.414160392.35	558524	4160392	1.97E-06	4.75E-09	5.46E-06	2.26E-08	2.87E-06	1.67E-08
558524.414160402.35	558524	4160402	2.14E-06	5.10E-09	5.95E-06	2.42E-08	3.12E-06	1.79E-08
558581.824160392.36	558582	4160392	2.03E-06	8.14E-09	5.65E-06	3.86E-08	2.97E-06	2.87E-08
558581.824160402.36	558582	4160402	2.19E-06	9.12E-09	6.09E-06	4.33E-08	3.20E-06	3.21E-08
558581.824160412.36	558582	4160412	2.36E-06	1.03E-08	6.56E-06	4.89E-08	3.44E-06	3.63E-08
558581.824160422.36	558582	4160422	2.54E-06	1.17E-08	7.07E-06	5.56E-08	3.71E-06	4.13E-08
558591.824160392.36	558592	4160392	2.04E-06	8.85E-09	5.67E-06	4.20E-08	2.98E-06	3.12E-08
558591.824160402.36	558592	4160402	2.20E-06	1.00E-08	6.10E-06	4.76E-08	3.20E-06	3.53E-08
558591.824160412.36	558592	4160412	2.36E-06	1.15E-08	6.57E-06	5.44E-08	3.45E-06	4.04E-08
558591.824160422.36	558592	4160422	2.54E-06	1.33E-08	7.06E-06	6.30E-08	3.71E-06	4.67E-08
558601.824160382.36	558602	4160382	1.91E-06	8.49E-09	5.29E-06	4.03E-08	2.78E-06	2.99E-08
558601.824160392.36	558602	4160392	2.05E-06	9.60E-09	5.69E-06	4.55E-08	2.99E-06	3.38E-08
558601.824160402.36	558602	4160402	2.20E-06	1.10E-08	6.11E-06	5.21E-08	3.21E-06	3.87E-08
558601.824160412.36	558602	4160412	2.36E-06	1.27E-08	6.57E-06	6.04E-08	3.45E-06	4.48E-08
558601.824160422.36	558602	4160422	2.54E-06	1.49E-08	7.05E-06	7.08E-08	3.70E-06	5.25E-08
558611.824160382.36	558612	4160382	1.91E-06	9.02E-09	5.32E-06	4.28E-08	2.79E-06	3.17E-08
558611.824160392.36	558612	4160392	2.05E-06	1.03E-08	5.71E-06	4.86E-08	2.99E-06	3.61E-08
558611.824160402.36	558612	4160402	2.20E-06	1.20E-08	6.12E-06	5.68E-08	3.21E-06	4.22E-08
558611.824160412.36	558612	4160412	2.36E-06	1.40E-08	6.56E-06	6.66E-08	3.44E-06	4.94E-08
558611.824160422.36	558612	4160422	2.53E-06	1.67E-08	7.03E-06	7.94E-08	3.69E-06	5.89E-08
558621.824160382.36	558622	4160382	1.92E-06	9.63E-09	5.33E-06	4.57E-08	2.80E-06	3.39E-08
558621.824160392.36	558622	4160392	2.06E-06	1.10E-08	5.72E-06	5.23E-08	3.00E-06	3.88E-08
558621.824160402.36	558622	4160402	2.20E-06	1.30E-08	6.12E-06	6.16E-08	3.21E-06	4.57E-08
558621.824160412.36	558622	4160412	2.36E-06	1.55E-08	6.55E-06	7.36E-08	3.44E-06	5.46E-08
558621.824160422.36	558622	4160422	2.52E-06	1.28E-08	7.01E-06	6.09E-08	3.68E-06	4.52E-08
558631.824160382.36	558632	4160382	1.92E-06	1.03E-08	5.35E-06	4.88E-08	2.81E-06	3.62E-08
558631.824160392.36	558632	4160392	2.06E-06	1.18E-08	5.72E-06	5.60E-08	3.00E-06	4.16E-08
558631.824160402.36	558632	4160402	2.20E-06	1.41E-08	6.12E-06	6.67E-08	3.21E-06	4.95E-08
558641.824160382.36	558642	4160382	1.93E-06	1.09E-08	5.36E-06	5.17E-08	2.81E-06	3.84E-08
558641.824160392.36	558642	4160392	2.06E-06	1.26E-08	5.73E-06	5.98E-08	3.00E-06	4.43E-08
558641.824160402.36	558642	4160402	2.20E-06	1.52E-08	6.11E-06	7.22E-08	3.21E-06	5.35E-08
558651.824160382.36	558652	4160382	1.93E-06	1.17E-08	5.36E-06	5.56E-08	2.81E-06	4.12E-08
558651.824160392.36	558652	4160392	2.06E-06	1.36E-08	5.72E-06	6.45E-08	3.00E-06	4.79E-08
558651.824160402.36	558652	4160402	2.20E-06	1.65E-08	6.10E-06	7.84E-08	3.20E-06	5.82E-08
558661.824160382.36	558662	4160382	1.93E-06	1.26E-08	5.37E-06	5.99E-08	2.82E-06	4.44E-08
558661.824160392.36	558662	4160392	2.06E-06	1.46E-08	5.72E-06	6.95E-08	3.00E-06	5.15E-08
558661.824160402.36	558662	4160402	2.19E-06	1.79E-08	6.08E-06	8.51E-08	3.19E-06	6.31E-08
558671.824160362.36	558672	4160362	1.70E-06	1.14E-08	4.73E-06	5.41E-08	2.48E-06	4.02E-08
558671.824160372.36	558672	4160372	1.81E-06	1.23E-08	5.04E-06	5.85E-08	2.64E-06	4.34E-08
558671.824160382.36	558672	4160382	1.93E-06	1.37E-08	5.36E-06	6.50E-08	2.81E-06	4.82E-08
558671.824160392.36	558672	4160392	2.05E-06	1.58E-08	5.71E-06	7.52E-08	2.99E-06	5.58E-08
558671.824160402.36	558672	4160402	2.18E-06	1.94E-08	6.06E-06	9.21E-08	3.18E-06	6.83E-08
558681.824160362.36	558682	4160362	1.70E-06	1.27E-08	4.74E-06	6.04E-08	2.49E-06	4.48E-08
558681.824160372.36	558682	4160372	1.81E-06	1.34E-08	5.03E-06	6.36E-08	2.64E-06	4.72E-08
558681.824160382.36	558682	4160382	1.93E-06	1.49E-08	5.36E-06	7.09E-08	2.81E-06	5.26E-08
558681.824160392.36	558682	4160392	2.05E-06	1.72E-08	5.69E-06	8.17E-08	2.99E-06	6.06E-08
558681.824160402.36	558682	4160402	2.17E-06	2.08E-08	6.04E-06	9.89E-08	3.17E-06	7.34E-08
558691.824160362.36	558692	4160362	1.71E-06	1.46E-08	4.74E-06	6.94E-08	2.49E-06	5.15E-08
558691.824160372.36	558692	4160372	1.81E-06	1.55E-08	5.04E-06	7.35E-08	2.64E-06	5.45E-08
558691.824160382.36	558692	4160382	1.92E-06	1.68E-08	5.35E-06	7.99E-08	2.81E-06	5.93E-08
558691.824160392.36	558692	4160392	2.04E-06	1.91E-08	5.67E-06	9.06E-08	2.97E-06	6.73E-08
558691.824160402.36	558692	4160402	2.16E-06	2.29E-08	6.00E-06	1.09E-07	3.15E-06	8.06E-08
558701.824160362.36	558702	4160362	1.71E-06	1.72E-08	4.74E-06	8.18E-08	2.49E-06	6.07E-08
558701.824160372.36	558702	4160372	1.81E-06	1.81E-08	5.03E-06	8.60E-08	2.64E-06	6.38E-08
558701.824160382.36	558702	4160382	1.92E-06	1.95E-08	5.33E-06	9.24E-08	2.80E-06	6.86E-08
558701.824160392.36	558702	4160392	2.03E-06	2.17E-08	5.64E-06	1.03E-07	2.96E-06	7.63E-08
558701.824160402.36	558702	4160402	2.15E-06	2.54E-08	5.96E-06	1.20E-07	3.13E-06	8.93E-08
558711.824160362.36	558712	4160362	1.71E-06	2.10E-08	4.74E-06	9.97E-08	2.49E-06	7.40E-08
558711.824160372.36	558712	4160372	1.81E-06	2.18E-08	5.02E-06	1.04E-07	2.63E-06	7.69E-08
558711.824160382.36	558712	4160382	1.91E-06	1.80E-08	5.31E-06	8.54E-08	2.79E-06	6.34E-08
558711.824160392.36	558712	4160392	2.02E-06	2.52E-08	5.61E-06	1.20E-07	2.94E-06	8.87E-08
558711.824160402.36	558712	4160402	2.13E-06	1.63E-08	5.92E-06	7.71E-08	3.11E-06	5.72E-08
558721.824160362.36	558722	4160362	1.70E-06	1.25E-08	4.73E-06	5.92E-08	2.48E-06	4.39E-08
558721.824160372.36	558722	4160372	1.80E-06	1.39E-08	5.00E-06	6.62E-08	2.63E-06	4.91E-08
558721.824160382.36	558722	4160382	1.90E-06	1.99E-08	5.28E-06	9.43E-08	2.77E-06	7.00E-08
558721.824160392.36	558722	4160392	2.01E-06	1.55E-08	5.57E-06	7.37E-08	2.93E-06	5.47E-08
558721.824160402.36	558722	4160402	2.11E-06	1.66E-08	5.87E-06	7.86E-08	3.08E-06	5.83E-08
558690.094160295.24	558690	4160295	1.11E-06	1.15E-08	3.09E-06	5.46E-08	1.62E-06	4.05E-08
558690.094160305.24	558690	4160305	1.18E-06	1.17E-08	3.29E-06	5.53E-08	1.72E-06	4.10E-08
558690.094160315.24	558690	4160315	1.26E-06	1.18E-08	3.50E-06	5.61E-08	1.84E-06	4.16E-08
558690.094160325.24	558690	4160325	1.34E-06	1.20E-08	3.72E-06	5.69E-08	1.95E-06	4.22E-08
558690.094160335.24	558690	4160335	1.43E-06	1.22E-08	3.96E-06	5.81E-08	2.08E-06	4.31E-08
558700.094160295.24	558700	4160295	1.12E-06	1.39E-08	3.11E-06	6.59E-08	1.63E-06	4.89E-08
558700.094160305.24	558700	4160305	1.19E-06	1.41E-08	3.31E-06	6.69E-08	1.74E-06	4.96E-08
558700.094160315.24	558700	4160315	1.27E-06	1.42E-08	3.52E-06	6.75E-08	1.85E-06	5.01E-08
558700.094160325.24	558700	4160325	1.35E-06	1.44E-08	3.74E-06	6.82E-08	1.96E-06	5.06E-08
558700.094160335.24	558700	4160335	1.43E-06	1.46E-08	3.98E-06	6.92E-08	2.09E-06	5.14E-08
558710.094160295.24	558710	4160295	1.13E-06	1.75E-08	3.13E-06	8.28E-08	1.64E-06	6.14E-08
558710.094160305.24	558710	4160305	1.20E-06	1.76E-08	3.33E-06	8.35E-08	1.75E-06	6.20E-08
558710.094160315.24	558710	4160315	1.27E-06	1.77E-08	3.54E-06	8.41E-08	1.86E-06	6.24E-08
558710.094160325.24	558710	4160325	1.35E-06	1.79E-08	3.76E-06	8.48E-08	1.97E-06	6.30E-08
558710.094160335.24	558710	4160335	1.44E-06	1.80E-08	3.99E-06	8.55E-08	2.10E-06	6.34E-08
558720.094160295.24	558720	4160295	1.14E-06	1.53E-08	3.16E-06	7.25E-08	1.66E-06	5.38E-08
558720.094160305.24	558720	4160305	1.21E-06	1.07E-08	3.35E-06	5.09E-08	1.76E-06	3.78E-08
558720.094160315.24	558720	4160315	1.28E-06	1.55E-08	3.56E-06	7.36E-08	1.87E-06	5.46E-08
558720.094160325.24	558720	4160325	1.36E-06	1.58E-08	3.78E-06	7.51E-08	1.98E-06	5.57E-08
558612.684160297.32	558613	4160297	1.06E-06	4.91E-09	2.94E-06	2.33E-08	1.54E-06	1.73E-08
558612.684160307.32	558613	4160307	1.13E-06	5.11E-09	3.14E-06	2.43E-08	1.65E-06	1.80E-08
558612.684160317.32	558613	4160317	1.21E-06	5.35E-09	3.35E-06	2.54E-08	1.76E-06	1.88E-08
558612.684160327.32	558613	4160327	1.29E-06	5.62E-09	3.58E-06	2.67E-08	1.88E-06	1.98E-08
558612.684160337.32	558613	4160337	1.38E-06	5.95E-09	3.84E-06	2.82E-08	2.01E-06	2.10E-08
558622.684160297.32	558623	4160297	1.07E-06	5.28E-09	2.96E-06	2.50E-08	1.55E-06	1.86E-08
558622.684160307.32	558623	4160307	1.14E-06	5.48E-09	3.16E-06	2.60E-08	1.66E-06	1.93E-08
558622.684160317.32	558623	4160317	1.21E-06	5.72E-09	3.37E-06	2.71E-08	1.77E-06	2.01E-08
558622.684160327.32	558623	4160327	1.30E-06	5.99E-09	3.61E-06	2.84E-08	1.89E-06	2.11E-08
558622.684160337.32	558623	4160337	1.39E-06	6.34E-09	3.87E-06	3.01E-08	2.03E-06	2.23E-08

RESIDENTIAL CONCENTRATIONS & DOSE

			AA	AF	AI	AN	AQ	AT
			3rd Tri Dose (mg/kg-day)		0<2 Dose (mg/kg-day)		2<16 Dose (mg/kg-day)	
XY	X	Y	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558632.684160297.32	558633	4160297	1.08E-06	5.72E-09	2.99E-06	2.71E-08	1.57E-06	2.01E-08
558632.684160307.32	558633	4160307	1.15E-06	5.92E-09	3.19E-06	2.81E-08	1.67E-06	2.08E-08
558632.684160317.32	558633	4160317	1.22E-06	6.15E-09	3.40E-06	2.92E-08	1.79E-06	2.17E-08
558632.684160327.32	558633	4160327	1.31E-06	6.43E-09	3.64E-06	3.05E-08	1.91E-06	2.26E-08
558632.684160337.32	558633	4160337	1.40E-06	6.78E-09	3.89E-06	3.22E-08	2.04E-06	2.39E-08
558642.684160297.32	558643	4160297	1.09E-06	6.28E-09	3.02E-06	2.98E-08	1.58E-06	2.21E-08
558642.684160307.32	558643	4160307	1.16E-06	6.44E-09	3.21E-06	3.06E-08	1.69E-06	2.27E-08
558642.684160317.32	558643	4160317	1.23E-06	6.67E-09	3.43E-06	3.17E-08	1.80E-06	2.35E-08
558642.684160327.32	558643	4160327	1.32E-06	6.95E-09	3.66E-06	3.30E-08	1.92E-06	2.45E-08
558642.684160337.32	558643	4160337	1.41E-06	7.30E-09	3.92E-06	3.47E-08	2.06E-06	2.57E-08
558652.684160297.32	558653	4160297	1.09E-06	6.92E-09	3.04E-06	3.29E-08	1.60E-06	2.44E-08
558652.684160307.32	558653	4160307	1.17E-06	7.09E-09	3.24E-06	3.37E-08	1.70E-06	2.50E-08
558652.684160317.32	558653	4160317	1.24E-06	7.32E-09	3.46E-06	3.47E-08	1.81E-06	2.58E-08
558652.684160327.32	558653	4160327	1.33E-06	7.58E-09	3.69E-06	3.60E-08	1.94E-06	2.67E-08
558652.684160337.32	558653	4160337	1.42E-06	7.93E-09	3.95E-06	3.76E-08	2.07E-06	2.79E-08
558662.684160297.32	558663	4160297	1.11E-06	7.79E-09	3.07E-06	3.70E-08	1.61E-06	2.74E-08
558662.684160307.32	558663	4160307	1.18E-06	7.94E-09	3.27E-06	3.77E-08	1.72E-06	2.80E-08
558662.684160317.32	558663	4160317	1.25E-06	8.12E-09	3.48E-06	3.85E-08	1.83E-06	2.86E-08
558662.684160327.32	558663	4160327	1.34E-06	8.37E-09	3.71E-06	3.97E-08	1.95E-06	2.95E-08
558662.684160337.32	558663	4160337	1.43E-06	8.70E-09	3.97E-06	4.13E-08	2.08E-06	3.06E-08
558672.684160297.32	558673	4160297	1.11E-06	8.81E-09	3.09E-06	4.18E-08	1.62E-06	3.10E-08
558672.684160307.32	558673	4160307	1.19E-06	9.00E-09	3.29E-06	4.27E-08	1.73E-06	3.17E-08
558672.684160317.32	558673	4160317	1.26E-06	9.18E-09	3.51E-06	4.36E-08	1.84E-06	3.23E-08
558672.684160327.32	558673	4160327	1.35E-06	9.40E-09	3.74E-06	4.46E-08	1.96E-06	3.31E-08
558672.684160337.32	558673	4160337	1.44E-06	9.71E-09	3.99E-06	4.61E-08	2.09E-06	3.42E-08
558543.584160290.65	558544	4160291	9.95E-07	3.29E-09	2.76E-06	1.56E-08	1.45E-06	1.16E-08
558553.584160300.65	558554	4160301	1.06E-06	3.62E-09	2.94E-06	1.72E-08	1.54E-06	1.27E-08
558553.584160310.65	558554	4160311	1.13E-06	3.79E-09	3.13E-06	1.80E-08	1.64E-06	1.33E-08
558553.584160320.65	558554	4160321	1.20E-06	3.98E-09	3.34E-06	1.89E-08	1.75E-06	1.40E-08
558553.584160330.65	558554	4160331	1.28E-06	4.19E-09	3.56E-06	1.99E-08	1.87E-06	1.47E-08
558563.584160300.65	558564	4160301	1.06E-06	3.82E-09	2.95E-06	1.81E-08	1.55E-06	1.34E-08
558563.584160310.65	558564	4160311	1.13E-06	4.00E-09	3.14E-06	1.90E-08	1.65E-06	1.41E-08
558563.584160320.65	558564	4160321	1.21E-06	4.21E-09	3.35E-06	2.00E-08	1.76E-06	1.48E-08
558563.584160330.65	558564	4160331	1.29E-06	4.43E-09	3.58E-06	2.10E-08	1.88E-06	1.56E-08
558573.584160300.65	558574	4160301	1.07E-06	4.03E-09	2.96E-06	1.91E-08	1.55E-06	1.42E-08
558573.584160310.65	558574	4160311	1.14E-06	4.22E-09	3.16E-06	2.00E-08	1.66E-06	1.49E-08
558573.584160320.65	558574	4160321	1.21E-06	4.45E-09	3.37E-06	2.11E-08	1.77E-06	1.57E-08
558573.584160330.65	558574	4160331	1.30E-06	4.69E-09	3.60E-06	2.23E-08	1.89E-06	1.65E-08
558583.584160300.65	558584	4160301	1.07E-06	4.27E-09	2.98E-06	2.02E-08	1.56E-06	1.50E-08
558583.584160310.65	558584	4160311	1.14E-06	4.46E-09	3.18E-06	2.12E-08	1.67E-06	1.57E-08
558583.584160320.65	558584	4160321	1.22E-06	4.70E-09	3.39E-06	2.23E-08	1.78E-06	1.65E-08
558583.584160330.65	558584	4160331	1.31E-06	4.96E-09	3.63E-06	2.35E-08	1.90E-06	1.75E-08
558593.584160330.65	558594	4160331	1.31E-06	5.27E-09	3.65E-06	2.50E-08	1.92E-06	1.85E-08
558455.354160303.56	558455	4160304	1.13E-06	2.22E-09	3.13E-06	1.05E-08	1.64E-06	7.81E-09
558455.354160313.56	558455	4160314	1.19E-06	2.30E-09	3.30E-06	1.09E-08	1.73E-06	8.08E-09
558455.354160323.56	558455	4160324	1.26E-06	2.38E-09	3.49E-06	1.13E-08	1.83E-06	8.38E-09
558455.354160333.56	558455	4160334	1.33E-06	2.46E-09	3.70E-06	1.17E-08	1.94E-06	8.68E-09
558455.354160343.56	558455	4160344	1.42E-06	2.55E-09	3.93E-06	1.21E-08	2.06E-06	9.00E-09
558465.354160303.56	558465	4160304	1.11E-06	2.33E-09	3.09E-06	1.10E-08	1.62E-06	8.19E-09
558465.354160313.56	558465	4160314	1.17E-06	2.41E-09	3.26E-06	1.14E-08	1.71E-06	8.48E-09
558465.354160323.56	558465	4160324	1.24E-06	2.50E-09	3.45E-06	1.19E-08	1.81E-06	8.80E-09
558465.354160333.56	558465	4160334	1.32E-06	2.59E-09	3.67E-06	1.23E-08	1.92E-06	9.12E-09
558465.354160343.56	558465	4160344	1.40E-06	2.69E-09	3.90E-06	1.28E-08	2.05E-06	9.48E-09
558475.354160303.56	558475	4160304	1.10E-06	2.44E-09	3.06E-06	1.16E-08	1.61E-06	8.58E-09
558475.354160313.56	558475	4160314	1.16E-06	2.53E-09	3.23E-06	1.20E-08	1.70E-06	8.91E-09
558475.354160323.56	558475	4160324	1.23E-06	2.63E-09	3.42E-06	1.25E-08	1.80E-06	9.25E-09
558475.354160333.56	558475	4160334	1.31E-06	2.73E-09	3.64E-06	1.30E-08	1.91E-06	9.62E-09
558475.354160343.56	558475	4160344	1.39E-06	2.84E-09	3.87E-06	1.35E-08	2.03E-06	1.00E-08
558485.354160303.56	558485	4160304	1.09E-06	2.56E-09	3.03E-06	1.22E-08	1.59E-06	9.02E-09
558485.354160313.56	558485	4160314	1.15E-06	2.65E-09	3.21E-06	1.26E-08	1.68E-06	9.34E-09
558485.354160323.56	558485	4160324	1.22E-06	2.77E-09	3.40E-06	1.31E-08	1.79E-06	9.74E-09
558485.354160333.56	558485	4160334	1.30E-06	2.88E-09	3.62E-06	1.37E-08	1.90E-06	1.01E-08
558485.354160343.56	558485	4160344	1.39E-06	3.00E-09	3.86E-06	1.42E-08	2.02E-06	1.06E-08
558495.354160303.56	558495	4160304	1.08E-06	2.70E-09	3.01E-06	1.28E-08	1.58E-06	9.50E-09
558495.354160313.56	558495	4160314	1.15E-06	2.81E-09	3.19E-06	1.33E-08	1.67E-06	9.88E-09
558495.354160323.56	558495	4160324	1.22E-06	2.92E-09	3.39E-06	1.39E-08	1.78E-06	1.03E-08
558495.354160333.56	558495	4160334	1.30E-06	3.04E-09	3.60E-06	1.44E-08	1.89E-06	1.07E-08
558495.354160343.56	558495	4160344	1.38E-06	3.18E-09	3.85E-06	1.51E-08	2.02E-06	1.12E-08
558505.354160303.56	558505	4160304	1.08E-06	2.84E-09	3.00E-06	1.35E-08	1.57E-06	1.00E-08
558505.354160313.56	558505	4160314	1.14E-06	2.96E-09	3.18E-06	1.40E-08	1.67E-06	1.04E-08
558505.354160323.56	558505	4160324	1.22E-06	3.08E-09	3.38E-06	1.46E-08	1.77E-06	1.09E-08
558505.354160333.56	558505	4160334	1.29E-06	3.22E-09	3.60E-06	1.53E-08	1.89E-06	1.13E-08
558515.354160303.56	558515	4160304	1.08E-06	3.00E-09	2.99E-06	1.42E-08	1.57E-06	1.05E-08
558515.354160313.56	558515	4160314	1.14E-06	3.12E-09	3.17E-06	1.48E-08	1.66E-06	1.10E-08
558515.354160323.56	558515	4160324	1.21E-06	3.26E-09	3.37E-06	1.55E-08	1.77E-06	1.15E-08
558515.354160333.56	558515	4160334	1.29E-06	3.41E-09	3.60E-06	1.62E-08	1.89E-06	1.20E-08
558525.354160303.56	558525	4160304	1.07E-06	3.16E-09	2.98E-06	1.50E-08	1.56E-06	1.11E-08
558525.354160313.56	558525	4160314	1.14E-06	3.30E-09	3.17E-06	1.56E-08	1.66E-06	1.16E-08
558525.354160323.56	558525	4160324	1.21E-06	3.45E-09	3.37E-06	1.64E-08	1.77E-06	1.21E-08
558525.354160333.56	558525	4160334	1.30E-06	3.61E-09	3.60E-06	1.71E-08	1.89E-06	1.27E-08
558535.354160303.56	558535	4160304	1.07E-06	3.33E-09	2.98E-06	1.58E-08	1.56E-06	1.17E-08
558535.354160313.56	558535	4160314	1.14E-06	3.48E-09	3.17E-06	1.65E-08	1.66E-06	1.23E-08
558535.354160323.56	558535	4160324	1.22E-06	3.65E-09	3.38E-06	1.73E-08	1.77E-06	1.28E-08
558535.354160333.56	558535	4160334	1.30E-06	3.82E-09	3.61E-06	1.81E-08	1.89E-06	1.35E-08
558616.674160229.97	558617	4160230	7.26E-07	4.03E-09	2.02E-06	1.91E-08	1.06E-06	1.42E-08
558616.674160239.97	558617	4160240	7.66E-07	4.19E-09	2.13E-06	1.99E-08	1.12E-06	1.48E-08
558616.674160249.97	558617	4160250	8.09E-07	4.36E-09	2.25E-06	2.07E-08	1.18E-06	1.54E-08
558626.674160229.97	558627	4160230	7.30E-07	4.39E-09	2.03E-06	2.08E-08	1.06E-06	1.54E-08
558626.674160239.97	558627	4160240	7.70E-07	4.56E-09	2.14E-06	2.16E-08	1.12E-06	1.61E-08
558626.674160249.97	558627	4160250	8.14E-07	4.75E-09	2.26E-06	2.25E-08	1.19E-06	1.67E-08
558636.674160229.97	558637	4160230	7.34E-07	4.81E-09	2.04E-06	2.28E-08	1.07E-06	1.69E-08
558636.674160239.97	558637	4160240	7.75E-07	5.01E-09	2.15E-06	2.38E-08	1.13E-06	1.77E-08
558636.674160249.97	558637	4160250	8.19E-07	5.22E-09	2.28E-06	2.47E-08	1.19E-06	1.84E-08
558646.674160229.97	558647	4160230	7.38E-07	5.34E-09	2.05E-06	2.53E-08	1.08E-06	1.88E-08
558646.674160239.97	558647	4160240	7.80E-07	5.57E-09	2.17E-06	2.64E-08	1.14E-06	1.96E-08
558646.674160249.97	558647	4160250	8.25E-07	5.79E-09	2.29E-06	2.75E-08	1.20E-06	2.04E-08
558656.674160229.97	558657	4160230	7.43E-07	6.00E-09	2.07E-06	2.85E-08	1.08E-06	2.11E-08
558656.674160239.97	558657	4160240	7.86E-07	6.26E-09	2.18E-06	2.97E-08	1.15E-06	2.20E-08
558666.674160229.97	558667	4160230	7.49E-07	6.84E-09	2.08E-06	3.24E-08	1.09E-06	2.41E-08
558666.674160239.97	558667	4160240	7.92E-07	7.15E-09	2.20E-06	3.39E-08	1.16E-06	2.52E-08
558676.674160229.97	558677	4160230	7.55E-07	7.91E-09	2.10E-06	3.75E-08	1.10E-06	2.78E-08
558676.674160239.97	558677	4160240	7.99E-07	8.30E-09	2.22E-06	3.94E-08	1.17E-06	2.92E-08
558686.674160229.97	558687	4160230	7.62E-07	9.33E-09	2.12E-06	4.43E-08	1.11E-06	3.28E-08

RESIDENTIAL CONCENTRATIONS & DOSE			AA	AF	AI	AN	AQ	AT
			3rd Tri Dose (mg/kg-day)		0<2 Dose (mg/kg-day)		2<16 Dose (mg/kg-day)	
XY	X	Y	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD
558686.674160239.97	558687	4160240	8.06E-07	9.82E-09	2.24E-06	4.66E-08	1.18E-06	3.46E-08
558696.674160229.97	558697	4160230	7.69E-07	1.12E-08	2.14E-06	5.33E-08	1.12E-06	3.95E-08
558696.674160239.97	558697	4160240	8.13E-07	1.19E-08	2.26E-06	5.64E-08	1.19E-06	4.18E-08
558706.674160229.97	558707	4160230	7.76E-07	1.38E-08	2.16E-06	6.56E-08	1.13E-06	4.86E-08
558706.674160239.97	558707	4160240	8.21E-07	1.47E-08	2.28E-06	6.99E-08	1.20E-06	5.18E-08
558716.674160229.97	558717	4160230	7.83E-07	1.74E-08	2.18E-06	8.27E-08	1.14E-06	6.14E-08
558716.674160239.97	558717	4160240	8.28E-07	1.36E-08	2.30E-06	6.44E-08	1.21E-06	4.78E-08
558420.214160235.8	558420	4160236	8.85E-07	1.54E-09	2.46E-06	7.31E-09	1.29E-06	5.43E-09
558420.214160245.8	558420	4160246	9.21E-07	1.59E-09	2.56E-06	7.53E-09	1.34E-06	5.59E-09
558420.214160255.8	558420	4160256	9.60E-07	1.64E-09	2.67E-06	7.76E-09	1.40E-06	5.76E-09
558430.214160235.8	558430	4160236	8.66E-07	1.60E-09	2.41E-06	7.60E-09	1.26E-06	5.64E-09
558430.214160245.8	558430	4160246	9.02E-07	1.65E-09	2.51E-06	7.83E-09	1.32E-06	5.81E-09
558430.214160255.8	558430	4160256	9.40E-07	1.70E-09	2.61E-06	8.08E-09	1.37E-06	5.99E-09
558440.214160235.8	558440	4160236	8.49E-07	1.67E-09	2.36E-06	7.91E-09	1.24E-06	5.87E-09
558440.214160245.8	558440	4160246	8.84E-07	1.72E-09	2.46E-06	8.16E-09	1.29E-06	6.05E-09
558440.214160255.8	558440	4160256	9.22E-07	1.77E-09	2.56E-06	8.41E-09	1.34E-06	6.24E-09
558450.214160235.8	558450	4160236	8.33E-07	1.73E-09	2.32E-06	8.22E-09	1.22E-06	6.10E-09
558450.214160245.8	558450	4160246	8.68E-07	1.79E-09	2.41E-06	8.48E-09	1.27E-06	6.29E-09
558450.214160255.8	558450	4160256	9.06E-07	1.84E-09	2.52E-06	8.75E-09	1.32E-06	6.49E-09
558460.214160235.8	558460	4160236	8.19E-07	1.80E-09	2.28E-06	8.54E-09	1.19E-06	6.34E-09
558460.214160245.8	558460	4160246	8.54E-07	1.86E-09	2.37E-06	8.82E-09	1.24E-06	6.55E-09
558460.214160255.8	558460	4160256	8.91E-07	1.92E-09	2.48E-06	9.13E-09	1.30E-06	6.77E-09
558470.214160235.8	558470	4160236	8.06E-07	1.88E-09	2.24E-06	8.90E-09	1.18E-06	6.61E-09
558470.214160245.8	558470	4160246	8.40E-07	1.94E-09	2.34E-06	9.20E-09	1.23E-06	6.83E-09
558470.214160255.8	558470	4160256	8.78E-07	2.01E-09	2.44E-06	9.53E-09	1.28E-06	7.08E-09
558480.214160235.8	558480	4160236	7.94E-07	1.96E-09	2.21E-06	9.29E-09	1.16E-06	6.89E-09
558480.214160245.8	558480	4160246	8.29E-07	2.03E-09	2.30E-06	9.61E-09	1.21E-06	7.13E-09
558480.214160255.8	558480	4160256	8.66E-07	2.10E-09	2.41E-06	9.97E-09	1.26E-06	7.40E-09
558490.214160235.8	558490	4160236	7.83E-07	2.04E-09	2.18E-06	9.70E-09	1.14E-06	7.20E-09
558490.214160245.8	558490	4160246	8.17E-07	2.11E-09	2.27E-06	1.00E-08	1.19E-06	7.44E-09
558490.214160255.8	558490	4160256	8.55E-07	2.20E-09	2.38E-06	1.04E-08	1.25E-06	7.73E-09
558500.214160235.8	558500	4160236	7.74E-07	2.14E-09	2.15E-06	1.02E-08	1.13E-06	7.54E-09
558500.214160245.8	558500	4160246	8.09E-07	2.22E-09	2.25E-06	1.05E-08	1.18E-06	7.81E-09
558500.214160255.8	558500	4160256	8.47E-07	2.30E-09	2.35E-06	1.09E-08	1.23E-06	8.11E-09
558510.214160235.8	558510	4160236	7.66E-07	2.24E-09	2.13E-06	1.06E-08	1.12E-06	7.90E-09
558510.214160245.8	558510	4160246	8.01E-07	2.33E-09	2.23E-06	1.10E-08	1.17E-06	8.19E-09
558510.214160255.8	558510	4160256	8.39E-07	2.42E-09	2.33E-06	1.15E-08	1.22E-06	8.51E-09
558520.214160235.8	558520	4160236	7.59E-07	2.35E-09	2.11E-06	1.11E-08	1.11E-06	8.27E-09
558520.214160245.8	558520	4160246	7.95E-07	2.44E-09	2.21E-06	1.16E-08	1.16E-06	8.59E-09
558520.214160255.8	558520	4160256	8.33E-07	2.54E-09	2.31E-06	1.20E-08	1.21E-06	8.93E-09
558530.214160235.8	558530	4160236	7.54E-07	2.46E-09	2.09E-06	1.17E-08	1.10E-06	8.67E-09
558530.214160245.8	558530	4160246	7.89E-07	2.55E-09	2.19E-06	1.21E-08	1.15E-06	8.99E-09
558530.214160255.8	558530	4160256	8.28E-07	2.66E-09	2.30E-06	1.26E-08	1.21E-06	9.37E-09
558540.214160235.8	558540	4160236	7.49E-07	2.58E-09	2.08E-06	1.23E-08	1.09E-06	9.09E-09
558540.214160245.8	558540	4160246	7.85E-07	2.68E-09	2.18E-06	1.27E-08	1.15E-06	9.44E-09
558540.214160255.8	558540	4160256	8.25E-07	2.80E-09	2.29E-06	1.33E-08	1.20E-06	9.84E-09
558550.214160235.8	558550	4160236	7.46E-07	2.72E-09	2.07E-06	1.29E-08	1.09E-06	9.56E-09
558550.214160245.8	558550	4160246	7.82E-07	2.82E-09	2.17E-06	1.34E-08	1.14E-06	9.93E-09
558550.214160255.8	558550	4160256	8.23E-07	2.94E-09	2.29E-06	1.39E-08	1.20E-06	1.03E-08
558560.214160235.8	558560	4160236	7.43E-07	2.87E-09	2.07E-06	1.36E-08	1.08E-06	1.01E-08
558560.214160245.8	558560	4160246	7.81E-07	2.99E-09	2.17E-06	1.42E-08	1.14E-06	1.05E-08
558560.214160255.8	558560	4160256	8.22E-07	3.12E-09	2.28E-06	1.48E-08	1.20E-06	1.10E-08
558570.214160235.8	558570	4160236	7.42E-07	3.02E-09	2.06E-06	1.43E-08	1.08E-06	1.06E-08
558570.214160245.8	558570	4160246	7.80E-07	3.13E-09	2.17E-06	1.49E-08	1.14E-06	1.10E-08
558570.214160255.8	558570	4160256	8.22E-07	3.27E-09	2.28E-06	1.55E-08	1.20E-06	1.15E-08
558580.214160235.8	558580	4160236	7.42E-07	3.20E-09	2.06E-06	1.52E-08	1.08E-06	1.13E-08
558580.214160245.8	558580	4160246	7.81E-07	3.32E-09	2.17E-06	1.58E-08	1.14E-06	1.17E-08
558590.214160235.8	558590	4160236	7.43E-07	3.41E-09	2.06E-06	1.62E-08	1.08E-06	1.20E-08
558590.214160245.8	558590	4160246	7.82E-07	3.54E-09	2.17E-06	1.68E-08	1.14E-06	1.25E-08
558600.214160245.8	558600	4160246	7.85E-07	3.79E-09	2.18E-06	1.80E-08	1.14E-06	1.34E-08

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
557996.384160720.52	557996.4	4160720.52	WRKR_1	1.43E-02	1.95E-06
557996.384160730.52	557996.4	4160730.52	WRKR_2	1.41E-02	1.94E-06
557996.384160740.52	557996.4	4160740.52	WRKR_3	1.37E-02	1.93E-06
558006.384160710.52	558006.4	4160710.52	WRKR_4	1.63E-02	2.03E-06
558006.384160720.52	558006.4	4160720.52	WRKR_5	1.61E-02	2.02E-06
558006.384160730.52	558006.4	4160730.52	WRKR_6	1.58E-02	2.01E-06
558006.384160740.52	558006.4	4160740.52	WRKR_7	1.54E-02	2.00E-06
558016.384160710.52	558016.4	4160710.52	WRKR_8	1.86E-02	2.10E-06
558016.384160720.52	558016.4	4160720.52	WRKR_9	1.83E-02	2.09E-06
558016.384160730.52	558016.4	4160730.52	WRKR_10	1.78E-02	2.08E-06
558016.384160740.52	558016.4	4160740.52	WRKR_11	1.72E-02	2.06E-06
558026.384160710.52	558026.4	4160710.52	WRKR_12	2.12E-02	2.17E-06
558026.384160720.52	558026.4	4160720.52	WRKR_13	2.09E-02	2.16E-06
558026.384160730.52	558026.4	4160730.52	WRKR_14	2.03E-02	2.15E-06
558026.384160740.52	558026.4	4160740.52	WRKR_15	1.95E-02	2.13E-06
558277.534160581.24	558277.5	4160581.24	WRKR_16	5.61E-02	1.07E-05
558277.534160591.24	558277.5	4160591.24	WRKR_17	6.77E-02	1.10E-05
558287.534160581.24	558287.5	4160581.24	WRKR_18	5.47E-02	1.20E-05
558287.534160591.24	558287.5	4160591.24	WRKR_19	6.52E-02	1.24E-05
558297.534160581.24	558297.5	4160581.24	WRKR_20	5.28E-02	1.37E-05
558297.534160591.24	558297.5	4160591.24	WRKR_21	6.27E-02	1.43E-05
558307.534160581.24	558307.5	4160581.24	WRKR_22	5.05E-02	1.58E-05
558307.534160591.24	558307.5	4160591.24	WRKR_23	6.03E-02	1.67E-05
558317.534160581.24	558317.5	4160581.24	WRKR_24	4.85E-02	1.82E-05
558317.534160591.24	558317.5	4160591.24	WRKR_25	5.79E-02	1.96E-05
558327.534160581.24	558327.5	4160581.24	WRKR_26	4.64E-02	2.11E-05
558327.534160591.24	558327.5	4160591.24	WRKR_27	5.56E-02	2.33E-05
558337.534160581.24	558337.5	4160581.24	WRKR_28	4.40E-02	2.39E-05
558101.054160547.13	558101.1	4160547.13	WRKR_29	2.49E-02	3.10E-06
558101.054160557.13	558101.1	4160557.13	WRKR_30	2.71E-02	3.11E-06
558111.054160547.13	558111.1	4160547.13	WRKR_31	2.65E-02	3.24E-06
558111.054160557.13	558111.1	4160557.13	WRKR_32	2.90E-02	3.26E-06
558111.054160567.13	558111.1	4160567.13	WRKR_33	3.19E-02	3.27E-06
558121.054160537.13	558121.1	4160537.13	WRKR_34	2.56E-02	3.37E-06
558121.054160547.13	558121.1	4160547.13	WRKR_35	2.81E-02	3.40E-06
558121.054160557.13	558121.1	4160557.13	WRKR_36	3.09E-02	3.42E-06
558121.054160567.13	558121.1	4160567.13	WRKR_37	3.42E-02	3.43E-06
558121.054160577.13	558121.1	4160577.13	WRKR_38	3.79E-02	3.44E-06
558121.054160587.13	558121.1	4160587.13	WRKR_39	4.21E-02	3.45E-06
558131.054160527.13	558131.1	4160527.13	WRKR_40	2.44E-02	3.51E-06
558131.054160537.13	558131.1	4160537.13	WRKR_41	2.69E-02	3.54E-06
558131.054160547.13	558131.1	4160547.13	WRKR_42	2.96E-02	3.57E-06
558131.054160557.13	558131.1	4160557.13	WRKR_43	3.28E-02	3.59E-06
558131.054160567.13	558131.1	4160567.13	WRKR_44	3.65E-02	3.61E-06
558131.054160577.13	558131.1	4160577.13	WRKR_45	4.07E-02	3.62E-06
558131.054160587.13	558131.1	4160587.13	WRKR_46	4.55E-02	3.63E-06
558131.054160597.13	558131.1	4160597.13	WRKR_47	5.11E-02	3.63E-06
558141.054160527.13	558141.1	4160527.13	WRKR_48	2.54E-02	3.69E-06

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
558141.054160537.13	558141.1	4160537.13	WRKR_49	2.81E-02	3.72E-06
558141.054160547.13	558141.1	4160547.13	WRKR_50	3.12E-02	3.75E-06
558141.054160557.13	558141.1	4160557.13	WRKR_51	3.47E-02	3.77E-06
558141.054160567.13	558141.1	4160567.13	WRKR_52	3.88E-02	3.79E-06
558141.054160577.13	558141.1	4160577.13	WRKR_53	4.36E-02	3.81E-06
558141.054160587.13	558141.1	4160587.13	WRKR_54	4.91E-02	3.82E-06
558141.054160597.13	558141.1	4160597.13	WRKR_55	5.54E-02	3.82E-06
558141.054160607.13	558141.1	4160607.13	WRKR_56	6.26E-02	3.82E-06
558151.054160537.13	558151.1	4160537.13	WRKR_57	2.93E-02	3.91E-06
558151.054160547.13	558151.1	4160547.13	WRKR_58	3.27E-02	3.95E-06
558151.054160557.13	558151.1	4160557.13	WRKR_59	3.66E-02	3.97E-06
558151.054160567.13	558151.1	4160567.13	WRKR_60	4.13E-02	4.00E-06
558151.054160577.13	558151.1	4160577.13	WRKR_61	4.66E-02	4.02E-06
558151.054160587.13	558151.1	4160587.13	WRKR_62	5.28E-02	4.03E-06
558151.054160597.13	558151.1	4160597.13	WRKR_63	6.06E-02	4.04E-06
558151.054160607.13	558151.1	4160607.13	WRKR_64	6.94E-02	4.03E-06
558151.054160617.13	558151.1	4160617.13	WRKR_65	7.92E-02	4.02E-06
558161.054160547.13	558161.1	4160547.13	WRKR_66	3.44E-02	4.16E-06
558161.054160557.13	558161.1	4160557.13	WRKR_67	3.85E-02	4.20E-06
558161.054160567.13	558161.1	4160567.13	WRKR_68	4.36E-02	4.23E-06
558161.054160577.13	558161.1	4160577.13	WRKR_69	4.97E-02	4.25E-06
558161.054160587.13	558161.1	4160587.13	WRKR_70	5.68E-02	4.27E-06
558161.054160597.13	558161.1	4160597.13	WRKR_71	6.64E-02	4.27E-06
558161.054160607.13	558161.1	4160607.13	WRKR_72	7.59E-02	4.27E-06
558171.054160557.13	558171.1	4160557.13	WRKR_73	4.07E-02	4.44E-06
558171.054160567.13	558171.1	4160567.13	WRKR_74	4.59E-02	4.47E-06
558171.054160577.13	558171.1	4160577.13	WRKR_75	5.27E-02	4.50E-06
558171.054160587.13	558171.1	4160587.13	WRKR_76	6.06E-02	4.52E-06
558171.054160597.13	558171.1	4160597.13	WRKR_77	7.17E-02	4.53E-06
558181.054160567.13	558181.1	4160567.13	WRKR_78	4.86E-02	4.75E-06
558181.054160577.13	558181.1	4160577.13	WRKR_79	5.57E-02	4.78E-06
558181.054160587.13	558181.1	4160587.13	WRKR_80	6.47E-02	4.81E-06
558191.054160577.13	558191.1	4160577.13	WRKR_81	5.81E-02	5.07E-06
558368.544160582.33	558368.5	4160582.33	WRKR_82	3.88E-02	3.33E-05
558378.544160582.33	558378.5	4160582.33	WRKR_83	3.67E-02	3.51E-05
558378.544160592.33	558378.5	4160592.33	WRKR_84	4.16E-02	4.27E-05
558378.544160602.33	558378.5	4160602.33	WRKR_85	4.68E-02	5.23E-05
558378.544160612.33	558378.5	4160612.33	WRKR_86	5.46E-02	7.00E-05
558388.544160582.33	558388.5	4160582.33	WRKR_87	3.43E-02	3.68E-05
558388.544160592.33	558388.5	4160592.33	WRKR_88	3.86E-02	4.52E-05
558388.544160602.33	558388.5	4160602.33	WRKR_89	4.32E-02	5.56E-05
558388.544160612.33	558388.5	4160612.33	WRKR_90	5.02E-02	4.94E-05
558398.544160582.33	558398.5	4160582.33	WRKR_91	3.17E-02	3.88E-05
558398.544160592.33	558398.5	4160592.33	WRKR_92	3.54E-02	4.67E-05
558398.544160602.33	558398.5	4160602.33	WRKR_93	3.99E-02	5.88E-05
558398.544160612.33	558398.5	4160612.33	WRKR_94	4.59E-02	5.48E-05
558186.784160496.28	558186.8	4160496.28	WRKR_95	1.94E-02	4.51E-06
558186.784160506.28	558186.8	4160506.28	WRKR_96	2.13E-02	4.54E-06
558196.784160496.28	558196.8	4160496.28	WRKR_97	1.94E-02	4.79E-06
558196.784160506.28	558196.8	4160506.28	WRKR_98	2.13E-02	4.83E-06
558196.784160516.28	558196.8	4160516.28	WRKR_99	2.36E-02	4.87E-06
558196.784160526.28	558196.8	4160526.28	WRKR_100	2.68E-02	4.94E-06
558206.784160506.28	558206.8	4160506.28	WRKR_101	2.12E-02	5.16E-06
558206.784160516.28	558206.8	4160516.28	WRKR_102	2.37E-02	5.22E-06
558206.784160526.28	558206.8	4160526.28	WRKR_103	2.65E-02	5.27E-06
558206.784160536.28	558206.8	4160536.28	WRKR_104	3.03E-02	5.35E-06
558216.784160516.28	558216.8	4160516.28	WRKR_105	2.35E-02	5.58E-06
558216.784160526.28	558216.8	4160526.28	WRKR_106	2.63E-02	5.66E-06
558216.784160536.28	558216.8	4160536.28	WRKR_107	2.97E-02	5.73E-06
558216.784160546.28	558216.8	4160546.28	WRKR_108	3.41E-02	5.80E-06
558226.784160526.28	558226.8	4160526.28	WRKR_109	2.59E-02	6.07E-06
558226.784160536.28	558226.8	4160536.28	WRKR_110	2.94E-02	6.17E-06
558226.784160546.28	558226.8	4160546.28	WRKR_111	3.37E-02	6.26E-06

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
558236.784160536.28	558236.8	4160536.28	WRKR_112	2.86E-02	6.65E-06
558115.174160402.59	558115.2	4160402.59	WRKR_113	8.99E-03	2.89E-06
558115.174160412.59	558115.2	4160412.59	WRKR_114	9.59E-03	2.93E-06
558115.174160422.59	558115.2	4160422.59	WRKR_115	1.03E-02	2.95E-06
558115.174160432.59	558115.2	4160432.59	WRKR_116	1.10E-02	2.99E-06
558115.174160442.59	558115.2	4160442.59	WRKR_117	1.18E-02	3.02E-06
558125.174160392.59	558125.2	4160392.59	WRKR_118	8.51E-03	2.98E-06
558125.174160402.59	558125.2	4160402.59	WRKR_119	9.08E-03	3.02E-06
558125.174160412.59	558125.2	4160412.59	WRKR_120	9.71E-03	3.05E-06
558125.174160422.59	558125.2	4160422.59	WRKR_121	1.04E-02	3.08E-06
558125.174160432.59	558125.2	4160432.59	WRKR_122	1.12E-02	3.11E-06
558125.174160442.59	558125.2	4160442.59	WRKR_123	1.20E-02	3.15E-06
558135.174160372.59	558135.2	4160372.59	WRKR_124	7.52E-03	3.03E-06
558135.174160382.59	558135.2	4160382.59	WRKR_125	8.01E-03	3.07E-06
558135.174160392.59	558135.2	4160392.59	WRKR_126	8.55E-03	3.11E-06
558135.174160402.59	558135.2	4160402.59	WRKR_127	9.14E-03	3.14E-06
558135.174160412.59	558135.2	4160412.59	WRKR_128	9.79E-03	3.18E-06
558135.174160422.59	558135.2	4160422.59	WRKR_129	1.05E-02	3.22E-06
558135.174160432.59	558135.2	4160432.59	WRKR_130	1.13E-02	3.25E-06
558135.174160442.59	558135.2	4160442.59	WRKR_131	1.21E-02	3.29E-06
558145.174160372.59	558145.2	4160372.59	WRKR_132	7.52E-03	3.16E-06
558145.174160382.59	558145.2	4160382.59	WRKR_133	8.02E-03	3.20E-06
558145.174160392.59	558145.2	4160392.59	WRKR_134	8.57E-03	3.24E-06
558145.174160402.59	558145.2	4160402.59	WRKR_135	9.17E-03	3.28E-06
558145.174160412.59	558145.2	4160412.59	WRKR_136	9.83E-03	3.32E-06
558145.174160422.59	558145.2	4160422.59	WRKR_137	1.06E-02	3.36E-06
558145.174160432.59	558145.2	4160432.59	WRKR_138	1.14E-02	3.40E-06
558145.174160442.59	558145.2	4160442.59	WRKR_139	1.23E-02	3.44E-06
558155.174160372.59	558155.2	4160372.59	WRKR_140	7.49E-03	3.29E-06
558155.174160382.59	558155.2	4160382.59	WRKR_141	8.00E-03	3.34E-06
558155.174160392.59	558155.2	4160392.59	WRKR_142	8.55E-03	3.38E-06
558155.174160402.59	558155.2	4160402.59	WRKR_143	9.16E-03	3.43E-06
558155.174160412.59	558155.2	4160412.59	WRKR_144	9.84E-03	3.47E-06
558155.174160422.59	558155.2	4160422.59	WRKR_145	1.06E-02	3.52E-06
558155.174160432.59	558155.2	4160432.59	WRKR_146	1.14E-02	3.56E-06
558155.174160442.59	558155.2	4160442.59	WRKR_147	1.23E-02	3.61E-06
558165.174160362.59	558165.2	4160362.59	WRKR_148	6.97E-03	3.37E-06
558165.174160372.59	558165.2	4160372.59	WRKR_149	7.43E-03	3.43E-06
558165.174160382.59	558165.2	4160382.59	WRKR_150	7.94E-03	3.48E-06
558165.174160392.59	558165.2	4160392.59	WRKR_151	8.50E-03	3.53E-06
558165.174160402.59	558165.2	4160402.59	WRKR_152	9.12E-03	3.58E-06
558165.174160412.59	558165.2	4160412.59	WRKR_153	9.80E-03	3.63E-06
558165.174160422.59	558165.2	4160422.59	WRKR_154	1.06E-02	3.68E-06
558165.174160432.59	558165.2	4160432.59	WRKR_155	1.14E-02	3.74E-06
558175.174160362.59	558175.2	4160362.59	WRKR_156	6.90E-03	3.52E-06
558175.174160372.59	558175.2	4160372.59	WRKR_157	7.35E-03	3.58E-06
558175.174160382.59	558175.2	4160382.59	WRKR_158	7.86E-03	3.63E-06
558175.174160392.59	558175.2	4160392.59	WRKR_159	8.42E-03	3.69E-06
558175.174160402.59	558175.2	4160402.59	WRKR_160	9.04E-03	3.75E-06
558175.174160412.59	558175.2	4160412.59	WRKR_161	9.72E-03	3.80E-06
558175.174160422.59	558175.2	4160422.59	WRKR_162	1.05E-02	3.86E-06
558185.174160362.59	558185.2	4160362.59	WRKR_163	6.80E-03	3.67E-06
558185.174160372.59	558185.2	4160372.59	WRKR_164	7.25E-03	3.73E-06
558185.174160382.59	558185.2	4160382.59	WRKR_165	7.76E-03	3.79E-06
558185.174160392.59	558185.2	4160392.59	WRKR_166	8.31E-03	3.86E-06
558185.174160402.59	558185.2	4160402.59	WRKR_167	8.93E-03	3.92E-06
558185.174160412.59	558185.2	4160412.59	WRKR_168	9.60E-03	3.99E-06
558185.174160422.59	558185.2	4160422.59	WRKR_169	1.04E-02	4.05E-06
558185.174160432.59	558185.2	4160432.59	WRKR_170	1.12E-02	4.11E-06
558185.174160442.59	558185.2	4160442.59	WRKR_171	1.21E-02	4.18E-06
558195.174160362.59	558195.2	4160362.59	WRKR_172	6.69E-03	3.83E-06
558195.174160372.59	558195.2	4160372.59	WRKR_173	7.13E-03	3.90E-06
558195.174160382.59	558195.2	4160382.59	WRKR_174	7.63E-03	3.97E-06

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
558195.174160392.59	558195.2	4160392.59	WRKR_175	8.18E-03	4.04E-06
558195.174160402.59	558195.2	4160402.59	WRKR_176	8.79E-03	4.11E-06
558195.174160412.59	558195.2	4160412.59	WRKR_177	9.45E-03	4.18E-06
558195.174160422.59	558195.2	4160422.59	WRKR_178	1.02E-02	4.25E-06
558195.174160432.59	558195.2	4160432.59	WRKR_179	1.10E-02	4.32E-06
558195.174160442.59	558195.2	4160442.59	WRKR_180	1.19E-02	4.39E-06
558195.174160452.59	558195.2	4160452.59	WRKR_181	1.29E-02	4.45E-06
558205.174160362.59	558205.2	4160362.59	WRKR_182	6.56E-03	3.99E-06
558205.174160372.59	558205.2	4160372.59	WRKR_183	7.00E-03	4.07E-06
558205.174160382.59	558205.2	4160382.59	WRKR_184	7.49E-03	4.15E-06
558205.174160392.59	558205.2	4160392.59	WRKR_185	8.02E-03	4.23E-06
558205.174160402.59	558205.2	4160402.59	WRKR_186	8.62E-03	4.31E-06
558205.174160412.59	558205.2	4160412.59	WRKR_187	9.28E-03	4.39E-06
558205.174160422.59	558205.2	4160422.59	WRKR_188	1.00E-02	4.47E-06
558205.174160432.59	558205.2	4160432.59	WRKR_189	1.08E-02	4.55E-06
558205.174160442.59	558205.2	4160442.59	WRKR_190	1.17E-02	4.63E-06
558205.174160452.59	558205.2	4160452.59	WRKR_191	1.27E-02	4.70E-06
558205.174160462.59	558205.2	4160462.59	WRKR_192	1.39E-02	4.77E-06
558215.174160362.59	558215.2	4160362.59	WRKR_193	6.42E-03	4.17E-06
558215.174160372.59	558215.2	4160372.59	WRKR_194	6.85E-03	4.25E-06
558215.174160382.59	558215.2	4160382.59	WRKR_195	7.33E-03	4.34E-06
558215.174160392.59	558215.2	4160392.59	WRKR_196	7.85E-03	4.42E-06
558215.174160402.59	558215.2	4160402.59	WRKR_197	8.44E-03	4.51E-06
558215.174160412.59	558215.2	4160412.59	WRKR_198	9.08E-03	4.60E-06
558215.174160422.59	558215.2	4160422.59	WRKR_199	9.79E-03	4.69E-06
558215.174160432.59	558215.2	4160432.59	WRKR_200	1.06E-02	4.78E-06
558215.174160442.59	558215.2	4160442.59	WRKR_201	1.15E-02	4.88E-06
558215.174160452.59	558215.2	4160452.59	WRKR_202	1.25E-02	4.97E-06
558215.174160462.59	558215.2	4160462.59	WRKR_203	1.36E-02	5.05E-06
558215.174160472.59	558215.2	4160472.59	WRKR_204	1.48E-02	5.13E-06
558225.174160362.59	558225.2	4160362.59	WRKR_205	6.27E-03	4.35E-06
558225.174160372.59	558225.2	4160372.59	WRKR_206	6.69E-03	4.44E-06
558225.174160382.59	558225.2	4160382.59	WRKR_207	7.16E-03	4.54E-06
558225.174160392.59	558225.2	4160392.59	WRKR_208	7.67E-03	4.64E-06
558225.174160402.59	558225.2	4160402.59	WRKR_209	8.24E-03	4.73E-06
558225.174160412.59	558225.2	4160412.59	WRKR_210	8.86E-03	4.83E-06
558225.174160422.59	558225.2	4160422.59	WRKR_211	9.55E-03	4.93E-06
558225.174160432.59	558225.2	4160432.59	WRKR_212	1.03E-02	5.04E-06
558225.174160442.59	558225.2	4160442.59	WRKR_213	1.12E-02	5.14E-06
558225.174160452.59	558225.2	4160452.59	WRKR_214	1.22E-02	5.25E-06
558225.174160462.59	558225.2	4160462.59	WRKR_215	1.33E-02	5.35E-06
558225.174160472.59	558225.2	4160472.59	WRKR_216	1.45E-02	5.45E-06
558225.174160482.59	558225.2	4160482.59	WRKR_217	1.59E-02	5.55E-06
558235.174160362.59	558235.2	4160362.59	WRKR_218	6.12E-03	4.54E-06
558235.174160372.59	558235.2	4160372.59	WRKR_219	6.53E-03	4.64E-06
558235.174160382.59	558235.2	4160382.59	WRKR_220	6.98E-03	4.75E-06
558235.174160392.59	558235.2	4160392.59	WRKR_221	7.48E-03	4.86E-06
558235.174160402.59	558235.2	4160402.59	WRKR_222	8.03E-03	4.97E-06
558235.174160412.59	558235.2	4160412.59	WRKR_223	8.63E-03	5.07E-06
558235.174160422.59	558235.2	4160422.59	WRKR_224	9.31E-03	5.19E-06
558235.174160432.59	558235.2	4160432.59	WRKR_225	1.01E-02	5.30E-06
558235.174160442.59	558235.2	4160442.59	WRKR_226	1.09E-02	5.42E-06
558235.174160452.59	558235.2	4160452.59	WRKR_227	1.19E-02	5.54E-06
558235.174160462.59	558235.2	4160462.59	WRKR_228	1.29E-02	5.67E-06
558235.174160472.59	558235.2	4160472.59	WRKR_229	1.42E-02	5.79E-06
558235.174160482.59	558235.2	4160482.59	WRKR_230	1.55E-02	5.91E-06
558235.174160492.59	558235.2	4160492.59	WRKR_231	1.71E-02	6.02E-06
558245.174160362.59	558245.2	4160362.59	WRKR_232	5.96E-03	4.74E-06
558245.174160372.59	558245.2	4160372.59	WRKR_233	6.35E-03	4.85E-06
558245.174160382.59	558245.2	4160382.59	WRKR_234	6.79E-03	4.97E-06
558245.174160392.59	558245.2	4160392.59	WRKR_235	7.28E-03	5.09E-06
558245.174160402.59	558245.2	4160402.59	WRKR_236	7.81E-03	5.21E-06
558245.174160412.59	558245.2	4160412.59	WRKR_237	8.39E-03	5.33E-06

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
558245.174160422.59	558245.2	4160422.59	WRKR_238	9.05E-03	5.46E-06
558245.174160432.59	558245.2	4160432.59	WRKR_239	9.77E-03	5.59E-06
558245.174160442.59	558245.2	4160442.59	WRKR_240	1.06E-02	5.72E-06
558245.174160452.59	558245.2	4160452.59	WRKR_241	1.15E-02	5.86E-06
558245.174160462.59	558245.2	4160462.59	WRKR_242	1.26E-02	6.01E-06
558245.174160472.59	558245.2	4160472.59	WRKR_243	1.38E-02	6.15E-06
558245.174160482.59	558245.2	4160482.59	WRKR_244	1.51E-02	6.29E-06
558245.174160492.59	558245.2	4160492.59	WRKR_245	1.67E-02	6.43E-06
558245.174160502.59	558245.2	4160502.59	WRKR_246	1.84E-02	6.56E-06
558255.174160362.59	558255.2	4160362.59	WRKR_247	5.79E-03	4.94E-06
558255.174160372.59	558255.2	4160372.59	WRKR_248	6.18E-03	5.07E-06
558255.174160382.59	558255.2	4160382.59	WRKR_249	6.60E-03	5.20E-06
558255.174160392.59	558255.2	4160392.59	WRKR_250	7.07E-03	5.33E-06
558255.174160402.59	558255.2	4160402.59	WRKR_251	7.58E-03	5.46E-06
558255.174160412.59	558255.2	4160412.59	WRKR_252	8.16E-03	5.61E-06
558255.174160422.59	558255.2	4160422.59	WRKR_253	8.78E-03	5.75E-06
558255.174160432.59	558255.2	4160432.59	WRKR_254	9.49E-03	5.89E-06
558255.174160442.59	558255.2	4160442.59	WRKR_255	1.03E-02	6.05E-06
558255.174160452.59	558255.2	4160452.59	WRKR_256	1.12E-02	6.20E-06
558255.174160462.59	558255.2	4160462.59	WRKR_257	1.22E-02	6.36E-06
558255.174160472.59	558255.2	4160472.59	WRKR_258	1.33E-02	6.53E-06
558255.174160482.59	558255.2	4160482.59	WRKR_259	1.47E-02	6.70E-06
558255.174160492.59	558255.2	4160492.59	WRKR_260	1.62E-02	6.88E-06
558255.174160502.59	558255.2	4160502.59	WRKR_261	1.79E-02	7.04E-06
558255.174160512.59	558255.2	4160512.59	WRKR_262	1.99E-02	7.19E-06
558265.174160362.59	558265.2	4160362.59	WRKR_263	5.62E-03	5.16E-06
558265.174160372.59	558265.2	4160372.59	WRKR_264	5.99E-03	5.30E-06
558265.174160382.59	558265.2	4160382.59	WRKR_265	6.40E-03	5.44E-06
558265.174160392.59	558265.2	4160392.59	WRKR_266	6.86E-03	5.58E-06
558265.174160402.59	558265.2	4160402.59	WRKR_267	7.35E-03	5.73E-06
558265.174160412.59	558265.2	4160412.59	WRKR_268	7.91E-03	5.89E-06
558265.174160422.59	558265.2	4160422.59	WRKR_269	8.52E-03	6.05E-06
558265.174160432.59	558265.2	4160432.59	WRKR_270	9.20E-03	6.21E-06
558265.174160442.59	558265.2	4160442.59	WRKR_271	9.98E-03	6.39E-06
558265.174160452.59	558265.2	4160452.59	WRKR_272	1.08E-02	6.56E-06
558265.174160462.59	558265.2	4160462.59	WRKR_273	1.18E-02	6.74E-06
558265.174160472.59	558265.2	4160472.59	WRKR_274	1.29E-02	6.94E-06
558265.174160482.59	558265.2	4160482.59	WRKR_275	1.43E-02	7.14E-06
558265.174160492.59	558265.2	4160492.59	WRKR_276	1.58E-02	7.35E-06
558265.174160502.59	558265.2	4160502.59	WRKR_277	1.75E-02	7.56E-06
558265.174160512.59	558265.2	4160512.59	WRKR_278	1.95E-02	7.75E-06
558265.174160522.59	558265.2	4160522.59	WRKR_279	2.19E-02	7.95E-06
558275.174160362.59	558275.2	4160362.59	WRKR_280	5.45E-03	5.38E-06
558275.174160372.59	558275.2	4160372.59	WRKR_281	5.81E-03	5.53E-06
558275.174160382.59	558275.2	4160382.59	WRKR_282	6.21E-03	5.68E-06
558275.174160392.59	558275.2	4160392.59	WRKR_283	6.64E-03	5.84E-06
558275.174160402.59	558275.2	4160402.59	WRKR_284	7.12E-03	6.01E-06
558275.174160412.59	558275.2	4160412.59	WRKR_285	7.66E-03	6.18E-06
558275.174160422.59	558275.2	4160422.59	WRKR_286	8.25E-03	6.36E-06
558275.174160432.59	558275.2	4160432.59	WRKR_287	8.92E-03	6.55E-06
558275.174160442.59	558275.2	4160442.59	WRKR_288	9.67E-03	6.74E-06
558275.174160452.59	558275.2	4160452.59	WRKR_289	1.05E-02	6.94E-06
558275.174160462.59	558275.2	4160462.59	WRKR_290	1.15E-02	7.15E-06
558275.174160472.59	558275.2	4160472.59	WRKR_291	1.26E-02	7.38E-06
558275.174160482.59	558275.2	4160482.59	WRKR_292	1.38E-02	7.61E-06
558275.174160492.59	558275.2	4160492.59	WRKR_293	1.53E-02	7.85E-06
558275.174160502.59	558275.2	4160502.59	WRKR_294	1.71E-02	8.11E-06
558275.174160512.59	558275.2	4160512.59	WRKR_295	1.92E-02	8.38E-06
558275.174160522.59	558275.2	4160522.59	WRKR_296	2.16E-02	8.63E-06
558275.174160532.59	558275.2	4160532.59	WRKR_297	2.44E-02	8.88E-06
558285.174160362.59	558285.2	4160362.59	WRKR_298	5.28E-03	5.62E-06
558285.174160372.59	558285.2	4160372.59	WRKR_299	5.63E-03	5.78E-06
558285.174160382.59	558285.2	4160382.59	WRKR_300	6.01E-03	5.94E-06

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
558285.174160392.59	558285.2	4160392.59	WRKR_301	6.43E-03	6.12E-06
558285.174160402.59	558285.2	4160402.59	WRKR_302	6.90E-03	6.30E-06
558285.174160412.59	558285.2	4160412.59	WRKR_303	7.41E-03	6.49E-06
558285.174160422.59	558285.2	4160422.59	WRKR_304	7.99E-03	6.69E-06
558285.174160432.59	558285.2	4160432.59	WRKR_305	8.64E-03	6.90E-06
558285.174160442.59	558285.2	4160442.59	WRKR_306	9.36E-03	7.11E-06
558285.174160452.59	558285.2	4160452.59	WRKR_307	1.02E-02	7.34E-06
558285.174160462.59	558285.2	4160462.59	WRKR_308	1.11E-02	7.59E-06
558285.174160472.59	558285.2	4160472.59	WRKR_309	1.22E-02	7.84E-06
558285.174160482.59	558285.2	4160482.59	WRKR_310	1.34E-02	8.11E-06
558285.174160492.59	558285.2	4160492.59	WRKR_311	1.49E-02	8.39E-06
558285.174160502.59	558285.2	4160502.59	WRKR_312	1.66E-02	8.70E-06
558285.174160512.59	558285.2	4160512.59	WRKR_313	1.87E-02	9.03E-06
558285.174160522.59	558285.2	4160522.59	WRKR_314	2.12E-02	9.36E-06
558285.174160532.59	558285.2	4160532.59	WRKR_315	2.41E-02	9.68E-06
558295.174160362.59	558295.2	4160362.59	WRKR_316	5.11E-03	5.86E-06
558295.174160372.59	558295.2	4160372.59	WRKR_317	5.44E-03	6.03E-06
558295.174160382.59	558295.2	4160382.59	WRKR_318	5.81E-03	6.21E-06
558295.174160392.59	558295.2	4160392.59	WRKR_319	6.22E-03	6.40E-06
558295.174160402.59	558295.2	4160402.59	WRKR_320	6.67E-03	6.59E-06
558295.174160412.59	558295.2	4160412.59	WRKR_321	7.17E-03	6.80E-06
558295.174160422.59	558295.2	4160422.59	WRKR_322	7.73E-03	7.03E-06
558295.174160432.59	558295.2	4160432.59	WRKR_323	8.36E-03	7.26E-06
558295.174160442.59	558295.2	4160442.59	WRKR_324	9.07E-03	7.50E-06
558295.174160452.59	558295.2	4160452.59	WRKR_325	9.88E-03	7.76E-06
558295.174160462.59	558295.2	4160462.59	WRKR_326	1.08E-02	8.04E-06
558295.174160472.59	558295.2	4160472.59	WRKR_327	1.19E-02	8.33E-06
558295.174160482.59	558295.2	4160482.59	WRKR_328	1.31E-02	8.64E-06
558295.174160492.59	558295.2	4160492.59	WRKR_329	1.45E-02	8.97E-06
558295.174160502.59	558295.2	4160502.59	WRKR_330	1.62E-02	9.32E-06
558295.174160512.59	558295.2	4160512.59	WRKR_331	1.83E-02	9.72E-06
558295.174160522.59	558295.2	4160522.59	WRKR_332	2.08E-02	1.01E-05
558295.174160532.59	558295.2	4160532.59	WRKR_333	2.37E-02	1.06E-05
558305.174160362.59	558305.2	4160362.59	WRKR_334	4.94E-03	6.10E-06
558305.174160372.59	558305.2	4160372.59	WRKR_335	5.26E-03	6.29E-06
558305.174160382.59	558305.2	4160382.59	WRKR_336	5.61E-03	6.48E-06
558305.174160392.59	558305.2	4160392.59	WRKR_337	6.01E-03	6.68E-06
558305.174160402.59	558305.2	4160402.59	WRKR_338	6.44E-03	6.88E-06
558305.174160412.59	558305.2	4160412.59	WRKR_339	6.93E-03	7.11E-06
558305.174160422.59	558305.2	4160422.59	WRKR_340	7.47E-03	7.37E-06
558305.174160432.59	558305.2	4160432.59	WRKR_341	8.08E-03	7.63E-06
558305.174160442.59	558305.2	4160442.59	WRKR_342	8.78E-03	7.90E-06
558305.174160452.59	558305.2	4160452.59	WRKR_343	9.57E-03	8.19E-06
558305.174160462.59	558305.2	4160462.59	WRKR_344	1.05E-02	8.50E-06
558305.174160472.59	558305.2	4160472.59	WRKR_345	1.15E-02	8.83E-06
558305.174160482.59	558305.2	4160482.59	WRKR_346	1.27E-02	9.19E-06
558305.174160492.59	558305.2	4160492.59	WRKR_347	1.42E-02	9.58E-06
558305.174160502.59	558305.2	4160502.59	WRKR_348	1.59E-02	1.00E-05
558305.174160512.59	558305.2	4160512.59	WRKR_349	1.79E-02	1.05E-05
558305.174160522.59	558305.2	4160522.59	WRKR_350	2.04E-02	1.10E-05
558305.174160532.59	558305.2	4160532.59	WRKR_351	2.34E-02	1.15E-05
558315.174160362.59	558315.2	4160362.59	WRKR_352	4.77E-03	6.35E-06
558315.174160372.59	558315.2	4160372.59	WRKR_353	5.08E-03	6.55E-06
558315.174160382.59	558315.2	4160382.59	WRKR_354	5.42E-03	6.75E-06
558315.174160392.59	558315.2	4160392.59	WRKR_355	5.80E-03	6.96E-06
558315.174160402.59	558315.2	4160402.59	WRKR_356	6.22E-03	7.20E-06
558315.174160412.59	558315.2	4160412.59	WRKR_357	6.69E-03	7.43E-06
558315.174160422.59	558315.2	4160422.59	WRKR_358	7.22E-03	7.70E-06
558315.174160432.59	558315.2	4160432.59	WRKR_359	7.82E-03	8.00E-06
558315.174160442.59	558315.2	4160442.59	WRKR_360	8.50E-03	8.30E-06
558315.174160452.59	558315.2	4160452.59	WRKR_361	9.27E-03	8.62E-06
558315.174160462.59	558315.2	4160462.59	WRKR_362	1.02E-02	8.97E-06
558315.174160472.59	558315.2	4160472.59	WRKR_363	1.12E-02	9.35E-06

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
558315.174160482.59	558315.2	4160482.59	WRKR_364	1.24E-02	9.75E-06
558315.174160492.59	558315.2	4160492.59	WRKR_365	1.38E-02	1.02E-05
558315.174160502.59	558315.2	4160502.59	WRKR_366	1.55E-02	1.07E-05
558315.174160512.59	558315.2	4160512.59	WRKR_367	1.76E-02	1.13E-05
558315.174160522.59	558315.2	4160522.59	WRKR_368	2.01E-02	1.19E-05
558315.174160532.59	558315.2	4160532.59	WRKR_369	2.30E-02	1.25E-05
558325.174160362.59	558325.2	4160362.59	WRKR_370	4.61E-03	6.61E-06
558325.174160372.59	558325.2	4160372.59	WRKR_371	4.91E-03	6.82E-06
558325.174160382.59	558325.2	4160382.59	WRKR_372	5.24E-03	7.03E-06
558325.174160392.59	558325.2	4160392.59	WRKR_373	5.60E-03	7.27E-06
558325.174160402.59	558325.2	4160402.59	WRKR_374	6.01E-03	7.52E-06
558325.174160412.59	558325.2	4160412.59	WRKR_375	6.47E-03	7.78E-06
558325.174160422.59	558325.2	4160422.59	WRKR_376	6.98E-03	8.07E-06
558325.174160432.59	558325.2	4160432.59	WRKR_377	7.56E-03	8.37E-06
558325.174160442.59	558325.2	4160442.59	WRKR_378	8.23E-03	8.71E-06
558325.174160452.59	558325.2	4160452.59	WRKR_379	8.98E-03	9.06E-06
558325.174160462.59	558325.2	4160462.59	WRKR_380	9.87E-03	9.45E-06
558325.174160472.59	558325.2	4160472.59	WRKR_381	1.09E-02	9.87E-06
558325.174160482.59	558325.2	4160482.59	WRKR_382	1.21E-02	1.03E-05
558325.174160492.59	558325.2	4160492.59	WRKR_383	1.35E-02	1.08E-05
558325.174160502.59	558325.2	4160502.59	WRKR_384	1.52E-02	1.14E-05
558325.174160512.59	558325.2	4160512.59	WRKR_385	1.73E-02	1.21E-05
558325.174160522.59	558325.2	4160522.59	WRKR_386	1.97E-02	1.28E-05
558325.174160532.59	558325.2	4160532.59	WRKR_387	2.25E-02	1.36E-05
558335.174160362.59	558335.2	4160362.59	WRKR_388	4.45E-03	6.87E-06
558335.174160372.59	558335.2	4160372.59	WRKR_389	4.74E-03	7.10E-06
558335.174160382.59	558335.2	4160382.59	WRKR_390	5.06E-03	7.33E-06
558335.174160392.59	558335.2	4160392.59	WRKR_391	5.41E-03	7.58E-06
558335.174160402.59	558335.2	4160402.59	WRKR_392	5.80E-03	7.85E-06
558335.174160412.59	558335.2	4160412.59	WRKR_393	6.25E-03	8.13E-06
558335.174160422.59	558335.2	4160422.59	WRKR_394	6.75E-03	8.43E-06
558335.174160432.59	558335.2	4160432.59	WRKR_395	7.32E-03	8.75E-06
558335.174160442.59	558335.2	4160442.59	WRKR_396	7.97E-03	9.11E-06
558335.174160452.59	558335.2	4160452.59	WRKR_397	8.71E-03	9.50E-06
558335.174160462.59	558335.2	4160462.59	WRKR_398	9.58E-03	9.92E-06
558335.174160472.59	558335.2	4160472.59	WRKR_399	1.06E-02	1.04E-05
558335.174160482.59	558335.2	4160482.59	WRKR_400	1.18E-02	1.09E-05
558335.174160492.59	558335.2	4160492.59	WRKR_401	1.32E-02	1.15E-05
558335.174160502.59	558335.2	4160502.59	WRKR_402	1.49E-02	1.21E-05
558335.174160512.59	558335.2	4160512.59	WRKR_403	1.69E-02	1.29E-05
558335.174160522.59	558335.2	4160522.59	WRKR_404	1.93E-02	1.37E-05
558335.174160532.59	558335.2	4160532.59	WRKR_405	2.20E-02	1.47E-05
558345.174160362.59	558345.2	4160362.59	WRKR_406	4.30E-03	7.14E-06
558345.174160372.59	558345.2	4160372.59	WRKR_407	4.58E-03	7.39E-06
558345.174160382.59	558345.2	4160382.59	WRKR_408	4.89E-03	7.65E-06
558345.174160392.59	558345.2	4160392.59	WRKR_409	5.23E-03	7.90E-06
558345.174160402.59	558345.2	4160402.59	WRKR_410	5.61E-03	8.18E-06
558345.174160412.59	558345.2	4160412.59	WRKR_411	6.04E-03	8.48E-06
558345.174160422.59	558345.2	4160422.59	WRKR_412	6.53E-03	8.81E-06
558345.174160432.59	558345.2	4160432.59	WRKR_413	7.09E-03	9.15E-06
558345.174160442.59	558345.2	4160442.59	WRKR_414	7.73E-03	9.49E-06
558345.174160452.59	558345.2	4160452.59	WRKR_415	8.47E-03	9.93E-06
558345.174160462.59	558345.2	4160462.59	WRKR_416	9.31E-03	1.04E-05
558345.174160472.59	558345.2	4160472.59	WRKR_417	1.03E-02	1.09E-05
558345.174160482.59	558345.2	4160482.59	WRKR_418	1.15E-02	1.15E-05
558345.174160492.59	558345.2	4160492.59	WRKR_419	1.29E-02	1.21E-05
558345.174160502.59	558345.2	4160502.59	WRKR_420	1.45E-02	1.28E-05
558345.174160512.59	558345.2	4160512.59	WRKR_421	1.65E-02	1.37E-05
558345.174160522.59	558345.2	4160522.59	WRKR_422	1.88E-02	1.46E-05
558345.174160532.59	558345.2	4160532.59	WRKR_423	2.15E-02	1.57E-05
558355.174160362.59	558355.2	4160362.59	WRKR_424	4.16E-03	7.42E-06
558355.174160372.59	558355.2	4160372.59	WRKR_425	4.43E-03	7.68E-06
558355.174160382.59	558355.2	4160382.59	WRKR_426	4.73E-03	7.95E-06

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
558355.174160392.59	558355.2	4160392.59	WRKR_427	5.06E-03	8.24E-06
558355.174160402.59	558355.2	4160402.59	WRKR_428	5.43E-03	8.53E-06
558355.174160412.59	558355.2	4160412.59	WRKR_429	5.85E-03	8.85E-06
558355.174160422.59	558355.2	4160422.59	WRKR_430	6.33E-03	9.19E-06
558355.174160432.59	558355.2	4160432.59	WRKR_431	6.88E-03	9.55E-06
558355.174160442.59	558355.2	4160442.59	WRKR_432	7.50E-03	9.94E-06
558355.174160452.59	558355.2	4160452.59	WRKR_433	8.23E-03	1.04E-05
558355.174160462.59	558355.2	4160462.59	WRKR_434	9.07E-03	1.09E-05
558355.174160472.59	558355.2	4160472.59	WRKR_435	1.00E-02	1.14E-05
558355.174160482.59	558355.2	4160482.59	WRKR_436	1.12E-02	1.20E-05
558355.174160492.59	558355.2	4160492.59	WRKR_437	1.25E-02	1.27E-05
558355.174160502.59	558355.2	4160502.59	WRKR_438	1.41E-02	1.35E-05
558355.174160512.59	558355.2	4160512.59	WRKR_439	1.60E-02	1.44E-05
558355.174160522.59	558355.2	4160522.59	WRKR_440	1.82E-02	1.54E-05
558355.174160532.59	558355.2	4160532.59	WRKR_441	2.08E-02	1.67E-05
558365.174160362.59	558365.2	4160362.59	WRKR_442	4.03E-03	7.73E-06
558365.174160372.59	558365.2	4160372.59	WRKR_443	4.29E-03	8.00E-06
558365.174160382.59	558365.2	4160382.59	WRKR_444	4.58E-03	8.28E-06
558365.174160392.59	558365.2	4160392.59	WRKR_445	4.91E-03	8.58E-06
558365.174160402.59	558365.2	4160402.59	WRKR_446	5.27E-03	8.89E-06
558365.174160412.59	558365.2	4160412.59	WRKR_447	5.68E-03	9.23E-06
558365.174160422.59	558365.2	4160422.59	WRKR_448	6.15E-03	9.58E-06
558365.174160432.59	558365.2	4160432.59	WRKR_449	6.69E-03	9.96E-06
558365.174160442.59	558365.2	4160442.59	WRKR_450	7.30E-03	1.04E-05
558365.174160452.59	558365.2	4160452.59	WRKR_451	8.01E-03	1.08E-05
558365.174160462.59	558365.2	4160462.59	WRKR_452	8.83E-03	1.14E-05
558365.174160472.59	558365.2	4160472.59	WRKR_453	9.80E-03	1.19E-05
558365.174160482.59	558365.2	4160482.59	WRKR_454	1.09E-02	1.26E-05
558365.174160492.59	558365.2	4160492.59	WRKR_455	1.22E-02	1.33E-05
558365.174160502.59	558365.2	4160502.59	WRKR_456	1.38E-02	1.41E-05
558365.174160512.59	558365.2	4160512.59	WRKR_457	1.56E-02	1.51E-05
558365.174160522.59	558365.2	4160522.59	WRKR_458	1.77E-02	1.62E-05
558365.174160532.59	558365.2	4160532.59	WRKR_459	2.01E-02	1.76E-05
558375.174160362.59	558375.2	4160362.59	WRKR_460	3.91E-03	8.06E-06
558375.174160372.59	558375.2	4160372.59	WRKR_461	4.17E-03	8.35E-06
558375.174160382.59	558375.2	4160382.59	WRKR_462	4.45E-03	8.65E-06
558375.174160392.59	558375.2	4160392.59	WRKR_463	4.77E-03	8.93E-06
558375.174160402.59	558375.2	4160402.59	WRKR_464	5.12E-03	9.28E-06
558375.174160412.59	558375.2	4160412.59	WRKR_465	5.53E-03	9.63E-06
558375.174160422.59	558375.2	4160422.59	WRKR_466	5.99E-03	9.99E-06
558375.174160432.59	558375.2	4160432.59	WRKR_467	6.52E-03	1.04E-05
558375.174160442.59	558375.2	4160442.59	WRKR_468	7.12E-03	1.08E-05
558375.174160452.59	558375.2	4160452.59	WRKR_469	7.82E-03	1.13E-05
558375.174160462.59	558375.2	4160462.59	WRKR_470	8.63E-03	1.19E-05
558375.174160472.59	558375.2	4160472.59	WRKR_471	9.57E-03	1.24E-05
558375.174160482.59	558375.2	4160482.59	WRKR_472	1.07E-02	1.31E-05
558375.174160492.59	558375.2	4160492.59	WRKR_473	1.19E-02	1.39E-05
558375.174160502.59	558375.2	4160502.59	WRKR_474	1.34E-02	1.48E-05
558375.174160512.59	558375.2	4160512.59	WRKR_475	1.52E-02	1.58E-05
558375.174160522.59	558375.2	4160522.59	WRKR_476	1.71E-02	1.70E-05
558375.174160532.59	558375.2	4160532.59	WRKR_477	1.94E-02	1.85E-05
558385.174160362.59	558385.2	4160362.59	WRKR_478	3.81E-03	8.40E-06
558385.174160372.59	558385.2	4160372.59	WRKR_479	4.06E-03	8.73E-06
558385.174160382.59	558385.2	4160382.59	WRKR_480	4.33E-03	9.04E-06
558385.174160392.59	558385.2	4160392.59	WRKR_481	4.65E-03	9.31E-06
558385.174160402.59	558385.2	4160402.59	WRKR_482	5.00E-03	9.66E-06
558385.174160412.59	558385.2	4160412.59	WRKR_483	5.40E-03	1.00E-05
558385.174160422.59	558385.2	4160422.59	WRKR_484	5.85E-03	1.04E-05
558385.174160432.59	558385.2	4160432.59	WRKR_485	6.37E-03	1.08E-05
558385.174160442.59	558385.2	4160442.59	WRKR_486	6.96E-03	1.13E-05
558385.174160452.59	558385.2	4160452.59	WRKR_487	7.65E-03	1.18E-05
558385.174160462.59	558385.2	4160462.59	WRKR_488	8.45E-03	1.24E-05
558385.174160472.59	558385.2	4160472.59	WRKR_489	9.37E-03	1.30E-05

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
558385.174160482.59	558385.2	4160482.59	WRKR_490	1.04E-02	1.37E-05
558385.174160492.59	558385.2	4160492.59	WRKR_491	1.17E-02	1.45E-05
558385.174160502.59	558385.2	4160502.59	WRKR_492	1.31E-02	1.54E-05
558385.174160512.59	558385.2	4160512.59	WRKR_493	1.47E-02	1.65E-05
558385.174160522.59	558385.2	4160522.59	WRKR_494	1.66E-02	1.78E-05
558385.174160532.59	558385.2	4160532.59	WRKR_495	1.88E-02	1.93E-05
558395.174160362.59	558395.2	4160362.59	WRKR_496	3.72E-03	8.76E-06
558395.174160372.59	558395.2	4160372.59	WRKR_497	3.96E-03	9.07E-06
558395.174160382.59	558395.2	4160382.59	WRKR_498	4.23E-03	9.39E-06
558395.174160392.59	558395.2	4160392.59	WRKR_499	4.54E-03	9.72E-06
558395.174160402.59	558395.2	4160402.59	WRKR_500	4.89E-03	1.01E-05
558395.174160412.59	558395.2	4160412.59	WRKR_501	5.28E-03	1.05E-05
558395.174160422.59	558395.2	4160422.59	WRKR_502	5.73E-03	1.09E-05
558395.174160432.59	558395.2	4160432.59	WRKR_503	6.25E-03	1.13E-05
558395.174160442.59	558395.2	4160442.59	WRKR_504	6.84E-03	1.18E-05
558395.174160452.59	558395.2	4160452.59	WRKR_505	7.51E-03	1.23E-05
558395.174160462.59	558395.2	4160462.59	WRKR_506	8.30E-03	1.29E-05
558395.174160472.59	558395.2	4160472.59	WRKR_507	9.20E-03	1.36E-05
558395.174160482.59	558395.2	4160482.59	WRKR_508	1.02E-02	1.43E-05
558395.174160492.59	558395.2	4160492.59	WRKR_509	1.14E-02	1.51E-05
558395.174160502.59	558395.2	4160502.59	WRKR_510	1.28E-02	1.61E-05
558395.174160512.59	558395.2	4160512.59	WRKR_511	1.44E-02	1.72E-05
558477.664160568.94	558477.7	4160568.94	WRKR_512	2.02E-02	4.48E-05
558477.664160578.94	558477.7	4160578.94	WRKR_513	2.21E-02	5.18E-05
558477.664160588.94	558477.7	4160588.94	WRKR_514	2.43E-02	6.13E-05
558477.664160598.94	558477.7	4160598.94	WRKR_515	2.66E-02	7.44E-05
558487.664160568.94	558487.7	4160568.94	WRKR_516	1.92E-02	4.66E-05
558487.664160578.94	558487.7	4160578.94	WRKR_517	2.09E-02	5.31E-05
558487.664160588.94	558487.7	4160588.94	WRKR_518	2.28E-02	6.14E-05
558487.664160598.94	558487.7	4160598.94	WRKR_519	2.47E-02	7.31E-05
558497.664160568.94	558497.7	4160568.94	WRKR_520	1.85E-02	4.93E-05
558497.664160578.94	558497.7	4160578.94	WRKR_521	2.01E-02	5.56E-05
558497.664160588.94	558497.7	4160588.94	WRKR_522	2.17E-02	6.39E-05
558497.664160598.94	558497.7	4160598.94	WRKR_523	2.34E-02	7.54E-05
558507.664160568.94	558507.7	4160568.94	WRKR_524	1.80E-02	5.38E-05
558507.664160578.94	558507.7	4160578.94	WRKR_525	1.94E-02	5.99E-05
558507.664160588.94	558507.7	4160588.94	WRKR_526	2.09E-02	6.91E-05
558507.664160598.94	558507.7	4160598.94	WRKR_527	2.24E-02	8.16E-05
558517.664160568.94	558517.7	4160568.94	WRKR_528	1.74E-02	5.91E-05
558517.664160578.94	558517.7	4160578.94	WRKR_529	1.87E-02	6.57E-05
558517.664160588.94	558517.7	4160588.94	WRKR_530	2.00E-02	7.50E-05
558517.664160598.94	558517.7	4160598.94	WRKR_531	2.13E-02	8.89E-05
558527.664160568.94	558527.7	4160568.94	WRKR_532	1.68E-02	6.57E-05
558527.664160578.94	558527.7	4160578.94	WRKR_533	1.79E-02	7.31E-05
558527.664160588.94	558527.7	4160588.94	WRKR_534	1.91E-02	8.33E-05
558527.664160598.94	558527.7	4160598.94	WRKR_535	2.02E-02	7.72E-05
558537.664160568.94	558537.7	4160568.94	WRKR_536	1.62E-02	7.49E-05
558537.664160578.94	558537.7	4160578.94	WRKR_537	1.72E-02	8.33E-05
558537.664160588.94	558537.7	4160588.94	WRKR_538	1.82E-02	7.03E-05
558537.664160598.94	558537.7	4160598.94	WRKR_539	1.91E-02	7.83E-05
558547.664160568.94	558547.7	4160568.94	WRKR_540	1.56E-02	8.80E-05
558547.664160578.94	558547.7	4160578.94	WRKR_541	1.65E-02	6.94E-05
558547.664160588.94	558547.7	4160588.94	WRKR_542	1.73E-02	5.21E-05
558557.664160568.94	558557.7	4160568.94	WRKR_543	1.50E-02	4.94E-05
558600.644160569.24	558600.6	4160569.24	WRKR_544	1.27E-02	6.38E-05
558600.644160579.24	558600.6	4160579.24	WRKR_545	1.31E-02	6.52E-05
558600.644160589.24	558600.6	4160589.24	WRKR_546	1.34E-02	7.83E-05
558600.644160599.24	558600.6	4160599.24	WRKR_547	1.37E-02	7.10E-05
558610.644160569.24	558610.6	4160569.24	WRKR_548	1.21E-02	7.68E-05
558610.644160579.24	558610.6	4160579.24	WRKR_549	1.25E-02	7.10E-05
558610.644160589.24	558610.6	4160589.24	WRKR_550	1.28E-02	6.53E-05
558610.644160599.24	558610.6	4160599.24	WRKR_551	1.30E-02	5.93E-05
558620.644160569.24	558620.6	4160569.24	WRKR_552	1.16E-02	6.54E-05

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
558620.644160579.24	558620.6	4160579.24	WRKR_553	1.19E-02	6.04E-05
558620.644160589.24	558620.6	4160589.24	WRKR_554	1.21E-02	5.59E-05
558620.644160599.24	558620.6	4160599.24	WRKR_555	1.23E-02	5.09E-05
558630.644160569.24	558630.6	4160569.24	WRKR_556	1.11E-02	5.64E-05
558630.644160579.24	558630.6	4160579.24	WRKR_557	1.13E-02	5.24E-05
558630.644160589.24	558630.6	4160589.24	WRKR_558	1.15E-02	4.83E-05
558630.644160599.24	558630.6	4160599.24	WRKR_559	1.17E-02	4.39E-05
558640.644160569.24	558640.6	4160569.24	WRKR_560	1.06E-02	4.91E-05
558640.644160579.24	558640.6	4160579.24	WRKR_561	1.08E-02	4.58E-05
558640.644160589.24	558640.6	4160589.24	WRKR_562	1.10E-02	4.20E-05
558640.644160599.24	558640.6	4160599.24	WRKR_563	1.11E-02	3.83E-05
558650.644160569.24	558650.6	4160569.24	WRKR_564	1.01E-02	4.32E-05
558650.644160579.24	558650.6	4160579.24	WRKR_565	1.03E-02	4.03E-05
558650.644160589.24	558650.6	4160589.24	WRKR_566	1.04E-02	3.70E-05
558650.644160599.24	558650.6	4160599.24	WRKR_567	1.05E-02	3.40E-05
558660.644160569.24	558660.6	4160569.24	WRKR_568	9.68E-03	3.88E-05
558660.644160579.24	558660.6	4160579.24	WRKR_569	9.82E-03	3.61E-05
558660.644160589.24	558660.6	4160589.24	WRKR_570	9.91E-03	3.33E-05
558660.644160599.24	558660.6	4160599.24	WRKR_571	9.98E-03	3.07E-05
558670.644160569.24	558670.6	4160569.24	WRKR_572	9.25E-03	3.51E-05
558670.644160579.24	558670.6	4160579.24	WRKR_573	9.36E-03	3.26E-05
558670.644160589.24	558670.6	4160589.24	WRKR_574	9.44E-03	3.01E-05
558495.44160499.48	558495.4	4160499.48	WRKR_575	1.05E-02	2.89E-05
558495.44160509.48	558495.4	4160509.48	WRKR_576	1.14E-02	3.05E-05
558495.44160519.48	558495.4	4160519.48	WRKR_577	1.25E-02	3.25E-05
558495.44160529.48	558495.4	4160529.48	WRKR_578	1.36E-02	3.47E-05
558505.44160499.48	558505.4	4160499.48	WRKR_579	1.04E-02	3.20E-05
558505.44160509.48	558505.4	4160509.48	WRKR_580	1.13E-02	3.38E-05
558505.44160519.48	558505.4	4160519.48	WRKR_581	1.23E-02	3.58E-05
558505.44160529.48	558505.4	4160529.48	WRKR_582	1.33E-02	3.81E-05
558515.44160499.48	558515.4	4160499.48	WRKR_583	1.02E-02	3.60E-05
558515.44160509.48	558515.4	4160509.48	WRKR_584	1.11E-02	3.79E-05
558515.44160519.48	558515.4	4160519.48	WRKR_585	1.21E-02	4.01E-05
558515.44160529.48	558515.4	4160529.48	WRKR_586	1.31E-02	4.25E-05
558525.44160499.48	558525.4	4160499.48	WRKR_587	1.01E-02	4.09E-05
558525.44160509.48	558525.4	4160509.48	WRKR_588	1.10E-02	4.32E-05
558525.44160519.48	558525.4	4160519.48	WRKR_589	1.19E-02	4.56E-05
558525.44160529.48	558525.4	4160529.48	WRKR_590	1.28E-02	4.82E-05
558535.44160499.48	558535.4	4160499.48	WRKR_591	9.98E-03	4.74E-05
558535.44160509.48	558535.4	4160509.48	WRKR_592	1.08E-02	5.01E-05
558535.44160519.48	558535.4	4160519.48	WRKR_593	1.16E-02	5.29E-05
558535.44160529.48	558535.4	4160529.48	WRKR_594	1.26E-02	5.57E-05
558545.44160499.48	558545.4	4160499.48	WRKR_595	9.85E-03	5.59E-05
558545.44160509.48	558545.4	4160509.48	WRKR_596	1.06E-02	5.92E-05
558545.44160519.48	558545.4	4160519.48	WRKR_597	1.14E-02	6.25E-05
558545.44160529.48	558545.4	4160529.48	WRKR_598	1.23E-02	6.58E-05
558555.44160499.48	558555.4	4160499.48	WRKR_599	9.72E-03	6.75E-05
558555.44160509.48	558555.4	4160509.48	WRKR_600	1.04E-02	7.15E-05
558555.44160519.48	558555.4	4160519.48	WRKR_601	1.12E-02	7.55E-05
558555.44160529.48	558555.4	4160529.48	WRKR_602	1.20E-02	7.98E-05
558565.44160499.48	558565.4	4160499.48	WRKR_603	9.58E-03	5.85E-05
558565.44160509.48	558565.4	4160509.48	WRKR_604	1.03E-02	6.44E-05
558565.44160519.48	558565.4	4160519.48	WRKR_605	1.10E-02	4.60E-05
558565.44160529.48	558565.4	4160529.48	WRKR_606	1.17E-02	6.65E-05
558618.984160498.88	558619	4160498.88	WRKR_607	8.65E-03	4.89E-05
558618.984160508.88	558619	4160508.88	WRKR_608	9.13E-03	6.46E-05
558618.984160518.88	558619	4160518.88	WRKR_609	9.60E-03	6.47E-05
558618.984160528.88	558619	4160528.88	WRKR_610	1.01E-02	8.21E-05
558628.984160498.88	558629	4160498.88	WRKR_611	8.46E-03	8.39E-05
558628.984160508.88	558629	4160508.88	WRKR_612	8.90E-03	7.80E-05
558628.984160518.88	558629	4160518.88	WRKR_613	9.34E-03	7.36E-05
558628.984160528.88	558629	4160528.88	WRKR_614	9.76E-03	7.02E-05
558638.984160498.88	558639	4160498.88	WRKR_615	8.27E-03	7.33E-05

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
558638.984160508.88	558639	4160508.88	WRKR_616	8.67E-03	6.84E-05
558638.984160518.88	558639	4160518.88	WRKR_617	9.07E-03	6.47E-05
558638.984160528.88	558639	4160528.88	WRKR_618	9.45E-03	6.17E-05
558648.984160498.88	558649	4160498.88	WRKR_619	8.07E-03	6.56E-05
558648.984160508.88	558649	4160508.88	WRKR_620	8.44E-03	6.11E-05
558648.984160518.88	558649	4160518.88	WRKR_621	8.80E-03	5.77E-05
558648.984160528.88	558649	4160528.88	WRKR_622	9.14E-03	5.50E-05
558658.984160498.88	558659	4160498.88	WRKR_623	7.87E-03	5.99E-05
558658.984160508.88	558659	4160508.88	WRKR_624	8.21E-03	5.57E-05
558658.984160518.88	558659	4160518.88	WRKR_625	8.53E-03	5.23E-05
558658.984160528.88	558659	4160528.88	WRKR_626	8.84E-03	4.96E-05
558668.984160498.88	558669	4160498.88	WRKR_627	7.67E-03	5.51E-05
558668.984160508.88	558669	4160508.88	WRKR_628	7.98E-03	5.11E-05
558668.984160518.88	558669	4160518.88	WRKR_629	8.27E-03	4.78E-05
558668.984160528.88	558669	4160528.88	WRKR_630	8.54E-03	4.52E-05
558678.984160498.88	558679	4160498.88	WRKR_631	7.47E-03	5.12E-05
558678.984160508.88	558679	4160508.88	WRKR_632	7.75E-03	4.73E-05
558678.984160518.88	558679	4160518.88	WRKR_633	8.01E-03	4.41E-05
558678.984160528.88	558679	4160528.88	WRKR_634	8.24E-03	4.15E-05
558688.984160498.88	558689	4160498.88	WRKR_635	7.27E-03	4.78E-05
558688.984160508.88	558689	4160508.88	WRKR_636	7.52E-03	4.40E-05
558688.984160518.88	558689	4160518.88	WRKR_637	7.75E-03	4.10E-05
558444.414160372.35	558444.4	4160372.35	WRKR_638	3.66E-03	1.14E-05
558454.414160382.35	558454.4	4160382.35	WRKR_639	3.85E-03	1.22E-05
558454.414160392.35	558454.4	4160392.35	WRKR_640	4.15E-03	1.27E-05
558454.414160402.35	558454.4	4160402.35	WRKR_641	4.49E-03	1.32E-05
558464.414160382.35	558464.4	4160382.35	WRKR_642	3.83E-03	1.29E-05
558464.414160392.35	558464.4	4160392.35	WRKR_643	4.13E-03	1.35E-05
558464.414160402.35	558464.4	4160402.35	WRKR_644	4.48E-03	1.40E-05
558474.414160382.35	558474.4	4160382.35	WRKR_645	3.82E-03	1.37E-05
558474.414160392.35	558474.4	4160392.35	WRKR_646	4.12E-03	1.42E-05
558474.414160402.35	558474.4	4160402.35	WRKR_647	4.46E-03	1.48E-05
558484.414160382.35	558484.4	4160382.35	WRKR_648	3.81E-03	1.45E-05
558484.414160392.35	558484.4	4160392.35	WRKR_649	4.10E-03	1.51E-05
558484.414160402.35	558484.4	4160402.35	WRKR_650	4.42E-03	1.56E-05
558494.414160382.35	558494.4	4160382.35	WRKR_651	3.81E-03	1.55E-05
558494.414160392.35	558494.4	4160392.35	WRKR_652	4.10E-03	1.61E-05
558494.414160402.35	558494.4	4160402.35	WRKR_653	4.42E-03	1.67E-05
558504.414160382.35	558504.4	4160382.35	WRKR_654	3.82E-03	1.65E-05
558504.414160392.35	558504.4	4160392.35	WRKR_655	4.13E-03	1.74E-05
558504.414160402.35	558504.4	4160402.35	WRKR_656	4.50E-03	1.85E-05
558514.414160382.35	558514.4	4160382.35	WRKR_657	3.83E-03	1.78E-05
558514.414160392.35	558514.4	4160392.35	WRKR_658	4.15E-03	1.87E-05
558514.414160402.35	558514.4	4160402.35	WRKR_659	4.52E-03	2.00E-05
558524.414160392.35	558524.4	4160392.35	WRKR_660	4.16E-03	2.03E-05
558524.414160402.35	558524.4	4160402.35	WRKR_661	4.53E-03	2.17E-05
558581.824160392.36	558581.8	4160392.36	WRKR_662	4.31E-03	3.47E-05
558581.824160402.36	558581.8	4160402.36	WRKR_663	4.64E-03	3.89E-05
558581.824160412.36	558581.8	4160412.36	WRKR_664	5.00E-03	4.39E-05
558581.824160422.36	558581.8	4160422.36	WRKR_665	5.39E-03	4.99E-05
558591.824160392.36	558591.8	4160392.36	WRKR_666	4.32E-03	3.77E-05
558591.824160402.36	558591.8	4160402.36	WRKR_667	4.65E-03	4.27E-05
558591.824160412.36	558591.8	4160412.36	WRKR_668	5.00E-03	4.89E-05
558591.824160422.36	558591.8	4160422.36	WRKR_669	5.38E-03	5.65E-05
558601.824160382.36	558601.8	4160382.36	WRKR_670	4.03E-03	3.62E-05
558601.824160392.36	558601.8	4160392.36	WRKR_671	4.34E-03	4.09E-05
558601.824160402.36	558601.8	4160402.36	WRKR_672	4.66E-03	4.68E-05
558601.824160412.36	558601.8	4160412.36	WRKR_673	5.00E-03	5.42E-05
558601.824160422.36	558601.8	4160422.36	WRKR_674	5.37E-03	6.36E-05
558611.824160382.36	558611.8	4160382.36	WRKR_675	4.05E-03	3.84E-05
558611.824160392.36	558611.8	4160392.36	WRKR_676	4.35E-03	4.37E-05
558611.824160402.36	558611.8	4160402.36	WRKR_677	4.66E-03	5.10E-05
558611.824160412.36	558611.8	4160412.36	WRKR_678	5.00E-03	5.98E-05

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
558611.824160422.36	558611.8	4160422.36	WRKR_679	5.36E-03	7.13E-05
558621.824160382.36	558621.8	4160382.36	WRKR_680	4.06E-03	4.10E-05
558621.824160392.36	558621.8	4160392.36	WRKR_681	4.36E-03	4.70E-05
558621.824160402.36	558621.8	4160402.36	WRKR_682	4.67E-03	5.53E-05
558621.824160412.36	558621.8	4160412.36	WRKR_683	4.99E-03	6.61E-05
558621.824160422.36	558621.8	4160422.36	WRKR_684	5.34E-03	5.47E-05
558631.824160382.36	558631.8	4160382.36	WRKR_685	4.07E-03	4.38E-05
558631.824160392.36	558631.8	4160392.36	WRKR_686	4.36E-03	5.03E-05
558631.824160402.36	558631.8	4160402.36	WRKR_687	4.67E-03	5.99E-05
558641.824160382.36	558641.8	4160382.36	WRKR_688	4.08E-03	4.64E-05
558641.824160392.36	558641.8	4160392.36	WRKR_689	4.36E-03	5.37E-05
558641.824160402.36	558641.8	4160402.36	WRKR_690	4.66E-03	6.48E-05
558651.824160382.36	558651.8	4160382.36	WRKR_691	4.09E-03	4.99E-05
558651.824160392.36	558651.8	4160392.36	WRKR_692	4.36E-03	5.79E-05
558651.824160402.36	558651.8	4160402.36	WRKR_693	4.65E-03	7.04E-05
558661.824160382.36	558661.8	4160382.36	WRKR_694	4.09E-03	5.38E-05
558661.824160392.36	558661.8	4160392.36	WRKR_695	4.36E-03	6.24E-05
558661.824160402.36	558661.8	4160402.36	WRKR_696	4.64E-03	7.64E-05
558671.824160362.36	558671.8	4160362.36	WRKR_697	3.60E-03	4.86E-05
558671.824160372.36	558671.8	4160372.36	WRKR_698	3.84E-03	5.25E-05
558671.824160382.36	558671.8	4160382.36	WRKR_699	4.09E-03	5.84E-05
558671.824160392.36	558671.8	4160392.36	WRKR_700	4.35E-03	6.75E-05
558671.824160402.36	558671.8	4160402.36	WRKR_701	4.62E-03	8.27E-05
558681.824160362.36	558681.8	4160362.36	WRKR_702	3.61E-03	5.43E-05
558681.824160372.36	558681.8	4160372.36	WRKR_703	3.83E-03	5.71E-05
558681.824160382.36	558681.8	4160382.36	WRKR_704	4.08E-03	6.37E-05
558681.824160392.36	558681.8	4160392.36	WRKR_705	4.34E-03	7.33E-05
558681.824160402.36	558681.8	4160402.36	WRKR_706	4.60E-03	8.88E-05
558691.824160362.36	558691.8	4160362.36	WRKR_707	3.61E-03	6.23E-05
558691.824160372.36	558691.8	4160372.36	WRKR_708	3.84E-03	6.60E-05
558691.824160382.36	558691.8	4160382.36	WRKR_709	4.07E-03	7.17E-05
558691.824160392.36	558691.8	4160392.36	WRKR_710	4.32E-03	8.14E-05
558691.824160402.36	558691.8	4160402.36	WRKR_711	4.58E-03	9.75E-05
558701.824160362.36	558701.8	4160362.36	WRKR_712	3.61E-03	7.35E-05
558701.824160372.36	558701.8	4160372.36	WRKR_713	3.83E-03	7.72E-05
558701.824160382.36	558701.8	4160382.36	WRKR_714	4.06E-03	8.30E-05
558701.824160392.36	558701.8	4160392.36	WRKR_715	4.30E-03	9.23E-05
558701.824160402.36	558701.8	4160402.36	WRKR_716	4.55E-03	1.08E-04
558711.824160362.36	558711.8	4160362.36	WRKR_717	3.61E-03	8.95E-05
558711.824160372.36	558711.8	4160372.36	WRKR_718	3.83E-03	9.30E-05
558711.824160382.36	558711.8	4160382.36	WRKR_719	4.05E-03	7.67E-05
558711.824160392.36	558711.8	4160392.36	WRKR_720	4.28E-03	1.07E-04
558711.824160402.36	558711.8	4160402.36	WRKR_721	4.51E-03	6.93E-05
558721.824160362.36	558721.8	4160362.36	WRKR_722	3.61E-03	5.32E-05
558721.824160372.36	558721.8	4160372.36	WRKR_723	3.81E-03	5.94E-05
558721.824160382.36	558721.8	4160382.36	WRKR_724	4.03E-03	8.47E-05
558721.824160392.36	558721.8	4160392.36	WRKR_725	4.25E-03	6.62E-05
558721.824160402.36	558721.8	4160402.36	WRKR_726	4.47E-03	7.06E-05
558690.094160295.24	558690.1	4160295.24	WRKR_727	2.35E-03	4.90E-05
558690.094160305.24	558690.1	4160305.24	WRKR_728	2.50E-03	4.96E-05
558690.094160315.24	558690.1	4160315.24	WRKR_729	2.67E-03	5.03E-05
558690.094160325.24	558690.1	4160325.24	WRKR_730	2.84E-03	5.11E-05
558690.094160335.24	558690.1	4160335.24	WRKR_731	3.02E-03	5.22E-05
558700.094160295.24	558700.1	4160295.24	WRKR_732	2.37E-03	5.92E-05
558700.094160305.24	558700.1	4160305.24	WRKR_733	2.52E-03	6.01E-05
558700.094160315.24	558700.1	4160315.24	WRKR_734	2.68E-03	6.06E-05
558700.094160325.24	558700.1	4160325.24	WRKR_735	2.85E-03	6.12E-05
558700.094160335.24	558700.1	4160335.24	WRKR_736	3.03E-03	6.21E-05
558710.094160295.24	558710.1	4160295.24	WRKR_737	2.39E-03	7.44E-05
558710.094160305.24	558710.1	4160305.24	WRKR_738	2.54E-03	7.50E-05
558710.094160315.24	558710.1	4160315.24	WRKR_739	2.70E-03	7.55E-05
558710.094160325.24	558710.1	4160325.24	WRKR_740	2.86E-03	7.62E-05
558710.094160335.24	558710.1	4160335.24	WRKR_741	3.04E-03	7.68E-05

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
558720.094160295.24	558720.1	4160295.24	WRKR_742	2.41E-03	6.51E-05
558720.094160305.24	558720.1	4160305.24	WRKR_743	2.55E-03	4.57E-05
558720.094160315.24	558720.1	4160315.24	WRKR_744	2.71E-03	6.60E-05
558720.094160325.24	558720.1	4160325.24	WRKR_745	2.88E-03	6.74E-05
558612.684160297.32	558612.7	4160297.32	WRKR_746	2.24E-03	2.09E-05
558612.684160307.32	558612.7	4160307.32	WRKR_747	2.39E-03	2.18E-05
558612.684160317.32	558612.7	4160317.32	WRKR_748	2.55E-03	2.28E-05
558612.684160327.32	558612.7	4160327.32	WRKR_749	2.73E-03	2.39E-05
558612.684160337.32	558612.7	4160337.32	WRKR_750	2.92E-03	2.54E-05
558622.684160297.32	558622.7	4160297.32	WRKR_751	2.26E-03	2.25E-05
558622.684160307.32	558622.7	4160307.32	WRKR_752	2.41E-03	2.34E-05
558622.684160317.32	558622.7	4160317.32	WRKR_753	2.57E-03	2.44E-05
558622.684160327.32	558622.7	4160327.32	WRKR_754	2.75E-03	2.55E-05
558622.684160337.32	558622.7	4160337.32	WRKR_755	2.95E-03	2.70E-05
558632.684160297.32	558632.7	4160297.32	WRKR_756	2.28E-03	2.43E-05
558632.684160307.32	558632.7	4160307.32	WRKR_757	2.43E-03	2.52E-05
558632.684160317.32	558632.7	4160317.32	WRKR_758	2.59E-03	2.62E-05
558632.684160327.32	558632.7	4160327.32	WRKR_759	2.77E-03	2.74E-05
558632.684160337.32	558632.7	4160337.32	WRKR_760	2.97E-03	2.89E-05
558642.684160297.32	558642.7	4160297.32	WRKR_761	2.30E-03	2.68E-05
558642.684160307.32	558642.7	4160307.32	WRKR_762	2.45E-03	2.74E-05
558642.684160317.32	558642.7	4160317.32	WRKR_763	2.61E-03	2.84E-05
558642.684160327.32	558642.7	4160327.32	WRKR_764	2.79E-03	2.96E-05
558642.684160337.32	558642.7	4160337.32	WRKR_765	2.99E-03	3.11E-05
558652.684160297.32	558652.7	4160297.32	WRKR_766	2.32E-03	2.95E-05
558652.684160307.32	558652.7	4160307.32	WRKR_767	2.47E-03	3.02E-05
558652.684160317.32	558652.7	4160317.32	WRKR_768	2.63E-03	3.12E-05
558652.684160327.32	558652.7	4160327.32	WRKR_769	2.81E-03	3.23E-05
558652.684160337.32	558652.7	4160337.32	WRKR_770	3.01E-03	3.38E-05
558662.684160297.32	558662.7	4160297.32	WRKR_771	2.34E-03	3.32E-05
558662.684160307.32	558662.7	4160307.32	WRKR_772	2.49E-03	3.38E-05
558662.684160317.32	558662.7	4160317.32	WRKR_773	2.65E-03	3.46E-05
558662.684160327.32	558662.7	4160327.32	WRKR_774	2.83E-03	3.57E-05
558662.684160337.32	558662.7	4160337.32	WRKR_775	3.02E-03	3.71E-05
558672.684160297.32	558672.7	4160297.32	WRKR_776	2.36E-03	3.76E-05
558672.684160307.32	558672.7	4160307.32	WRKR_777	2.51E-03	3.83E-05
558672.684160317.32	558672.7	4160317.32	WRKR_778	2.67E-03	3.91E-05
558672.684160327.32	558672.7	4160327.32	WRKR_779	2.85E-03	4.00E-05
558672.684160337.32	558672.7	4160337.32	WRKR_780	3.04E-03	4.14E-05
558543.584160290.65	558543.6	4160290.65	WRKR_781	2.11E-03	1.40E-05
558553.584160300.65	558553.6	4160300.65	WRKR_782	2.24E-03	1.54E-05
558553.584160310.65	558553.6	4160310.65	WRKR_783	2.38E-03	1.61E-05
558553.584160320.65	558553.6	4160320.65	WRKR_784	2.54E-03	1.70E-05
558553.584160330.65	558553.6	4160330.65	WRKR_785	2.72E-03	1.78E-05
558563.584160300.65	558563.6	4160300.65	WRKR_786	2.25E-03	1.63E-05
558563.584160310.65	558563.6	4160310.65	WRKR_787	2.39E-03	1.71E-05
558563.584160320.65	558563.6	4160320.65	WRKR_788	2.55E-03	1.79E-05
558563.584160330.65	558563.6	4160330.65	WRKR_789	2.73E-03	1.89E-05
558573.584160300.65	558573.6	4160300.65	WRKR_790	2.26E-03	1.72E-05
558573.584160310.65	558573.6	4160310.65	WRKR_791	2.41E-03	1.80E-05
558573.584160320.65	558573.6	4160320.65	WRKR_792	2.57E-03	1.89E-05
558573.584160330.65	558573.6	4160330.65	WRKR_793	2.75E-03	2.00E-05
558583.584160300.65	558583.6	4160300.65	WRKR_794	2.27E-03	1.82E-05
558583.584160310.65	558583.6	4160310.65	WRKR_795	2.42E-03	1.90E-05
558583.584160320.65	558583.6	4160320.65	WRKR_796	2.58E-03	2.00E-05
558583.584160330.65	558583.6	4160330.65	WRKR_797	2.77E-03	2.11E-05
558593.584160330.65	558593.6	4160330.65	WRKR_798	2.78E-03	2.24E-05
558455.354160303.56	558455.4	4160303.56	WRKR_799	2.39E-03	9.45E-06
558455.354160313.56	558455.4	4160313.56	WRKR_800	2.52E-03	9.78E-06
558455.354160323.56	558455.4	4160323.56	WRKR_801	2.66E-03	1.01E-05
558455.354160333.56	558455.4	4160333.56	WRKR_802	2.82E-03	1.05E-05
558455.354160343.56	558455.4	4160343.56	WRKR_803	3.00E-03	1.09E-05
558465.354160303.56	558465.4	4160303.56	WRKR_804	2.36E-03	9.91E-06

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
558465.354160313.56	558465.4	4160313.56	WRKR_805	2.49E-03	1.03E-05
558465.354160323.56	558465.4	4160323.56	WRKR_806	2.63E-03	1.06E-05
558465.354160333.56	558465.4	4160333.56	WRKR_807	2.79E-03	1.10E-05
558465.354160343.56	558465.4	4160343.56	WRKR_808	2.97E-03	1.15E-05
558475.354160303.56	558475.4	4160303.56	WRKR_809	2.33E-03	1.04E-05
558475.354160313.56	558475.4	4160313.56	WRKR_810	2.46E-03	1.08E-05
558475.354160323.56	558475.4	4160323.56	WRKR_811	2.61E-03	1.12E-05
558475.354160333.56	558475.4	4160333.56	WRKR_812	2.77E-03	1.16E-05
558475.354160343.56	558475.4	4160343.56	WRKR_813	2.95E-03	1.21E-05
558485.354160303.56	558485.4	4160303.56	WRKR_814	2.31E-03	1.09E-05
558485.354160313.56	558485.4	4160313.56	WRKR_815	2.44E-03	1.13E-05
558485.354160323.56	558485.4	4160323.56	WRKR_816	2.59E-03	1.18E-05
558485.354160333.56	558485.4	4160333.56	WRKR_817	2.76E-03	1.23E-05
558485.354160343.56	558485.4	4160343.56	WRKR_818	2.94E-03	1.28E-05
558495.354160303.56	558495.4	4160303.56	WRKR_819	2.30E-03	1.15E-05
558495.354160313.56	558495.4	4160313.56	WRKR_820	2.43E-03	1.20E-05
558495.354160323.56	558495.4	4160323.56	WRKR_821	2.58E-03	1.24E-05
558495.354160333.56	558495.4	4160333.56	WRKR_822	2.75E-03	1.30E-05
558495.354160343.56	558495.4	4160343.56	WRKR_823	2.93E-03	1.35E-05
558505.354160303.56	558505.4	4160303.56	WRKR_824	2.28E-03	1.21E-05
558505.354160313.56	558505.4	4160313.56	WRKR_825	2.42E-03	1.26E-05
558505.354160323.56	558505.4	4160323.56	WRKR_826	2.57E-03	1.31E-05
558505.354160333.56	558505.4	4160333.56	WRKR_827	2.74E-03	1.37E-05
558515.354160303.56	558515.4	4160303.56	WRKR_828	2.28E-03	1.28E-05
558515.354160313.56	558515.4	4160313.56	WRKR_829	2.42E-03	1.33E-05
558515.354160323.56	558515.4	4160323.56	WRKR_830	2.57E-03	1.39E-05
558515.354160333.56	558515.4	4160333.56	WRKR_831	2.74E-03	1.45E-05
558525.354160303.56	558525.4	4160303.56	WRKR_832	2.27E-03	1.34E-05
558525.354160313.56	558525.4	4160313.56	WRKR_833	2.41E-03	1.40E-05
558525.354160323.56	558525.4	4160323.56	WRKR_834	2.57E-03	1.47E-05
558525.354160333.56	558525.4	4160333.56	WRKR_835	2.74E-03	1.54E-05
558535.354160303.56	558535.4	4160303.56	WRKR_836	2.27E-03	1.42E-05
558535.354160313.56	558535.4	4160313.56	WRKR_837	2.42E-03	1.48E-05
558535.354160323.56	558535.4	4160323.56	WRKR_838	2.57E-03	1.55E-05
558535.354160333.56	558535.4	4160333.56	WRKR_839	2.75E-03	1.63E-05
558616.674160229.97	558616.7	4160229.97	WRKR_840	1.54E-03	1.72E-05
558616.674160239.97	558616.7	4160239.97	WRKR_841	1.62E-03	1.79E-05
558616.674160249.97	558616.7	4160249.97	WRKR_842	1.71E-03	1.86E-05
558626.674160229.97	558626.7	4160229.97	WRKR_843	1.54E-03	1.87E-05
558626.674160239.97	558626.7	4160239.97	WRKR_844	1.63E-03	1.94E-05
558626.674160249.97	558626.7	4160249.97	WRKR_845	1.72E-03	2.02E-05
558636.674160229.97	558636.7	4160229.97	WRKR_846	1.55E-03	2.05E-05
558636.674160239.97	558636.7	4160239.97	WRKR_847	1.64E-03	2.14E-05
558636.674160249.97	558636.7	4160249.97	WRKR_848	1.74E-03	2.22E-05
558646.674160229.97	558646.7	4160229.97	WRKR_849	1.56E-03	2.27E-05
558646.674160239.97	558646.7	4160239.97	WRKR_850	1.65E-03	2.37E-05
558646.674160249.97	558646.7	4160249.97	WRKR_851	1.75E-03	2.47E-05
558656.674160229.97	558656.7	4160229.97	WRKR_852	1.57E-03	2.56E-05
558656.674160239.97	558656.7	4160239.97	WRKR_853	1.66E-03	2.67E-05
558666.674160229.97	558666.7	4160229.97	WRKR_854	1.59E-03	2.91E-05
558666.674160239.97	558666.7	4160239.97	WRKR_855	1.68E-03	3.05E-05
558676.674160229.97	558676.7	4160229.97	WRKR_856	1.60E-03	3.37E-05
558676.674160239.97	558676.7	4160239.97	WRKR_857	1.69E-03	3.54E-05
558686.674160229.97	558686.7	4160229.97	WRKR_858	1.61E-03	3.97E-05
558686.674160239.97	558686.7	4160239.97	WRKR_859	1.71E-03	4.18E-05
558696.674160229.97	558696.7	4160229.97	WRKR_860	1.63E-03	4.78E-05
558696.674160239.97	558696.7	4160239.97	WRKR_861	1.72E-03	5.06E-05
558706.674160229.97	558706.7	4160229.97	WRKR_862	1.64E-03	5.89E-05
558706.674160239.97	558706.7	4160239.97	WRKR_863	1.74E-03	6.27E-05
558716.674160229.97	558716.7	4160229.97	WRKR_864	1.66E-03	7.42E-05
558716.674160239.97	558716.7	4160239.97	WRKR_865	1.75E-03	5.78E-05
558420.214160235.8	558420.2	4160235.8	WRKR_866	1.87E-03	6.56E-06
558420.214160245.8	558420.2	4160245.8	WRKR_867	1.95E-03	6.76E-06

Worker CONCENTRATIONS & DOSE

				S	X
				16<30	
				Project Concentrations (µg/m^3)	
XY	X	Y	Type	OFFROAD	ONROAD
558420.214160255.8	558420.2	4160255.8	WRKR_868	2.03E-03	6.97E-06
558430.214160235.8	558430.2	4160235.8	WRKR_869	1.83E-03	6.82E-06
558430.214160245.8	558430.2	4160245.8	WRKR_870	1.91E-03	7.03E-06
558430.214160255.8	558430.2	4160255.8	WRKR_871	1.99E-03	7.25E-06
558440.214160235.8	558440.2	4160235.8	WRKR_872	1.80E-03	7.10E-06
558440.214160245.8	558440.2	4160245.8	WRKR_873	1.87E-03	7.32E-06
558440.214160255.8	558440.2	4160255.8	WRKR_874	1.95E-03	7.55E-06
558450.214160235.8	558450.2	4160235.8	WRKR_875	1.76E-03	7.38E-06
558450.214160245.8	558450.2	4160245.8	WRKR_876	1.84E-03	7.61E-06
558450.214160255.8	558450.2	4160255.8	WRKR_877	1.92E-03	7.86E-06
558460.214160235.8	558460.2	4160235.8	WRKR_878	1.73E-03	7.67E-06
558460.214160245.8	558460.2	4160245.8	WRKR_879	1.81E-03	7.92E-06
558460.214160255.8	558460.2	4160255.8	WRKR_880	1.89E-03	8.20E-06
558470.214160235.8	558470.2	4160235.8	WRKR_881	1.71E-03	7.99E-06
558470.214160245.8	558470.2	4160245.8	WRKR_882	1.78E-03	8.26E-06
558470.214160255.8	558470.2	4160255.8	WRKR_883	1.86E-03	8.56E-06
558480.214160235.8	558480.2	4160235.8	WRKR_884	1.68E-03	8.34E-06
558480.214160245.8	558480.2	4160245.8	WRKR_885	1.75E-03	8.63E-06
558480.214160255.8	558480.2	4160255.8	WRKR_886	1.83E-03	8.95E-06
558490.214160235.8	558490.2	4160235.8	WRKR_887	1.66E-03	8.71E-06
558490.214160245.8	558490.2	4160245.8	WRKR_888	1.73E-03	9.00E-06
558490.214160255.8	558490.2	4160255.8	WRKR_889	1.81E-03	9.35E-06
558500.214160235.8	558500.2	4160235.8	WRKR_890	1.64E-03	9.12E-06
558500.214160245.8	558500.2	4160245.8	WRKR_891	1.71E-03	9.45E-06
558500.214160255.8	558500.2	4160255.8	WRKR_892	1.79E-03	9.81E-06
558510.214160235.8	558510.2	4160235.8	WRKR_893	1.62E-03	9.55E-06
558510.214160245.8	558510.2	4160245.8	WRKR_894	1.70E-03	9.92E-06
558510.214160255.8	558510.2	4160255.8	WRKR_895	1.78E-03	1.03E-05
558520.214160235.8	558520.2	4160235.8	WRKR_896	1.61E-03	1.00E-05
558520.214160245.8	558520.2	4160245.8	WRKR_897	1.68E-03	1.04E-05
558520.214160255.8	558520.2	4160255.8	WRKR_898	1.76E-03	1.08E-05
558530.214160235.8	558530.2	4160235.8	WRKR_899	1.60E-03	1.05E-05
558530.214160245.8	558530.2	4160245.8	WRKR_900	1.67E-03	1.09E-05
558530.214160255.8	558530.2	4160255.8	WRKR_901	1.75E-03	1.13E-05
558540.214160235.8	558540.2	4160235.8	WRKR_902	1.59E-03	1.10E-05
558540.214160245.8	558540.2	4160245.8	WRKR_903	1.66E-03	1.14E-05
558540.214160255.8	558540.2	4160255.8	WRKR_904	1.75E-03	1.19E-05
558550.214160235.8	558550.2	4160235.8	WRKR_905	1.58E-03	1.16E-05
558550.214160245.8	558550.2	4160245.8	WRKR_906	1.66E-03	1.20E-05
558550.214160255.8	558550.2	4160255.8	WRKR_907	1.74E-03	1.25E-05
558560.214160235.8	558560.2	4160235.8	WRKR_908	1.57E-03	1.22E-05
558560.214160245.8	558560.2	4160245.8	WRKR_909	1.65E-03	1.27E-05
558560.214160255.8	558560.2	4160255.8	WRKR_910	1.74E-03	1.33E-05
558570.214160235.8	558570.2	4160235.8	WRKR_911	1.57E-03	1.29E-05
558570.214160245.8	558570.2	4160245.8	WRKR_912	1.65E-03	1.34E-05
558570.214160255.8	558570.2	4160255.8	WRKR_913	1.74E-03	1.39E-05
558580.214160235.8	558580.2	4160235.8	WRKR_914	1.57E-03	1.36E-05
558580.214160245.8	558580.2	4160245.8	WRKR_915	1.65E-03	1.42E-05
558590.214160235.8	558590.2	4160235.8	WRKR_916	1.57E-03	1.45E-05
558590.214160245.8	558590.2	4160245.8	WRKR_917	1.66E-03	1.51E-05
558600.214160245.8	558600.2	4160245.8	WRKR_918	1.66E-03	1.62E-05

Worker CONCENTRATIONS & DOSE

XY	X	Y
557996.384160720.52	557996.4	4160720.52
557996.384160730.52	557996.4	4160730.52
557996.384160740.52	557996.4	4160740.52
558006.384160710.52	558006.4	4160710.52
558006.384160720.52	558006.4	4160720.52
558006.384160730.52	558006.4	4160730.52
558006.384160740.52	558006.4	4160740.52
558016.384160710.52	558016.4	4160710.52
558016.384160720.52	558016.4	4160720.52
558016.384160730.52	558016.4	4160730.52
558016.384160740.52	558016.4	4160740.52
558026.384160710.52	558026.4	4160710.52
558026.384160720.52	558026.4	4160720.52
558026.384160730.52	558026.4	4160730.52
558026.384160740.52	558026.4	4160740.52
558277.534160581.24	558277.5	4160581.24
558277.534160591.24	558277.5	4160591.24
558287.534160581.24	558287.5	4160581.24
558287.534160591.24	558287.5	4160591.24
558297.534160581.24	558297.5	4160581.24
558297.534160591.24	558297.5	4160591.24
558307.534160581.24	558307.5	4160581.24
558307.534160591.24	558307.5	4160591.24
558317.534160581.24	558317.5	4160581.24
558317.534160591.24	558317.5	4160591.24
558327.534160581.24	558327.5	4160581.24
558327.534160591.24	558327.5	4160591.24
558337.534160581.24	558337.5	4160581.24
558101.054160547.13	558101.1	4160547.13
558101.054160557.13	558101.1	4160557.13
558111.054160547.13	558111.1	4160547.13
558111.054160557.13	558111.1	4160557.13
558111.054160567.13	558111.1	4160567.13
558121.054160537.13	558121.1	4160537.13
558121.054160547.13	558121.1	4160547.13
558121.054160557.13	558121.1	4160557.13
558121.054160567.13	558121.1	4160567.13
558121.054160577.13	558121.1	4160577.13
558121.054160587.13	558121.1	4160587.13
558131.054160527.13	558131.1	4160527.13
558131.054160537.13	558131.1	4160537.13
558131.054160547.13	558131.1	4160547.13
558131.054160557.13	558131.1	4160557.13
558131.054160567.13	558131.1	4160567.13
558131.054160577.13	558131.1	4160577.13
558131.054160587.13	558131.1	4160587.13
558131.054160597.13	558131.1	4160597.13
558141.054160527.13	558141.1	4160527.13

Worker CONCENTRATIONS & DOSE

XY	X	Y
558141.054160537.13	558141.1	4160537.13
558141.054160547.13	558141.1	4160547.13
558141.054160557.13	558141.1	4160557.13
558141.054160567.13	558141.1	4160567.13
558141.054160577.13	558141.1	4160577.13
558141.054160587.13	558141.1	4160587.13
558141.054160597.13	558141.1	4160597.13
558141.054160607.13	558141.1	4160607.13
558151.054160537.13	558151.1	4160537.13
558151.054160547.13	558151.1	4160547.13
558151.054160557.13	558151.1	4160557.13
558151.054160567.13	558151.1	4160567.13
558151.054160577.13	558151.1	4160577.13
558151.054160587.13	558151.1	4160587.13
558151.054160597.13	558151.1	4160597.13
558151.054160607.13	558151.1	4160607.13
558151.054160617.13	558151.1	4160617.13
558161.054160547.13	558161.1	4160547.13
558161.054160557.13	558161.1	4160557.13
558161.054160567.13	558161.1	4160567.13
558161.054160577.13	558161.1	4160577.13
558161.054160587.13	558161.1	4160587.13
558161.054160597.13	558161.1	4160597.13
558161.054160607.13	558161.1	4160607.13
558171.054160557.13	558171.1	4160557.13
558171.054160567.13	558171.1	4160567.13
558171.054160577.13	558171.1	4160577.13
558171.054160587.13	558171.1	4160587.13
558171.054160597.13	558171.1	4160597.13
558181.054160567.13	558181.1	4160567.13
558181.054160577.13	558181.1	4160577.13
558181.054160587.13	558181.1	4160587.13
558191.054160577.13	558191.1	4160577.13
558368.544160582.33	558368.5	4160582.33
558378.544160582.33	558378.5	4160582.33
558378.544160592.33	558378.5	4160592.33
558378.544160602.33	558378.5	4160602.33
558378.544160612.33	558378.5	4160612.33
558388.544160582.33	558388.5	4160582.33
558388.544160592.33	558388.5	4160592.33
558388.544160602.33	558388.5	4160602.33
558388.544160612.33	558388.5	4160612.33
558398.544160582.33	558398.5	4160582.33
558398.544160592.33	558398.5	4160592.33
558398.544160602.33	558398.5	4160602.33
558398.544160612.33	558398.5	4160612.33
558186.784160496.28	558186.8	4160496.28
558186.784160506.28	558186.8	4160506.28
558196.784160496.28	558196.8	4160496.28
558196.784160506.28	558196.8	4160506.28
558196.784160516.28	558196.8	4160516.28
558196.784160526.28	558196.8	4160526.28
558206.784160506.28	558206.8	4160506.28
558206.784160516.28	558206.8	4160516.28
558206.784160526.28	558206.8	4160526.28
558206.784160536.28	558206.8	4160536.28
558216.784160516.28	558216.8	4160516.28
558216.784160526.28	558216.8	4160526.28
558216.784160536.28	558216.8	4160536.28
558216.784160546.28	558216.8	4160546.28
558226.784160526.28	558226.8	4160526.28
558226.784160536.28	558226.8	4160536.28
558226.784160546.28	558226.8	4160546.28

Worker CONCENTRATIONS & DOSE

XY	X	Y
558236.784160536.28	558236.8	4160536.28
558115.174160402.59	558115.2	4160402.59
558115.174160412.59	558115.2	4160412.59
558115.174160422.59	558115.2	4160422.59
558115.174160432.59	558115.2	4160432.59
558115.174160442.59	558115.2	4160442.59
558125.174160392.59	558125.2	4160392.59
558125.174160402.59	558125.2	4160402.59
558125.174160412.59	558125.2	4160412.59
558125.174160422.59	558125.2	4160422.59
558125.174160432.59	558125.2	4160432.59
558125.174160442.59	558125.2	4160442.59
558135.174160372.59	558135.2	4160372.59
558135.174160382.59	558135.2	4160382.59
558135.174160392.59	558135.2	4160392.59
558135.174160402.59	558135.2	4160402.59
558135.174160412.59	558135.2	4160412.59
558135.174160422.59	558135.2	4160422.59
558135.174160432.59	558135.2	4160432.59
558135.174160442.59	558135.2	4160442.59
558145.174160372.59	558145.2	4160372.59
558145.174160382.59	558145.2	4160382.59
558145.174160392.59	558145.2	4160392.59
558145.174160402.59	558145.2	4160402.59
558145.174160412.59	558145.2	4160412.59
558145.174160422.59	558145.2	4160422.59
558145.174160432.59	558145.2	4160432.59
558145.174160442.59	558145.2	4160442.59
558155.174160372.59	558155.2	4160372.59
558155.174160382.59	558155.2	4160382.59
558155.174160372.59	558155.2	4160372.59
558155.174160382.59	558155.2	4160382.59
558155.174160392.59	558155.2	4160392.59
558155.174160402.59	558155.2	4160402.59
558155.174160412.59	558155.2	4160412.59
558155.174160422.59	558155.2	4160422.59
558155.174160432.59	558155.2	4160432.59
558155.174160442.59	558155.2	4160442.59
558165.174160362.59	558165.2	4160362.59
558165.174160372.59	558165.2	4160372.59
558165.174160382.59	558165.2	4160382.59
558165.174160392.59	558165.2	4160392.59
558165.174160402.59	558165.2	4160402.59
558165.174160412.59	558165.2	4160412.59
558165.174160422.59	558165.2	4160422.59
558165.174160432.59	558165.2	4160432.59
558175.174160362.59	558175.2	4160362.59
558175.174160372.59	558175.2	4160372.59
558175.174160382.59	558175.2	4160382.59
558175.174160392.59	558175.2	4160392.59
558175.174160402.59	558175.2	4160402.59
558175.174160412.59	558175.2	4160412.59
558175.174160422.59	558175.2	4160422.59
558185.174160362.59	558185.2	4160362.59
558185.174160372.59	558185.2	4160372.59
558185.174160382.59	558185.2	4160382.59
558185.174160392.59	558185.2	4160392.59
558185.174160402.59	558185.2	4160402.59
558185.174160412.59	558185.2	4160412.59
558185.174160422.59	558185.2	4160422.59
558185.174160432.59	558185.2	4160432.59
558185.174160442.59	558185.2	4160442.59
558195.174160362.59	558195.2	4160362.59
558195.174160372.59	558195.2	4160372.59
558195.174160382.59	558195.2	4160382.59

Worker CONCENTRATIONS & DOSE

XY	X	Y
558195.174160392.59	558195.2	4160392.59
558195.174160402.59	558195.2	4160402.59
558195.174160412.59	558195.2	4160412.59
558195.174160422.59	558195.2	4160422.59
558195.174160432.59	558195.2	4160432.59
558195.174160442.59	558195.2	4160442.59
558195.174160452.59	558195.2	4160452.59
558205.174160362.59	558205.2	4160362.59
558205.174160372.59	558205.2	4160372.59
558205.174160382.59	558205.2	4160382.59
558205.174160392.59	558205.2	4160392.59
558205.174160402.59	558205.2	4160402.59
558205.174160412.59	558205.2	4160412.59
558205.174160422.59	558205.2	4160422.59
558205.174160432.59	558205.2	4160432.59
558205.174160442.59	558205.2	4160442.59
558205.174160452.59	558205.2	4160452.59
558205.174160462.59	558205.2	4160462.59
558215.174160362.59	558215.2	4160362.59
558215.174160372.59	558215.2	4160372.59
558215.174160382.59	558215.2	4160382.59
558215.174160392.59	558215.2	4160392.59
558215.174160402.59	558215.2	4160402.59
558215.174160412.59	558215.2	4160412.59
558215.174160422.59	558215.2	4160422.59
558215.174160432.59	558215.2	4160432.59
558215.174160442.59	558215.2	4160442.59
558215.174160452.59	558215.2	4160452.59
558215.174160462.59	558215.2	4160462.59
558215.174160472.59	558215.2	4160472.59
558225.174160362.59	558225.2	4160362.59
558225.174160372.59	558225.2	4160372.59
558225.174160382.59	558225.2	4160382.59
558225.174160392.59	558225.2	4160392.59
558225.174160402.59	558225.2	4160402.59
558225.174160412.59	558225.2	4160412.59
558225.174160422.59	558225.2	4160422.59
558225.174160432.59	558225.2	4160432.59
558225.174160442.59	558225.2	4160442.59
558225.174160452.59	558225.2	4160452.59
558225.174160462.59	558225.2	4160462.59
558225.174160472.59	558225.2	4160472.59
558225.174160482.59	558225.2	4160482.59
558235.174160362.59	558235.2	4160362.59
558235.174160372.59	558235.2	4160372.59
558235.174160382.59	558235.2	4160382.59
558235.174160392.59	558235.2	4160392.59
558235.174160402.59	558235.2	4160402.59
558235.174160412.59	558235.2	4160412.59
558235.174160422.59	558235.2	4160422.59
558235.174160432.59	558235.2	4160432.59
558235.174160442.59	558235.2	4160442.59
558235.174160452.59	558235.2	4160452.59
558235.174160462.59	558235.2	4160462.59
558235.174160472.59	558235.2	4160472.59
558235.174160482.59	558235.2	4160482.59
558235.174160492.59	558235.2	4160492.59
558245.174160362.59	558245.2	4160362.59
558245.174160372.59	558245.2	4160372.59
558245.174160382.59	558245.2	4160382.59
558245.174160392.59	558245.2	4160392.59
558245.174160402.59	558245.2	4160402.59
558245.174160412.59	558245.2	4160412.59

Worker CONCENTRATIONS & DOSE

XY	X	Y
558245.174160422.59	558245.2	4160422.59
558245.174160432.59	558245.2	4160432.59
558245.174160442.59	558245.2	4160442.59
558245.174160452.59	558245.2	4160452.59
558245.174160462.59	558245.2	4160462.59
558245.174160472.59	558245.2	4160472.59
558245.174160482.59	558245.2	4160482.59
558245.174160492.59	558245.2	4160492.59
558245.174160502.59	558245.2	4160502.59
558255.174160362.59	558255.2	4160362.59
558255.174160372.59	558255.2	4160372.59
558255.174160382.59	558255.2	4160382.59
558255.174160392.59	558255.2	4160392.59
558255.174160402.59	558255.2	4160402.59
558255.174160412.59	558255.2	4160412.59
558255.174160422.59	558255.2	4160422.59
558255.174160432.59	558255.2	4160432.59
558255.174160442.59	558255.2	4160442.59
558255.174160452.59	558255.2	4160452.59
558255.174160462.59	558255.2	4160462.59
558255.174160472.59	558255.2	4160472.59
558255.174160482.59	558255.2	4160482.59
558255.174160492.59	558255.2	4160492.59
558255.174160502.59	558255.2	4160502.59
558255.174160512.59	558255.2	4160512.59
558265.174160362.59	558265.2	4160362.59
558265.174160372.59	558265.2	4160372.59
558265.174160382.59	558265.2	4160382.59
558265.174160392.59	558265.2	4160392.59
558265.174160402.59	558265.2	4160402.59
558265.174160412.59	558265.2	4160412.59
558265.174160422.59	558265.2	4160422.59
558265.174160432.59	558265.2	4160432.59
558265.174160442.59	558265.2	4160442.59
558265.174160452.59	558265.2	4160452.59
558265.174160462.59	558265.2	4160462.59
558265.174160472.59	558265.2	4160472.59
558265.174160482.59	558265.2	4160482.59
558265.174160492.59	558265.2	4160492.59
558265.174160502.59	558265.2	4160502.59
558265.174160512.59	558265.2	4160512.59
558265.174160522.59	558265.2	4160522.59
558275.174160362.59	558275.2	4160362.59
558275.174160372.59	558275.2	4160372.59
558275.174160382.59	558275.2	4160382.59
558275.174160392.59	558275.2	4160392.59
558275.174160402.59	558275.2	4160402.59
558275.174160412.59	558275.2	4160412.59
558275.174160422.59	558275.2	4160422.59
558275.174160432.59	558275.2	4160432.59
558275.174160442.59	558275.2	4160442.59
558275.174160452.59	558275.2	4160452.59
558275.174160462.59	558275.2	4160462.59
558275.174160472.59	558275.2	4160472.59
558275.174160482.59	558275.2	4160482.59
558275.174160492.59	558275.2	4160492.59
558275.174160502.59	558275.2	4160502.59
558275.174160512.59	558275.2	4160512.59
558275.174160522.59	558275.2	4160522.59
558275.174160532.59	558275.2	4160532.59
558285.174160362.59	558285.2	4160362.59
558285.174160372.59	558285.2	4160372.59
558285.174160382.59	558285.2	4160382.59

Worker CONCENTRATIONS & DOSE

XY	X	Y
558285.174160392.59	558285.2	4160392.59
558285.174160402.59	558285.2	4160402.59
558285.174160412.59	558285.2	4160412.59
558285.174160422.59	558285.2	4160422.59
558285.174160432.59	558285.2	4160432.59
558285.174160442.59	558285.2	4160442.59
558285.174160452.59	558285.2	4160452.59
558285.174160462.59	558285.2	4160462.59
558285.174160472.59	558285.2	4160472.59
558285.174160482.59	558285.2	4160482.59
558285.174160492.59	558285.2	4160492.59
558285.174160502.59	558285.2	4160502.59
558285.174160512.59	558285.2	4160512.59
558285.174160522.59	558285.2	4160522.59
558285.174160532.59	558285.2	4160532.59
558295.174160362.59	558295.2	4160362.59
558295.174160372.59	558295.2	4160372.59
558295.174160382.59	558295.2	4160382.59
558295.174160392.59	558295.2	4160392.59
558295.174160402.59	558295.2	4160402.59
558295.174160412.59	558295.2	4160412.59
558295.174160422.59	558295.2	4160422.59
558295.174160432.59	558295.2	4160432.59
558295.174160442.59	558295.2	4160442.59
558295.174160452.59	558295.2	4160452.59
558295.174160462.59	558295.2	4160462.59
558295.174160472.59	558295.2	4160472.59
558295.174160482.59	558295.2	4160482.59
558295.174160492.59	558295.2	4160492.59
558295.174160502.59	558295.2	4160502.59
558295.174160512.59	558295.2	4160512.59
558295.174160522.59	558295.2	4160522.59
558295.174160532.59	558295.2	4160532.59
558305.174160362.59	558305.2	4160362.59
558305.174160372.59	558305.2	4160372.59
558305.174160382.59	558305.2	4160382.59
558305.174160392.59	558305.2	4160392.59
558305.174160402.59	558305.2	4160402.59
558305.174160412.59	558305.2	4160412.59
558305.174160422.59	558305.2	4160422.59
558305.174160432.59	558305.2	4160432.59
558305.174160442.59	558305.2	4160442.59
558305.174160452.59	558305.2	4160452.59
558305.174160462.59	558305.2	4160462.59
558305.174160472.59	558305.2	4160472.59
558305.174160482.59	558305.2	4160482.59
558305.174160492.59	558305.2	4160492.59
558305.174160502.59	558305.2	4160502.59
558305.174160512.59	558305.2	4160512.59
558305.174160522.59	558305.2	4160522.59
558305.174160532.59	558305.2	4160532.59
558315.174160362.59	558315.2	4160362.59
558315.174160372.59	558315.2	4160372.59
558315.174160382.59	558315.2	4160382.59
558315.174160392.59	558315.2	4160392.59
558315.174160402.59	558315.2	4160402.59
558315.174160412.59	558315.2	4160412.59
558315.174160422.59	558315.2	4160422.59
558315.174160432.59	558315.2	4160432.59
558315.174160442.59	558315.2	4160442.59
558315.174160452.59	558315.2	4160452.59
558315.174160462.59	558315.2	4160462.59
558315.174160472.59	558315.2	4160472.59

Worker CONCENTRATIONS & DOSE

XY	X	Y
558315.174160482.59	558315.2	4160482.59
558315.174160492.59	558315.2	4160492.59
558315.174160502.59	558315.2	4160502.59
558315.174160512.59	558315.2	4160512.59
558315.174160522.59	558315.2	4160522.59
558315.174160532.59	558315.2	4160532.59
558325.174160362.59	558325.2	4160362.59
558325.174160372.59	558325.2	4160372.59
558325.174160382.59	558325.2	4160382.59
558325.174160392.59	558325.2	4160392.59
558325.174160402.59	558325.2	4160402.59
558325.174160412.59	558325.2	4160412.59
558325.174160422.59	558325.2	4160422.59
558325.174160432.59	558325.2	4160432.59
558325.174160442.59	558325.2	4160442.59
558325.174160452.59	558325.2	4160452.59
558325.174160462.59	558325.2	4160462.59
558325.174160472.59	558325.2	4160472.59
558325.174160482.59	558325.2	4160482.59
558325.174160492.59	558325.2	4160492.59
558325.174160502.59	558325.2	4160502.59
558325.174160512.59	558325.2	4160512.59
558325.174160522.59	558325.2	4160522.59
558325.174160532.59	558325.2	4160532.59
558335.174160362.59	558335.2	4160362.59
558335.174160372.59	558335.2	4160372.59
558335.174160382.59	558335.2	4160382.59
558335.174160392.59	558335.2	4160392.59
558335.174160402.59	558335.2	4160402.59
558335.174160412.59	558335.2	4160412.59
558335.174160422.59	558335.2	4160422.59
558335.174160432.59	558335.2	4160432.59
558335.174160442.59	558335.2	4160442.59
558335.174160452.59	558335.2	4160452.59
558335.174160462.59	558335.2	4160462.59
558335.174160472.59	558335.2	4160472.59
558335.174160482.59	558335.2	4160482.59
558335.174160492.59	558335.2	4160492.59
558335.174160502.59	558335.2	4160502.59
558335.174160512.59	558335.2	4160512.59
558335.174160522.59	558335.2	4160522.59
558335.174160532.59	558335.2	4160532.59
558345.174160362.59	558345.2	4160362.59
558345.174160372.59	558345.2	4160372.59
558345.174160382.59	558345.2	4160382.59
558345.174160392.59	558345.2	4160392.59
558345.174160402.59	558345.2	4160402.59
558345.174160412.59	558345.2	4160412.59
558345.174160422.59	558345.2	4160422.59
558345.174160432.59	558345.2	4160432.59
558345.174160442.59	558345.2	4160442.59
558345.174160452.59	558345.2	4160452.59
558345.174160462.59	558345.2	4160462.59
558345.174160472.59	558345.2	4160472.59
558345.174160482.59	558345.2	4160482.59
558345.174160492.59	558345.2	4160492.59
558345.174160502.59	558345.2	4160502.59
558345.174160512.59	558345.2	4160512.59
558345.174160522.59	558345.2	4160522.59
558345.174160532.59	558345.2	4160532.59
558355.174160362.59	558355.2	4160362.59
558355.174160372.59	558355.2	4160372.59
558355.174160382.59	558355.2	4160382.59

Worker CONCENTRATIONS & DOSE

XY	X	Y
558355.174160392.59	558355.2	4160392.59
558355.174160402.59	558355.2	4160402.59
558355.174160412.59	558355.2	4160412.59
558355.174160422.59	558355.2	4160422.59
558355.174160432.59	558355.2	4160432.59
558355.174160442.59	558355.2	4160442.59
558355.174160452.59	558355.2	4160452.59
558355.174160462.59	558355.2	4160462.59
558355.174160472.59	558355.2	4160472.59
558355.174160482.59	558355.2	4160482.59
558355.174160492.59	558355.2	4160492.59
558355.174160502.59	558355.2	4160502.59
558355.174160512.59	558355.2	4160512.59
558355.174160522.59	558355.2	4160522.59
558355.174160532.59	558355.2	4160532.59
558365.174160362.59	558365.2	4160362.59
558365.174160372.59	558365.2	4160372.59
558365.174160382.59	558365.2	4160382.59
558365.174160392.59	558365.2	4160392.59
558365.174160402.59	558365.2	4160402.59
558365.174160412.59	558365.2	4160412.59
558365.174160422.59	558365.2	4160422.59
558365.174160432.59	558365.2	4160432.59
558365.174160442.59	558365.2	4160442.59
558365.174160452.59	558365.2	4160452.59
558365.174160462.59	558365.2	4160462.59
558365.174160472.59	558365.2	4160472.59
558365.174160482.59	558365.2	4160482.59
558365.174160492.59	558365.2	4160492.59
558365.174160502.59	558365.2	4160502.59
558365.174160512.59	558365.2	4160512.59
558365.174160522.59	558365.2	4160522.59
558365.174160532.59	558365.2	4160532.59
558375.174160362.59	558375.2	4160362.59
558375.174160372.59	558375.2	4160372.59
558375.174160382.59	558375.2	4160382.59
558375.174160392.59	558375.2	4160392.59
558375.174160402.59	558375.2	4160402.59
558375.174160412.59	558375.2	4160412.59
558375.174160422.59	558375.2	4160422.59
558375.174160432.59	558375.2	4160432.59
558375.174160442.59	558375.2	4160442.59
558375.174160452.59	558375.2	4160452.59
558375.174160462.59	558375.2	4160462.59
558375.174160472.59	558375.2	4160472.59
558375.174160482.59	558375.2	4160482.59
558375.174160492.59	558375.2	4160492.59
558375.174160502.59	558375.2	4160502.59
558375.174160512.59	558375.2	4160512.59
558375.174160522.59	558375.2	4160522.59
558375.174160532.59	558375.2	4160532.59
558385.174160362.59	558385.2	4160362.59
558385.174160372.59	558385.2	4160372.59
558385.174160382.59	558385.2	4160382.59
558385.174160392.59	558385.2	4160392.59
558385.174160402.59	558385.2	4160402.59
558385.174160412.59	558385.2	4160412.59
558385.174160422.59	558385.2	4160422.59
558385.174160432.59	558385.2	4160432.59
558385.174160442.59	558385.2	4160442.59
558385.174160452.59	558385.2	4160452.59
558385.174160462.59	558385.2	4160462.59
558385.174160472.59	558385.2	4160472.59

Worker CONCENTRATIONS & DOSE

XY	X	Y
558385.174160482.59	558385.2	4160482.59
558385.174160492.59	558385.2	4160492.59
558385.174160502.59	558385.2	4160502.59
558385.174160512.59	558385.2	4160512.59
558385.174160522.59	558385.2	4160522.59
558385.174160532.59	558385.2	4160532.59
558395.174160362.59	558395.2	4160362.59
558395.174160372.59	558395.2	4160372.59
558395.174160382.59	558395.2	4160382.59
558395.174160392.59	558395.2	4160392.59
558395.174160402.59	558395.2	4160402.59
558395.174160412.59	558395.2	4160412.59
558395.174160422.59	558395.2	4160422.59
558395.174160432.59	558395.2	4160432.59
558395.174160442.59	558395.2	4160442.59
558395.174160452.59	558395.2	4160452.59
558395.174160462.59	558395.2	4160462.59
558395.174160472.59	558395.2	4160472.59
558395.174160482.59	558395.2	4160482.59
558395.174160492.59	558395.2	4160492.59
558395.174160502.59	558395.2	4160502.59
558395.174160512.59	558395.2	4160512.59
558477.664160568.94	558477.7	4160568.94
558477.664160578.94	558477.7	4160578.94
558477.664160588.94	558477.7	4160588.94
558477.664160598.94	558477.7	4160598.94
558487.664160568.94	558487.7	4160568.94
558487.664160578.94	558487.7	4160578.94
558487.664160588.94	558487.7	4160588.94
558487.664160598.94	558487.7	4160598.94
558487.664160588.94	558487.7	4160588.94
558487.664160598.94	558487.7	4160598.94
558497.664160568.94	558497.7	4160568.94
558497.664160578.94	558497.7	4160578.94
558497.664160588.94	558497.7	4160588.94
558497.664160598.94	558497.7	4160598.94
558507.664160568.94	558507.7	4160568.94
558507.664160578.94	558507.7	4160578.94
558507.664160588.94	558507.7	4160588.94
558507.664160598.94	558507.7	4160598.94
558517.664160568.94	558517.7	4160568.94
558517.664160578.94	558517.7	4160578.94
558517.664160588.94	558517.7	4160588.94
558517.664160598.94	558517.7	4160598.94
558527.664160568.94	558527.7	4160568.94
558527.664160578.94	558527.7	4160578.94
558527.664160588.94	558527.7	4160588.94
558527.664160598.94	558527.7	4160598.94
558537.664160568.94	558537.7	4160568.94
558537.664160578.94	558537.7	4160578.94
558537.664160588.94	558537.7	4160588.94
558537.664160598.94	558537.7	4160598.94
558547.664160568.94	558547.7	4160568.94
558547.664160578.94	558547.7	4160578.94
558547.664160588.94	558547.7	4160588.94
558557.664160568.94	558557.7	4160568.94
558600.644160569.24	558600.6	4160569.24
558600.644160579.24	558600.6	4160579.24
558600.644160589.24	558600.6	4160589.24
558600.644160599.24	558600.6	4160599.24
558610.644160569.24	558610.6	4160569.24
558610.644160579.24	558610.6	4160579.24
558610.644160589.24	558610.6	4160589.24
558610.644160599.24	558610.6	4160599.24
558620.644160569.24	558620.6	4160569.24

Worker CONCENTRATIONS & DOSE

XY	X	Y
558620.644160579.24	558620.6	4160579.24
558620.644160589.24	558620.6	4160589.24
558620.644160599.24	558620.6	4160599.24
558630.644160569.24	558630.6	4160569.24
558630.644160579.24	558630.6	4160579.24
558630.644160589.24	558630.6	4160589.24
558630.644160599.24	558630.6	4160599.24
558640.644160569.24	558640.6	4160569.24
558640.644160579.24	558640.6	4160579.24
558640.644160589.24	558640.6	4160589.24
558640.644160599.24	558640.6	4160599.24
558650.644160569.24	558650.6	4160569.24
558650.644160579.24	558650.6	4160579.24
558650.644160589.24	558650.6	4160589.24
558650.644160599.24	558650.6	4160599.24
558660.644160569.24	558660.6	4160569.24
558660.644160579.24	558660.6	4160579.24
558660.644160589.24	558660.6	4160589.24
558660.644160599.24	558660.6	4160599.24
558670.644160569.24	558670.6	4160569.24
558670.644160579.24	558670.6	4160579.24
558670.644160589.24	558670.6	4160589.24
558495.44160499.48	558495.4	4160499.48
558495.44160509.48	558495.4	4160509.48
558495.44160519.48	558495.4	4160519.48
558495.44160529.48	558495.4	4160529.48
558505.44160499.48	558505.4	4160499.48
558505.44160509.48	558505.4	4160509.48
558505.44160519.48	558505.4	4160519.48
558505.44160529.48	558505.4	4160529.48
558515.44160499.48	558515.4	4160499.48
558515.44160509.48	558515.4	4160509.48
558515.44160519.48	558515.4	4160519.48
558515.44160529.48	558515.4	4160529.48
558525.44160499.48	558525.4	4160499.48
558525.44160509.48	558525.4	4160509.48
558525.44160519.48	558525.4	4160519.48
558525.44160529.48	558525.4	4160529.48
558535.44160499.48	558535.4	4160499.48
558535.44160509.48	558535.4	4160509.48
558535.44160519.48	558535.4	4160519.48
558535.44160529.48	558535.4	4160529.48
558545.44160499.48	558545.4	4160499.48
558545.44160509.48	558545.4	4160509.48
558545.44160519.48	558545.4	4160519.48
558545.44160529.48	558545.4	4160529.48
558555.44160499.48	558555.4	4160499.48
558555.44160509.48	558555.4	4160509.48
558555.44160519.48	558555.4	4160519.48
558555.44160529.48	558555.4	4160529.48
558565.44160499.48	558565.4	4160499.48
558565.44160509.48	558565.4	4160509.48
558565.44160519.48	558565.4	4160519.48
558565.44160529.48	558565.4	4160529.48
558618.984160498.88	558619	4160498.88
558618.984160508.88	558619	4160508.88
558618.984160518.88	558619	4160518.88
558618.984160528.88	558619	4160528.88
558628.984160498.88	558629	4160498.88
558628.984160508.88	558629	4160508.88
558628.984160518.88	558629	4160518.88
558628.984160528.88	558629	4160528.88
558638.984160498.88	558639	4160498.88

Worker CONCENTRATIONS & DOSE

XY	X	Y
558638.984160508.88	558639	4160508.88
558638.984160518.88	558639	4160518.88
558638.984160528.88	558639	4160528.88
558648.984160498.88	558649	4160498.88
558648.984160508.88	558649	4160508.88
558648.984160518.88	558649	4160518.88
558648.984160528.88	558649	4160528.88
558658.984160498.88	558659	4160498.88
558658.984160508.88	558659	4160508.88
558658.984160518.88	558659	4160518.88
558658.984160528.88	558659	4160528.88
558668.984160498.88	558669	4160498.88
558668.984160508.88	558669	4160508.88
558668.984160518.88	558669	4160518.88
558668.984160528.88	558669	4160528.88
558678.984160498.88	558679	4160498.88
558678.984160508.88	558679	4160508.88
558678.984160518.88	558679	4160518.88
558678.984160528.88	558679	4160528.88
558688.984160498.88	558689	4160498.88
558688.984160508.88	558689	4160508.88
558688.984160518.88	558689	4160518.88
558444.414160372.35	558444.4	4160372.35
558454.414160382.35	558454.4	4160382.35
558454.414160392.35	558454.4	4160392.35
558454.414160402.35	558454.4	4160402.35
558464.414160382.35	558464.4	4160382.35
558464.414160392.35	558464.4	4160392.35
558464.414160402.35	558464.4	4160402.35
558474.414160382.35	558474.4	4160382.35
558474.414160392.35	558474.4	4160392.35
558474.414160402.35	558474.4	4160402.35
558484.414160382.35	558484.4	4160382.35
558484.414160392.35	558484.4	4160392.35
558484.414160402.35	558484.4	4160402.35
558494.414160382.35	558494.4	4160382.35
558494.414160392.35	558494.4	4160392.35
558494.414160402.35	558494.4	4160402.35
558504.414160382.35	558504.4	4160382.35
558504.414160392.35	558504.4	4160392.35
558504.414160402.35	558504.4	4160402.35
558514.414160382.35	558514.4	4160382.35
558514.414160392.35	558514.4	4160392.35
558514.414160402.35	558514.4	4160402.35
558524.414160392.35	558524.4	4160392.35
558524.414160402.35	558524.4	4160402.35
558581.824160392.36	558581.8	4160392.36
558581.824160402.36	558581.8	4160402.36
558581.824160412.36	558581.8	4160412.36
558581.824160422.36	558581.8	4160422.36
558591.824160392.36	558591.8	4160392.36
558591.824160402.36	558591.8	4160402.36
558591.824160412.36	558591.8	4160412.36
558591.824160422.36	558591.8	4160422.36
558601.824160382.36	558601.8	4160382.36
558601.824160392.36	558601.8	4160392.36
558601.824160402.36	558601.8	4160402.36
558601.824160412.36	558601.8	4160412.36
558601.824160422.36	558601.8	4160422.36
558611.824160382.36	558611.8	4160382.36
558611.824160392.36	558611.8	4160392.36
558611.824160402.36	558611.8	4160402.36
558611.824160412.36	558611.8	4160412.36

Worker CONCENTRATIONS & DOSE

XY	X	Y
558611.824160422.36	558611.8	4160422.36
558621.824160382.36	558621.8	4160382.36
558621.824160392.36	558621.8	4160392.36
558621.824160402.36	558621.8	4160402.36
558621.824160412.36	558621.8	4160412.36
558621.824160422.36	558621.8	4160422.36
558631.824160382.36	558631.8	4160382.36
558631.824160392.36	558631.8	4160392.36
558631.824160402.36	558631.8	4160402.36
558641.824160382.36	558641.8	4160382.36
558641.824160392.36	558641.8	4160392.36
558641.824160402.36	558641.8	4160402.36
558651.824160382.36	558651.8	4160382.36
558651.824160392.36	558651.8	4160392.36
558651.824160402.36	558651.8	4160402.36
558661.824160382.36	558661.8	4160382.36
558661.824160392.36	558661.8	4160392.36
558661.824160402.36	558661.8	4160402.36
558671.824160362.36	558671.8	4160362.36
558671.824160372.36	558671.8	4160372.36
558671.824160382.36	558671.8	4160382.36
558671.824160392.36	558671.8	4160392.36
558671.824160402.36	558671.8	4160402.36
558681.824160362.36	558681.8	4160362.36
558681.824160372.36	558681.8	4160372.36
558681.824160382.36	558681.8	4160382.36
558681.824160392.36	558681.8	4160392.36
558681.824160402.36	558681.8	4160402.36
558691.824160362.36	558691.8	4160362.36
558691.824160372.36	558691.8	4160372.36
558691.824160382.36	558691.8	4160382.36
558691.824160392.36	558691.8	4160392.36
558691.824160402.36	558691.8	4160402.36
558701.824160362.36	558701.8	4160362.36
558701.824160372.36	558701.8	4160372.36
558701.824160382.36	558701.8	4160382.36
558701.824160392.36	558701.8	4160392.36
558701.824160402.36	558701.8	4160402.36
558711.824160362.36	558711.8	4160362.36
558711.824160372.36	558711.8	4160372.36
558711.824160382.36	558711.8	4160382.36
558711.824160392.36	558711.8	4160392.36
558711.824160402.36	558711.8	4160402.36
558721.824160362.36	558721.8	4160362.36
558721.824160372.36	558721.8	4160372.36
558721.824160382.36	558721.8	4160382.36
558721.824160392.36	558721.8	4160392.36
558721.824160402.36	558721.8	4160402.36
558690.094160295.24	558690.1	4160295.24
558690.094160305.24	558690.1	4160305.24
558690.094160315.24	558690.1	4160315.24
558690.094160325.24	558690.1	4160325.24
558690.094160335.24	558690.1	4160335.24
558700.094160295.24	558700.1	4160295.24
558700.094160305.24	558700.1	4160305.24
558700.094160315.24	558700.1	4160315.24
558700.094160325.24	558700.1	4160325.24
558700.094160335.24	558700.1	4160335.24
558710.094160295.24	558710.1	4160295.24
558710.094160305.24	558710.1	4160305.24
558710.094160315.24	558710.1	4160315.24
558710.094160325.24	558710.1	4160325.24
558710.094160335.24	558710.1	4160335.24

Worker CONCENTRATIONS & DOSE

XY	X	Y
558720.094160295.24	558720.1	4160295.24
558720.094160305.24	558720.1	4160305.24
558720.094160315.24	558720.1	4160315.24
558720.094160325.24	558720.1	4160325.24
558612.684160297.32	558612.7	4160297.32
558612.684160307.32	558612.7	4160307.32
558612.684160317.32	558612.7	4160317.32
558612.684160327.32	558612.7	4160327.32
558612.684160337.32	558612.7	4160337.32
558622.684160297.32	558622.7	4160297.32
558622.684160307.32	558622.7	4160307.32
558622.684160317.32	558622.7	4160317.32
558622.684160327.32	558622.7	4160327.32
558622.684160337.32	558622.7	4160337.32
558632.684160297.32	558632.7	4160297.32
558632.684160307.32	558632.7	4160307.32
558632.684160317.32	558632.7	4160317.32
558632.684160327.32	558632.7	4160327.32
558632.684160337.32	558632.7	4160337.32
558642.684160297.32	558642.7	4160297.32
558642.684160307.32	558642.7	4160307.32
558642.684160317.32	558642.7	4160317.32
558642.684160327.32	558642.7	4160327.32
558642.684160337.32	558642.7	4160337.32
558652.684160297.32	558652.7	4160297.32
558652.684160307.32	558652.7	4160307.32
558652.684160317.32	558652.7	4160317.32
558652.684160327.32	558652.7	4160327.32
558652.684160337.32	558652.7	4160337.32
558662.684160297.32	558662.7	4160297.32
558662.684160307.32	558662.7	4160307.32
558662.684160317.32	558662.7	4160317.32
558662.684160327.32	558662.7	4160327.32
558662.684160337.32	558662.7	4160337.32
558672.684160297.32	558672.7	4160297.32
558672.684160307.32	558672.7	4160307.32
558672.684160317.32	558672.7	4160317.32
558672.684160327.32	558672.7	4160327.32
558672.684160337.32	558672.7	4160337.32
558543.584160290.65	558543.6	4160290.65
558553.584160300.65	558553.6	4160300.65
558553.584160310.65	558553.6	4160310.65
558553.584160320.65	558553.6	4160320.65
558553.584160330.65	558553.6	4160330.65
558563.584160300.65	558563.6	4160300.65
558563.584160310.65	558563.6	4160310.65
558563.584160320.65	558563.6	4160320.65
558563.584160330.65	558563.6	4160330.65
558573.584160300.65	558573.6	4160300.65
558573.584160310.65	558573.6	4160310.65
558573.584160320.65	558573.6	4160320.65
558573.584160330.65	558573.6	4160330.65
558583.584160300.65	558583.6	4160300.65
558583.584160310.65	558583.6	4160310.65
558583.584160320.65	558583.6	4160320.65
558583.584160330.65	558583.6	4160330.65
558593.584160330.65	558593.6	4160330.65
558455.354160303.56	558455.4	4160303.56
558455.354160313.56	558455.4	4160313.56
558455.354160323.56	558455.4	4160323.56
558455.354160333.56	558455.4	4160333.56
558455.354160343.56	558455.4	4160343.56
558465.354160303.56	558465.4	4160303.56

Worker CONCENTRATIONS & DOSE

XY	X	Y
558465.354160313.56	558465.4	4160313.56
558465.354160323.56	558465.4	4160323.56
558465.354160333.56	558465.4	4160333.56
558465.354160343.56	558465.4	4160343.56
558475.354160303.56	558475.4	4160303.56
558475.354160313.56	558475.4	4160313.56
558475.354160323.56	558475.4	4160323.56
558475.354160333.56	558475.4	4160333.56
558475.354160343.56	558475.4	4160343.56
558485.354160303.56	558485.4	4160303.56
558485.354160313.56	558485.4	4160313.56
558485.354160323.56	558485.4	4160323.56
558485.354160333.56	558485.4	4160333.56
558485.354160343.56	558485.4	4160343.56
558495.354160303.56	558495.4	4160303.56
558495.354160313.56	558495.4	4160313.56
558495.354160323.56	558495.4	4160323.56
558495.354160333.56	558495.4	4160333.56
558495.354160343.56	558495.4	4160343.56
558505.354160303.56	558505.4	4160303.56
558505.354160313.56	558505.4	4160313.56
558505.354160323.56	558505.4	4160323.56
558505.354160333.56	558505.4	4160333.56
558515.354160303.56	558515.4	4160303.56
558515.354160313.56	558515.4	4160313.56
558515.354160323.56	558515.4	4160323.56
558515.354160333.56	558515.4	4160333.56
558525.354160303.56	558525.4	4160303.56
558525.354160313.56	558525.4	4160313.56
558525.354160323.56	558525.4	4160323.56
558525.354160333.56	558525.4	4160333.56
558535.354160303.56	558535.4	4160303.56
558535.354160313.56	558535.4	4160313.56
558535.354160323.56	558535.4	4160323.56
558535.354160333.56	558535.4	4160333.56
558616.674160229.97	558616.7	4160229.97
558616.674160239.97	558616.7	4160239.97
558616.674160249.97	558616.7	4160249.97
558626.674160229.97	558626.7	4160229.97
558626.674160239.97	558626.7	4160239.97
558626.674160249.97	558626.7	4160249.97
558636.674160229.97	558636.7	4160229.97
558636.674160239.97	558636.7	4160239.97
558636.674160249.97	558636.7	4160249.97
558646.674160229.97	558646.7	4160229.97
558646.674160239.97	558646.7	4160239.97
558646.674160249.97	558646.7	4160249.97
558656.674160229.97	558656.7	4160229.97
558656.674160239.97	558656.7	4160239.97
558666.674160229.97	558666.7	4160229.97
558666.674160239.97	558666.7	4160239.97
558676.674160229.97	558676.7	4160229.97
558676.674160239.97	558676.7	4160239.97
558686.674160229.97	558686.7	4160229.97
558686.674160239.97	558686.7	4160239.97
558696.674160229.97	558696.7	4160229.97
558696.674160239.97	558696.7	4160239.97
558706.674160229.97	558706.7	4160229.97
558706.674160239.97	558706.7	4160239.97
558716.674160229.97	558716.7	4160229.97
558716.674160239.97	558716.7	4160239.97
558420.214160235.8	558420.2	4160235.8
558420.214160245.8	558420.2	4160245.8

Worker CONCENTRATIONS & DOSE

XY	X	Y
558420.214160255.8	558420.2	4160255.8
558430.214160235.8	558430.2	4160235.8
558430.214160245.8	558430.2	4160245.8
558430.214160255.8	558430.2	4160255.8
558440.214160235.8	558440.2	4160235.8
558440.214160245.8	558440.2	4160245.8
558440.214160255.8	558440.2	4160255.8
558450.214160235.8	558450.2	4160235.8
558450.214160245.8	558450.2	4160245.8
558450.214160255.8	558450.2	4160255.8
558460.214160235.8	558460.2	4160235.8
558460.214160245.8	558460.2	4160245.8
558460.214160255.8	558460.2	4160255.8
558470.214160235.8	558470.2	4160235.8
558470.214160245.8	558470.2	4160245.8
558470.214160255.8	558470.2	4160255.8
558480.214160235.8	558480.2	4160235.8
558480.214160245.8	558480.2	4160245.8
558480.214160255.8	558480.2	4160255.8
558490.214160235.8	558490.2	4160235.8
558490.214160245.8	558490.2	4160245.8
558490.214160255.8	558490.2	4160255.8
558500.214160235.8	558500.2	4160235.8
558500.214160245.8	558500.2	4160245.8
558500.214160255.8	558500.2	4160255.8
558510.214160235.8	558510.2	4160235.8
558510.214160245.8	558510.2	4160245.8
558510.214160255.8	558510.2	4160255.8
558520.214160235.8	558520.2	4160235.8
558520.214160245.8	558520.2	4160245.8
558520.214160255.8	558520.2	4160255.8
558530.214160235.8	558530.2	4160235.8
558530.214160245.8	558530.2	4160245.8
558530.214160255.8	558530.2	4160255.8
558540.214160235.8	558540.2	4160235.8
558540.214160245.8	558540.2	4160245.8
558540.214160255.8	558540.2	4160255.8
558550.214160235.8	558550.2	4160235.8
558550.214160245.8	558550.2	4160245.8
558550.214160255.8	558550.2	4160255.8
558560.214160235.8	558560.2	4160235.8
558560.214160245.8	558560.2	4160245.8
558560.214160255.8	558560.2	4160255.8
558570.214160235.8	558570.2	4160235.8
558570.214160245.8	558570.2	4160245.8
558570.214160255.8	558570.2	4160255.8
558580.214160235.8	558580.2	4160235.8
558580.214160245.8	558580.2	4160245.8
558590.214160235.8	558590.2	4160235.8
558590.214160245.8	558590.2	4160245.8
558600.214160245.8	558600.2	4160245.8

			Q	V
Worker CONCENTRATIONS & DOSE			**16<30**	
			Dose (mg/kg-day)	
XY	**X**	**Y**	**OFFROAD**	**ONROAD**
557996.384160720.52	557996.4	4160720.52	9.45E-06	1.29E-09
557996.384160730.52	557996.4	4160730.52	9.31E-06	1.29E-09
557996.384160740.52	557996.4	4160740.52	9.04E-06	1.28E-09
558006.384160710.52	558006.4	4160710.52	1.08E-05	1.34E-09
558006.384160720.52	558006.4	4160720.52	1.07E-05	1.34E-09
558006.384160730.52	558006.4	4160730.52	1.04E-05	1.33E-09
558006.384160740.52	558006.4	4160740.52	1.02E-05	1.32E-09
558016.384160710.52	558016.4	4160710.52	1.23E-05	1.39E-09
558016.384160720.52	558016.4	4160720.52	1.21E-05	1.38E-09
558016.384160730.52	558016.4	4160730.52	1.18E-05	1.37E-09
558016.384160740.52	558016.4	4160740.52	1.14E-05	1.36E-09
558026.384160710.52	558026.4	4160710.52	1.40E-05	1.44E-09
558026.384160720.52	558026.4	4160720.52	1.38E-05	1.43E-09
558026.384160730.52	558026.4	4160730.52	1.34E-05	1.42E-09
558026.384160740.52	558026.4	4160740.52	1.29E-05	1.41E-09
558277.534160581.24	558277.5	4160581.24	3.71E-05	7.06E-09
558277.534160591.24	558277.5	4160591.24	4.48E-05	7.25E-09
558287.534160581.24	558287.5	4160581.24	3.62E-05	7.97E-09
558287.534160591.24	558287.5	4160591.24	4.31E-05	8.23E-09
558297.534160581.24	558297.5	4160581.24	3.50E-05	9.08E-09
558297.534160591.24	558297.5	4160591.24	4.15E-05	9.46E-09
558307.534160581.24	558307.5	4160581.24	3.34E-05	1.04E-08
558307.534160591.24	558307.5	4160591.24	3.99E-05	1.10E-08
558317.534160581.24	558317.5	4160581.24	3.21E-05	1.21E-08
558317.534160591.24	558317.5	4160591.24	3.83E-05	1.30E-08
558327.534160581.24	558327.5	4160581.24	3.07E-05	1.39E-08
558327.534160591.24	558327.5	4160591.24	3.68E-05	1.54E-08
558337.534160581.24	558337.5	4160581.24	2.91E-05	1.58E-08
558101.054160547.13	558101.1	4160547.13	1.65E-05	2.05E-09
558101.054160557.13	558101.1	4160557.13	1.80E-05	2.06E-09
558111.054160547.13	558111.1	4160547.13	1.75E-05	2.14E-09
558111.054160557.13	558111.1	4160557.13	1.92E-05	2.16E-09
558111.054160567.13	558111.1	4160567.13	2.11E-05	2.17E-09
558121.054160537.13	558121.1	4160537.13	1.69E-05	2.23E-09
558121.054160547.13	558121.1	4160547.13	1.86E-05	2.25E-09
558121.054160557.13	558121.1	4160557.13	2.05E-05	2.26E-09
558121.054160567.13	558121.1	4160567.13	2.26E-05	2.27E-09
558121.054160577.13	558121.1	4160577.13	2.51E-05	2.28E-09
558121.054160587.13	558121.1	4160587.13	2.79E-05	2.28E-09
558131.054160527.13	558131.1	4160527.13	1.61E-05	2.32E-09
558131.054160537.13	558131.1	4160537.13	1.78E-05	2.34E-09
558131.054160547.13	558131.1	4160547.13	1.96E-05	2.36E-09
558131.054160557.13	558131.1	4160557.13	2.17E-05	2.37E-09
558131.054160567.13	558131.1	4160567.13	2.41E-05	2.39E-09
558131.054160577.13	558131.1	4160577.13	2.69E-05	2.40E-09
558131.054160587.13	558131.1	4160587.13	3.01E-05	2.40E-09
558131.054160597.13	558131.1	4160597.13	3.38E-05	2.40E-09
558141.054160527.13	558141.1	4160527.13	1.68E-05	2.44E-09

			Q	V
Worker CONCENTRATIONS & DOSE			**16<30**	
			Dose (mg/kg-day)	
XY	**X**	**Y**	**OFFROAD**	**ONROAD**
558141.054160537.13	558141.1	4160537.13	1.86E-05	2.46E-09
558141.054160547.13	558141.1	4160547.13	2.06E-05	2.48E-09
558141.054160557.13	558141.1	4160557.13	2.30E-05	2.50E-09
558141.054160567.13	558141.1	4160567.13	2.57E-05	2.51E-09
558141.054160577.13	558141.1	4160577.13	2.89E-05	2.52E-09
558141.054160587.13	558141.1	4160587.13	3.25E-05	2.53E-09
558141.054160597.13	558141.1	4160597.13	3.66E-05	2.53E-09
558141.054160607.13	558141.1	4160607.13	4.14E-05	2.53E-09
558151.054160537.13	558151.1	4160537.13	1.94E-05	2.59E-09
558151.054160547.13	558151.1	4160547.13	2.16E-05	2.61E-09
558151.054160557.13	558151.1	4160557.13	2.42E-05	2.63E-09
558151.054160567.13	558151.1	4160567.13	2.73E-05	2.65E-09
558151.054160577.13	558151.1	4160577.13	3.09E-05	2.66E-09
558151.054160587.13	558151.1	4160587.13	3.49E-05	2.67E-09
558151.054160597.13	558151.1	4160597.13	4.01E-05	2.67E-09
558151.054160607.13	558151.1	4160607.13	4.59E-05	2.67E-09
558151.054160617.13	558151.1	4160617.13	5.24E-05	2.66E-09
558161.054160547.13	558161.1	4160547.13	2.27E-05	2.76E-09
558161.054160557.13	558161.1	4160557.13	2.55E-05	2.78E-09
558161.054160567.13	558161.1	4160567.13	2.89E-05	2.80E-09
558161.054160577.13	558161.1	4160577.13	3.29E-05	2.81E-09
558161.054160587.13	558161.1	4160587.13	3.75E-05	2.82E-09
558161.054160597.13	558161.1	4160597.13	4.39E-05	2.83E-09
558161.054160607.13	558161.1	4160607.13	5.02E-05	2.82E-09
558171.054160557.13	558171.1	4160557.13	2.69E-05	2.94E-09
558171.054160567.13	558171.1	4160567.13	3.04E-05	2.96E-09
558171.054160577.13	558171.1	4160577.13	3.49E-05	2.98E-09
558171.054160587.13	558171.1	4160587.13	4.01E-05	2.99E-09
558171.054160597.13	558171.1	4160597.13	4.75E-05	3.00E-09
558181.054160567.13	558181.1	4160567.13	3.21E-05	3.14E-09
558181.054160577.13	558181.1	4160577.13	3.68E-05	3.16E-09
558181.054160587.13	558181.1	4160587.13	4.28E-05	3.18E-09
558191.054160577.13	558191.1	4160577.13	3.84E-05	3.36E-09
558368.544160582.33	558368.5	4160582.33	2.56E-05	2.20E-08
558378.544160582.33	558378.5	4160582.33	2.43E-05	2.32E-08
558378.544160592.33	558378.5	4160592.33	2.75E-05	2.83E-08
558378.544160602.33	558378.5	4160602.33	3.10E-05	3.46E-08
558378.544160612.33	558378.5	4160612.33	3.61E-05	4.63E-08
558388.544160582.33	558388.5	4160582.33	2.27E-05	2.43E-08
558388.544160592.33	558388.5	4160592.33	2.55E-05	2.99E-08
558388.544160602.33	558388.5	4160602.33	2.86E-05	3.68E-08
558388.544160612.33	558388.5	4160612.33	3.32E-05	3.27E-08
558398.544160582.33	558398.5	4160582.33	2.10E-05	2.57E-08
558398.544160592.33	558398.5	4160592.33	2.35E-05	3.09E-08
558398.544160602.33	558398.5	4160602.33	2.64E-05	3.89E-08
558398.544160612.33	558398.5	4160612.33	3.04E-05	3.63E-08
558186.784160496.28	558186.8	4160496.28	1.28E-05	2.98E-09
558186.784160506.28	558186.8	4160506.28	1.41E-05	3.00E-09
558196.784160496.28	558196.8	4160496.28	1.29E-05	3.17E-09
558196.784160506.28	558196.8	4160506.28	1.41E-05	3.19E-09
558196.784160516.28	558196.8	4160516.28	1.56E-05	3.22E-09
558196.784160526.28	558196.8	4160526.28	1.77E-05	3.27E-09
558206.784160506.28	558206.8	4160506.28	1.41E-05	3.41E-09
558206.784160516.28	558206.8	4160516.28	1.57E-05	3.45E-09
558206.784160526.28	558206.8	4160526.28	1.76E-05	3.49E-09
558206.784160536.28	558206.8	4160536.28	2.01E-05	3.54E-09
558216.784160516.28	558216.8	4160516.28	1.55E-05	3.69E-09
558216.784160526.28	558216.8	4160526.28	1.74E-05	3.75E-09
558216.784160536.28	558216.8	4160536.28	1.97E-05	3.79E-09
558216.784160546.28	558216.8	4160546.28	2.25E-05	3.84E-09
558226.784160526.28	558226.8	4160526.28	1.71E-05	4.02E-09
558226.784160536.28	558226.8	4160536.28	1.94E-05	4.08E-09
558226.784160546.28	558226.8	4160546.28	2.23E-05	4.14E-09

			Q	V
Worker CONCENTRATIONS & DOSE			**16<30**	
			Dose (mg/kg-day)	
XY	**X**	**Y**	**OFFROAD**	**ONROAD**
558236.784160536.28	558236.8	4160536.28	1.89E-05	4.40E-09
558115.174160402.59	558115.2	4160402.59	5.95E-06	1.91E-09
558115.174160412.59	558115.2	4160412.59	6.35E-06	1.94E-09
558115.174160422.59	558115.2	4160422.59	6.78E-06	1.95E-09
558115.174160432.59	558115.2	4160432.59	7.26E-06	1.98E-09
558115.174160442.59	558115.2	4160442.59	7.78E-06	2.00E-09
558125.174160392.59	558125.2	4160392.59	5.63E-06	1.97E-09
558125.174160402.59	558125.2	4160402.59	6.01E-06	2.00E-09
558125.174160412.59	558125.2	4160412.59	6.43E-06	2.02E-09
558125.174160422.59	558125.2	4160422.59	6.88E-06	2.04E-09
558125.174160432.59	558125.2	4160432.59	7.38E-06	2.06E-09
558125.174160442.59	558125.2	4160442.59	7.93E-06	2.08E-09
558135.174160372.59	558135.2	4160372.59	4.98E-06	2.00E-09
558135.174160382.59	558135.2	4160382.59	5.30E-06	2.03E-09
558135.174160392.59	558135.2	4160392.59	5.66E-06	2.06E-09
558135.174160402.59	558135.2	4160402.59	6.05E-06	2.08E-09
558135.174160412.59	558135.2	4160412.59	6.48E-06	2.10E-09
558135.174160422.59	558135.2	4160422.59	6.95E-06	2.13E-09
558135.174160432.59	558135.2	4160432.59	7.47E-06	2.15E-09
558135.174160442.59	558135.2	4160442.59	8.04E-06	2.18E-09
558145.174160372.59	558145.2	4160372.59	4.98E-06	2.09E-09
558145.174160382.59	558145.2	4160382.59	5.31E-06	2.12E-09
558145.174160392.59	558145.2	4160392.59	5.67E-06	2.14E-09
558145.174160402.59	558145.2	4160402.59	6.07E-06	2.17E-09
558145.174160412.59	558145.2	4160412.59	6.51E-06	2.20E-09
558145.174160422.59	558145.2	4160422.59	6.99E-06	2.22E-09
558145.174160432.59	558145.2	4160432.59	7.52E-06	2.25E-09
558145.174160442.59	558145.2	4160442.59	8.12E-06	2.28E-09
558155.174160372.59	558155.2	4160372.59	4.95E-06	2.18E-09
558155.174160382.59	558155.2	4160382.59	5.29E-06	2.21E-09
558155.174160392.59	558155.2	4160392.59	5.66E-06	2.24E-09
558155.174160402.59	558155.2	4160402.59	6.06E-06	2.27E-09
558155.174160412.59	558155.2	4160412.59	6.51E-06	2.30E-09
558155.174160422.59	558155.2	4160422.59	7.00E-06	2.33E-09
558155.174160432.59	558155.2	4160432.59	7.55E-06	2.36E-09
558155.174160442.59	558155.2	4160442.59	8.16E-06	2.39E-09
558165.174160362.59	558165.2	4160362.59	4.61E-06	2.23E-09
558165.174160372.59	558165.2	4160372.59	4.92E-06	2.27E-09
558165.174160382.59	558165.2	4160382.59	5.25E-06	2.30E-09
558165.174160392.59	558165.2	4160392.59	5.63E-06	2.34E-09
558165.174160402.59	558165.2	4160402.59	6.03E-06	2.37E-09
558165.174160412.59	558165.2	4160412.59	6.48E-06	2.40E-09
558165.174160422.59	558165.2	4160422.59	6.98E-06	2.44E-09
558165.174160432.59	558165.2	4160432.59	7.54E-06	2.47E-09
558175.174160362.59	558175.2	4160362.59	4.56E-06	2.33E-09
558175.174160372.59	558175.2	4160372.59	4.87E-06	2.37E-09
558175.174160382.59	558175.2	4160382.59	5.20E-06	2.40E-09
558175.174160392.59	558175.2	4160392.59	5.57E-06	2.44E-09
558175.174160402.59	558175.2	4160402.59	5.98E-06	2.48E-09
558175.174160412.59	558175.2	4160412.59	6.43E-06	2.52E-09
558175.174160422.59	558175.2	4160422.59	6.93E-06	2.56E-09
558185.174160362.59	558185.2	4160362.59	4.50E-06	2.43E-09
558185.174160372.59	558185.2	4160372.59	4.80E-06	2.47E-09
558185.174160382.59	558185.2	4160382.59	5.13E-06	2.51E-09
558185.174160392.59	558185.2	4160392.59	5.50E-06	2.55E-09
558185.174160402.59	558185.2	4160402.59	5.91E-06	2.60E-09
558185.174160412.59	558185.2	4160412.59	6.35E-06	2.64E-09
558185.174160422.59	558185.2	4160422.59	6.85E-06	2.68E-09
558185.174160432.59	558185.2	4160432.59	7.41E-06	2.72E-09
558185.174160442.59	558185.2	4160442.59	8.03E-06	2.76E-09
558195.174160362.59	558195.2	4160362.59	4.42E-06	2.53E-09
558195.174160372.59	558195.2	4160372.59	4.72E-06	2.58E-09
558195.174160382.59	558195.2	4160382.59	5.05E-06	2.62E-09

			Q	V
Worker CONCENTRATIONS & DOSE			**16<30**	
			Dose (mg/kg-day)	
XY	**X**	**Y**	**OFFROAD**	**ONROAD**
558195.174160392.59	558195.2	4160392.59	5.41E-06	2.67E-09
558195.174160402.59	558195.2	4160402.59	5.81E-06	2.72E-09
558195.174160412.59	558195.2	4160412.59	6.26E-06	2.77E-09
558195.174160422.59	558195.2	4160422.59	6.75E-06	2.81E-09
558195.174160432.59	558195.2	4160432.59	7.30E-06	2.86E-09
558195.174160442.59	558195.2	4160442.59	7.90E-06	2.90E-09
558195.174160452.59	558195.2	4160452.59	8.56E-06	2.94E-09
558205.174160362.59	558205.2	4160362.59	4.34E-06	2.64E-09
558205.174160372.59	558205.2	4160372.59	4.63E-06	2.69E-09
558205.174160382.59	558205.2	4160382.59	4.95E-06	2.74E-09
558205.174160392.59	558205.2	4160392.59	5.31E-06	2.80E-09
558205.174160402.59	558205.2	4160402.59	5.70E-06	2.85E-09
558205.174160412.59	558205.2	4160412.59	6.14E-06	2.90E-09
558205.174160422.59	558205.2	4160422.59	6.63E-06	2.96E-09
558205.174160432.59	558205.2	4160432.59	7.16E-06	3.01E-09
558205.174160442.59	558205.2	4160442.59	7.77E-06	3.06E-09
558205.174160452.59	558205.2	4160452.59	8.42E-06	3.11E-09
558205.174160462.59	558205.2	4160462.59	9.17E-06	3.16E-09
558215.174160362.59	558215.2	4160362.59	4.25E-06	2.76E-09
558215.174160372.59	558215.2	4160372.59	4.53E-06	2.81E-09
558215.174160382.59	558215.2	4160382.59	4.85E-06	2.87E-09
558215.174160392.59	558215.2	4160392.59	5.20E-06	2.93E-09
558215.174160402.59	558215.2	4160402.59	5.58E-06	2.99E-09
558215.174160412.59	558215.2	4160412.59	6.01E-06	3.05E-09
558215.174160422.59	558215.2	4160422.59	6.48E-06	3.10E-09
558215.174160432.59	558215.2	4160432.59	7.00E-06	3.16E-09
558215.174160442.59	558215.2	4160442.59	7.60E-06	3.23E-09
558215.174160452.59	558215.2	4160452.59	8.27E-06	3.29E-09
558215.174160462.59	558215.2	4160462.59	8.98E-06	3.34E-09
558215.174160472.59	558215.2	4160472.59	9.82E-06	3.40E-09
558225.174160362.59	558225.2	4160362.59	4.15E-06	2.88E-09
558225.174160372.59	558225.2	4160372.59	4.43E-06	2.94E-09
558225.174160382.59	558225.2	4160382.59	4.74E-06	3.00E-09
558225.174160392.59	558225.2	4160392.59	5.08E-06	3.07E-09
558225.174160402.59	558225.2	4160402.59	5.45E-06	3.13E-09
558225.174160412.59	558225.2	4160412.59	5.86E-06	3.20E-09
558225.174160422.59	558225.2	4160422.59	6.32E-06	3.26E-09
558225.174160432.59	558225.2	4160432.59	6.83E-06	3.33E-09
558225.174160442.59	558225.2	4160442.59	7.41E-06	3.40E-09
558225.174160452.59	558225.2	4160452.59	8.06E-06	3.47E-09
558225.174160462.59	558225.2	4160462.59	8.80E-06	3.54E-09
558225.174160472.59	558225.2	4160472.59	9.61E-06	3.61E-09
558225.174160482.59	558225.2	4160482.59	1.05E-05	3.67E-09
558235.174160362.59	558235.2	4160362.59	4.05E-06	3.00E-09
558235.174160372.59	558235.2	4160372.59	4.32E-06	3.07E-09
558235.174160382.59	558235.2	4160382.59	4.62E-06	3.14E-09
558235.174160392.59	558235.2	4160392.59	4.95E-06	3.21E-09
558235.174160402.59	558235.2	4160402.59	5.31E-06	3.29E-09
558235.174160412.59	558235.2	4160412.59	5.71E-06	3.36E-09
558235.174160422.59	558235.2	4160422.59	6.16E-06	3.43E-09
558235.174160432.59	558235.2	4160432.59	6.65E-06	3.51E-09
558235.174160442.59	558235.2	4160442.59	7.21E-06	3.59E-09
558235.174160452.59	558235.2	4160452.59	7.84E-06	3.67E-09
558235.174160462.59	558235.2	4160462.59	8.56E-06	3.75E-09
558235.174160472.59	558235.2	4160472.59	9.38E-06	3.83E-09
558235.174160482.59	558235.2	4160482.59	1.03E-05	3.91E-09
558235.174160492.59	558235.2	4160492.59	1.13E-05	3.98E-09
558245.174160362.59	558245.2	4160362.59	3.94E-06	3.14E-09
558245.174160372.59	558245.2	4160372.59	4.20E-06	3.21E-09
558245.174160382.59	558245.2	4160382.59	4.49E-06	3.29E-09
558245.174160392.59	558245.2	4160392.59	4.81E-06	3.37E-09
558245.174160402.59	558245.2	4160402.59	5.17E-06	3.45E-09
558245.174160412.59	558245.2	4160412.59	5.55E-06	3.53E-09

			Q	V
Worker CONCENTRATIONS & DOSE			**16<30**	
			Dose (mg/kg-day)	
XY	**X**	**Y**	**OFFROAD**	**ONROAD**
558245.174160422.59	558245.2	4160422.59	5.98E-06	3.61E-09
558245.174160432.59	558245.2	4160432.59	6.46E-06	3.70E-09
558245.174160442.59	558245.2	4160442.59	7.01E-06	3.79E-09
558245.174160452.59	558245.2	4160452.59	7.62E-06	3.88E-09
558245.174160462.59	558245.2	4160462.59	8.32E-06	3.97E-09
558245.174160472.59	558245.2	4160472.59	9.11E-06	4.07E-09
558245.174160482.59	558245.2	4160482.59	1.00E-05	4.16E-09
558245.174160492.59	558245.2	4160492.59	1.10E-05	4.26E-09
558245.174160502.59	558245.2	4160502.59	1.22E-05	4.34E-09
558255.174160362.59	558255.2	4160362.59	3.83E-06	3.27E-09
558255.174160372.59	558255.2	4160372.59	4.09E-06	3.35E-09
558255.174160382.59	558255.2	4160382.59	4.37E-06	3.44E-09
558255.174160392.59	558255.2	4160392.59	4.68E-06	3.53E-09
558255.174160402.59	558255.2	4160402.59	5.02E-06	3.62E-09
558255.174160412.59	558255.2	4160412.59	5.40E-06	3.71E-09
558255.174160422.59	558255.2	4160422.59	5.81E-06	3.80E-09
558255.174160432.59	558255.2	4160432.59	6.28E-06	3.90E-09
558255.174160442.59	558255.2	4160442.59	6.80E-06	4.00E-09
558255.174160452.59	558255.2	4160452.59	7.40E-06	4.10E-09
558255.174160462.59	558255.2	4160462.59	8.07E-06	4.21E-09
558255.174160472.59	558255.2	4160472.59	8.83E-06	4.32E-09
558255.174160482.59	558255.2	4160482.59	9.71E-06	4.43E-09
558255.174160492.59	558255.2	4160492.59	1.07E-05	4.55E-09
558255.174160502.59	558255.2	4160502.59	1.19E-05	4.66E-09
558255.174160512.59	558255.2	4160512.59	1.32E-05	4.76E-09
558265.174160362.59	558265.2	4160362.59	3.72E-06	3.41E-09
558265.174160372.59	558265.2	4160372.59	3.97E-06	3.50E-09
558265.174160382.59	558265.2	4160382.59	4.24E-06	3.60E-09
558265.174160392.59	558265.2	4160392.59	4.54E-06	3.69E-09
558265.174160402.59	558265.2	4160402.59	4.87E-06	3.79E-09
558265.174160412.59	558265.2	4160412.59	5.23E-06	3.89E-09
558265.174160422.59	558265.2	4160422.59	5.64E-06	4.00E-09
558265.174160432.59	558265.2	4160432.59	6.09E-06	4.11E-09
558265.174160442.59	558265.2	4160442.59	6.60E-06	4.23E-09
558265.174160452.59	558265.2	4160452.59	7.17E-06	4.34E-09
558265.174160462.59	558265.2	4160462.59	7.82E-06	4.46E-09
558265.174160472.59	558265.2	4160472.59	8.56E-06	4.59E-09
558265.174160482.59	558265.2	4160482.59	9.43E-06	4.73E-09
558265.174160492.59	558265.2	4160492.59	1.04E-05	4.86E-09
558265.174160502.59	558265.2	4160502.59	1.16E-05	5.00E-09
558265.174160512.59	558265.2	4160512.59	1.29E-05	5.13E-09
558265.174160522.59	558265.2	4160522.59	1.45E-05	5.26E-09
558275.174160362.59	558275.2	4160362.59	3.61E-06	3.56E-09
558275.174160372.59	558275.2	4160372.59	3.84E-06	3.66E-09
558275.174160382.59	558275.2	4160382.59	4.11E-06	3.76E-09
558275.174160392.59	558275.2	4160392.59	4.40E-06	3.87E-09
558275.174160402.59	558275.2	4160402.59	4.71E-06	3.98E-09
558275.174160412.59	558275.2	4160412.59	5.07E-06	4.09E-09
558275.174160422.59	558275.2	4160422.59	5.46E-06	4.21E-09
558275.174160432.59	558275.2	4160432.59	5.90E-06	4.33E-09
558275.174160442.59	558275.2	4160442.59	6.40E-06	4.46E-09
558275.174160452.59	558275.2	4160452.59	6.95E-06	4.59E-09
558275.174160462.59	558275.2	4160462.59	7.58E-06	4.73E-09
558275.174160472.59	558275.2	4160472.59	8.32E-06	4.88E-09
558275.174160482.59	558275.2	4160482.59	9.16E-06	5.04E-09
558275.174160492.59	558275.2	4160492.59	1.01E-05	5.19E-09
558275.174160502.59	558275.2	4160502.59	1.13E-05	5.36E-09
558275.174160512.59	558275.2	4160512.59	1.27E-05	5.54E-09
558275.174160522.59	558275.2	4160522.59	1.43E-05	5.71E-09
558275.174160532.59	558275.2	4160532.59	1.62E-05	5.88E-09
558285.174160362.59	558285.2	4160362.59	3.49E-06	3.72E-09
558285.174160372.59	558285.2	4160372.59	3.72E-06	3.82E-09
558285.174160382.59	558285.2	4160382.59	3.98E-06	3.93E-09

			Q	V
Worker CONCENTRATIONS & DOSE			**16<30**	
			Dose (mg/kg-day)	
XY	**X**	**Y**	**OFFROAD**	**ONROAD**
558285.174160392.59	558285.2	4160392.59	4.25E-06	4.05E-09
558285.174160402.59	558285.2	4160402.59	4.56E-06	4.17E-09
558285.174160412.59	558285.2	4160412.59	4.91E-06	4.29E-09
558285.174160422.59	558285.2	4160422.59	5.29E-06	4.43E-09
558285.174160432.59	558285.2	4160432.59	5.71E-06	4.56E-09
558285.174160442.59	558285.2	4160442.59	6.19E-06	4.71E-09
558285.174160452.59	558285.2	4160452.59	6.74E-06	4.86E-09
558285.174160462.59	558285.2	4160462.59	7.36E-06	5.02E-09
558285.174160472.59	558285.2	4160472.59	8.08E-06	5.19E-09
558285.174160482.59	558285.2	4160482.59	8.89E-06	5.36E-09
558285.174160492.59	558285.2	4160492.59	9.85E-06	5.55E-09
558285.174160502.59	558285.2	4160502.59	1.10E-05	5.75E-09
558285.174160512.59	558285.2	4160512.59	1.24E-05	5.97E-09
558285.174160522.59	558285.2	4160522.59	1.40E-05	6.19E-09
558285.174160532.59	558285.2	4160532.59	1.60E-05	6.40E-09
558295.174160362.59	558295.2	4160362.59	3.38E-06	3.87E-09
558295.174160372.59	558295.2	4160372.59	3.60E-06	3.99E-09
558295.174160382.59	558295.2	4160382.59	3.84E-06	4.11E-09
558295.174160392.59	558295.2	4160392.59	4.11E-06	4.23E-09
558295.174160402.59	558295.2	4160402.59	4.41E-06	4.36E-09
558295.174160412.59	558295.2	4160412.59	4.74E-06	4.50E-09
558295.174160422.59	558295.2	4160422.59	5.11E-06	4.65E-09
558295.174160432.59	558295.2	4160432.59	5.53E-06	4.80E-09
558295.174160442.59	558295.2	4160442.59	6.00E-06	4.96E-09
558295.174160452.59	558295.2	4160452.59	6.53E-06	5.14E-09
558295.174160462.59	558295.2	4160462.59	7.15E-06	5.32E-09
558295.174160472.59	558295.2	4160472.59	7.84E-06	5.51E-09
558295.174160482.59	558295.2	4160482.59	8.65E-06	5.72E-09
558295.174160492.59	558295.2	4160492.59	9.60E-06	5.93E-09
558295.174160502.59	558295.2	4160502.59	1.07E-05	6.17E-09
558295.174160512.59	558295.2	4160512.59	1.21E-05	6.43E-09
558295.174160522.59	558295.2	4160522.59	1.38E-05	6.71E-09
558295.174160532.59	558295.2	4160532.59	1.57E-05	6.98E-09
558305.174160362.59	558305.2	4160362.59	3.27E-06	4.04E-09
558305.174160372.59	558305.2	4160372.59	3.48E-06	4.16E-09
558305.174160382.59	558305.2	4160382.59	3.71E-06	4.29E-09
558305.174160392.59	558305.2	4160392.59	3.97E-06	4.42E-09
558305.174160402.59	558305.2	4160402.59	4.26E-06	4.55E-09
558305.174160412.59	558305.2	4160412.59	4.59E-06	4.70E-09
558305.174160422.59	558305.2	4160422.59	4.94E-06	4.87E-09
558305.174160432.59	558305.2	4160432.59	5.35E-06	5.05E-09
558305.174160442.59	558305.2	4160442.59	5.81E-06	5.23E-09
558305.174160452.59	558305.2	4160452.59	6.33E-06	5.42E-09
558305.174160462.59	558305.2	4160462.59	6.93E-06	5.62E-09
558305.174160472.59	558305.2	4160472.59	7.62E-06	5.84E-09
558305.174160482.59	558305.2	4160482.59	8.42E-06	6.08E-09
558305.174160492.59	558305.2	4160492.59	9.37E-06	6.34E-09
558305.174160502.59	558305.2	4160502.59	1.05E-05	6.61E-09
558305.174160512.59	558305.2	4160512.59	1.19E-05	6.93E-09
558305.174160522.59	558305.2	4160522.59	1.35E-05	7.26E-09
558305.174160532.59	558305.2	4160532.59	1.55E-05	7.61E-09
558315.174160362.59	558315.2	4160362.59	3.16E-06	4.20E-09
558315.174160372.59	558315.2	4160372.59	3.36E-06	4.34E-09
558315.174160382.59	558315.2	4160382.59	3.59E-06	4.47E-09
558315.174160392.59	558315.2	4160392.59	3.84E-06	4.61E-09
558315.174160402.59	558315.2	4160402.59	4.12E-06	4.76E-09
558315.174160412.59	558315.2	4160412.59	4.43E-06	4.92E-09
558315.174160422.59	558315.2	4160422.59	4.78E-06	5.10E-09
558315.174160432.59	558315.2	4160432.59	5.17E-06	5.29E-09
558315.174160442.59	558315.2	4160442.59	5.62E-06	5.49E-09
558315.174160452.59	558315.2	4160452.59	6.13E-06	5.71E-09
558315.174160462.59	558315.2	4160462.59	6.72E-06	5.94E-09
558315.174160472.59	558315.2	4160472.59	7.41E-06	6.18E-09

			Q	V
Worker CONCENTRATIONS & DOSE			**16<30**	
			Dose (mg/kg-day)	
XY	**X**	**Y**	**OFFROAD**	**ONROAD**
558315.174160482.59	558315.2	4160482.59	8.21E-06	6.45E-09
558315.174160492.59	558315.2	4160492.59	9.15E-06	6.75E-09
558315.174160502.59	558315.2	4160502.59	1.03E-05	7.08E-09
558315.174160512.59	558315.2	4160512.59	1.16E-05	7.45E-09
558315.174160522.59	558315.2	4160522.59	1.33E-05	7.86E-09
558315.174160532.59	558315.2	4160532.59	1.52E-05	8.29E-09
558325.174160362.59	558325.2	4160362.59	3.05E-06	4.37E-09
558325.174160372.59	558325.2	4160372.59	3.25E-06	4.51E-09
558325.174160382.59	558325.2	4160382.59	3.46E-06	4.65E-09
558325.174160392.59	558325.2	4160392.59	3.71E-06	4.81E-09
558325.174160402.59	558325.2	4160402.59	3.98E-06	4.97E-09
558325.174160412.59	558325.2	4160412.59	4.28E-06	5.15E-09
558325.174160422.59	558325.2	4160422.59	4.62E-06	5.34E-09
558325.174160432.59	558325.2	4160432.59	5.00E-06	5.54E-09
558325.174160442.59	558325.2	4160442.59	5.44E-06	5.76E-09
558325.174160452.59	558325.2	4160452.59	5.94E-06	6.00E-09
558325.174160462.59	558325.2	4160462.59	6.53E-06	6.25E-09
558325.174160472.59	558325.2	4160472.59	7.20E-06	6.53E-09
558325.174160482.59	558325.2	4160482.59	8.00E-06	6.83E-09
558325.174160492.59	558325.2	4160492.59	8.94E-06	7.17E-09
558325.174160502.59	558325.2	4160502.59	1.01E-05	7.56E-09
558325.174160512.59	558325.2	4160512.59	1.14E-05	7.99E-09
558325.174160522.59	558325.2	4160522.59	1.30E-05	8.47E-09
558325.174160532.59	558325.2	4160532.59	1.49E-05	8.99E-09
558335.174160362.59	558335.2	4160362.59	2.95E-06	4.55E-09
558335.174160372.59	558335.2	4160372.59	3.14E-06	4.70E-09
558335.174160382.59	558335.2	4160382.59	3.35E-06	4.85E-09
558335.174160392.59	558335.2	4160392.59	3.58E-06	5.01E-09
558335.174160402.59	558335.2	4160402.59	3.84E-06	5.19E-09
558335.174160412.59	558335.2	4160412.59	4.13E-06	5.38E-09
558335.174160422.59	558335.2	4160422.59	4.47E-06	5.58E-09
558335.174160432.59	558335.2	4160432.59	4.84E-06	5.79E-09
558335.174160442.59	558335.2	4160442.59	5.27E-06	6.03E-09
558335.174160452.59	558335.2	4160452.59	5.77E-06	6.29E-09
558335.174160462.59	558335.2	4160462.59	6.34E-06	6.56E-09
558335.174160472.59	558335.2	4160472.59	7.01E-06	6.87E-09
558335.174160482.59	558335.2	4160482.59	7.80E-06	7.21E-09
558335.174160492.59	558335.2	4160492.59	8.74E-06	7.59E-09
558335.174160502.59	558335.2	4160502.59	9.85E-06	8.03E-09
558335.174160512.59	558335.2	4160512.59	1.12E-05	8.52E-09
558335.174160522.59	558335.2	4160522.59	1.28E-05	9.08E-09
558335.174160532.59	558335.2	4160532.59	1.46E-05	9.70E-09
558345.174160362.59	558345.2	4160362.59	2.85E-06	4.72E-09
558345.174160372.59	558345.2	4160372.59	3.03E-06	4.89E-09
558345.174160382.59	558345.2	4160382.59	3.23E-06	5.06E-09
558345.174160392.59	558345.2	4160392.59	3.46E-06	5.23E-09
558345.174160402.59	558345.2	4160402.59	3.71E-06	5.41E-09
558345.174160412.59	558345.2	4160412.59	4.00E-06	5.61E-09
558345.174160422.59	558345.2	4160422.59	4.32E-06	5.83E-09
558345.174160432.59	558345.2	4160432.59	4.69E-06	6.06E-09
558345.174160442.59	558345.2	4160442.59	5.11E-06	6.28E-09
558345.174160452.59	558345.2	4160452.59	5.60E-06	6.57E-09
558345.174160462.59	558345.2	4160462.59	6.16E-06	6.88E-09
558345.174160472.59	558345.2	4160472.59	6.82E-06	7.21E-09
558345.174160482.59	558345.2	4160482.59	7.59E-06	7.58E-09
558345.174160492.59	558345.2	4160492.59	8.52E-06	8.00E-09
558345.174160502.59	558345.2	4160502.59	9.62E-06	8.48E-09
558345.174160512.59	558345.2	4160512.59	1.09E-05	9.04E-09
558345.174160522.59	558345.2	4160522.59	1.24E-05	9.67E-09
558345.174160532.59	558345.2	4160532.59	1.42E-05	1.04E-08
558355.174160362.59	558355.2	4160362.59	2.75E-06	4.91E-09
558355.174160372.59	558355.2	4160372.59	2.93E-06	5.08E-09
558355.174160382.59	558355.2	4160382.59	3.13E-06	5.26E-09

			Q	V
Worker CONCENTRATIONS & DOSE			**16<30**	
			Dose (mg/kg-day)	
XY	**X**	**Y**	**OFFROAD**	**ONROAD**
558355.174160392.59	558355.2	4160392.59	3.35E-06	5.45E-09
558355.174160402.59	558355.2	4160402.59	3.59E-06	5.64E-09
558355.174160412.59	558355.2	4160412.59	3.87E-06	5.85E-09
558355.174160422.59	558355.2	4160422.59	4.19E-06	6.08E-09
558355.174160432.59	558355.2	4160432.59	4.55E-06	6.32E-09
558355.174160442.59	558355.2	4160442.59	4.97E-06	6.58E-09
558355.174160452.59	558355.2	4160452.59	5.44E-06	6.87E-09
558355.174160462.59	558355.2	4160462.59	6.00E-06	7.19E-09
558355.174160472.59	558355.2	4160472.59	6.64E-06	7.55E-09
558355.174160482.59	558355.2	4160482.59	7.40E-06	7.94E-09
558355.174160492.59	558355.2	4160492.59	8.30E-06	8.39E-09
558355.174160502.59	558355.2	4160502.59	9.36E-06	8.91E-09
558355.174160512.59	558355.2	4160512.59	1.06E-05	9.51E-09
558355.174160522.59	558355.2	4160522.59	1.21E-05	1.02E-08
558355.174160532.59	558355.2	4160532.59	1.38E-05	1.10E-08
558365.174160362.59	558365.2	4160362.59	2.67E-06	5.11E-09
558365.174160372.59	558365.2	4160372.59	2.84E-06	5.29E-09
558365.174160382.59	558365.2	4160382.59	3.03E-06	5.48E-09
558365.174160392.59	558365.2	4160392.59	3.25E-06	5.68E-09
558365.174160402.59	558365.2	4160402.59	3.49E-06	5.88E-09
558365.174160412.59	558365.2	4160412.59	3.76E-06	6.11E-09
558365.174160422.59	558365.2	4160422.59	4.07E-06	6.34E-09
558365.174160432.59	558365.2	4160432.59	4.42E-06	6.59E-09
558365.174160442.59	558365.2	4160442.59	4.83E-06	6.86E-09
558365.174160452.59	558365.2	4160452.59	5.30E-06	7.18E-09
558365.174160462.59	558365.2	4160462.59	5.84E-06	7.52E-09
558365.174160472.59	558365.2	4160472.59	6.48E-06	7.89E-09
558365.174160482.59	558365.2	4160482.59	7.22E-06	8.31E-09
558365.174160492.59	558365.2	4160492.59	8.09E-06	8.78E-09
558365.174160502.59	558365.2	4160502.59	9.12E-06	9.33E-09
558365.174160512.59	558365.2	4160512.59	1.03E-05	9.97E-09
558365.174160522.59	558365.2	4160522.59	1.17E-05	1.07E-08
558365.174160532.59	558365.2	4160532.59	1.33E-05	1.16E-08
558375.174160362.59	558375.2	4160362.59	2.59E-06	5.33E-09
558375.174160372.59	558375.2	4160372.59	2.76E-06	5.52E-09
558375.174160382.59	558375.2	4160382.59	2.94E-06	5.72E-09
558375.174160392.59	558375.2	4160392.59	3.15E-06	5.91E-09
558375.174160402.59	558375.2	4160402.59	3.39E-06	6.14E-09
558375.174160412.59	558375.2	4160412.59	3.66E-06	6.37E-09
558375.174160422.59	558375.2	4160422.59	3.96E-06	6.61E-09
558375.174160432.59	558375.2	4160432.59	4.31E-06	6.88E-09
558375.174160442.59	558375.2	4160442.59	4.71E-06	7.17E-09
558375.174160452.59	558375.2	4160452.59	5.17E-06	7.49E-09
558375.174160462.59	558375.2	4160462.59	5.71E-06	7.84E-09
558375.174160472.59	558375.2	4160472.59	6.33E-06	8.24E-09
558375.174160482.59	558375.2	4160482.59	7.06E-06	8.68E-09
558375.174160492.59	558375.2	4160492.59	7.90E-06	9.18E-09
558375.174160502.59	558375.2	4160502.59	8.88E-06	9.76E-09
558375.174160512.59	558375.2	4160512.59	1.00E-05	1.04E-08
558375.174160522.59	558375.2	4160522.59	1.13E-05	1.12E-08
558375.174160532.59	558375.2	4160532.59	1.29E-05	1.22E-08
558385.174160362.59	558385.2	4160362.59	2.52E-06	5.56E-09
558385.174160372.59	558385.2	4160372.59	2.68E-06	5.77E-09
558385.174160382.59	558385.2	4160382.59	2.87E-06	5.98E-09
558385.174160392.59	558385.2	4160392.59	3.07E-06	6.16E-09
558385.174160402.59	558385.2	4160402.59	3.31E-06	6.39E-09
558385.174160412.59	558385.2	4160412.59	3.57E-06	6.64E-09
558385.174160422.59	558385.2	4160422.59	3.87E-06	6.90E-09
558385.174160432.59	558385.2	4160432.59	4.21E-06	7.18E-09
558385.174160442.59	558385.2	4160442.59	4.61E-06	7.49E-09
558385.174160452.59	558385.2	4160452.59	5.06E-06	7.82E-09
558385.174160462.59	558385.2	4160462.59	5.59E-06	8.19E-09
558385.174160472.59	558385.2	4160472.59	6.20E-06	8.60E-09

			Q	V
Worker CONCENTRATIONS & DOSE			**16<30**	
			Dose (mg/kg-day)	
XY	**X**	**Y**	**OFFROAD**	**ONROAD**
558385.174160482.59	558385.2	4160482.59	6.91E-06	9.06E-09
558385.174160492.59	558385.2	4160492.59	7.72E-06	9.59E-09
558385.174160502.59	558385.2	4160502.59	8.67E-06	1.02E-08
558385.174160512.59	558385.2	4160512.59	9.75E-06	1.09E-08
558385.174160522.59	558385.2	4160522.59	1.10E-05	1.18E-08
558385.174160532.59	558385.2	4160532.59	1.24E-05	1.28E-08
558395.174160362.59	558395.2	4160362.59	2.46E-06	5.80E-09
558395.174160372.59	558395.2	4160372.59	2.62E-06	6.00E-09
558395.174160382.59	558395.2	4160382.59	2.80E-06	6.21E-09
558395.174160392.59	558395.2	4160392.59	3.01E-06	6.43E-09
558395.174160402.59	558395.2	4160402.59	3.24E-06	6.67E-09
558395.174160412.59	558395.2	4160412.59	3.50E-06	6.92E-09
558395.174160422.59	558395.2	4160422.59	3.79E-06	7.19E-09
558395.174160432.59	558395.2	4160432.59	4.13E-06	7.49E-09
558395.174160442.59	558395.2	4160442.59	4.52E-06	7.81E-09
558395.174160452.59	558395.2	4160452.59	4.97E-06	8.16E-09
558395.174160462.59	558395.2	4160462.59	5.49E-06	8.55E-09
558395.174160472.59	558395.2	4160472.59	6.09E-06	8.97E-09
558395.174160482.59	558395.2	4160482.59	6.77E-06	9.45E-09
558395.174160492.59	558395.2	4160492.59	7.57E-06	1.00E-08
558395.174160502.59	558395.2	4160502.59	8.47E-06	1.06E-08
558395.174160512.59	558395.2	4160512.59	9.50E-06	1.14E-08
558477.664160568.94	558477.7	4160568.94	1.33E-05	2.96E-08
558477.664160578.94	558477.7	4160578.94	1.46E-05	3.43E-08
558477.664160588.94	558477.7	4160588.94	1.61E-05	4.05E-08
558477.664160598.94	558477.7	4160598.94	1.76E-05	4.92E-08
558487.664160568.94	558487.7	4160568.94	1.27E-05	3.08E-08
558487.664160578.94	558487.7	4160578.94	1.38E-05	3.51E-08
558487.664160588.94	558487.7	4160588.94	1.51E-05	4.07E-08
558487.664160598.94	558487.7	4160598.94	1.64E-05	4.84E-08
558497.664160568.94	558497.7	4160568.94	1.23E-05	3.26E-08
558497.664160578.94	558497.7	4160578.94	1.33E-05	3.68E-08
558497.664160588.94	558497.7	4160588.94	1.44E-05	4.23E-08
558497.664160598.94	558497.7	4160598.94	1.55E-05	4.99E-08
558507.664160568.94	558507.7	4160568.94	1.19E-05	3.56E-08
558507.664160578.94	558507.7	4160578.94	1.28E-05	3.97E-08
558507.664160588.94	558507.7	4160588.94	1.38E-05	4.57E-08
558507.664160598.94	558507.7	4160598.94	1.48E-05	5.40E-08
558517.664160568.94	558517.7	4160568.94	1.15E-05	3.91E-08
558517.664160578.94	558517.7	4160578.94	1.23E-05	4.35E-08
558517.664160588.94	558517.7	4160588.94	1.32E-05	4.96E-08
558517.664160598.94	558517.7	4160598.94	1.41E-05	5.88E-08
558527.664160568.94	558527.7	4160568.94	1.11E-05	4.34E-08
558527.664160578.94	558527.7	4160578.94	1.19E-05	4.84E-08
558527.664160588.94	558527.7	4160588.94	1.26E-05	5.51E-08
558527.664160598.94	558527.7	4160598.94	1.34E-05	5.11E-08
558537.664160568.94	558537.7	4160568.94	1.07E-05	4.96E-08
558537.664160578.94	558537.7	4160578.94	1.14E-05	5.51E-08
558537.664160588.94	558537.7	4160588.94	1.20E-05	4.65E-08
558537.664160598.94	558537.7	4160598.94	1.27E-05	5.18E-08
558547.664160568.94	558547.7	4160568.94	1.03E-05	5.82E-08
558547.664160578.94	558547.7	4160578.94	1.09E-05	4.59E-08
558547.664160588.94	558547.7	4160588.94	1.15E-05	3.45E-08
558557.664160568.94	558557.7	4160568.94	9.93E-06	3.27E-08
558600.644160569.24	558600.6	4160569.24	8.39E-06	4.22E-08
558600.644160579.24	558600.6	4160579.24	8.65E-06	4.31E-08
558600.644160589.24	558600.6	4160589.24	8.89E-06	5.18E-08
558600.644160599.24	558600.6	4160599.24	9.09E-06	4.70E-08
558610.644160569.24	558610.6	4160569.24	8.02E-06	5.08E-08
558610.644160579.24	558610.6	4160579.24	8.25E-06	4.70E-08
558610.644160589.24	558610.6	4160589.24	8.45E-06	4.32E-08
558610.644160599.24	558610.6	4160599.24	8.61E-06	3.92E-08
558620.644160569.24	558620.6	4160569.24	7.67E-06	4.33E-08

			Q	V
Worker CONCENTRATIONS & DOSE			**16<30**	
			Dose (mg/kg-day)	
XY	**X**	**Y**	**OFFROAD**	**ONROAD**
558620.644160579.24	558620.6	4160579.24	7.86E-06	4.00E-08
558620.644160589.24	558620.6	4160589.24	8.03E-06	3.70E-08
558620.644160599.24	558620.6	4160599.24	8.16E-06	3.37E-08
558630.644160569.24	558630.6	4160569.24	7.34E-06	3.73E-08
558630.644160579.24	558630.6	4160579.24	7.50E-06	3.47E-08
558630.644160589.24	558630.6	4160589.24	7.63E-06	3.19E-08
558630.644160599.24	558630.6	4160599.24	7.73E-06	2.91E-08
558640.644160569.24	558640.6	4160569.24	7.01E-06	3.25E-08
558640.644160579.24	558640.6	4160579.24	7.15E-06	3.03E-08
558640.644160589.24	558640.6	4160589.24	7.25E-06	2.78E-08
558640.644160599.24	558640.6	4160599.24	7.33E-06	2.53E-08
558650.644160569.24	558650.6	4160569.24	6.69E-06	2.86E-08
558650.644160579.24	558650.6	4160579.24	6.81E-06	2.66E-08
558650.644160589.24	558650.6	4160589.24	6.89E-06	2.45E-08
558650.644160599.24	558650.6	4160599.24	6.95E-06	2.25E-08
558660.644160569.24	558660.6	4160569.24	6.40E-06	2.57E-08
558660.644160579.24	558660.6	4160579.24	6.50E-06	2.39E-08
558660.644160589.24	558660.6	4160589.24	6.56E-06	2.20E-08
558660.644160599.24	558660.6	4160599.24	6.61E-06	2.03E-08
558670.644160569.24	558670.6	4160569.24	6.12E-06	2.32E-08
558670.644160579.24	558670.6	4160579.24	6.19E-06	2.16E-08
558670.644160589.24	558670.6	4160589.24	6.24E-06	1.99E-08
558495.44160499.48	558495.4	4160499.48	6.94E-06	1.91E-08
558495.44160509.48	558495.4	4160509.48	7.57E-06	2.02E-08
558495.44160519.48	558495.4	4160519.48	8.25E-06	2.15E-08
558495.44160529.48	558495.4	4160529.48	8.99E-06	2.29E-08
558505.44160499.48	558505.4	4160499.48	6.86E-06	2.12E-08
558505.44160509.48	558505.4	4160509.48	7.46E-06	2.24E-08
558505.44160519.48	558505.4	4160519.48	8.11E-06	2.37E-08
558505.44160529.48	558505.4	4160529.48	8.82E-06	2.52E-08
558515.44160499.48	558515.4	4160499.48	6.77E-06	2.38E-08
558515.44160509.48	558515.4	4160509.48	7.35E-06	2.51E-08
558515.44160519.48	558515.4	4160519.48	7.97E-06	2.65E-08
558515.44160529.48	558515.4	4160529.48	8.64E-06	2.81E-08
558525.44160499.48	558525.4	4160499.48	6.69E-06	2.70E-08
558525.44160509.48	558525.4	4160509.48	7.25E-06	2.86E-08
558525.44160519.48	558525.4	4160519.48	7.84E-06	3.02E-08
558525.44160529.48	558525.4	4160529.48	8.48E-06	3.19E-08
558535.44160499.48	558535.4	4160499.48	6.61E-06	3.14E-08
558535.44160509.48	558535.4	4160509.48	7.14E-06	3.31E-08
558535.44160519.48	558535.4	4160519.48	7.70E-06	3.50E-08
558535.44160529.48	558535.4	4160529.48	8.31E-06	3.69E-08
558545.44160499.48	558545.4	4160499.48	6.52E-06	3.70E-08
558545.44160509.48	558545.4	4160509.48	7.03E-06	3.92E-08
558545.44160519.48	558545.4	4160519.48	7.57E-06	4.14E-08
558545.44160529.48	558545.4	4160529.48	8.14E-06	4.36E-08
558555.44160499.48	558555.4	4160499.48	6.43E-06	4.46E-08
558555.44160509.48	558555.4	4160509.48	6.91E-06	4.73E-08
558555.44160519.48	558555.4	4160519.48	7.43E-06	4.99E-08
558555.44160529.48	558555.4	4160529.48	7.96E-06	5.28E-08
558565.44160499.48	558565.4	4160499.48	6.34E-06	3.87E-08
558565.44160509.48	558565.4	4160509.48	6.79E-06	4.26E-08
558565.44160519.48	558565.4	4160519.48	7.27E-06	3.04E-08
558565.44160529.48	558565.4	4160529.48	7.77E-06	4.40E-08
558618.984160498.88	558619	4160498.88	5.72E-06	3.24E-08
558618.984160508.88	558619	4160508.88	6.04E-06	4.27E-08
558618.984160518.88	558619	4160518.88	6.35E-06	4.28E-08
558618.984160528.88	558619	4160528.88	6.66E-06	5.43E-08
558628.984160498.88	558629	4160498.88	5.60E-06	5.55E-08
558628.984160508.88	558629	4160508.88	5.89E-06	5.16E-08
558628.984160518.88	558629	4160518.88	6.18E-06	4.87E-08
558628.984160528.88	558629	4160528.88	6.46E-06	4.65E-08
558638.984160498.88	558639	4160498.88	5.47E-06	4.85E-08

			Q	V
Worker CONCENTRATIONS & DOSE			**16<30**	
			Dose (mg/kg-day)	
XY	**X**	**Y**	**OFFROAD**	**ONROAD**
558638.984160508.88	558639	4160508.88	5.74E-06	4.52E-08
558638.984160518.88	558639	4160518.88	6.00E-06	4.28E-08
558638.984160528.88	558639	4160528.88	6.25E-06	4.08E-08
558648.984160498.88	558649	4160498.88	5.34E-06	4.34E-08
558648.984160508.88	558649	4160508.88	5.59E-06	4.04E-08
558648.984160518.88	558649	4160518.88	5.82E-06	3.82E-08
558648.984160528.88	558649	4160528.88	6.05E-06	3.64E-08
558658.984160498.88	558659	4160498.88	5.21E-06	3.97E-08
558658.984160508.88	558659	4160508.88	5.43E-06	3.69E-08
558658.984160518.88	558659	4160518.88	5.65E-06	3.46E-08
558658.984160528.88	558659	4160528.88	5.85E-06	3.28E-08
558668.984160498.88	558669	4160498.88	5.08E-06	3.65E-08
558668.984160508.88	558669	4160508.88	5.28E-06	3.38E-08
558668.984160518.88	558669	4160518.88	5.47E-06	3.17E-08
558668.984160528.88	558669	4160528.88	5.65E-06	2.99E-08
558678.984160498.88	558679	4160498.88	4.94E-06	3.39E-08
558678.984160508.88	558679	4160508.88	5.13E-06	3.13E-08
558678.984160518.88	558679	4160518.88	5.30E-06	2.92E-08
558678.984160528.88	558679	4160528.88	5.46E-06	2.75E-08
558688.984160498.88	558689	4160498.88	4.81E-06	3.16E-08
558688.984160508.88	558689	4160508.88	4.97E-06	2.91E-08
558688.984160518.88	558689	4160518.88	5.13E-06	2.71E-08
558444.414160372.35	558444.4	4160372.35	2.42E-06	7.57E-09
558454.414160382.35	558454.4	4160382.35	2.55E-06	8.10E-09
558454.414160392.35	558454.4	4160392.35	2.75E-06	8.42E-09
558454.414160402.35	558454.4	4160402.35	2.97E-06	8.75E-09
558464.414160382.35	558464.4	4160382.35	2.53E-06	8.56E-09
558464.414160392.35	558464.4	4160392.35	2.73E-06	8.90E-09
558464.414160402.35	558464.4	4160402.35	2.97E-06	9.28E-09
558474.414160382.35	558474.4	4160382.35	2.53E-06	9.06E-09
558474.414160392.35	558474.4	4160392.35	2.73E-06	9.42E-09
558474.414160402.35	558474.4	4160402.35	2.95E-06	9.82E-09
558484.414160382.35	558484.4	4160382.35	2.52E-06	9.61E-09
558484.414160392.35	558484.4	4160392.35	2.71E-06	9.96E-09
558484.414160402.35	558484.4	4160402.35	2.93E-06	1.03E-08
558494.414160382.35	558494.4	4160382.35	2.52E-06	1.02E-08
558494.414160392.35	558494.4	4160392.35	2.71E-06	1.06E-08
558494.414160402.35	558494.4	4160402.35	2.93E-06	1.10E-08
558504.414160382.35	558504.4	4160382.35	2.52E-06	1.09E-08
558504.414160392.35	558504.4	4160392.35	2.74E-06	1.15E-08
558504.414160402.35	558504.4	4160402.35	2.98E-06	1.22E-08
558514.414160382.35	558514.4	4160382.35	2.53E-06	1.17E-08
558514.414160392.35	558514.4	4160392.35	2.74E-06	1.24E-08
558514.414160402.35	558514.4	4160402.35	2.99E-06	1.32E-08
558524.414160392.35	558524.4	4160392.35	2.75E-06	1.34E-08
558524.414160402.35	558524.4	4160402.35	3.00E-06	1.44E-08
558581.824160392.36	558581.8	4160392.36	2.85E-06	2.29E-08
558581.824160402.36	558581.8	4160402.36	3.07E-06	2.57E-08
558581.824160412.36	558581.8	4160412.36	3.31E-06	2.90E-08
558581.824160422.36	558581.8	4160422.36	3.56E-06	3.30E-08
558591.824160392.36	558591.8	4160392.36	2.86E-06	2.49E-08
558591.824160402.36	558591.8	4160402.36	3.08E-06	2.83E-08
558591.824160412.36	558591.8	4160412.36	3.31E-06	3.23E-08
558591.824160422.36	558591.8	4160422.36	3.56E-06	3.74E-08
558601.824160382.36	558601.8	4160382.36	2.67E-06	2.39E-08
558601.824160392.36	558601.8	4160392.36	2.87E-06	2.71E-08
558601.824160402.36	558601.8	4160402.36	3.08E-06	3.10E-08
558601.824160412.36	558601.8	4160412.36	3.31E-06	3.59E-08
558601.824160422.36	558601.8	4160422.36	3.55E-06	4.21E-08
558611.824160382.36	558611.8	4160382.36	2.68E-06	2.54E-08
558611.824160392.36	558611.8	4160392.36	2.88E-06	2.89E-08
558611.824160402.36	558611.8	4160402.36	3.09E-06	3.38E-08
558611.824160412.36	558611.8	4160412.36	3.31E-06	3.96E-08

			Q	V
Worker CONCENTRATIONS & DOSE			**16<30**	
			Dose (mg/kg-day)	
XY	**X**	**Y**	**OFFROAD**	**ONROAD**
558611.824160422.36	558611.8	4160422.36	3.55E-06	4.71E-08
558621.824160382.36	558621.8	4160382.36	2.69E-06	2.72E-08
558621.824160392.36	558621.8	4160392.36	2.88E-06	3.11E-08
558621.824160402.36	558621.8	4160402.36	3.09E-06	3.66E-08
558621.824160412.36	558621.8	4160412.36	3.30E-06	4.37E-08
558621.824160422.36	558621.8	4160422.36	3.54E-06	3.62E-08
558631.824160382.36	558631.8	4160382.36	2.70E-06	2.90E-08
558631.824160392.36	558631.8	4160392.36	2.89E-06	3.33E-08
558631.824160402.36	558631.8	4160402.36	3.09E-06	3.96E-08
558641.824160382.36	558641.8	4160382.36	2.70E-06	3.07E-08
558641.824160392.36	558641.8	4160392.36	2.89E-06	3.55E-08
558641.824160402.36	558641.8	4160402.36	3.08E-06	4.29E-08
558651.824160382.36	558651.8	4160382.36	2.70E-06	3.30E-08
558651.824160392.36	558651.8	4160392.36	2.89E-06	3.83E-08
558651.824160402.36	558651.8	4160402.36	3.08E-06	4.66E-08
558661.824160382.36	558661.8	4160382.36	2.71E-06	3.56E-08
558661.824160392.36	558661.8	4160392.36	2.88E-06	4.13E-08
558661.824160402.36	558661.8	4160402.36	3.07E-06	5.05E-08
558671.824160362.36	558671.8	4160362.36	2.38E-06	3.22E-08
558671.824160372.36	558671.8	4160372.36	2.54E-06	3.47E-08
558671.824160382.36	558671.8	4160382.36	2.70E-06	3.86E-08
558671.824160392.36	558671.8	4160392.36	2.88E-06	4.47E-08
558671.824160402.36	558671.8	4160402.36	3.06E-06	5.47E-08
558681.824160362.36	558681.8	4160362.36	2.39E-06	3.59E-08
558681.824160372.36	558681.8	4160372.36	2.53E-06	3.78E-08
558681.824160382.36	558681.8	4160382.36	2.70E-06	4.21E-08
558681.824160392.36	558681.8	4160392.36	2.87E-06	4.85E-08
558681.824160402.36	558681.8	4160402.36	3.04E-06	5.87E-08
558691.824160362.36	558691.8	4160362.36	2.39E-06	4.12E-08
558691.824160372.36	558691.8	4160372.36	2.54E-06	4.36E-08
558691.824160382.36	558691.8	4160382.36	2.70E-06	4.74E-08
558691.824160392.36	558691.8	4160392.36	2.86E-06	5.39E-08
558691.824160402.36	558691.8	4160402.36	3.03E-06	6.45E-08
558701.824160362.36	558701.8	4160362.36	2.39E-06	4.86E-08
558701.824160372.36	558701.8	4160372.36	2.54E-06	5.11E-08
558701.824160382.36	558701.8	4160382.36	2.69E-06	5.49E-08
558701.824160392.36	558701.8	4160392.36	2.85E-06	6.11E-08
558701.824160402.36	558701.8	4160402.36	3.01E-06	7.15E-08
558711.824160362.36	558711.8	4160362.36	2.39E-06	5.92E-08
558711.824160372.36	558711.8	4160372.36	2.53E-06	6.15E-08
558711.824160382.36	558711.8	4160382.36	2.68E-06	5.07E-08
558711.824160392.36	558711.8	4160392.36	2.83E-06	7.10E-08
558711.824160402.36	558711.8	4160402.36	2.98E-06	4.58E-08
558721.824160362.36	558721.8	4160362.36	2.39E-06	3.52E-08
558721.824160372.36	558721.8	4160372.36	2.52E-06	3.93E-08
558721.824160382.36	558721.8	4160382.36	2.66E-06	5.60E-08
558721.824160392.36	558721.8	4160392.36	2.81E-06	4.38E-08
558721.824160402.36	558721.8	4160402.36	2.96E-06	4.67E-08
558690.094160295.24	558690.1	4160295.24	1.56E-06	3.24E-08
558690.094160305.24	558690.1	4160305.24	1.66E-06	3.28E-08
558690.094160315.24	558690.1	4160315.24	1.76E-06	3.33E-08
558690.094160325.24	558690.1	4160325.24	1.88E-06	3.38E-08
558690.094160335.24	558690.1	4160335.24	2.00E-06	3.45E-08
558700.094160295.24	558700.1	4160295.24	1.57E-06	3.92E-08
558700.094160305.24	558700.1	4160305.24	1.67E-06	3.97E-08
558700.094160315.24	558700.1	4160315.24	1.77E-06	4.01E-08
558700.094160325.24	558700.1	4160325.24	1.89E-06	4.05E-08
558700.094160335.24	558700.1	4160335.24	2.01E-06	4.11E-08
558710.094160295.24	558710.1	4160295.24	1.58E-06	4.92E-08
558710.094160305.24	558710.1	4160305.24	1.68E-06	4.96E-08
558710.094160315.24	558710.1	4160315.24	1.78E-06	5.00E-08
558710.094160325.24	558710.1	4160325.24	1.90E-06	5.04E-08
558710.094160335.24	558710.1	4160335.24	2.01E-06	5.08E-08

			Q	V
Worker CONCENTRATIONS & DOSE			**16<30**	
			Dose (mg/kg-day)	
XY	**X**	**Y**	**OFFROAD**	**ONROAD**
558720.094160295.24	558720.1	4160295.24	1.59E-06	4.31E-08
558720.094160305.24	558720.1	4160305.24	1.69E-06	3.02E-08
558720.094160315.24	558720.1	4160315.24	1.79E-06	4.37E-08
558720.094160325.24	558720.1	4160325.24	1.90E-06	4.46E-08
558612.684160297.32	558612.7	4160297.32	1.48E-06	1.38E-08
558612.684160307.32	558612.7	4160307.32	1.58E-06	1.44E-08
558612.684160317.32	558612.7	4160317.32	1.69E-06	1.51E-08
558612.684160327.32	558612.7	4160327.32	1.81E-06	1.58E-08
558612.684160337.32	558612.7	4160337.32	1.93E-06	1.68E-08
558622.684160297.32	558622.7	4160297.32	1.49E-06	1.49E-08
558622.684160307.32	558622.7	4160307.32	1.59E-06	1.55E-08
558622.684160317.32	558622.7	4160317.32	1.70E-06	1.61E-08
558622.684160327.32	558622.7	4160327.32	1.82E-06	1.69E-08
558622.684160337.32	558622.7	4160337.32	1.95E-06	1.79E-08
558632.684160297.32	558632.7	4160297.32	1.51E-06	1.61E-08
558632.684160307.32	558632.7	4160307.32	1.61E-06	1.67E-08
558632.684160317.32	558632.7	4160317.32	1.72E-06	1.73E-08
558632.684160327.32	558632.7	4160327.32	1.83E-06	1.81E-08
558632.684160337.32	558632.7	4160337.32	1.96E-06	1.91E-08
558642.684160297.32	558642.7	4160297.32	1.52E-06	1.77E-08
558642.684160307.32	558642.7	4160307.32	1.62E-06	1.82E-08
558642.684160317.32	558642.7	4160317.32	1.73E-06	1.88E-08
558642.684160327.32	558642.7	4160327.32	1.85E-06	1.96E-08
558642.684160337.32	558642.7	4160337.32	1.98E-06	2.06E-08
558652.684160297.32	558652.7	4160297.32	1.53E-06	1.95E-08
558652.684160307.32	558652.7	4160307.32	1.63E-06	2.00E-08
558652.684160317.32	558652.7	4160317.32	1.74E-06	2.06E-08
558652.684160327.32	558652.7	4160327.32	1.86E-06	2.14E-08
558652.684160337.32	558652.7	4160337.32	1.99E-06	2.24E-08
558662.684160297.32	558662.7	4160297.32	1.55E-06	2.20E-08
558662.684160307.32	558662.7	4160307.32	1.65E-06	2.24E-08
558662.684160317.32	558662.7	4160317.32	1.76E-06	2.29E-08
558662.684160327.32	558662.7	4160327.32	1.87E-06	2.36E-08
558662.684160337.32	558662.7	4160337.32	2.00E-06	2.45E-08
558672.684160297.32	558672.7	4160297.32	1.56E-06	2.48E-08
558672.684160307.32	558672.7	4160307.32	1.66E-06	2.54E-08
558672.684160317.32	558672.7	4160317.32	1.77E-06	2.59E-08
558672.684160327.32	558672.7	4160327.32	1.88E-06	2.65E-08
558672.684160337.32	558672.7	4160337.32	2.01E-06	2.74E-08
558543.584160290.65	558543.6	4160290.65	1.39E-06	9.28E-09
558553.584160300.65	558553.6	4160300.65	1.48E-06	1.02E-08
558553.584160310.65	558553.6	4160310.65	1.58E-06	1.07E-08
558553.584160320.65	558553.6	4160320.65	1.68E-06	1.12E-08
558553.584160330.65	558553.6	4160330.65	1.80E-06	1.18E-08
558563.584160300.65	558563.6	4160300.65	1.49E-06	1.08E-08
558563.584160310.65	558563.6	4160310.65	1.58E-06	1.13E-08
558563.584160320.65	558563.6	4160320.65	1.69E-06	1.19E-08
558563.584160330.65	558563.6	4160330.65	1.81E-06	1.25E-08
558573.584160300.65	558573.6	4160300.65	1.49E-06	1.14E-08
558573.584160310.65	558573.6	4160310.65	1.59E-06	1.19E-08
558573.584160320.65	558573.6	4160320.65	1.70E-06	1.25E-08
558573.584160330.65	558573.6	4160330.65	1.82E-06	1.32E-08
558583.584160300.65	558583.6	4160300.65	1.50E-06	1.20E-08
558583.584160310.65	558583.6	4160310.65	1.60E-06	1.26E-08
558583.584160320.65	558583.6	4160320.65	1.71E-06	1.33E-08
558583.584160330.65	558583.6	4160330.65	1.83E-06	1.40E-08
558593.584160330.65	558593.6	4160330.65	1.84E-06	1.48E-08
558455.354160303.56	558455.4	4160303.56	1.58E-06	6.25E-09
558455.354160313.56	558455.4	4160313.56	1.67E-06	6.47E-09
558455.354160323.56	558455.4	4160323.56	1.76E-06	6.71E-09
558455.354160333.56	558455.4	4160333.56	1.87E-06	6.95E-09
558455.354160343.56	558455.4	4160343.56	1.98E-06	7.20E-09
558465.354160303.56	558465.4	4160303.56	1.56E-06	6.56E-09

			Q	V
Worker CONCENTRATIONS & DOSE			**16<30**	
			Dose (mg/kg-day)	
XY	**X**	**Y**	**OFFROAD**	**ONROAD**
558465.354160313.56	558465.4	4160313.56	1.65E-06	6.79E-09
558465.354160323.56	558465.4	4160323.56	1.74E-06	7.04E-09
558465.354160333.56	558465.4	4160333.56	1.85E-06	7.30E-09
558465.354160343.56	558465.4	4160343.56	1.97E-06	7.59E-09
558475.354160303.56	558475.4	4160303.56	1.54E-06	6.87E-09
558475.354160313.56	558475.4	4160313.56	1.63E-06	7.13E-09
558475.354160323.56	558475.4	4160323.56	1.73E-06	7.41E-09
558475.354160333.56	558475.4	4160333.56	1.83E-06	7.70E-09
558475.354160343.56	558475.4	4160343.56	1.95E-06	8.01E-09
558485.354160303.56	558485.4	4160303.56	1.53E-06	7.22E-09
558485.354160313.56	558485.4	4160313.56	1.62E-06	7.48E-09
558485.354160323.56	558485.4	4160323.56	1.72E-06	7.80E-09
558485.354160333.56	558485.4	4160333.56	1.82E-06	8.12E-09
558485.354160343.56	558485.4	4160343.56	1.94E-06	8.46E-09
558495.354160303.56	558495.4	4160303.56	1.52E-06	7.60E-09
558495.354160313.56	558495.4	4160313.56	1.61E-06	7.91E-09
558495.354160323.56	558495.4	4160323.56	1.71E-06	8.23E-09
558495.354160333.56	558495.4	4160333.56	1.82E-06	8.57E-09
558495.354160343.56	558495.4	4160343.56	1.94E-06	8.96E-09
558505.354160303.56	558505.4	4160303.56	1.51E-06	8.01E-09
558505.354160313.56	558505.4	4160313.56	1.60E-06	8.34E-09
558505.354160323.56	558505.4	4160323.56	1.70E-06	8.69E-09
558505.354160333.56	558505.4	4160333.56	1.81E-06	9.07E-09
558515.354160303.56	558515.4	4160303.56	1.51E-06	8.44E-09
558515.354160313.56	558515.4	4160313.56	1.60E-06	8.80E-09
558515.354160323.56	558515.4	4160323.56	1.70E-06	9.18E-09
558515.354160333.56	558515.4	4160333.56	1.81E-06	9.61E-09
558525.354160303.56	558525.4	4160303.56	1.50E-06	8.89E-09
558525.354160313.56	558525.4	4160313.56	1.60E-06	9.29E-09
558525.354160323.56	558525.4	4160323.56	1.70E-06	9.71E-09
558525.354160333.56	558525.4	4160333.56	1.82E-06	1.02E-08
558535.354160303.56	558535.4	4160303.56	1.50E-06	9.37E-09
558535.354160313.56	558535.4	4160313.56	1.60E-06	9.81E-09
558535.354160323.56	558535.4	4160323.56	1.70E-06	1.03E-08
558535.354160333.56	558535.4	4160333.56	1.82E-06	1.08E-08
558616.674160229.97	558616.7	4160229.97	1.02E-06	1.14E-08
558616.674160239.97	558616.7	4160239.97	1.07E-06	1.18E-08
558616.674160249.97	558616.7	4160249.97	1.13E-06	1.23E-08
558626.674160229.97	558626.7	4160229.97	1.02E-06	1.24E-08
558626.674160239.97	558626.7	4160239.97	1.08E-06	1.29E-08
558626.674160249.97	558626.7	4160249.97	1.14E-06	1.34E-08
558636.674160229.97	558636.7	4160229.97	1.03E-06	1.36E-08
558636.674160239.97	558636.7	4160239.97	1.09E-06	1.41E-08
558636.674160249.97	558636.7	4160249.97	1.15E-06	1.47E-08
558646.674160229.97	558646.7	4160229.97	1.03E-06	1.50E-08
558646.674160239.97	558646.7	4160239.97	1.09E-06	1.57E-08
558646.674160249.97	558646.7	4160249.97	1.16E-06	1.63E-08
558656.674160229.97	558656.7	4160229.97	1.04E-06	1.69E-08
558656.674160239.97	558656.7	4160239.97	1.10E-06	1.76E-08
558666.674160229.97	558666.7	4160229.97	1.05E-06	1.93E-08
558666.674160239.97	558666.7	4160239.97	1.11E-06	2.02E-08
558676.674160229.97	558676.7	4160229.97	1.06E-06	2.23E-08
558676.674160239.97	558676.7	4160239.97	1.12E-06	2.34E-08
558686.674160229.97	558686.7	4160229.97	1.07E-06	2.63E-08
558686.674160239.97	558686.7	4160239.97	1.13E-06	2.77E-08
558696.674160229.97	558696.7	4160229.97	1.08E-06	3.16E-08
558696.674160239.97	558696.7	4160239.97	1.14E-06	3.35E-08
558706.674160229.97	558706.7	4160229.97	1.09E-06	3.89E-08
558706.674160239.97	558706.7	4160239.97	1.15E-06	4.15E-08
558716.674160229.97	558716.7	4160229.97	1.10E-06	4.91E-08
558716.674160239.97	558716.7	4160239.97	1.16E-06	3.82E-08
558420.214160235.8	558420.2	4160235.8	1.24E-06	4.34E-09
558420.214160245.8	558420.2	4160245.8	1.29E-06	4.47E-09

			Q	V
Worker CONCENTRATIONS & DOSE			**16<30**	
			Dose (mg/kg-day)	
XY	**X**	**Y**	**OFFROAD**	**ONROAD**
558420.214160255.8	558420.2	4160255.8	1.35E-06	4.61E-09
558430.214160235.8	558430.2	4160235.8	1.21E-06	4.51E-09
558430.214160245.8	558430.2	4160245.8	1.26E-06	4.65E-09
558430.214160255.8	558430.2	4160255.8	1.32E-06	4.80E-09
558440.214160235.8	558440.2	4160235.8	1.19E-06	4.70E-09
558440.214160245.8	558440.2	4160245.8	1.24E-06	4.85E-09
558440.214160255.8	558440.2	4160255.8	1.29E-06	5.00E-09
558450.214160235.8	558450.2	4160235.8	1.17E-06	4.88E-09
558450.214160245.8	558450.2	4160245.8	1.22E-06	5.04E-09
558450.214160255.8	558450.2	4160255.8	1.27E-06	5.20E-09
558460.214160235.8	558460.2	4160235.8	1.15E-06	5.07E-09
558460.214160245.8	558460.2	4160245.8	1.20E-06	5.24E-09
558460.214160255.8	558460.2	4160255.8	1.25E-06	5.42E-09
558470.214160235.8	558470.2	4160235.8	1.13E-06	5.29E-09
558470.214160245.8	558470.2	4160245.8	1.18E-06	5.47E-09
558470.214160255.8	558470.2	4160255.8	1.23E-06	5.66E-09
558480.214160235.8	558480.2	4160235.8	1.11E-06	5.52E-09
558480.214160245.8	558480.2	4160245.8	1.16E-06	5.71E-09
558480.214160255.8	558480.2	4160255.8	1.21E-06	5.92E-09
558490.214160235.8	558490.2	4160235.8	1.10E-06	5.76E-09
558490.214160245.8	558490.2	4160245.8	1.14E-06	5.96E-09
558490.214160255.8	558490.2	4160255.8	1.20E-06	6.19E-09
558500.214160235.8	558500.2	4160235.8	1.09E-06	6.03E-09
558500.214160245.8	558500.2	4160245.8	1.13E-06	6.25E-09
558500.214160255.8	558500.2	4160255.8	1.19E-06	6.49E-09
558510.214160235.8	558510.2	4160235.8	1.07E-06	6.32E-09
558510.214160245.8	558510.2	4160245.8	1.12E-06	6.56E-09
558510.214160255.8	558510.2	4160255.8	1.18E-06	6.82E-09
558520.214160235.8	558520.2	4160235.8	1.06E-06	6.62E-09
558520.214160245.8	558520.2	4160245.8	1.11E-06	6.87E-09
558520.214160255.8	558520.2	4160255.8	1.17E-06	7.15E-09
558530.214160235.8	558530.2	4160235.8	1.06E-06	6.94E-09
558530.214160245.8	558530.2	4160245.8	1.11E-06	7.20E-09
558530.214160255.8	558530.2	4160255.8	1.16E-06	7.50E-09
558540.214160235.8	558540.2	4160235.8	1.05E-06	7.28E-09
558540.214160245.8	558540.2	4160245.8	1.10E-06	7.56E-09
558540.214160255.8	558540.2	4160255.8	1.16E-06	7.88E-09
558550.214160235.8	558550.2	4160235.8	1.04E-06	7.65E-09
558550.214160245.8	558550.2	4160245.8	1.10E-06	7.95E-09
558550.214160255.8	558550.2	4160255.8	1.15E-06	8.28E-09
558560.214160235.8	558560.2	4160235.8	1.04E-06	8.08E-09
558560.214160245.8	558560.2	4160245.8	1.09E-06	8.43E-09
558560.214160255.8	558560.2	4160255.8	1.15E-06	8.79E-09
558570.214160235.8	558570.2	4160235.8	1.04E-06	8.51E-09
558570.214160245.8	558570.2	4160245.8	1.09E-06	8.84E-09
558570.214160255.8	558570.2	4160255.8	1.15E-06	9.22E-09
558580.214160235.8	558580.2	4160235.8	1.04E-06	9.01E-09
558580.214160245.8	558580.2	4160245.8	1.09E-06	9.37E-09
558590.214160235.8	558590.2	4160235.8	1.04E-06	9.61E-09
558590.214160245.8	558590.2	4160245.8	1.10E-06	9.98E-09
558600.214160245.8	558600.2	4160245.8	1.10E-06	1.07E-08

Cancer Risk

					AE		AH			
					3rd Tri		0<2		2<16		Total Cancer Risk (cases per million)
					Cancer Risk (cases per million)		Cancer Risk (cases per million)		Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD	
557996.384160720.52	557996.38	4160720.52	WRKR_1	WORKER	2.65E-01	1.80E-05	5.89E+00	6.83E-04	5.21E-01	8.54E-05	6.68E+00
557996.384160730.52	557996.38	4160730.52	WRKR_2	WORKER	2.61E-01	1.79E-05	5.80E+00	6.80E-04	5.13E-01	8.50E-05	6.57E+00
557996.384160740.52	557996.38	4160740.52	WRKR_3	WORKER	2.54E-01	1.78E-05	5.64E+00	6.75E-04	4.98E-01	8.43E-05	6.39E+00
558006.384160710.52	558006.38	4160710.52	WRKR_4	WORKER	3.03E-01	1.87E-05	6.74E+00	7.10E-04	5.96E-01	8.88E-05	7.64E+00
558006.384160720.52	558006.38	4160720.52	WRKR_5	WORKER	2.99E-01	1.86E-05	6.65E+00	7.07E-04	5.88E-01	8.84E-05	7.53E+00
558006.384160730.52	558006.38	4160730.52	WRKR_6	WORKER	2.92E-01	1.85E-05	6.50E+00	7.03E-04	5.75E-01	8.79E-05	7.37E+00
558006.384160740.52	558006.38	4160740.52	WRKR_7	WORKER	2.85E-01	1.84E-05	6.34E+00	6.99E-04	5.60E-01	8.73E-05	7.18E+00
558016.384160710.52	558016.38	4160710.52	WRKR_8	WORKER	3.45E-01	1.94E-05	7.67E+00	7.35E-04	6.78E-01	9.19E-05	8.69E+00
558016.384160720.52	558016.38	4160720.52	WRKR_9	WORKER	3.39E-01	1.93E-05	7.53E+00	7.32E-04	6.66E-01	9.15E-05	8.54E+00
558016.384160730.52	558016.38	4160730.52	WRKR_10	WORKER	3.30E-01	1.92E-05	7.34E+00	7.27E-04	6.49E-01	9.09E-05	8.32E+00
558016.384160740.52	558016.38	4160740.52	WRKR_11	WORKER	3.20E-01	1.90E-05	7.11E+00	7.22E-04	6.28E-01	9.02E-05	8.06E+00
558026.384160710.52	558026.38	4160710.52	WRKR_12	WORKER	3.93E-01	2.00E-05	8.74E+00	7.60E-04	7.73E-01	9.50E-05	9.91E+00
558026.384160720.52	558026.38	4160720.52	WRKR_13	WORKER	3.87E-01	1.99E-05	8.61E+00	7.57E-04	7.61E-01	9.47E-05	9.76E+00
558026.384160730.52	558026.38	4160730.52	WRKR_14	WORKER	3.76E-01	1.98E-05	8.35E+00	7.52E-04	7.38E-01	9.41E-05	9.47E+00
558026.384160740.52	558026.38	4160740.52	WRKR_15	WORKER	3.62E-01	1.97E-05	8.04E+00	7.46E-04	7.11E-01	9.33E-05	9.12E+00
558277.534160581.24	558277.53	4160581.24	WRKR_16	WORKER	1.04E+00	9.83E-05	2.31E+01	3.73E-03	2.05E+00	4.67E-04	2.62E+01
558277.534160591.24	558277.53	4160591.24	WRKR_17	WORKER	1.26E+00	1.01E-04	2.79E+01	3.84E-03	2.47E+00	4.80E-04	3.17E+01
558287.534160581.24	558287.53	4160581.24	WRKR_18	WORKER	1.02E+00	1.11E-04	2.26E+01	4.21E-03	2.00E+00	5.27E-04	2.56E+01
558287.534160591.24	558287.53	4160591.24	WRKR_19	WORKER	1.21E+00	1.15E-04	2.69E+01	4.35E-03	2.38E+00	5.45E-04	3.05E+01
558297.534160581.24	558297.53	4160581.24	WRKR_20	WORKER	9.80E-01	1.27E-04	2.18E+01	4.81E-03	1.93E+00	6.01E-04	2.47E+01
558297.534160591.24	558297.53	4160591.24	WRKR_21	WORKER	1.16E+00	1.32E-04	2.59E+01	5.01E-03	2.29E+00	6.26E-04	2.93E+01
558307.534160581.24	558307.53	4160581.24	WRKR_22	WORKER	9.38E-01	1.46E-04	2.08E+01	5.53E-03	1.84E+00	6.91E-04	2.36E+01
558307.534160591.24	558307.53	4160591.24	WRKR_23	WORKER	1.12E+00	1.54E-04	2.49E+01	5.83E-03	2.20E+00	7.29E-04	2.82E+01
558317.534160581.24	558317.53	4160581.24	WRKR_24	WORKER	8.99E-01	1.68E-04	2.00E+01	6.39E-03	1.77E+00	7.98E-04	2.27E+01
558317.534160591.24	558317.53	4160591.24	WRKR_25	WORKER	1.07E+00	1.81E-04	2.39E+01	6.87E-03	2.11E+00	8.59E-04	2.71E+01
558327.534160581.24	558327.53	4160581.24	WRKR_26	WORKER	8.60E-01	1.94E-04	1.91E+01	7.37E-03	1.69E+00	9.22E-04	2.17E+01
558327.534160591.24	558327.53	4160591.24	WRKR_27	WORKER	1.03E+00	2.15E-04	2.29E+01	8.17E-03	2.03E+00	1.02E-03	2.60E+01
558337.534160581.24	558337.53	4160581.24	WRKR_28	WORKER	8.16E-01	2.20E-04	1.81E+01	8.36E-03	1.60E+00	1.05E-03	2.06E+01
558101.054160547.13	558101.05	4160547.13	WRKR_29	WORKER	4.62E-01	2.85E-05	1.03E+01	1.08E-03	9.07E-01	1.35E-04	1.16E+01
558101.054160557.13	558101.05	4160557.13	WRKR_30	WORKER	5.03E-01	2.87E-05	1.12E+01	1.09E-03	9.89E-01	1.36E-04	1.27E+01
558111.054160547.13	558111.05	4160547.13	WRKR_31	WORKER	4.91E-01	2.99E-05	1.09E+01	1.13E-03	9.65E-01	1.42E-04	1.24E+01
558111.054160557.13	558111.05	4160557.13	WRKR_32	WORKER	5.38E-01	3.01E-05	1.20E+01	1.14E-03	1.06E+00	1.43E-04	1.36E+01
558111.054160567.13	558111.05	4160567.13	WRKR_33	WORKER	5.92E-01	3.02E-05	1.31E+01	1.15E-03	1.16E+00	1.43E-04	1.49E+01
558121.054160537.13	558121.05	4160537.13	WRKR_34	WORKER	4.74E-01	3.11E-05	1.05E+01	1.18E-03	9.32E-01	1.48E-04	1.19E+01
558121.054160547.13	558121.05	4160547.13	WRKR_35	WORKER	5.21E-01	3.13E-05	1.16E+01	1.19E-03	1.02E+00	1.49E-04	1.31E+01
558121.054160557.13	558121.05	4160557.13	WRKR_36	WORKER	5.73E-01	3.15E-05	1.27E+01	1.20E-03	1.13E+00	1.50E-04	1.44E+01
558121.054160567.13	558121.05	4160567.13	WRKR_37	WORKER	6.34E-01	3.17E-05	1.41E+01	1.20E-03	1.25E+00	1.50E-04	1.60E+01
558121.054160577.13	558121.05	4160577.13	WRKR_38	WORKER	7.03E-01	3.18E-05	1.56E+01	1.21E-03	1.38E+00	1.51E-04	1.77E+01
558121.054160587.13	558121.05	4160587.13	WRKR_39	WORKER	7.82E-01	3.18E-05	1.74E+01	1.21E-03	1.54E+00	1.51E-04	1.97E+01
558131.054160527.13	558131.05	4160527.13	WRKR_40	WORKER	4.53E-01	3.24E-05	1.01E+01	1.23E-03	8.90E-01	1.54E-04	1.14E+01
558131.054160537.13	558131.05	4160537.13	WRKR_41	WORKER	4.98E-01	3.26E-05	1.11E+01	1.24E-03	9.79E-01	1.55E-04	1.26E+01
558131.054160547.13	558131.05	4160547.13	WRKR_42	WORKER	5.50E-01	3.29E-05	1.22E+01	1.25E-03	1.08E+00	1.56E-04	1.38E+01
558131.054160557.13	558131.05	4160557.13	WRKR_43	WORKER	6.09E-01	3.31E-05	1.35E+01	1.26E-03	1.20E+00	1.57E-04	1.53E+01
558131.054160567.13	558131.05	4160567.13	WRKR_44	WORKER	6.76E-01	3.33E-05	1.50E+01	1.26E-03	1.33E+00	1.58E-04	1.70E+01
558131.054160577.13	558131.05	4160577.13	WRKR_45	WORKER	7.55E-01	3.34E-05	1.68E+01	1.27E-03	1.48E+00	1.58E-04	1.90E+01
558131.054160587.13	558131.05	4160587.13	WRKR_46	WORKER	8.45E-01	3.34E-05	1.88E+01	1.27E-03	1.66E+00	1.59E-04	2.13E+01
558131.054160597.13	558131.05	4160597.13	WRKR_47	WORKER	9.48E-01	3.35E-05	2.11E+01	1.27E-03	1.86E+00	1.59E-04	2.39E+01
558141.054160527.13	558141.05	4160527.13	WRKR_48	WORKER	4.72E-01	3.40E-05	1.05E+01	1.29E-03	9.27E-01	1.61E-04	1.19E+01
558141.054160537.13	558141.05	4160537.13	WRKR_49	WORKER	5.21E-01	3.43E-05	1.16E+01	1.30E-03	1.02E+00	1.63E-04	1.31E+01
558141.054160547.13	558141.05	4160547.13	WRKR_50	WORKER	5.78E-01	3.46E-05	1.29E+01	1.31E-03	1.14E+00	1.64E-04	1.46E+01
558141.054160557.13	558141.05	4160557.13	WRKR_51	WORKER	6.44E-01	3.48E-05	1.43E+01	1.32E-03	1.27E+00	1.65E-04	1.62E+01
558141.054160567.13	558141.05	4160567.13	WRKR_52	WORKER	7.21E-01	3.50E-05	1.60E+01	1.33E-03	1.42E+00	1.66E-04	1.82E+01
558141.054160577.13	558141.05	4160577.13	WRKR_53	WORKER	8.09E-01	3.51E-05	1.80E+01	1.33E-03	1.59E+00	1.67E-04	2.04E+01
558141.054160587.13	558141.05	4160587.13	WRKR_54	WORKER	9.11E-01	3.52E-05	2.02E+01	1.34E-03	1.79E+00	1.67E-04	2.30E+01
558141.054160597.13	558141.05	4160597.13	WRKR_55	WORKER	1.03E+00	3.53E-05	2.28E+01	1.34E-03	2.02E+00	1.67E-04	2.59E+01
558141.054160607.13	558141.05	4160607.13	WRKR_56	WORKER	1.16E+00	3.52E-05	2.58E+01	1.34E-03	2.28E+00	1.67E-04	2.92E+01
558151.054160537.13	558151.05	4160537.13	WRKR_57	WORKER	5.43E-01	3.61E-05	1.21E+01	1.37E-03	1.07E+00	1.71E-04	1.37E+01
558151.054160547.13	558151.05	4160547.13	WRKR_58	WORKER	6.06E-01	3.64E-05	1.35E+01	1.38E-03	1.19E+00	1.73E-04	1.53E+01
558151.054160557.13	558151.05	4160557.13	WRKR_59	WORKER	6.79E-01	3.67E-05	1.51E+01	1.39E-03	1.33E+00	1.74E-04	1.71E+01
558151.054160567.13	558151.05	4160567.13	WRKR_60	WORKER	7.65E-01	3.69E-05	1.70E+01	1.40E-03	1.50E+00	1.75E-04	1.93E+01
558151.054160577.13	558151.05	4160577.13	WRKR_61	WORKER	8.65E-01	3.71E-05	1.92E+01	1.41E-03	1.70E+00	1.76E-04	2.18E+01
558151.054160587.13	558151.05	4160587.13	WRKR_62	WORKER	9.80E-01	3.72E-05	2.18E+01	1.41E-03	1.93E+00	1.76E-04	2.47E+01
558151.054160597.13	558151.05	4160597.13	WRKR_63	WORKER	1.12E+00	3.72E-05	2.50E+01	1.41E-03	2.21E+00	1.77E-04	2.83E+01
558151.054160607.13	558151.05	4160607.13	WRKR_64	WORKER	1.29E+00	3.72E-05	2.86E+01	1.41E-03	2.53E+00	1.77E-04	3.24E+01
558151.054160617.13	558151.05	4160617.13	WRKR_65	WORKER	1.47E+00	3.71E-05	3.27E+01	1.41E-03	2.89E+00	1.76E-04	3.70E+01
558161.054160547.13	558161.05	4160547.13	WRKR_66	WORKER	6.37E-01	3.84E-05	1.42E+01	1.46E-03	1.25E+00	1.82E-04	1.61E+01
558161.054160557.13	558161.05	4160557.13	WRKR_67	WORKER	7.14E-01	3.87E-05	1.59E+01	1.47E-03	1.40E+00	1.84E-04	1.80E+01
558161.054160567.13	558161.05	4160567.13	WRKR_68	WORKER	8.10E-01	3.90E-05	1.80E+01	1.48E-03	1.59E+00	1.85E-04	2.04E+01
558161.054160577.13	558161.05	4160577.13	WRKR_69	WORKER	9.22E-01	3.92E-05	2.05E+01	1.49E-03	1.81E+00	1.86E-04	2.32E+01
558161.054160587.13	558161.05	4160587.13	WRKR_70	WORKER	1.05E+00	3.93E-05	2.34E+01	1.49E-03	2.07E+00	1.87E-04	2.65E+01
558161.054160597.13	558161.05	4160597.13	WRKR_71	WORKER	1.23E+00	3.94E-05	2.74E+01	1.50E-03	2.42E+00	1.87E-04	3.10E+01
558161.054160607.13	558161.05	4160607.13	WRKR_72	WORKER	1.41E+00	3.93E-05	3.13E+01	1.49E-03	2.77E+00	1.87E-04	3.55E+01

Cancer Risk

					AE		AH		
					3rd Tri		0<2		2<16		Total Cancer Risk (cases per million)
					Cancer Risk (cases per million)		Cancer Risk (cases per million)		Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD	
558171.054160557.13	558171.05	4160557.13	WRKR_73	WORKER	7.54E-01	4.10E-05	1.68E+01	1.55E-03	1.48E+00	1.94E-04	1.90E+01
558171.054160567.13	558171.05	4160567.13	WRKR_74	WORKER	8.52E-01	4.12E-05	1.89E+01	1.57E-03	1.67E+00	1.96E-04	2.15E+01
558171.054160577.13	558171.05	4160577.13	WRKR_75	WORKER	9.77E-01	4.15E-05	2.17E+01	1.58E-03	1.92E+00	1.97E-04	2.46E+01
558171.054160587.13	558171.05	4160587.13	WRKR_76	WORKER	1.12E+00	4.17E-05	2.50E+01	1.58E-03	2.21E+00	1.98E-04	2.83E+01
558171.054160597.13	558171.05	4160597.13	WRKR_77	WORKER	1.33E+00	4.18E-05	2.96E+01	1.59E-03	2.61E+00	1.98E-04	3.35E+01
558181.054160567.13	558181.05	4160567.13	WRKR_78	WORKER	9.01E-01	4.38E-05	2.00E+01	1.66E-03	1.77E+00	2.08E-04	2.27E+01
558181.054160577.13	558181.05	4160577.13	WRKR_79	WORKER	1.03E+00	4.41E-05	2.30E+01	1.67E-03	2.03E+00	2.09E-04	2.60E+01
558181.054160587.13	558181.05	4160587.13	WRKR_80	WORKER	1.20E+00	4.43E-05	2.67E+01	1.68E-03	2.36E+00	2.10E-04	3.02E+01
558191.054160577.13	558191.05	4160577.13	WRKR_81	WORKER	1.08E+00	4.68E-05	2.40E+01	1.78E-03	2.12E+00	2.22E-04	2.72E+01
558368.544160582.33	558368.54	4160582.33	WRKR_82	WORKER	7.19E-01	3.07E-04	1.60E+01	1.17E-02	1.41E+00	1.46E-03	1.81E+01
558378.544160582.33	558378.54	4160582.33	WRKR_83	WORKER	6.81E-01	3.23E-04	1.51E+01	1.23E-02	1.34E+00	1.53E-03	1.72E+01
558378.544160592.33	558378.54	4160592.33	WRKR_84	WORKER	7.71E-01	3.94E-04	1.71E+01	1.49E-02	1.52E+00	1.87E-03	1.94E+01
558378.544160602.33	558378.54	4160602.33	WRKR_85	WORKER	8.69E-01	4.82E-04	1.93E+01	1.83E-02	1.71E+00	2.29E-03	2.19E+01
558378.544160612.33	558378.54	4160612.33	WRKR_86	WORKER	1.01E+00	6.46E-04	2.25E+01	2.45E-02	1.99E+00	3.07E-03	2.55E+01
558388.544160582.33	558388.54	4160582.33	WRKR_87	WORKER	6.37E-01	3.39E-04	1.42E+01	1.29E-02	1.25E+00	1.61E-03	1.61E+01
558388.544160592.33	558388.54	4160592.33	WRKR_88	WORKER	7.16E-01	4.17E-04	1.59E+01	1.58E-02	1.41E+00	1.98E-03	1.80E+01
558388.544160602.33	558388.54	4160602.33	WRKR_89	WORKER	8.01E-01	5.13E-04	1.78E+01	1.95E-02	1.57E+00	2.43E-03	2.02E+01
558388.544160612.33	558388.54	4160612.33	WRKR_90	WORKER	9.31E-01	4.56E-04	2.07E+01	1.73E-02	1.83E+00	2.16E-03	2.35E+01
558398.544160582.33	558398.54	4160582.33	WRKR_91	WORKER	5.88E-01	3.58E-04	1.31E+01	1.36E-02	1.16E+00	1.70E-03	1.48E+01
558398.544160592.33	558398.54	4160592.33	WRKR_92	WORKER	6.58E-01	4.30E-04	1.46E+01	1.63E-02	1.29E+00	2.04E-03	1.66E+01
558398.544160602.33	558398.54	4160602.33	WRKR_93	WORKER	7.41E-01	5.42E-04	1.65E+01	2.06E-02	1.46E+00	2.57E-03	1.87E+01
558398.544160612.33	558398.54	4160612.33	WRKR_94	WORKER	8.52E-01	5.06E-04	1.89E+01	1.92E-02	1.67E+00	2.40E-03	2.15E+01
557976.094160490.12	557976.09	4160490.12	HLTN_1	RESIDENT	1.43E-01	1.71E-05	3.17E+00	6.50E-04	2.80E-01	8.12E-05	3.59E+00
557976.094160500.12	557976.09	4160500.12	HLTN_2	RESIDENT	1.48E-01	1.72E-05	3.29E+00	6.54E-04	2.91E-01	8.18E-05	3.73E+00
557976.094160510.12	557976.09	4160510.12	HLTN_3	RESIDENT	1.55E-01	1.74E-05	3.44E+00	6.59E-04	3.04E-01	8.24E-05	3.89E+00
557976.094160520.12	557976.09	4160520.12	HLTN_4	RESIDENT	1.61E-01	1.75E-05	3.58E+00	6.63E-04	3.16E-01	8.29E-05	4.05E+00
557976.094160530.12	557976.09	4160530.12	HLTN_5	RESIDENT	1.66E-01	1.76E-05	3.69E+00	6.67E-04	3.27E-01	8.33E-05	4.19E+00
557986.094160480.12	557986.09	4160480.12	HLTN_6	RESIDENT	1.47E-01	1.76E-05	3.27E+00	6.67E-04	2.89E-01	8.35E-05	3.70E+00
557986.094160490.12	557986.09	4160490.12	HLTN_7	RESIDENT	1.55E-01	1.78E-05	3.45E+00	6.74E-04	3.05E-01	8.42E-05	3.91E+00
557986.094160500.12	557986.09	4160500.12	HLTN_8	RESIDENT	1.61E-01	1.79E-05	3.58E+00	6.78E-04	3.16E-01	8.48E-05	4.05E+00
557986.094160510.12	557986.09	4160510.12	HLTN_9	RESIDENT	1.67E-01	1.80E-05	3.71E+00	6.82E-04	3.28E-01	8.53E-05	4.20E+00
557986.094160520.12	557986.09	4160520.12	HLTN_10	RESIDENT	1.73E-01	1.81E-05	3.84E+00	6.86E-04	3.40E-01	8.58E-05	4.36E+00
557986.094160530.12	557986.09	4160530.12	HLTN_11	RESIDENT	1.79E-01	1.82E-05	3.98E+00	6.89E-04	3.52E-01	8.62E-05	4.51E+00
557996.094160480.12	557996.09	4160480.12	HLTN_12	RESIDENT	1.59E-01	1.83E-05	3.53E+00	6.93E-04	3.12E-01	8.66E-05	4.01E+00
557996.094160490.12	557996.09	4160490.12	HLTN_13	RESIDENT	1.65E-01	1.84E-05	3.68E+00	6.98E-04	3.25E-01	8.72E-05	4.17E+00
557996.094160500.12	557996.09	4160500.12	HLTN_14	RESIDENT	1.72E-01	1.85E-05	3.82E+00	7.02E-04	3.38E-01	8.78E-05	4.33E+00
557996.094160510.12	557996.09	4160510.12	HLTN_15	RESIDENT	1.79E-01	1.86E-05	3.98E+00	7.06E-04	3.52E-01	8.83E-05	4.51E+00
557996.094160520.12	557996.09	4160520.12	HLTN_16	RESIDENT	1.86E-01	1.87E-05	4.13E+00	7.10E-04	3.65E-01	8.87E-05	4.68E+00
557996.094160530.12	557996.09	4160530.12	HLTN_17	RESIDENT	1.93E-01	1.88E-05	4.29E+00	7.13E-04	3.80E-01	8.92E-05	4.87E+00
557996.094160540.12	557996.09	4160540.12	HLTN_18	RESIDENT	2.01E-01	1.89E-05	4.46E+00	7.16E-04	3.94E-01	8.95E-05	5.05E+00
557996.094160550.12	557996.09	4160550.12	HLTN_19	RESIDENT	2.08E-01	1.89E-05	4.63E+00	7.18E-04	4.09E-01	8.98E-05	5.24E+00
557996.094160560.12	557996.09	4160560.12	HLTN_20	RESIDENT	2.16E-01	1.90E-05	4.79E+00	7.20E-04	4.24E-01	9.01E-05	5.43E+00
557996.094160570.12	557996.09	4160570.12	HLTN_21	RESIDENT	2.23E-01	1.90E-05	4.96E+00	7.21E-04	4.39E-01	9.02E-05	5.62E+00
558006.094160480.12	558006.09	4160480.12	HLTN_22	RESIDENT	1.69E-01	1.89E-05	3.76E+00	7.17E-04	3.32E-01	8.96E-05	4.26E+00
558006.094160490.12	558006.09	4160490.12	HLTN_23	RESIDENT	1.76E-01	1.90E-05	3.92E+00	7.21E-04	3.46E-01	9.02E-05	4.44E+00
558006.094160500.12	558006.09	4160500.12	HLTN_24	RESIDENT	1.84E-01	1.91E-05	4.09E+00	7.26E-04	3.61E-01	9.08E-05	4.63E+00
558006.094160510.12	558006.09	4160510.12	HLTN_25	RESIDENT	1.92E-01	1.92E-05	4.26E+00	7.30E-04	3.77E-01	9.13E-05	4.83E+00
558006.094160520.12	558006.09	4160520.12	HLTN_26	RESIDENT	2.00E-01	1.93E-05	4.45E+00	7.34E-04	3.93E-01	9.18E-05	5.04E+00
558006.094160530.12	558006.09	4160530.12	HLTN_27	RESIDENT	2.08E-01	1.94E-05	4.63E+00	7.38E-04	4.10E-01	9.23E-05	5.25E+00
558006.094160540.12	558006.09	4160540.12	HLTN_28	RESIDENT	2.17E-01	1.95E-05	4.83E+00	7.41E-04	4.27E-01	9.27E-05	5.47E+00
558006.094160550.12	558006.09	4160550.12	HLTN_29	RESIDENT	2.26E-01	1.96E-05	5.03E+00	7.44E-04	4.44E-01	9.30E-05	5.70E+00
558006.094160560.12	558006.09	4160560.12	HLTN_30	RESIDENT	2.35E-01	1.97E-05	5.23E+00	7.46E-04	4.62E-01	9.33E-05	5.92E+00
558006.094160570.12	558006.09	4160570.12	HLTN_31	RESIDENT	2.44E-01	1.97E-05	5.42E+00	7.47E-04	4.80E-01	9.34E-05	6.15E+00
558016.094160480.12	558016.09	4160480.12	HLTN_32	RESIDENT	1.79E-01	1.95E-05	3.99E+00	7.42E-04	3.53E-01	9.27E-05	4.52E+00
558016.094160490.12	558016.09	4160490.12	HLTN_33	RESIDENT	1.88E-01	1.97E-05	4.17E+00	7.47E-04	3.69E-01	9.33E-05	4.73E+00
558016.094160500.12	558016.09	4160500.12	HLTN_34	RESIDENT	1.96E-01	1.98E-05	4.37E+00	7.52E-04	3.86E-01	9.40E-05	4.95E+00
558016.094160510.12	558016.09	4160510.12	HLTN_35	RESIDENT	2.06E-01	1.99E-05	4.57E+00	7.56E-04	4.04E-01	9.45E-05	5.18E+00
558016.094160520.12	558016.09	4160520.12	HLTN_36	RESIDENT	2.15E-01	2.00E-05	4.78E+00	7.60E-04	4.23E-01	9.50E-05	5.42E+00
558016.094160530.12	558016.09	4160530.12	HLTN_37	RESIDENT	2.25E-01	2.01E-05	5.00E+00	7.65E-04	4.42E-01	9.56E-05	5.67E+00
558016.094160540.12	558016.09	4160540.12	HLTN_38	RESIDENT	2.35E-01	2.02E-05	5.23E+00	7.68E-04	4.62E-01	9.61E-05	5.92E+00
558016.094160550.12	558016.09	4160550.12	HLTN_39	RESIDENT	2.46E-01	2.03E-05	5.46E+00	7.71E-04	4.83E-01	9.64E-05	6.19E+00
558016.094160560.12	558016.09	4160560.12	HLTN_40	RESIDENT	2.57E-01	2.04E-05	5.71E+00	7.73E-04	5.05E-01	9.67E-05	6.47E+00
558016.094160570.12	558016.09	4160570.12	HLTN_41	RESIDENT	2.68E-01	2.04E-05	5.95E+00	7.75E-04	5.26E-01	9.69E-05	6.74E+00
558026.094160480.12	558026.09	4160480.12	HLTN_42	RESIDENT	1.90E-01	2.02E-05	4.23E+00	7.68E-04	3.74E-01	9.60E-05	4.80E+00
558026.094160490.12	558026.09	4160490.12	HLTN_43	RESIDENT	2.00E-01	2.04E-05	4.44E+00	7.74E-04	3.93E-01	9.67E-05	5.03E+00
558026.094160500.12	558026.09	4160500.12	HLTN_44	RESIDENT	2.10E-01	2.05E-05	4.66E+00	7.78E-04	4.12E-01	9.73E-05	5.28E+00
558026.094160510.12	558026.09	4160510.12	HLTN_45	RESIDENT	2.20E-01	2.06E-05	4.88E+00	7.82E-04	4.32E-01	9.78E-05	5.54E+00
558026.094160520.12	558026.09	4160520.12	HLTN_46	RESIDENT	2.31E-01	2.07E-05	5.14E+00	7.87E-04	4.54E-01	9.84E-05	5.82E+00
558026.094160530.12	558026.09	4160530.12	HLTN_47	RESIDENT	2.43E-01	2.09E-05	5.40E+00	7.93E-04	4.77E-01	9.91E-05	6.12E+00
558026.094160540.12	558026.09	4160540.12	HLTN_48	RESIDENT	2.55E-01	2.10E-05	5.66E+00	7.97E-04	5.01E-01	9.97E-05	6.42E+00
558026.094160550.12	558026.09	4160550.12	HLTN_49	RESIDENT	2.67E-01	2.11E-05	5.94E+00	8.00E-04	5.25E-01	1.00E-04	6.74E+00
558026.094160560.12	558026.09	4160560.12	HLTN_50	RESIDENT	2.80E-01	2.11E-05	6.23E+00	8.03E-04	5.51E-01	1.00E-04	7.06E+00
558026.094160570.12	558026.09	4160570.12	HLTN_51	RESIDENT	2.94E-01	2.12E-05	6.53E+00	8.04E-04	5.77E-01	1.01E-04	7.40E+00
558036.094160480.12	558036.09	4160480.12	HLTN_52	RESIDENT	2.01E-01	2.09E-05	4.47E+00	7.94E-04	3.95E-01	9.93E-05	5.07E+00
558036.094160490.12	558036.09	4160490.12	HLTN_53	RESIDENT	2.12E-01	2.11E-05	4.72E+00	8.00E-04	4.17E-01	1.00E-04	5.35E+00
558036.094160500.12	558036.09	4160500.12	HLTN_54	RESIDENT	2.22E-01	2.12E-05	4.93E+00	8.05E-04	4.36E-01	1.01E-04	5.59E+00
558036.094160510.12	558036.09	4160510.12	HLTN_55	RESIDENT	2.31E-01	2.13E-05	5.12E+00	8.08E-04	4.53E-01	1.01E-04	5.81E+00
558036.094160520.12	558036.09	4160520.12	HLTN_56	RESIDENT	2.45E-01	2.15E-05	5.45E+00	8.15E-04	4.82E-01	1.02E-04	6.18E+00
558036.094160530.12	558036.09	4160530.12	HLTN_57	RESIDENT	2.62E-01	2.17E-05	5.82E+00	8.23E-04	5.14E-01	1.03E-04	6.59E+00
558036.094160540.12	558036.09	4160540.12	HLTN_58	RESIDENT	2.76E-01	2.18E-05	6.13E+00	8.27E-04	5.42E-01	1.03E-04	6.95E+00
558036.094160550.12	558036.09	4160550.12	HLTN_59	RESIDENT	2.91E-01	2.19E-05	6.46E+00	8.31E-04	5.71E-01	1.04E-04	7.32E+00
558036.094160560.12	558036.09	4160560.12	HLTN_60	RESIDENT	3.06E-01	2.20E-05	6.81E+00	8.33E-04	6.02E-01	1.04E-04	7.72E+00
558046.094160480.12	558046.09	4160480.12	HLTN_61	RESIDENT	2.08E-01	2.16E-05	4.62E+00	8.19E-04	4.08E-01	1.02E-04	5.23E+00
558046.094160490.12	558046.09	4160490.12	HLTN_62	RESIDENT	2.19E-01	2.17E-05	4.88E+00	8.25E-04	4.31E-01	1.03E-04	5.53E+00
558046.094160500.12	558046.09	4160500.12	HLTN_63	RESIDENT	2.31E-01	2.19E-05	5.13E+00	8.30E-04	4.53E-01	1.04E-04	5.81E+00
558046.094160510.12	558046.09	4160510.12	HLTN_64	RESIDENT	2.43E-01	2.20E-05	5.40E+00	8.34E-04	4.77E-01	1.04E-04	6.12E+00
558046.094160520.12	558046.09	4160520.12	HLTN_65	RESIDENT	2.61E-01	2.23E-05	5.80E+00	8.45E-04	5.12E-01	1.06E-04	6.57E+00

Cancer Risk

					AE		AH		
					3rd Tri		0<2		2<16		Total Cancer Risk (cases per million)
					Cancer Risk (cases per million)		Cancer Risk (cases per million)		Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD	
558046.094160530.12	558046.09	4160530.12	HLTN_66	RESIDENT	2.82E-01	2.25E-05	6.26E+00	8.54E-04	5.54E-01	1.07E-04	7.10E+00
558046.094160540.12	558046.09	4160540.12	HLTN_67	RESIDENT	2.98E-01	2.26E-05	6.63E+00	8.59E-04	5.86E-01	1.07E-04	7.51E+00
558046.094160550.12	558046.09	4160550.12	HLTN_68	RESIDENT	3.16E-01	2.27E-05	7.02E+00	8.63E-04	6.20E-01	1.08E-04	7.95E+00
558056.094160480.12	558056.09	4160480.12	HLTN_69	RESIDENT	2.18E-01	2.24E-05	4.84E+00	8.48E-04	4.28E-01	1.06E-04	5.49E+00
558056.094160490.12	558056.09	4160490.12	HLTN_70	RESIDENT	2.30E-01	2.25E-05	5.11E+00	8.54E-04	4.52E-01	1.07E-04	5.79E+00
558056.094160500.12	558056.09	4160500.12	HLTN_71	RESIDENT	2.42E-01	2.26E-05	5.38E+00	8.58E-04	4.76E-01	1.07E-04	6.10E+00
558056.094160510.12	558056.09	4160510.12	HLTN_72	RESIDENT	2.57E-01	2.28E-05	5.71E+00	8.64E-04	5.05E-01	1.08E-04	6.47E+00
558056.094160520.12	558056.09	4160520.12	HLTN_73	RESIDENT	2.79E-01	2.31E-05	6.21E+00	8.79E-04	5.49E-01	1.10E-04	7.04E+00
558056.094160530.12	558056.09	4160530.12	HLTN_74	RESIDENT	3.03E-01	2.34E-05	6.73E+00	8.88E-04	5.95E-01	1.11E-04	7.63E+00
558056.094160540.12	558056.09	4160540.12	HLTN_75	RESIDENT	3.22E-01	2.35E-05	7.15E+00	8.94E-04	6.32E-01	1.12E-04	8.10E+00
558066.094160480.12	558066.09	4160480.12	HLTN_76	RESIDENT	2.36E-01	2.34E-05	5.25E+00	8.90E-04	4.64E-01	1.11E-04	5.95E+00
558066.094160490.12	558066.09	4160490.12	HLTN_77	RESIDENT	2.50E-01	2.36E-05	5.55E+00	8.95E-04	4.91E-01	1.12E-04	6.29E+00
558066.094160500.12	558066.09	4160500.12	HLTN_78	RESIDENT	2.58E-01	2.36E-05	5.74E+00	8.95E-04	5.07E-01	1.12E-04	6.50E+00
558066.094160510.12	558066.09	4160510.12	HLTN_79	RESIDENT	2.80E-01	2.39E-05	6.22E+00	9.07E-04	5.50E-01	1.13E-04	7.05E+00
558066.094160520.12	558066.09	4160520.12	HLTN_80	RESIDENT	3.04E-01	2.42E-05	6.75E+00	9.18E-04	5.97E-01	1.15E-04	7.65E+00
558066.094160530.12	558066.09	4160530.12	HLTN_81	RESIDENT	3.24E-01	2.44E-05	7.20E+00	9.25E-04	6.37E-01	1.16E-04	8.16E+00
558076.094160480.12	558076.09	4160480.12	HLTN_82	RESIDENT	2.47E-01	2.44E-05	5.50E+00	9.27E-04	4.86E-01	1.16E-04	6.24E+00
558076.094160490.12	558076.09	4160490.12	HLTN_83	RESIDENT	2.64E-01	2.46E-05	5.87E+00	9.33E-04	5.19E-01	1.17E-04	6.65E+00
558076.094160500.12	558076.09	4160500.12	HLTN_84	RESIDENT	2.73E-01	2.45E-05	6.06E+00	9.31E-04	5.36E-01	1.16E-04	6.87E+00
558076.094160510.12	558076.09	4160510.12	HLTN_85	RESIDENT	3.01E-01	2.50E-05	6.70E+00	9.47E-04	5.92E-01	1.18E-04	7.59E+00
558076.094160520.12	558076.09	4160520.12	HLTN_86	RESIDENT	3.23E-01	2.52E-05	7.17E+00	9.57E-04	6.34E-01	1.20E-04	8.13E+00
558086.094160490.12	558086.09	4160490.12	HLTN_87	RESIDENT	2.74E-01	2.56E-05	6.09E+00	9.70E-04	5.39E-01	1.21E-04	6.91E+00
558086.094160500.12	558086.09	4160500.12	HLTN_88	RESIDENT	2.90E-01	2.57E-05	6.45E+00	9.75E-04	5.70E-01	1.22E-04	7.31E+00
558086.094160510.12	558086.09	4160510.12	HLTN_89	RESIDENT	3.18E-01	2.60E-05	7.08E+00	9.89E-04	6.26E-01	1.24E-04	8.02E+00
558096.094160490.12	558096.09	4160490.12	HLTN_90	RESIDENT	2.85E-01	2.66E-05	6.33E+00	1.01E-03	5.60E-01	1.26E-04	7.18E+00
558096.094160500.12	558096.09	4160500.12	HLTN_91	RESIDENT	3.11E-01	2.69E-05	6.91E+00	1.02E-03	6.11E-01	1.28E-04	7.83E+00
558186.784160496.28	558186.78	4160496.28	WRKR_95	WORKER	3.60E-01	4.16E-05	8.01E+00	1.58E-03	7.08E-01	1.97E-04	9.08E+00
558186.784160506.28	558186.78	4160506.28	WRKR_96	WORKER	3.96E-01	4.18E-05	8.80E+00	1.59E-03	7.78E-01	1.98E-04	9.97E+00
558196.784160496.28	558196.78	4160496.28	WRKR_97	WORKER	3.61E-01	4.42E-05	8.02E+00	1.68E-03	7.09E-01	2.10E-04	9.09E+00
558196.784160506.28	558196.78	4160506.28	WRKR_98	WORKER	3.95E-01	4.45E-05	8.78E+00	1.69E-03	7.76E-01	2.11E-04	9.95E+00
558196.784160516.28	558196.78	4160516.28	WRKR_99	WORKER	4.39E-01	4.49E-05	9.75E+00	1.70E-03	8.62E-01	2.13E-04	1.11E+01
558196.784160526.28	558196.78	4160526.28	WRKR_100	WORKER	4.97E-01	4.56E-05	1.11E+01	1.73E-03	9.78E-01	2.16E-04	1.25E+01
558206.784160506.28	558206.78	4160506.28	WRKR_101	WORKER	3.94E-01	4.75E-05	8.76E+00	1.80E-03	7.74E-01	2.26E-04	9.93E+00
558206.784160516.28	558206.78	4160516.28	WRKR_102	WORKER	4.39E-01	4.81E-05	9.76E+00	1.83E-03	8.63E-01	2.28E-04	1.11E+01
558206.784160526.28	558206.78	4160526.28	WRKR_103	WORKER	4.92E-01	4.86E-05	1.09E+01	1.85E-03	9.68E-01	2.31E-04	1.24E+01
558206.784160536.28	558206.78	4160536.28	WRKR_104	WORKER	5.63E-01	4.94E-05	1.25E+01	1.87E-03	1.11E+00	2.34E-04	1.42E+01
558216.784160516.28	558216.78	4160516.28	WRKR_105	WORKER	4.36E-01	5.15E-05	9.68E+00	1.95E-03	8.56E-01	2.44E-04	1.10E+01
558216.784160526.28	558216.78	4160526.28	WRKR_106	WORKER	4.88E-01	5.22E-05	1.08E+01	1.98E-03	9.58E-01	2.48E-04	1.23E+01
558216.784160536.28	558216.78	4160536.28	WRKR_107	WORKER	5.51E-01	5.28E-05	1.22E+01	2.01E-03	1.08E+00	2.51E-04	1.39E+01
558216.784160546.28	558216.78	4160546.28	WRKR_108	WORKER	6.32E-01	5.35E-05	1.40E+01	2.03E-03	1.24E+00	2.54E-04	1.59E+01
558226.784160526.28	558226.78	4160526.28	WRKR_109	WORKER	4.81E-01	5.60E-05	1.07E+01	2.13E-03	9.45E-01	2.66E-04	1.21E+01
558226.784160536.28	558226.78	4160536.28	WRKR_110	WORKER	5.45E-01	5.69E-05	1.21E+01	2.16E-03	1.07E+00	2.70E-04	1.37E+01
558226.784160546.28	558226.78	4160546.28	WRKR_111	WORKER	6.25E-01	5.78E-05	1.39E+01	2.19E-03	1.23E+00	2.74E-04	1.57E+01
558236.784160536.28	558236.78	4160536.28	WRKR_112	WORKER	5.30E-01	6.13E-05	1.18E+01	2.33E-03	1.04E+00	2.91E-04	1.34E+01
558115.174160402.59	558115.17	4160402.59	WRKR_113	WORKER	1.67E-01	2.67E-05	3.71E+00	1.01E-03	3.28E-01	1.27E-04	4.20E+00
558115.174160412.59	558115.17	4160412.59	WRKR_114	WORKER	1.78E-01	2.70E-05	3.96E+00	1.02E-03	3.50E-01	1.28E-04	4.48E+00
558115.174160422.59	558115.17	4160422.59	WRKR_115	WORKER	1.90E-01	2.72E-05	4.23E+00	1.03E-03	3.74E-01	1.29E-04	4.79E+00
558115.174160432.59	558115.17	4160432.59	WRKR_116	WORKER	2.04E-01	2.75E-05	4.53E+00	1.05E-03	4.00E-01	1.31E-04	5.13E+00
558115.174160442.59	558115.17	4160442.59	WRKR_117	WORKER	2.18E-01	2.78E-05	4.85E+00	1.06E-03	4.29E-01	1.32E-04	5.50E+00
558125.174160392.59	558125.17	4160392.59	WRKR_118	WORKER	1.58E-01	2.75E-05	3.51E+00	1.04E-03	3.10E-01	1.30E-04	3.98E+00
558125.174160402.59	558125.17	4160402.59	WRKR_119	WORKER	1.68E-01	2.78E-05	3.74E+00	1.06E-03	3.31E-01	1.32E-04	4.25E+00
558125.174160412.59	558125.17	4160412.59	WRKR_120	WORKER	1.80E-01	2.81E-05	4.00E+00	1.07E-03	3.54E-01	1.33E-04	4.54E+00
558125.174160422.59	558125.17	4160422.59	WRKR_121	WORKER	1.93E-01	2.84E-05	4.29E+00	1.08E-03	3.79E-01	1.35E-04	4.86E+00
558125.174160432.59	558125.17	4160432.59	WRKR_122	WORKER	2.07E-01	2.87E-05	4.60E+00	1.09E-03	4.07E-01	1.36E-04	5.21E+00
558125.174160442.59	558125.17	4160442.59	WRKR_123	WORKER	2.22E-01	2.90E-05	4.94E+00	1.10E-03	4.37E-01	1.38E-04	5.60E+00
558135.174160372.59	558135.17	4160372.59	WRKR_124	WORKER	1.40E-01	2.79E-05	3.10E+00	1.06E-03	2.74E-01	1.33E-04	3.52E+00
558135.174160382.59	558135.17	4160382.59	WRKR_125	WORKER	1.49E-01	2.83E-05	3.30E+00	1.07E-03	2.92E-01	1.34E-04	3.75E+00
558135.174160392.59	558135.17	4160392.59	WRKR_126	WORKER	1.59E-01	2.86E-05	3.53E+00	1.09E-03	3.12E-01	1.36E-04	4.00E+00
558135.174160402.59	558135.17	4160402.59	WRKR_127	WORKER	1.70E-01	2.90E-05	3.77E+00	1.10E-03	3.33E-01	1.38E-04	4.28E+00
558135.174160412.59	558135.17	4160412.59	WRKR_128	WORKER	1.82E-01	2.93E-05	4.04E+00	1.11E-03	3.57E-01	1.39E-04	4.58E+00
558135.174160422.59	558135.17	4160422.59	WRKR_129	WORKER	1.95E-01	2.97E-05	4.33E+00	1.13E-03	3.83E-01	1.41E-04	4.91E+00
558135.174160432.59	558135.17	4160432.59	WRKR_130	WORKER	2.09E-01	3.00E-05	4.65E+00	1.14E-03	4.11E-01	1.42E-04	5.28E+00
558135.174160442.59	558135.17	4160442.59	WRKR_131	WORKER	2.25E-01	3.04E-05	5.01E+00	1.15E-03	4.43E-01	1.44E-04	5.68E+00
558145.174160372.59	558145.17	4160372.59	WRKR_132	WORKER	1.39E-01	2.91E-05	3.10E+00	1.10E-03	2.74E-01	1.38E-04	3.52E+00
558145.174160382.59	558145.17	4160382.59	WRKR_133	WORKER	1.49E-01	2.95E-05	3.31E+00	1.12E-03	2.92E-01	1.40E-04	3.75E+00
558145.174160392.59	558145.17	4160392.59	WRKR_134	WORKER	1.59E-01	2.99E-05	3.53E+00	1.13E-03	3.12E-01	1.42E-04	4.01E+00
558145.174160402.59	558145.17	4160402.59	WRKR_135	WORKER	1.70E-01	3.02E-05	3.78E+00	1.15E-03	3.34E-01	1.44E-04	4.29E+00
558145.174160412.59	558145.17	4160412.59	WRKR_136	WORKER	1.82E-01	3.06E-05	4.06E+00	1.16E-03	3.59E-01	1.45E-04	4.60E+00
558145.174160422.59	558145.17	4160422.59	WRKR_137	WORKER	1.96E-01	3.10E-05	4.36E+00	1.18E-03	3.85E-01	1.47E-04	4.94E+00
558145.174160432.59	558145.17	4160432.59	WRKR_138	WORKER	2.11E-01	3.14E-05	4.69E+00	1.19E-03	4.15E-01	1.49E-04	5.32E+00
558145.174160442.59	558145.17	4160442.59	WRKR_139	WORKER	2.28E-01	3.18E-05	5.06E+00	1.21E-03	4.47E-01	1.51E-04	5.73E+00
558155.174160372.59	558155.17	4160372.59	WRKR_140	WORKER	1.39E-01	3.03E-05	3.09E+00	1.15E-03	2.73E-01	1.44E-04	3.50E+00
558155.174160382.59	558155.17	4160382.59	WRKR_141	WORKER	1.48E-01	3.08E-05	3.30E+00	1.17E-03	2.92E-01	1.46E-04	3.74E+00
558155.174160392.59	558155.17	4160392.59	WRKR_142	WORKER	1.59E-01	3.12E-05	3.53E+00	1.18E-03	3.12E-01	1.48E-04	4.00E+00
558155.174160402.59	558155.17	4160402.59	WRKR_143	WORKER	1.70E-01	3.16E-05	3.78E+00	1.20E-03	3.34E-01	1.50E-04	4.28E+00
558155.174160412.59	558155.17	4160412.59	WRKR_144	WORKER	1.82E-01	3.20E-05	4.06E+00	1.22E-03	3.59E-01	1.52E-04	4.60E+00
558155.174160422.59	558155.17	4160422.59	WRKR_145	WORKER	1.96E-01	3.24E-05	4.36E+00	1.23E-03	3.86E-01	1.54E-04	4.95E+00
558155.174160432.59	558155.17	4160432.59	WRKR_146	WORKER	2.12E-01	3.28E-05	4.70E+00	1.25E-03	4.16E-01	1.56E-04	5.33E+00
558155.174160442.59	558155.17	4160442.59	WRKR_147	WORKER	2.29E-01	3.33E-05	5.08E+00	1.26E-03	4.49E-01	1.58E-04	5.76E+00
558165.174160362.59	558165.17	4160362.59	WRKR_148	WORKER	1.29E-01	3.11E-05	2.88E+00	1.18E-03	2.54E-01	1.48E-04	3.26E+00
558165.174160372.59	558165.17	4160372.59	WRKR_149	WORKER	1.38E-01	3.16E-05	3.07E+00	1.20E-03	2.71E-01	1.50E-04	3.48E+00
558165.174160382.59	558165.17	4160382.59	WRKR_150	WORKER	1.47E-01	3.21E-05	3.28E+00	1.22E-03	2.90E-01	1.52E-04	3.71E+00
558165.174160392.59	558165.17	4160392.59	WRKR_151	WORKER	1.58E-01	3.26E-05	3.51E+00	1.24E-03	3.10E-01	1.55E-04	3.98E+00
558165.174160402.59	558165.17	4160402.59	WRKR_152	WORKER	1.69E-01	3.30E-05	3.76E+00	1.25E-03	3.33E-01	1.57E-04	4.26E+00
558165.174160412.59	558165.17	4160412.59	WRKR_153	WORKER	1.82E-01	3.35E-05	4.04E+00	1.27E-03	3.57E-01	1.59E-04	4.58E+00
558165.174160422.59	558165.17	4160422.59	WRKR_154	WORKER	1.96E-01	3.40E-05	4.35E+00	1.29E-03	3.85E-01	1.61E-04	4.93E+00
558165.174160432.59	558165.17	4160432.59	WRKR_155	WORKER	2.11E-01	3.44E-05	4.70E+00	1.31E-03	4.15E-01	1.63E-04	5.33E+00

Cancer Risk

					AE		AH			
					3rd Tri		0<2		2<16		Total Cancer Risk (cases per million)
					Cancer Risk (cases per million)		Cancer Risk (cases per million)		Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD	
558175.174160362.59	558175.17	4160362.59	WRKR_156	WORKER	1.28E-01	3.24E-05	2.84E+00	1.23E-03	2.51E-01	1.54E-04	3.22E+00
558175.174160372.59	558175.17	4160372.59	WRKR_157	WORKER	1.36E-01	3.30E-05	3.03E+00	1.25E-03	2.68E-01	1.56E-04	3.44E+00
558175.174160382.59	558175.17	4160382.59	WRKR_158	WORKER	1.46E-01	3.35E-05	3.24E+00	1.27E-03	2.87E-01	1.59E-04	3.68E+00
558175.174160392.59	558175.17	4160392.59	WRKR_159	WORKER	1.56E-01	3.40E-05	3.47E+00	1.29E-03	3.07E-01	1.62E-04	3.94E+00
558175.174160402.59	558175.17	4160402.59	WRKR_160	WORKER	1.68E-01	3.46E-05	3.73E+00	1.31E-03	3.30E-01	1.64E-04	4.23E+00
558175.174160412.59	558175.17	4160412.59	WRKR_161	WORKER	1.80E-01	3.51E-05	4.01E+00	1.33E-03	3.55E-01	1.66E-04	4.55E+00
558175.174160422.59	558175.17	4160422.59	WRKR_162	WORKER	1.94E-01	3.56E-05	4.32E+00	1.35E-03	3.82E-01	1.69E-04	4.90E+00
558185.174160362.59	558185.17	4160362.59	WRKR_163	WORKER	1.26E-01	3.38E-05	2.80E+00	1.28E-03	2.48E-01	1.61E-04	3.18E+00
558185.174160372.59	558185.17	4160372.59	WRKR_164	WORKER	1.35E-01	3.44E-05	2.99E+00	1.31E-03	2.64E-01	1.63E-04	3.39E+00
558185.174160382.59	558185.17	4160382.59	WRKR_165	WORKER	1.44E-01	3.50E-05	3.20E+00	1.33E-03	2.83E-01	1.66E-04	3.63E+00
558185.174160392.59	558185.17	4160392.59	WRKR_166	WORKER	1.54E-01	3.56E-05	3.43E+00	1.35E-03	3.03E-01	1.69E-04	3.89E+00
558185.174160402.59	558185.17	4160402.59	WRKR_167	WORKER	1.66E-01	3.62E-05	3.68E+00	1.37E-03	3.25E-01	1.72E-04	4.17E+00
558185.174160412.59	558185.17	4160412.59	WRKR_168	WORKER	1.78E-01	3.68E-05	3.96E+00	1.40E-03	3.50E-01	1.74E-04	4.49E+00
558185.174160422.59	558185.17	4160422.59	WRKR_169	WORKER	1.92E-01	3.74E-05	4.27E+00	1.42E-03	3.78E-01	1.77E-04	4.84E+00
558185.174160432.59	558185.17	4160432.59	WRKR_170	WORKER	2.08E-01	3.79E-05	4.62E+00	1.44E-03	4.08E-01	1.80E-04	5.24E+00
558185.174160442.59	558185.17	4160442.59	WRKR_171	WORKER	2.25E-01	3.85E-05	5.00E+00	1.46E-03	4.42E-01	1.83E-04	5.67E+00
558195.174160362.59	558195.17	4160362.59	WRKR_172	WORKER	1.24E-01	3.53E-05	2.76E+00	1.34E-03	2.44E-01	1.68E-04	3.13E+00
558195.174160372.59	558195.17	4160372.59	WRKR_173	WORKER	1.32E-01	3.59E-05	2.94E+00	1.36E-03	2.60E-01	1.70E-04	3.34E+00
558195.174160382.59	558195.17	4160382.59	WRKR_174	WORKER	1.42E-01	3.66E-05	3.15E+00	1.39E-03	2.78E-01	1.74E-04	3.57E+00
558195.174160392.59	558195.17	4160392.59	WRKR_175	WORKER	1.52E-01	3.72E-05	3.37E+00	1.41E-03	2.98E-01	1.77E-04	3.82E+00
558195.174160402.59	558195.17	4160402.59	WRKR_176	WORKER	1.63E-01	3.79E-05	3.62E+00	1.44E-03	3.20E-01	1.80E-04	4.11E+00
558195.174160412.59	558195.17	4160412.59	WRKR_177	WORKER	1.75E-01	3.85E-05	3.90E+00	1.46E-03	3.45E-01	1.83E-04	4.42E+00
558195.174160422.59	558195.17	4160422.59	WRKR_178	WORKER	1.89E-01	3.92E-05	4.21E+00	1.49E-03	3.72E-01	1.86E-04	4.77E+00
558195.174160432.59	558195.17	4160432.59	WRKR_179	WORKER	2.05E-01	3.99E-05	4.55E+00	1.51E-03	4.02E-01	1.89E-04	5.16E+00
558195.174160442.59	558195.17	4160442.59	WRKR_180	WORKER	2.22E-01	4.05E-05	4.92E+00	1.54E-03	4.35E-01	1.92E-04	5.58E+00
558195.174160452.59	558195.17	4160452.59	WRKR_181	WORKER	2.40E-01	4.10E-05	5.33E+00	1.56E-03	4.72E-01	1.95E-04	6.05E+00
558205.174160362.59	558205.17	4160362.59	WRKR_182	WORKER	1.22E-01	3.68E-05	2.70E+00	1.40E-03	2.39E-01	1.75E-04	3.07E+00
558205.174160372.59	558205.17	4160372.59	WRKR_183	WORKER	1.30E-01	3.75E-05	2.89E+00	1.42E-03	2.55E-01	1.78E-04	3.27E+00
558205.174160382.59	558205.17	4160382.59	WRKR_184	WORKER	1.39E-01	3.82E-05	3.09E+00	1.45E-03	2.73E-01	1.81E-04	3.50E+00
558205.174160392.59	558205.17	4160392.59	WRKR_185	WORKER	1.49E-01	3.90E-05	3.31E+00	1.48E-03	2.93E-01	1.85E-04	3.75E+00
558205.174160402.59	558205.17	4160402.59	WRKR_186	WORKER	1.60E-01	3.97E-05	3.56E+00	1.51E-03	3.14E-01	1.88E-04	4.03E+00
558205.174160412.59	558205.17	4160412.59	WRKR_187	WORKER	1.72E-01	4.04E-05	3.83E+00	1.54E-03	3.38E-01	1.92E-04	4.34E+00
558205.174160422.59	558205.17	4160422.59	WRKR_188	WORKER	1.86E-01	4.12E-05	4.13E+00	1.56E-03	3.65E-01	1.96E-04	4.68E+00
558205.174160432.59	558205.17	4160432.59	WRKR_189	WORKER	2.01E-01	4.19E-05	4.46E+00	1.59E-03	3.95E-01	1.99E-04	5.06E+00
558205.174160442.59	558205.17	4160442.59	WRKR_190	WORKER	2.18E-01	4.27E-05	4.84E+00	1.62E-03	4.28E-01	2.02E-04	5.49E+00
558205.174160452.59	558205.17	4160452.59	WRKR_191	WORKER	2.36E-01	4.33E-05	5.25E+00	1.64E-03	4.64E-01	2.06E-04	5.95E+00
558205.174160462.59	558205.17	4160462.59	WRKR_192	WORKER	2.57E-01	4.40E-05	5.71E+00	1.67E-03	5.05E-01	2.09E-04	6.48E+00
558215.174160362.59	558215.17	4160362.59	WRKR_193	WORKER	1.19E-01	3.84E-05	2.65E+00	1.46E-03	2.34E-01	1.82E-04	3.00E+00
558215.174160372.59	558215.17	4160372.59	WRKR_194	WORKER	1.27E-01	3.92E-05	2.83E+00	1.49E-03	2.50E-01	1.86E-04	3.20E+00
558215.174160382.59	558215.17	4160382.59	WRKR_195	WORKER	1.36E-01	4.00E-05	3.02E+00	1.52E-03	2.67E-01	1.90E-04	3.43E+00
558215.174160392.59	558215.17	4160392.59	WRKR_196	WORKER	1.46E-01	4.08E-05	3.24E+00	1.55E-03	2.86E-01	1.94E-04	3.67E+00
558215.174160402.59	558215.17	4160402.59	WRKR_197	WORKER	1.57E-01	4.16E-05	3.48E+00	1.58E-03	3.08E-01	1.98E-04	3.95E+00
558215.174160412.59	558215.17	4160412.59	WRKR_198	WORKER	1.68E-01	4.25E-05	3.75E+00	1.61E-03	3.31E-01	2.02E-04	4.25E+00
558215.174160422.59	558215.17	4160422.59	WRKR_199	WORKER	1.82E-01	4.33E-05	4.04E+00	1.64E-03	3.57E-01	2.05E-04	4.58E+00
558215.174160432.59	558215.17	4160432.59	WRKR_200	WORKER	1.96E-01	4.41E-05	4.36E+00	1.67E-03	3.86E-01	2.09E-04	4.95E+00
558215.174160442.59	558215.17	4160442.59	WRKR_201	WORKER	2.13E-01	4.50E-05	4.74E+00	1.71E-03	4.19E-01	2.13E-04	5.37E+00
558215.174160452.59	558215.17	4160452.59	WRKR_202	WORKER	2.32E-01	4.58E-05	5.15E+00	1.74E-03	4.56E-01	2.17E-04	5.84E+00
558215.174160462.59	558215.17	4160462.59	WRKR_203	WORKER	2.52E-01	4.65E-05	5.60E+00	1.77E-03	4.95E-01	2.21E-04	6.35E+00
558215.174160472.59	558215.17	4160472.59	WRKR_204	WORKER	2.75E-01	4.73E-05	6.12E+00	1.80E-03	5.41E-01	2.25E-04	6.94E+00
558225.174160362.59	558225.17	4160362.59	WRKR_205	WORKER	1.16E-01	4.01E-05	2.59E+00	1.52E-03	2.29E-01	1.90E-04	2.93E+00
558225.174160372.59	558225.17	4160372.59	WRKR_206	WORKER	1.24E-01	4.10E-05	2.76E+00	1.56E-03	2.44E-01	1.94E-04	3.13E+00
558225.174160382.59	558225.17	4160382.59	WRKR_207	WORKER	1.33E-01	4.19E-05	2.95E+00	1.59E-03	2.61E-01	1.99E-04	3.35E+00
558225.174160392.59	558225.17	4160392.59	WRKR_208	WORKER	1.42E-01	4.28E-05	3.16E+00	1.62E-03	2.80E-01	2.03E-04	3.59E+00
558225.174160402.59	558225.17	4160402.59	WRKR_209	WORKER	1.53E-01	4.37E-05	3.40E+00	1.66E-03	3.00E-01	2.07E-04	3.85E+00
558225.174160412.59	558225.17	4160412.59	WRKR_210	WORKER	1.64E-01	4.45E-05	3.65E+00	1.69E-03	3.23E-01	2.11E-04	4.14E+00
558225.174160422.59	558225.17	4160422.59	WRKR_211	WORKER	1.77E-01	4.55E-05	3.94E+00	1.73E-03	3.48E-01	2.16E-04	4.47E+00
558225.174160432.59	558225.17	4160432.59	WRKR_212	WORKER	1.92E-01	4.64E-05	4.26E+00	1.76E-03	3.77E-01	2.20E-04	4.83E+00
558225.174160442.59	558225.17	4160442.59	WRKR_213	WORKER	2.08E-01	4.74E-05	4.62E+00	1.80E-03	4.08E-01	2.25E-04	5.24E+00
558225.174160452.59	558225.17	4160452.59	WRKR_214	WORKER	2.26E-01	4.84E-05	5.02E+00	1.84E-03	4.44E-01	2.30E-04	5.70E+00
558225.174160462.59	558225.17	4160462.59	WRKR_215	WORKER	2.47E-01	4.94E-05	5.48E+00	1.87E-03	4.85E-01	2.34E-04	6.22E+00
558225.174160472.59	558225.17	4160472.59	WRKR_216	WORKER	2.69E-01	5.03E-05	5.99E+00	1.91E-03	5.29E-01	2.39E-04	6.79E+00
558225.174160482.59	558225.17	4160482.59	WRKR_217	WORKER	2.95E-01	5.12E-05	6.57E+00	1.94E-03	5.81E-01	2.43E-04	7.44E+00
558235.174160362.59	558235.17	4160362.59	WRKR_218	WORKER	1.13E-01	4.19E-05	2.52E+00	1.59E-03	2.23E-01	1.99E-04	2.86E+00
558235.174160372.59	558235.17	4160372.59	WRKR_219	WORKER	1.21E-01	4.28E-05	2.69E+00	1.63E-03	2.38E-01	2.03E-04	3.05E+00
558235.174160382.59	558235.17	4160382.59	WRKR_220	WORKER	1.29E-01	4.38E-05	2.88E+00	1.66E-03	2.55E-01	2.08E-04	3.26E+00
558235.174160392.59	558235.17	4160392.59	WRKR_221	WORKER	1.39E-01	4.48E-05	3.08E+00	1.70E-03	2.73E-01	2.13E-04	3.50E+00
558235.174160402.59	558235.17	4160402.59	WRKR_222	WORKER	1.49E-01	4.58E-05	3.31E+00	1.74E-03	2.93E-01	2.17E-04	3.75E+00
558235.174160412.59	558235.17	4160412.59	WRKR_223	WORKER	1.60E-01	4.68E-05	3.56E+00	1.78E-03	3.15E-01	2.22E-04	4.03E+00
558235.174160422.59	558235.17	4160422.59	WRKR_224	WORKER	1.73E-01	4.79E-05	3.84E+00	1.82E-03	3.39E-01	2.27E-04	4.35E+00
558235.174160432.59	558235.17	4160432.59	WRKR_225	WORKER	1.87E-01	4.89E-05	4.15E+00	1.86E-03	3.67E-01	2.32E-04	4.70E+00
558235.174160442.59	558235.17	4160442.59	WRKR_226	WORKER	2.02E-01	5.00E-05	4.49E+00	1.90E-03	3.97E-01	2.37E-04	5.10E+00
558235.174160452.59	558235.17	4160452.59	WRKR_227	WORKER	2.20E-01	5.11E-05	4.89E+00	1.94E-03	4.32E-01	2.43E-04	5.54E+00
558235.174160462.59	558235.17	4160462.59	WRKR_228	WORKER	2.40E-01	5.23E-05	5.34E+00	1.98E-03	4.72E-01	2.48E-04	6.05E+00
558235.174160472.59	558235.17	4160472.59	WRKR_229	WORKER	2.63E-01	5.34E-05	5.85E+00	2.03E-03	5.17E-01	2.54E-04	6.63E+00
558235.174160482.59	558235.17	4160482.59	WRKR_230	WORKER	2.88E-01	5.45E-05	6.41E+00	2.07E-03	5.67E-01	2.59E-04	7.27E+00
558235.174160492.59	558235.17	4160492.59	WRKR_231	WORKER	3.17E-01	5.55E-05	7.05E+00	2.11E-03	6.23E-01	2.63E-04	7.99E+00
558245.174160362.59	558245.17	4160362.59	WRKR_232	WORKER	1.10E-01	4.37E-05	2.46E+00	1.66E-03	2.17E-01	2.07E-04	2.79E+00
558245.174160372.59	558245.17	4160372.59	WRKR_233	WORKER	1.18E-01	4.47E-05	2.62E+00	1.70E-03	2.32E-01	2.12E-04	2.97E+00
558245.174160382.59	558245.17	4160382.59	WRKR_234	WORKER	1.26E-01	4.58E-05	2.80E+00	1.74E-03	2.48E-01	2.17E-04	3.18E+00
558245.174160392.59	558245.17	4160392.59	WRKR_235	WORKER	1.35E-01	4.69E-05	3.00E+00	1.78E-03	2.65E-01	2.23E-04	3.40E+00
558245.174160402.59	558245.17	4160402.59	WRKR_236	WORKER	1.45E-01	4.80E-05	3.22E+00	1.82E-03	2.85E-01	2.28E-04	3.65E+00
558245.174160412.59	558245.17	4160412.59	WRKR_237	WORKER	1.56E-01	4.92E-05	3.46E+00	1.87E-03	3.06E-01	2.33E-04	3.92E+00
558245.174160422.59	558245.17	4160422.59	WRKR_238	WORKER	1.68E-01	5.03E-05	3.73E+00	1.91E-03	3.30E-01	2.39E-04	4.23E+00
558245.174160432.59	558245.17	4160432.59	WRKR_239	WORKER	1.81E-01	5.15E-05	4.03E+00	1.96E-03	3.56E-01	2.45E-04	4.57E+00
558245.174160442.59	558245.17	4160442.59	WRKR_240	WORKER	1.96E-01	5.28E-05	4.37E+00	2.00E-03	3.86E-01	2.50E-04	4.95E+00
558245.174160452.59	558245.17	4160452.59	WRKR_241	WORKER	2.14E-01	5.41E-05	4.75E+00	2.05E-03	4.20E-01	2.57E-04	5.39E+00
558245.174160462.59	558245.17	4160462.59	WRKR_242	WORKER	2.33E-01	5.54E-05	5.19E+00	2.10E-03	4.58E-01	2.63E-04	5.88E+00

Cancer Risk

					AE		AH		
					3rd Tri		0<2		2<16		Total Cancer Risk (cases per million)
					Cancer Risk (cases per million)		Cancer Risk (cases per million)		Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD	
558245.174160472.59	558245.17	4160472.59	WRKR_243	WORKER	2.55E-01	5.67E-05	5.67E+00	2.15E-03	5.02E-01	2.69E-04	6.43E+00
558245.174160482.59	558245.17	4160482.59	WRKR_244	WORKER	2.81E-01	5.80E-05	6.24E+00	2.20E-03	5.52E-01	2.75E-04	7.07E+00
558245.174160492.59	558245.17	4160492.59	WRKR_245	WORKER	3.09E-01	5.93E-05	6.87E+00	2.25E-03	6.08E-01	2.81E-04	7.79E+00
558245.174160502.59	558245.17	4160502.59	WRKR_246	WORKER	3.41E-01	6.05E-05	7.59E+00	2.30E-03	6.71E-01	2.87E-04	8.61E+00
558255.174160362.59	558255.17	4160362.59	WRKR_247	WORKER	1.07E-01	4.56E-05	2.39E+00	1.73E-03	2.11E-01	2.16E-04	2.71E+00
558255.174160372.59	558255.17	4160372.59	WRKR_248	WORKER	1.15E-01	4.67E-05	2.55E+00	1.77E-03	2.25E-01	2.22E-04	2.89E+00
558255.174160382.59	558255.17	4160382.59	WRKR_249	WORKER	1.22E-01	4.79E-05	2.72E+00	1.82E-03	2.41E-01	2.27E-04	3.09E+00
558255.174160392.59	558255.17	4160392.59	WRKR_250	WORKER	1.31E-01	4.91E-05	2.91E+00	1.87E-03	2.58E-01	2.33E-04	3.31E+00
558255.174160402.59	558255.17	4160402.59	WRKR_251	WORKER	1.41E-01	5.04E-05	3.13E+00	1.91E-03	2.76E-01	2.39E-04	3.55E+00
558255.174160412.59	558255.17	4160412.59	WRKR_252	WORKER	1.51E-01	5.17E-05	3.36E+00	1.96E-03	2.97E-01	2.45E-04	3.82E+00
558255.174160422.59	558255.17	4160422.59	WRKR_253	WORKER	1.63E-01	5.30E-05	3.62E+00	2.01E-03	3.20E-01	2.51E-04	4.11E+00
558255.174160432.59	558255.17	4160432.59	WRKR_254	WORKER	1.76E-01	5.43E-05	3.91E+00	2.06E-03	3.46E-01	2.58E-04	4.44E+00
558255.174160442.59	558255.17	4160442.59	WRKR_255	WORKER	1.91E-01	5.57E-05	4.24E+00	2.12E-03	3.75E-01	2.65E-04	4.81E+00
558255.174160452.59	558255.17	4160452.59	WRKR_256	WORKER	2.07E-01	5.72E-05	4.61E+00	2.17E-03	4.08E-01	2.72E-04	5.23E+00
558255.174160462.59	558255.17	4160462.59	WRKR_257	WORKER	2.26E-01	5.87E-05	5.03E+00	2.23E-03	4.45E-01	2.79E-04	5.70E+00
558255.174160472.59	558255.17	4160472.59	WRKR_258	WORKER	2.48E-01	6.02E-05	5.50E+00	2.29E-03	4.87E-01	2.86E-04	6.24E+00
558255.174160482.59	558255.17	4160482.59	WRKR_259	WORKER	2.72E-01	6.18E-05	6.05E+00	2.35E-03	5.35E-01	2.93E-04	6.86E+00
558255.174160492.59	558255.17	4160492.59	WRKR_260	WORKER	3.01E-01	6.34E-05	6.69E+00	2.41E-03	5.92E-01	3.01E-04	7.59E+00
558255.174160502.59	558255.17	4160502.59	WRKR_261	WORKER	3.33E-01	6.49E-05	7.40E+00	2.46E-03	6.54E-01	3.08E-04	8.39E+00
558255.174160512.59	558255.17	4160512.59	WRKR_262	WORKER	3.70E-01	6.63E-05	8.22E+00	2.52E-03	7.27E-01	3.15E-04	9.32E+00
558265.174160362.59	558265.17	4160362.59	WRKR_263	WORKER	1.04E-01	4.76E-05	2.32E+00	1.81E-03	2.05E-01	2.26E-04	2.63E+00
558265.174160372.59	558265.17	4160372.59	WRKR_264	WORKER	1.11E-01	4.88E-05	2.47E+00	1.85E-03	2.19E-01	2.32E-04	2.80E+00
558265.174160382.59	558265.17	4160382.59	WRKR_265	WORKER	1.19E-01	5.01E-05	2.64E+00	1.90E-03	2.34E-01	2.38E-04	3.00E+00
558265.174160392.59	558265.17	4160392.59	WRKR_266	WORKER	1.27E-01	5.15E-05	2.83E+00	1.95E-03	2.50E-01	2.44E-04	3.21E+00
558265.174160402.59	558265.17	4160402.59	WRKR_267	WORKER	1.36E-01	5.29E-05	3.03E+00	2.01E-03	2.68E-01	2.51E-04	3.44E+00
558265.174160412.59	558265.17	4160412.59	WRKR_268	WORKER	1.47E-01	5.43E-05	3.26E+00	2.06E-03	2.88E-01	2.58E-04	3.70E+00
558265.174160422.59	558265.17	4160422.59	WRKR_269	WORKER	1.58E-01	5.57E-05	3.51E+00	2.12E-03	3.11E-01	2.65E-04	3.98E+00
558265.174160432.59	558265.17	4160432.59	WRKR_270	WORKER	1.71E-01	5.73E-05	3.80E+00	2.17E-03	3.36E-01	2.72E-04	4.30E+00
558265.174160442.59	558265.17	4160442.59	WRKR_271	WORKER	1.85E-01	5.89E-05	4.11E+00	2.24E-03	3.64E-01	2.79E-04	4.67E+00
558265.174160452.59	558265.17	4160452.59	WRKR_272	WORKER	2.01E-01	6.05E-05	4.47E+00	2.30E-03	3.95E-01	2.87E-04	5.07E+00
558265.174160462.59	558265.17	4160462.59	WRKR_273	WORKER	2.19E-01	6.22E-05	4.87E+00	2.36E-03	4.31E-01	2.95E-04	5.52E+00
558265.174160472.59	558265.17	4160472.59	WRKR_274	WORKER	2.40E-01	6.40E-05	5.34E+00	2.43E-03	4.72E-01	3.04E-04	6.05E+00
558265.174160482.59	558265.17	4160482.59	WRKR_275	WORKER	2.64E-01	6.59E-05	5.88E+00	2.50E-03	5.20E-01	3.13E-04	6.67E+00
558265.174160492.59	558265.17	4160492.59	WRKR_276	WORKER	2.92E-01	6.77E-05	6.50E+00	2.57E-03	5.75E-01	3.22E-04	7.37E+00
558265.174160502.59	558265.17	4160502.59	WRKR_277	WORKER	3.25E-01	6.97E-05	7.23E+00	2.65E-03	6.39E-01	3.31E-04	8.20E+00
558265.174160512.59	558265.17	4160512.59	WRKR_278	WORKER	3.62E-01	7.15E-05	8.05E+00	2.71E-03	7.11E-01	3.39E-04	9.12E+00
558265.174160522.59	558265.17	4160522.59	WRKR_279	WORKER	4.06E-01	7.33E-05	9.02E+00	2.78E-03	7.98E-01	3.48E-04	1.02E+01
558275.174160362.59	558275.17	4160362.59	WRKR_280	WORKER	1.01E-01	4.97E-05	2.25E+00	1.88E-03	1.99E-01	2.36E-04	2.55E+00
558275.174160372.59	558275.17	4160372.59	WRKR_281	WORKER	1.08E-01	5.10E-05	2.40E+00	1.94E-03	2.12E-01	2.42E-04	2.72E+00
558275.174160382.59	558275.17	4160382.59	WRKR_282	WORKER	1.15E-01	5.24E-05	2.56E+00	1.99E-03	2.26E-01	2.49E-04	2.90E+00
558275.174160392.59	558275.17	4160392.59	WRKR_283	WORKER	1.23E-01	5.39E-05	2.74E+00	2.05E-03	2.42E-01	2.56E-04	3.11E+00
558275.174160402.59	558275.17	4160402.59	WRKR_284	WORKER	1.32E-01	5.54E-05	2.94E+00	2.10E-03	2.60E-01	2.63E-04	3.33E+00
558275.174160412.59	558275.17	4160412.59	WRKR_285	WORKER	1.42E-01	5.70E-05	3.16E+00	2.16E-03	2.79E-01	2.71E-04	3.58E+00
558275.174160422.59	558275.17	4160422.59	WRKR_286	WORKER	1.53E-01	5.87E-05	3.40E+00	2.23E-03	3.01E-01	2.78E-04	3.86E+00
558275.174160432.59	558275.17	4160432.59	WRKR_287	WORKER	1.65E-01	6.04E-05	3.68E+00	2.29E-03	3.25E-01	2.87E-04	4.17E+00
558275.174160442.59	558275.17	4160442.59	WRKR_288	WORKER	1.79E-01	6.22E-05	3.99E+00	2.36E-03	3.52E-01	2.95E-04	4.52E+00
558275.174160452.59	558275.17	4160452.59	WRKR_289	WORKER	1.95E-01	6.40E-05	4.33E+00	2.43E-03	3.83E-01	3.04E-04	4.91E+00
558275.174160462.59	558275.17	4160462.59	WRKR_290	WORKER	2.13E-01	6.60E-05	4.73E+00	2.50E-03	4.18E-01	3.13E-04	5.36E+00
558275.174160472.59	558275.17	4160472.59	WRKR_291	WORKER	2.33E-01	6.80E-05	5.18E+00	2.58E-03	4.58E-01	3.23E-04	5.88E+00
558275.174160482.59	558275.17	4160482.59	WRKR_292	WORKER	2.57E-01	7.02E-05	5.71E+00	2.66E-03	5.05E-01	3.33E-04	6.47E+00
558275.174160492.59	558275.17	4160492.59	WRKR_293	WORKER	2.84E-01	7.24E-05	6.31E+00	2.75E-03	5.58E-01	3.44E-04	7.16E+00
558275.174160502.59	558275.17	4160502.59	WRKR_294	WORKER	3.16E-01	7.48E-05	7.03E+00	2.84E-03	6.22E-01	3.55E-04	7.98E+00
558275.174160512.59	558275.17	4160512.59	WRKR_295	WORKER	3.55E-01	7.72E-05	7.90E+00	2.93E-03	6.98E-01	3.67E-04	8.96E+00
558275.174160522.59	558275.17	4160522.59	WRKR_296	WORKER	4.00E-01	7.96E-05	8.90E+00	3.02E-03	7.87E-01	3.78E-04	1.01E+01
558275.174160532.59	558275.17	4160532.59	WRKR_297	WORKER	4.54E-01	8.19E-05	1.01E+01	3.11E-03	8.91E-01	3.89E-04	1.14E+01
558285.174160362.59	558285.17	4160362.59	WRKR_298	WORKER	9.80E-02	5.18E-05	2.18E+00	1.97E-03	1.93E-01	2.46E-04	2.47E+00
558285.174160372.59	558285.17	4160372.59	WRKR_299	WORKER	1.04E-01	5.33E-05	2.32E+00	2.02E-03	2.05E-01	2.53E-04	2.63E+00
558285.174160382.59	558285.17	4160382.59	WRKR_300	WORKER	1.11E-01	5.48E-05	2.48E+00	2.08E-03	2.19E-01	2.60E-04	2.81E+00
558285.174160392.59	558285.17	4160392.59	WRKR_301	WORKER	1.19E-01	5.64E-05	2.65E+00	2.14E-03	2.34E-01	2.68E-04	3.01E+00
558285.174160402.59	558285.17	4160402.59	WRKR_302	WORKER	1.28E-01	5.81E-05	2.84E+00	2.20E-03	2.51E-01	2.76E-04	3.23E+00
558285.174160412.59	558285.17	4160412.59	WRKR_303	WORKER	1.38E-01	5.98E-05	3.06E+00	2.27E-03	2.70E-01	2.84E-04	3.47E+00
558285.174160422.59	558285.17	4160422.59	WRKR_304	WORKER	1.48E-01	6.17E-05	3.30E+00	2.34E-03	2.91E-01	2.93E-04	3.74E+00
558285.174160432.59	558285.17	4160432.59	WRKR_305	WORKER	1.60E-01	6.36E-05	3.56E+00	2.41E-03	3.15E-01	3.02E-04	4.04E+00
558285.174160442.59	558285.17	4160442.59	WRKR_306	WORKER	1.74E-01	6.56E-05	3.86E+00	2.49E-03	3.41E-01	3.11E-04	4.38E+00
558285.174160452.59	558285.17	4160452.59	WRKR_307	WORKER	1.89E-01	6.77E-05	4.20E+00	2.57E-03	3.71E-01	3.21E-04	4.76E+00
558285.174160462.59	558285.17	4160462.59	WRKR_308	WORKER	2.06E-01	7.00E-05	4.59E+00	2.66E-03	4.06E-01	3.32E-04	5.20E+00
558285.174160472.59	558285.17	4160472.59	WRKR_309	WORKER	2.26E-01	7.23E-05	5.03E+00	2.75E-03	4.45E-01	3.43E-04	5.71E+00
558285.174160482.59	558285.17	4160482.59	WRKR_310	WORKER	2.49E-01	7.48E-05	5.54E+00	2.84E-03	4.90E-01	3.55E-04	6.28E+00
558285.174160492.59	558285.17	4160492.59	WRKR_311	WORKER	2.76E-01	7.74E-05	6.14E+00	2.94E-03	5.43E-01	3.67E-04	6.96E+00
558285.174160502.59	558285.17	4160502.59	WRKR_312	WORKER	3.08E-01	8.02E-05	6.85E+00	3.04E-03	6.06E-01	3.81E-04	7.77E+00
558285.174160512.59	558285.17	4160512.59	WRKR_313	WORKER	3.47E-01	8.32E-05	7.72E+00	3.16E-03	6.82E-01	3.95E-04	8.75E+00
558285.174160522.59	558285.17	4160522.59	WRKR_314	WORKER	3.93E-01	8.63E-05	8.74E+00	3.28E-03	7.73E-01	4.10E-04	9.91E+00
558285.174160532.59	558285.17	4160532.59	WRKR_315	WORKER	4.47E-01	8.92E-05	9.94E+00	3.39E-03	8.79E-01	4.24E-04	1.13E+01
558295.174160362.59	558295.17	4160362.59	WRKR_316	WORKER	9.48E-02	5.40E-05	2.11E+00	2.05E-03	1.86E-01	2.56E-04	2.39E+00
558295.174160372.59	558295.17	4160372.59	WRKR_317	WORKER	1.01E-01	5.56E-05	2.24E+00	2.11E-03	1.98E-01	2.64E-04	2.55E+00
558295.174160382.59	558295.17	4160382.59	WRKR_318	WORKER	1.08E-01	5.72E-05	2.40E+00	2.17E-03	2.12E-01	2.72E-04	2.72E+00
558295.174160392.59	558295.17	4160392.59	WRKR_319	WORKER	1.15E-01	5.90E-05	2.56E+00	2.24E-03	2.27E-01	2.80E-04	2.91E+00
558295.174160402.59	558295.17	4160402.59	WRKR_320	WORKER	1.24E-01	6.07E-05	2.75E+00	2.31E-03	2.43E-01	2.88E-04	3.12E+00
558295.174160412.59	558295.17	4160412.59	WRKR_321	WORKER	1.33E-01	6.27E-05	2.96E+00	2.38E-03	2.61E-01	2.98E-04	3.35E+00
558295.174160422.59	558295.17	4160422.59	WRKR_322	WORKER	1.43E-01	6.48E-05	3.19E+00	2.46E-03	2.82E-01	3.07E-04	3.62E+00
558295.174160432.59	558295.17	4160432.59	WRKR_323	WORKER	1.55E-01	6.69E-05	3.45E+00	2.54E-03	3.05E-01	3.18E-04	3.91E+00
558295.174160442.59	558295.17	4160442.59	WRKR_324	WORKER	1.68E-01	6.92E-05	3.74E+00	2.63E-03	3.31E-01	3.28E-04	4.24E+00
558295.174160452.59	558295.17	4160452.59	WRKR_325	WORKER	1.83E-01	7.16E-05	4.07E+00	2.72E-03	3.60E-01	3.40E-04	4.62E+00
558295.174160462.59	558295.17	4160462.59	WRKR_326	WORKER	2.00E-01	7.41E-05	4.45E+00	2.81E-03	3.94E-01	3.52E-04	5.05E+00
558295.174160472.59	558295.17	4160472.59	WRKR_327	WORKER	2.20E-01	7.68E-05	4.89E+00	2.92E-03	4.32E-01	3.64E-04	5.54E+00
558295.174160482.59	558295.17	4160482.59	WRKR_328	WORKER	2.43E-01	7.96E-05	5.39E+00	3.02E-03	4.77E-01	3.78E-04	6.12E+00
558295.174160492.59	558295.17	4160492.59	WRKR_329	WORKER	2.69E-01	8.27E-05	5.98E+00	3.14E-03	5.29E-01	3.92E-04	6.79E+00

Cancer Risk

					AE		AH			
					3rd Tri		0<2		2<16		Total Cancer Risk (cases per million)
					Cancer Risk (cases per million)		Cancer Risk (cases per million)		Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD	
558295.174160502.59	558295.17	4160502.59	WRKR_330	WORKER	3.01E-01	8.60E-05	6.69E+00	3.26E-03	5.91E-01	4.08E-04	7.58E+00
558295.174160512.59	558295.17	4160512.59	WRKR_331	WORKER	3.40E-01	8.97E-05	7.55E+00	3.40E-03	6.67E-01	4.26E-04	8.56E+00
558295.174160522.59	558295.17	4160522.59	WRKR_332	WORKER	3.86E-01	9.35E-05	8.58E+00	3.55E-03	7.58E-01	4.44E-04	9.72E+00
558295.174160532.59	558295.17	4160532.59	WRKR_333	WORKER	4.41E-01	9.73E-05	9.79E+00	3.69E-03	8.66E-01	4.62E-04	1.11E+01
558305.174160362.59	558305.17	4160362.59	WRKR_334	WORKER	9.16E-02	5.63E-05	2.04E+00	2.14E-03	1.80E-01	2.67E-04	2.31E+00
558305.174160372.59	558305.17	4160372.59	WRKR_335	WORKER	9.76E-02	5.80E-05	2.17E+00	2.20E-03	1.92E-01	2.75E-04	2.46E+00
558305.174160382.59	558305.17	4160382.59	WRKR_336	WORKER	1.04E-01	5.97E-05	2.32E+00	2.27E-03	2.05E-01	2.84E-04	2.63E+00
558305.174160392.59	558305.17	4160392.59	WRKR_337	WORKER	1.11E-01	6.16E-05	2.48E+00	2.34E-03	2.19E-01	2.92E-04	2.81E+00
558305.174160402.59	558305.17	4160402.59	WRKR_338	WORKER	1.20E-01	6.34E-05	2.66E+00	2.41E-03	2.35E-01	3.01E-04	3.01E+00
558305.174160412.59	558305.17	4160412.59	WRKR_339	WORKER	1.29E-01	6.55E-05	2.86E+00	2.49E-03	2.53E-01	3.11E-04	3.24E+00
558305.174160422.59	558305.17	4160422.59	WRKR_340	WORKER	1.39E-01	6.79E-05	3.08E+00	2.58E-03	2.73E-01	3.22E-04	3.50E+00
558305.174160432.59	558305.17	4160432.59	WRKR_341	WORKER	1.50E-01	7.03E-05	3.33E+00	2.67E-03	2.95E-01	3.34E-04	3.78E+00
558305.174160442.59	558305.17	4160442.59	WRKR_342	WORKER	1.63E-01	7.28E-05	3.62E+00	2.76E-03	3.20E-01	3.46E-04	4.11E+00
558305.174160452.59	558305.17	4160452.59	WRKR_343	WORKER	1.78E-01	7.55E-05	3.95E+00	2.87E-03	3.49E-01	3.58E-04	4.48E+00
558305.174160462.59	558305.17	4160462.59	WRKR_344	WORKER	1.94E-01	7.84E-05	4.32E+00	2.98E-03	3.82E-01	3.72E-04	4.90E+00
558305.174160472.59	558305.17	4160472.59	WRKR_345	WORKER	2.14E-01	8.14E-05	4.75E+00	3.09E-03	4.20E-01	3.86E-04	5.39E+00
558305.174160482.59	558305.17	4160482.59	WRKR_346	WORKER	2.36E-01	8.47E-05	5.25E+00	3.22E-03	4.64E-01	4.02E-04	5.95E+00
558305.174160492.59	558305.17	4160492.59	WRKR_347	WORKER	2.63E-01	8.83E-05	5.84E+00	3.35E-03	5.16E-01	4.19E-04	6.62E+00
558305.174160502.59	558305.17	4160502.59	WRKR_348	WORKER	2.94E-01	9.22E-05	6.54E+00	3.50E-03	5.78E-01	4.37E-04	7.42E+00
558305.174160512.59	558305.17	4160512.59	WRKR_349	WORKER	3.33E-01	9.65E-05	7.40E+00	3.66E-03	6.54E-01	4.58E-04	8.39E+00
558305.174160522.59	558305.17	4160522.59	WRKR_350	WORKER	3.79E-01	1.01E-04	8.43E+00	3.84E-03	7.45E-01	4.80E-04	9.55E+00
558305.174160532.59	558305.17	4160532.59	WRKR_351	WORKER	4.34E-01	1.06E-04	9.65E+00	4.03E-03	8.53E-01	5.04E-04	1.09E+01
558315.174160362.59	558315.17	4160362.59	WRKR_352	WORKER	8.85E-02	5.86E-05	1.97E+00	2.22E-03	1.74E-01	2.78E-04	2.23E+00
558315.174160372.59	558315.17	4160372.59	WRKR_353	WORKER	9.42E-02	6.04E-05	2.10E+00	2.29E-03	1.85E-01	2.87E-04	2.38E+00
558315.174160382.59	558315.17	4160382.59	WRKR_354	WORKER	1.01E-01	6.22E-05	2.24E+00	2.36E-03	1.98E-01	2.95E-04	2.54E+00
558315.174160392.59	558315.17	4160392.59	WRKR_355	WORKER	1.08E-01	6.42E-05	2.39E+00	2.44E-03	2.12E-01	3.05E-04	2.71E+00
558315.174160402.59	558315.17	4160402.59	WRKR_356	WORKER	1.15E-01	6.64E-05	2.57E+00	2.52E-03	2.27E-01	3.15E-04	2.91E+00
558315.174160412.59	558315.17	4160412.59	WRKR_357	WORKER	1.24E-01	6.86E-05	2.76E+00	2.60E-03	2.44E-01	3.25E-04	3.13E+00
558315.174160422.59	558315.17	4160422.59	WRKR_358	WORKER	1.34E-01	7.10E-05	2.98E+00	2.70E-03	2.63E-01	3.37E-04	3.38E+00
558315.174160432.59	558315.17	4160432.59	WRKR_359	WORKER	1.45E-01	7.37E-05	3.22E+00	2.80E-03	2.85E-01	3.50E-04	3.66E+00
558315.174160442.59	558315.17	4160442.59	WRKR_360	WORKER	1.58E-01	7.65E-05	3.50E+00	2.91E-03	3.10E-01	3.63E-04	3.97E+00
558315.174160452.59	558315.17	4160452.59	WRKR_361	WORKER	1.72E-01	7.95E-05	3.82E+00	3.02E-03	3.38E-01	3.77E-04	4.34E+00
558315.174160462.59	558315.17	4160462.59	WRKR_362	WORKER	1.89E-01	8.27E-05	4.19E+00	3.14E-03	3.71E-01	3.93E-04	4.75E+00
558315.174160472.59	558315.17	4160472.59	WRKR_363	WORKER	2.08E-01	8.62E-05	4.62E+00	3.27E-03	4.08E-01	4.09E-04	5.24E+00
558315.174160482.59	558315.17	4160482.59	WRKR_364	WORKER	2.30E-01	9.00E-05	5.12E+00	3.41E-03	4.52E-01	4.27E-04	5.80E+00
558315.174160492.59	558315.17	4160492.59	WRKR_365	WORKER	2.57E-01	9.41E-05	5.70E+00	3.57E-03	5.04E-01	4.47E-04	6.47E+00
558315.174160502.59	558315.17	4160502.59	WRKR_366	WORKER	2.88E-01	9.87E-05	6.41E+00	3.75E-03	5.67E-01	4.68E-04	7.27E+00
558315.174160512.59	558315.17	4160512.59	WRKR_367	WORKER	3.26E-01	1.04E-04	7.26E+00	3.94E-03	6.42E-01	4.93E-04	8.23E+00
558315.174160522.59	558315.17	4160522.59	WRKR_368	WORKER	3.72E-01	1.10E-04	8.28E+00	4.16E-03	7.32E-01	5.20E-04	9.39E+00
558315.174160532.59	558315.17	4160532.59	WRKR_369	WORKER	4.26E-01	1.15E-04	9.48E+00	4.38E-03	8.38E-01	5.48E-04	1.07E+01
558325.174160362.59	558325.17	4160362.59	WRKR_370	WORKER	8.55E-02	6.10E-05	1.90E+00	2.31E-03	1.68E-01	2.89E-04	2.16E+00
558325.174160372.59	558325.17	4160372.59	WRKR_371	WORKER	9.10E-02	6.29E-05	2.02E+00	2.39E-03	1.79E-01	2.98E-04	2.30E+00
558325.174160382.59	558325.17	4160382.59	WRKR_372	WORKER	9.71E-02	6.49E-05	2.16E+00	2.46E-03	1.91E-01	3.08E-04	2.45E+00
558325.174160392.59	558325.17	4160392.59	WRKR_373	WORKER	1.04E-01	6.70E-05	2.31E+00	2.54E-03	2.04E-01	3.18E-04	2.62E+00
558325.174160402.59	558325.17	4160402.59	WRKR_374	WORKER	1.11E-01	6.93E-05	2.48E+00	2.63E-03	2.19E-01	3.29E-04	2.81E+00
558325.174160412.59	558325.17	4160412.59	WRKR_375	WORKER	1.20E-01	7.18E-05	2.67E+00	2.72E-03	2.36E-01	3.41E-04	3.03E+00
558325.174160422.59	558325.17	4160422.59	WRKR_376	WORKER	1.29E-01	7.44E-05	2.88E+00	2.82E-03	2.55E-01	3.53E-04	3.27E+00
558325.174160432.59	558325.17	4160432.59	WRKR_377	WORKER	1.40E-01	7.72E-05	3.12E+00	2.93E-03	2.76E-01	3.67E-04	3.54E+00
558325.174160442.59	558325.17	4160442.59	WRKR_378	WORKER	1.53E-01	8.03E-05	3.39E+00	3.05E-03	3.00E-01	3.81E-04	3.85E+00
558325.174160452.59	558325.17	4160452.59	WRKR_379	WORKER	1.67E-01	8.36E-05	3.70E+00	3.17E-03	3.28E-01	3.97E-04	4.20E+00
558325.174160462.59	558325.17	4160462.59	WRKR_380	WORKER	1.83E-01	8.71E-05	4.07E+00	3.31E-03	3.60E-01	4.13E-04	4.61E+00
558325.174160472.59	558325.17	4160472.59	WRKR_381	WORKER	2.02E-01	9.10E-05	4.49E+00	3.45E-03	3.97E-01	4.32E-04	5.09E+00
558325.174160482.59	558325.17	4160482.59	WRKR_382	WORKER	2.24E-01	9.53E-05	4.99E+00	3.62E-03	4.41E-01	4.52E-04	5.66E+00
558325.174160492.59	558325.17	4160492.59	WRKR_383	WORKER	2.51E-01	1.00E-04	5.57E+00	3.80E-03	4.93E-01	4.75E-04	6.32E+00
558325.174160502.59	558325.17	4160502.59	WRKR_384	WORKER	2.82E-01	1.05E-04	6.28E+00	4.00E-03	5.55E-01	5.00E-04	7.12E+00
558325.174160512.59	558325.17	4160512.59	WRKR_385	WORKER	3.20E-01	1.11E-04	7.12E+00	4.23E-03	6.29E-01	5.28E-04	8.07E+00
558325.174160522.59	558325.17	4160522.59	WRKR_386	WORKER	3.65E-01	1.18E-04	8.12E+00	4.48E-03	7.18E-01	5.60E-04	9.21E+00
558325.174160532.59	558325.17	4160532.59	WRKR_387	WORKER	4.18E-01	1.25E-04	9.29E+00	4.76E-03	8.22E-01	5.95E-04	1.05E+01
558335.174160362.59	558335.17	4160362.59	WRKR_388	WORKER	8.26E-02	6.34E-05	1.84E+00	2.40E-03	1.62E-01	3.01E-04	2.08E+00
558335.174160372.59	558335.17	4160372.59	WRKR_389	WORKER	8.79E-02	6.55E-05	1.95E+00	2.49E-03	1.73E-01	3.11E-04	2.22E+00
558335.174160382.59	558335.17	4160382.59	WRKR_390	WORKER	9.38E-02	6.76E-05	2.09E+00	2.56E-03	1.84E-01	3.21E-04	2.37E+00
558335.174160392.59	558335.17	4160392.59	WRKR_391	WORKER	1.00E-01	6.99E-05	2.23E+00	2.65E-03	1.97E-01	3.32E-04	2.53E+00
558335.174160402.59	558335.17	4160402.59	WRKR_392	WORKER	1.08E-01	7.23E-05	2.39E+00	2.75E-03	2.12E-01	3.43E-04	2.72E+00
558335.174160412.59	558335.17	4160412.59	WRKR_393	WORKER	1.16E-01	7.49E-05	2.58E+00	2.84E-03	2.28E-01	3.56E-04	2.92E+00
558335.174160422.59	558335.17	4160422.59	WRKR_394	WORKER	1.25E-01	7.77E-05	2.78E+00	2.95E-03	2.46E-01	3.69E-04	3.16E+00
558335.174160432.59	558335.17	4160432.59	WRKR_395	WORKER	1.36E-01	8.07E-05	3.02E+00	3.06E-03	2.67E-01	3.83E-04	3.42E+00
558335.174160442.59	558335.17	4160442.59	WRKR_396	WORKER	1.48E-01	8.40E-05	3.29E+00	3.19E-03	2.91E-01	3.99E-04	3.73E+00
558335.174160452.59	558335.17	4160452.59	WRKR_397	WORKER	1.62E-01	8.76E-05	3.59E+00	3.33E-03	3.18E-01	4.16E-04	4.08E+00
558335.174160462.59	558335.17	4160462.59	WRKR_398	WORKER	1.78E-01	9.15E-05	3.95E+00	3.47E-03	3.49E-01	4.34E-04	4.48E+00
558335.174160472.59	558335.17	4160472.59	WRKR_399	WORKER	1.97E-01	9.58E-05	4.37E+00	3.63E-03	3.86E-01	4.54E-04	4.96E+00
558335.174160482.59	558335.17	4160482.59	WRKR_400	WORKER	2.19E-01	1.01E-04	4.86E+00	3.81E-03	4.30E-01	4.77E-04	5.51E+00
558335.174160492.59	558335.17	4160492.59	WRKR_401	WORKER	2.45E-01	1.06E-04	5.44E+00	4.02E-03	4.81E-01	5.02E-04	6.18E+00
558335.174160502.59	558335.17	4160502.59	WRKR_402	WORKER	2.76E-01	1.12E-04	6.14E+00	4.25E-03	5.43E-01	5.31E-04	6.96E+00
558335.174160512.59	558335.17	4160512.59	WRKR_403	WORKER	3.14E-01	1.19E-04	6.97E+00	4.51E-03	6.16E-01	5.64E-04	7.91E+00
558335.174160522.59	558335.17	4160522.59	WRKR_404	WORKER	3.58E-01	1.27E-04	7.95E+00	4.80E-03	7.03E-01	6.01E-04	9.02E+00
558335.174160532.59	558335.17	4160532.59	WRKR_405	WORKER	4.09E-01	1.35E-04	9.09E+00	5.13E-03	8.03E-01	6.41E-04	1.03E+01
558345.174160362.59	558345.17	4160362.59	WRKR_406	WORKER	7.98E-02	6.58E-05	1.77E+00	2.50E-03	1.57E-01	3.12E-04	2.01E+00
558345.174160372.59	558345.17	4160372.59	WRKR_407	WORKER	8.50E-02	6.81E-05	1.89E+00	2.58E-03	1.67E-01	3.23E-04	2.14E+00
558345.174160382.59	558345.17	4160382.59	WRKR_408	WORKER	9.06E-02	7.05E-05	2.01E+00	2.68E-03	1.78E-01	3.35E-04	2.29E+00
558345.174160392.59	558345.17	4160392.59	WRKR_409	WORKER	9.70E-02	7.28E-05	2.16E+00	2.77E-03	1.91E-01	3.46E-04	2.45E+00
558345.174160402.59	558345.17	4160402.59	WRKR_410	WORKER	1.04E-01	7.54E-05	2.31E+00	2.86E-03	2.05E-01	3.58E-04	2.63E+00
558345.174160412.59	558345.17	4160412.59	WRKR_411	WORKER	1.12E-01	7.82E-05	2.49E+00	2.97E-03	2.20E-01	3.71E-04	2.83E+00
558345.174160422.59	558345.17	4160422.59	WRKR_412	WORKER	1.21E-01	8.12E-05	2.69E+00	3.08E-03	2.38E-01	3.85E-04	3.06E+00
558345.174160432.59	558345.17	4160432.59	WRKR_413	WORKER	1.31E-01	8.44E-05	2.92E+00	3.20E-03	2.58E-01	4.01E-04	3.32E+00
558345.174160442.59	558345.17	4160442.59	WRKR_414	WORKER	1.43E-01	8.75E-05	3.19E+00	3.32E-03	2.82E-01	4.15E-04	3.62E+00
558345.174160452.59	558345.17	4160452.59	WRKR_415	WORKER	1.57E-01	9.15E-05	3.49E+00	3.47E-03	3.09E-01	4.34E-04	3.96E+00
558345.174160462.59	558345.17	4160462.59	WRKR_416	WORKER	1.73E-01	9.59E-05	3.84E+00	3.64E-03	3.40E-01	4.55E-04	4.36E+00

Cancer Risk

					AE		AH		
					3rd Tri		0<2		2<16		Total Cancer Risk (cases per million)
					Cancer Risk (cases per million)		Cancer Risk (cases per million)		Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD	
558345.174160472.59	558345.17	4160472.59	WRKR_417	WORKER	1.91E-01	1.00E-04	4.25E+00	3.81E-03	3.76E-01	4.77E-04	4.82E+00
558345.174160482.59	558345.17	4160482.59	WRKR_418	WORKER	2.13E-01	1.06E-04	4.73E+00	4.01E-03	4.19E-01	5.01E-04	5.37E+00
558345.174160492.59	558345.17	4160492.59	WRKR_419	WORKER	2.39E-01	1.11E-04	5.31E+00	4.23E-03	4.69E-01	5.29E-04	6.02E+00
558345.174160502.59	558345.17	4160502.59	WRKR_420	WORKER	2.70E-01	1.18E-04	5.99E+00	4.49E-03	5.30E-01	5.61E-04	6.80E+00
558345.174160512.59	558345.17	4160512.59	WRKR_421	WORKER	3.06E-01	1.26E-04	6.80E+00	4.78E-03	6.01E-01	5.98E-04	7.72E+00
558345.174160522.59	558345.17	4160522.59	WRKR_422	WORKER	3.49E-01	1.35E-04	7.75E+00	5.11E-03	6.85E-01	6.39E-04	8.79E+00
558345.174160532.59	558345.17	4160532.59	WRKR_423	WORKER	3.98E-01	1.45E-04	8.85E+00	5.49E-03	7.82E-01	6.87E-04	1.00E+01
558355.174160362.59	558355.17	4160362.59	WRKR_424	WORKER	7.72E-02	6.84E-05	1.72E+00	2.60E-03	1.52E-01	3.25E-04	1.95E+00
558355.174160372.59	558355.17	4160372.59	WRKR_425	WORKER	8.22E-02	7.08E-05	1.83E+00	2.69E-03	1.62E-01	3.36E-04	2.07E+00
558355.174160382.59	558355.17	4160382.59	WRKR_426	WORKER	8.77E-02	7.33E-05	1.95E+00	2.78E-03	1.72E-01	3.48E-04	2.21E+00
558355.174160392.59	558355.17	4160392.59	WRKR_427	WORKER	9.39E-02	7.60E-05	2.09E+00	2.88E-03	1.84E-01	3.61E-04	2.37E+00
558355.174160402.59	558355.17	4160402.59	WRKR_428	WORKER	1.01E-01	7.86E-05	2.24E+00	2.98E-03	1.98E-01	3.73E-04	2.54E+00
558355.174160412.59	558355.17	4160412.59	WRKR_429	WORKER	1.09E-01	8.16E-05	2.41E+00	3.10E-03	2.13E-01	3.87E-04	2.74E+00
558355.174160422.59	558355.17	4160422.59	WRKR_430	WORKER	1.17E-01	8.47E-05	2.61E+00	3.22E-03	2.31E-01	4.02E-04	2.96E+00
558355.174160432.59	558355.17	4160432.59	WRKR_431	WORKER	1.28E-01	8.81E-05	2.84E+00	3.34E-03	2.51E-01	4.18E-04	3.22E+00
558355.174160442.59	558355.17	4160442.59	WRKR_432	WORKER	1.39E-01	9.16E-05	3.09E+00	3.48E-03	2.74E-01	4.35E-04	3.51E+00
558355.174160452.59	558355.17	4160452.59	WRKR_433	WORKER	1.53E-01	9.57E-05	3.39E+00	3.63E-03	3.00E-01	4.54E-04	3.85E+00
558355.174160462.59	558355.17	4160462.59	WRKR_434	WORKER	1.68E-01	1.00E-04	3.74E+00	3.81E-03	3.31E-01	4.76E-04	4.24E+00
558355.174160472.59	558355.17	4160472.59	WRKR_435	WORKER	1.86E-01	1.05E-04	4.14E+00	3.99E-03	3.66E-01	4.99E-04	4.70E+00
558355.174160482.59	558355.17	4160482.59	WRKR_436	WORKER	2.07E-01	1.11E-04	4.61E+00	4.20E-03	4.08E-01	5.25E-04	5.23E+00
558355.174160492.59	558355.17	4160492.59	WRKR_437	WORKER	2.33E-01	1.17E-04	5.17E+00	4.44E-03	4.57E-01	5.55E-04	5.86E+00
558355.174160502.59	558355.17	4160502.59	WRKR_438	WORKER	2.62E-01	1.24E-04	5.83E+00	4.71E-03	5.16E-01	5.89E-04	6.62E+00
558355.174160512.59	558355.17	4160512.59	WRKR_439	WORKER	2.97E-01	1.33E-04	6.61E+00	5.03E-03	5.85E-01	6.29E-04	7.50E+00
558355.174160522.59	558355.17	4160522.59	WRKR_440	WORKER	3.38E-01	1.42E-04	7.52E+00	5.40E-03	6.65E-01	6.75E-04	8.53E+00
558355.174160532.59	558355.17	4160532.59	WRKR_441	WORKER	3.86E-01	1.54E-04	8.59E+00	5.83E-03	7.59E-01	7.30E-04	9.74E+00
558365.174160362.59	558365.17	4160362.59	WRKR_442	WORKER	7.48E-02	7.13E-05	1.66E+00	2.70E-03	1.47E-01	3.38E-04	1.89E+00
558365.174160372.59	558365.17	4160372.59	WRKR_443	WORKER	7.96E-02	7.37E-05	1.77E+00	2.80E-03	1.57E-01	3.50E-04	2.01E+00
558365.174160382.59	558365.17	4160382.59	WRKR_444	WORKER	8.50E-02	7.64E-05	1.89E+00	2.90E-03	1.67E-01	3.62E-04	2.15E+00
558365.174160392.59	558365.17	4160392.59	WRKR_445	WORKER	9.10E-02	7.91E-05	2.02E+00	3.00E-03	1.79E-01	3.76E-04	2.30E+00
558365.174160402.59	558365.17	4160402.59	WRKR_446	WORKER	9.78E-02	8.20E-05	2.17E+00	3.11E-03	1.92E-01	3.89E-04	2.47E+00
558365.174160412.59	558365.17	4160412.59	WRKR_447	WORKER	1.05E-01	8.51E-05	2.34E+00	3.23E-03	2.07E-01	4.04E-04	2.66E+00
558365.174160422.59	558365.17	4160422.59	WRKR_448	WORKER	1.14E-01	8.84E-05	2.54E+00	3.35E-03	2.24E-01	4.19E-04	2.88E+00
558365.174160432.59	558365.17	4160432.59	WRKR_449	WORKER	1.24E-01	9.18E-05	2.76E+00	3.49E-03	2.44E-01	4.36E-04	3.13E+00
558365.174160442.59	558365.17	4160442.59	WRKR_450	WORKER	1.35E-01	9.57E-05	3.01E+00	3.63E-03	2.66E-01	4.54E-04	3.42E+00
558365.174160452.59	558365.17	4160452.59	WRKR_451	WORKER	1.49E-01	1.00E-04	3.30E+00	3.80E-03	2.92E-01	4.75E-04	3.75E+00
558365.174160462.59	558365.17	4160462.59	WRKR_452	WORKER	1.64E-01	1.05E-04	3.64E+00	3.98E-03	3.22E-01	4.97E-04	4.13E+00
558365.174160472.59	558365.17	4160472.59	WRKR_453	WORKER	1.82E-01	1.10E-04	4.04E+00	4.17E-03	3.57E-01	5.22E-04	4.58E+00
558365.174160482.59	558365.17	4160482.59	WRKR_454	WORKER	2.02E-01	1.16E-04	4.50E+00	4.39E-03	3.98E-01	5.49E-04	5.11E+00
558365.174160492.59	558365.17	4160492.59	WRKR_455	WORKER	2.27E-01	1.22E-04	5.04E+00	4.65E-03	4.46E-01	5.81E-04	5.72E+00
558365.174160502.59	558365.17	4160502.59	WRKR_456	WORKER	2.56E-01	1.30E-04	5.68E+00	4.94E-03	5.02E-01	6.17E-04	6.45E+00
558365.174160512.59	558365.17	4160512.59	WRKR_457	WORKER	2.89E-01	1.39E-04	6.43E+00	5.27E-03	5.68E-01	6.59E-04	7.29E+00
558365.174160522.59	558365.17	4160522.59	WRKR_458	WORKER	3.28E-01	1.49E-04	7.29E+00	5.67E-03	6.45E-01	7.09E-04	8.27E+00
558365.174160532.59	558365.17	4160532.59	WRKR_459	WORKER	3.73E-01	1.62E-04	8.30E+00	6.15E-03	7.34E-01	7.69E-04	9.41E+00
558375.174160362.59	558375.17	4160362.59	WRKR_460	WORKER	7.26E-02	7.43E-05	1.61E+00	2.82E-03	1.43E-01	3.53E-04	1.83E+00
558375.174160372.59	558375.17	4160372.59	WRKR_461	WORKER	7.73E-02	7.70E-05	1.72E+00	2.92E-03	1.52E-01	3.65E-04	1.95E+00
558375.174160382.59	558375.17	4160382.59	WRKR_462	WORKER	8.26E-02	7.98E-05	1.84E+00	3.03E-03	1.62E-01	3.79E-04	2.08E+00
558375.174160392.59	558375.17	4160392.59	WRKR_463	WORKER	8.85E-02	8.24E-05	1.97E+00	3.13E-03	1.74E-01	3.91E-04	2.23E+00
558375.174160402.59	558375.17	4160402.59	WRKR_464	WORKER	9.51E-02	8.55E-05	2.11E+00	3.25E-03	1.87E-01	4.06E-04	2.40E+00
558375.174160412.59	558375.17	4160412.59	WRKR_465	WORKER	1.03E-01	8.88E-05	2.28E+00	3.37E-03	2.02E-01	4.21E-04	2.59E+00
558375.174160422.59	558375.17	4160422.59	WRKR_466	WORKER	1.11E-01	9.21E-05	2.47E+00	3.50E-03	2.18E-01	4.37E-04	2.80E+00
558375.174160432.59	558375.17	4160432.59	WRKR_467	WORKER	1.21E-01	9.58E-05	2.69E+00	3.64E-03	2.38E-01	4.55E-04	3.05E+00
558375.174160442.59	558375.17	4160442.59	WRKR_468	WORKER	1.32E-01	9.99E-05	2.94E+00	3.79E-03	2.60E-01	4.74E-04	3.33E+00
558375.174160452.59	558375.17	4160452.59	WRKR_469	WORKER	1.45E-01	1.04E-04	3.22E+00	3.96E-03	2.85E-01	4.96E-04	3.66E+00
558375.174160462.59	558375.17	4160462.59	WRKR_470	WORKER	1.60E-01	1.09E-04	3.56E+00	4.15E-03	3.14E-01	5.19E-04	4.04E+00
558375.174160472.59	558375.17	4160472.59	WRKR_471	WORKER	1.78E-01	1.15E-04	3.95E+00	4.36E-03	3.49E-01	5.45E-04	4.48E+00
558375.174160482.59	558375.17	4160482.59	WRKR_472	WORKER	1.98E-01	1.21E-04	4.40E+00	4.59E-03	3.89E-01	5.74E-04	4.99E+00
558375.174160492.59	558375.17	4160492.59	WRKR_473	WORKER	2.22E-01	1.28E-04	4.93E+00	4.86E-03	4.35E-01	6.07E-04	5.59E+00
558375.174160502.59	558375.17	4160502.59	WRKR_474	WORKER	2.49E-01	1.36E-04	5.54E+00	5.16E-03	4.90E-01	6.46E-04	6.28E+00
558375.174160512.59	558375.17	4160512.59	WRKR_475	WORKER	2.81E-01	1.45E-04	6.25E+00	5.52E-03	5.52E-01	6.91E-04	7.09E+00
558375.174160522.59	558375.17	4160522.59	WRKR_476	WORKER	3.18E-01	1.57E-04	7.07E+00	5.95E-03	6.25E-01	7.44E-04	8.02E+00
558375.174160532.59	558375.17	4160532.59	WRKR_477	WORKER	3.61E-01	1.70E-04	8.02E+00	6.46E-03	7.09E-01	8.08E-04	9.09E+00
558385.174160362.59	558385.17	4160362.59	WRKR_478	WORKER	7.07E-02	7.75E-05	1.57E+00	2.94E-03	1.39E-01	3.68E-04	1.78E+00
558385.174160372.59	558385.17	4160372.59	WRKR_479	WORKER	7.53E-02	8.05E-05	1.67E+00	3.05E-03	1.48E-01	3.82E-04	1.90E+00
558385.174160382.59	558385.17	4160382.59	WRKR_480	WORKER	8.04E-02	8.33E-05	1.79E+00	3.16E-03	1.58E-01	3.96E-04	2.03E+00
558385.174160392.59	558385.17	4160392.59	WRKR_481	WORKER	8.62E-02	8.59E-05	1.92E+00	3.26E-03	1.69E-01	4.07E-04	2.18E+00
558385.174160402.59	558385.17	4160402.59	WRKR_482	WORKER	9.27E-02	8.91E-05	2.06E+00	3.38E-03	1.82E-01	4.23E-04	2.34E+00
558385.174160412.59	558385.17	4160412.59	WRKR_483	WORKER	1.00E-01	9.26E-05	2.23E+00	3.51E-03	1.97E-01	4.39E-04	2.53E+00
558385.174160422.59	558385.17	4160422.59	WRKR_484	WORKER	1.09E-01	9.62E-05	2.41E+00	3.65E-03	2.13E-01	4.56E-04	2.74E+00
558385.174160432.59	558385.17	4160432.59	WRKR_485	WORKER	1.18E-01	1.00E-04	2.63E+00	3.80E-03	2.32E-01	4.75E-04	2.98E+00
558385.174160442.59	558385.17	4160442.59	WRKR_486	WORKER	1.29E-01	1.04E-04	2.87E+00	3.96E-03	2.54E-01	4.95E-04	3.26E+00
558385.174160452.59	558385.17	4160452.59	WRKR_487	WORKER	1.42E-01	1.09E-04	3.15E+00	4.14E-03	2.79E-01	5.17E-04	3.58E+00
558385.174160462.59	558385.17	4160462.59	WRKR_488	WORKER	1.57E-01	1.14E-04	3.48E+00	4.33E-03	3.08E-01	5.41E-04	3.95E+00
558385.174160472.59	558385.17	4160472.59	WRKR_489	WORKER	1.74E-01	1.20E-04	3.86E+00	4.55E-03	3.42E-01	5.69E-04	4.38E+00
558385.174160482.59	558385.17	4160482.59	WRKR_490	WORKER	1.94E-01	1.26E-04	4.30E+00	4.79E-03	3.81E-01	5.99E-04	4.88E+00
558385.174160492.59	558385.17	4160492.59	WRKR_491	WORKER	2.17E-01	1.34E-04	4.81E+00	5.07E-03	4.26E-01	6.34E-04	5.46E+00
558385.174160502.59	558385.17	4160502.59	WRKR_492	WORKER	2.43E-01	1.42E-04	5.40E+00	5.40E-03	4.78E-01	6.75E-04	6.13E+00
558385.174160512.59	558385.17	4160512.59	WRKR_493	WORKER	2.73E-01	1.52E-04	6.08E+00	5.77E-03	5.37E-01	7.22E-04	6.89E+00
558385.174160522.59	558385.17	4160522.59	WRKR_494	WORKER	3.08E-01	1.64E-04	6.85E+00	6.22E-03	6.06E-01	7.78E-04	7.77E+00
558385.174160532.59	558385.17	4160532.59	WRKR_495	WORKER	3.48E-01	1.78E-04	7.73E+00	6.76E-03	6.84E-01	8.46E-04	8.77E+00
558395.174160362.59	558395.17	4160362.59	WRKR_496	WORKER	6.89E-02	8.08E-05	1.53E+00	3.07E-03	1.35E-01	3.83E-04	1.74E+00
558395.174160372.59	558395.17	4160372.59	WRKR_497	WORKER	7.35E-02	8.37E-05	1.63E+00	3.18E-03	1.44E-01	3.97E-04	1.85E+00
558395.174160382.59	558395.17	4160382.59	WRKR_498	WORKER	7.86E-02	8.66E-05	1.75E+00	3.29E-03	1.54E-01	4.11E-04	1.98E+00
558395.174160392.59	558395.17	4160392.59	WRKR_499	WORKER	8.43E-02	8.97E-05	1.87E+00	3.40E-03	1.66E-01	4.26E-04	2.13E+00
558395.174160402.59	558395.17	4160402.59	WRKR_500	WORKER	9.07E-02	9.29E-05	2.02E+00	3.53E-03	1.78E-01	4.41E-04	2.29E+00
558395.174160412.59	558395.17	4160412.59	WRKR_501	WORKER	9.80E-02	9.65E-05	2.18E+00	3.66E-03	1.93E-01	4.58E-04	2.47E+00
558395.174160422.59	558395.17	4160422.59	WRKR_502	WORKER	1.06E-01	1.00E-04	2.36E+00	3.80E-03	2.09E-01	4.76E-04	2.68E+00
558395.174160432.59	558395.17	4160432.59	WRKR_503	WORKER	1.16E-01	1.04E-04	2.58E+00	3.96E-03	2.28E-01	4.95E-04	2.93E+00

Cancer Risk

					AE		AH			
					3rd Tri		0<2		2<16		Total Cancer Risk (cases per million)
					Cancer Risk (cases per million)		Cancer Risk (cases per million)		Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD	
558395.174160442.59	558395.17	4160442.59	WRKR_504	WORKER	1.27E-01	1.09E-04	2.82E+00	4.13E-03	2.49E-01	5.16E-04	3.20E+00
558395.174160452.59	558395.17	4160452.59	WRKR_505	WORKER	1.39E-01	1.14E-04	3.10E+00	4.32E-03	2.74E-01	5.40E-04	3.52E+00
558395.174160462.59	558395.17	4160462.59	WRKR_506	WORKER	1.54E-01	1.19E-04	3.42E+00	4.52E-03	3.02E-01	5.65E-04	3.88E+00
558395.174160472.59	558395.17	4160472.59	WRKR_507	WORKER	1.71E-01	1.25E-04	3.79E+00	4.75E-03	3.35E-01	5.93E-04	4.30E+00
558395.174160482.59	558395.17	4160482.59	WRKR_508	WORKER	1.90E-01	1.32E-04	4.22E+00	5.00E-03	3.73E-01	6.25E-04	4.79E+00
558395.174160492.59	558395.17	4160492.59	WRKR_509	WORKER	2.12E-01	1.39E-04	4.72E+00	5.29E-03	4.17E-01	6.62E-04	5.35E+00
558395.174160502.59	558395.17	4160502.59	WRKR_510	WORKER	2.38E-01	1.48E-04	5.28E+00	5.63E-03	4.67E-01	7.04E-04	5.99E+00
558395.174160512.59	558395.17	4160512.59	WRKR_511	WORKER	2.66E-01	1.59E-04	5.92E+00	6.03E-03	5.23E-01	7.54E-04	6.72E+00
557513.484160678.78	557513.48	4160678.78	HOTEL_1	RESIDENT	2.07E-02	6.11E-06	4.60E-01	2.32E-04	4.07E-02	2.90E-05	5.22E-01
557513.484160688.78	557513.48	4160688.78	HOTEL_2	RESIDENT	2.06E-02	6.11E-06	4.59E-01	2.32E-04	4.06E-02	2.90E-05	5.20E-01
557513.484160698.78	557513.48	4160698.78	HOTEL_3	RESIDENT	2.06E-02	6.12E-06	4.57E-01	2.32E-04	4.04E-02	2.90E-05	5.19E-01
557513.484160708.78	557513.48	4160708.78	HOTEL_4	RESIDENT	2.05E-02	6.12E-06	4.56E-01	2.32E-04	4.04E-02	2.91E-05	5.18E-01
557513.484160718.78	557513.48	4160718.78	HOTEL_5	RESIDENT	2.05E-02	6.13E-06	4.56E-01	2.33E-04	4.03E-02	2.91E-05	5.17E-01
557513.484160728.78	557513.48	4160728.78	HOTEL_6	RESIDENT	2.05E-02	6.13E-06	4.56E-01	2.33E-04	4.03E-02	2.91E-05	5.17E-01
557523.484160678.78	557523.48	4160678.78	HOTEL_7	RESIDENT	2.12E-02	6.20E-06	4.72E-01	2.35E-04	4.18E-02	2.94E-05	5.36E-01
557523.484160688.78	557523.48	4160688.78	HOTEL_8	RESIDENT	2.12E-02	6.21E-06	4.71E-01	2.36E-04	4.16E-02	2.95E-05	5.34E-01
557523.484160698.78	557523.48	4160698.78	HOTEL_9	RESIDENT	2.11E-02	6.21E-06	4.69E-01	2.36E-04	4.15E-02	2.95E-05	5.32E-01
557523.484160708.78	557523.48	4160708.78	HOTEL_10	RESIDENT	2.11E-02	6.21E-06	4.68E-01	2.36E-04	4.14E-02	2.95E-05	5.31E-01
557523.484160718.78	557523.48	4160718.78	HOTEL_11	RESIDENT	2.11E-02	6.22E-06	4.68E-01	2.36E-04	4.14E-02	2.95E-05	5.31E-01
557523.484160728.78	557523.48	4160728.78	HOTEL_12	RESIDENT	2.10E-02	6.23E-06	4.68E-01	2.36E-04	4.14E-02	2.96E-05	5.31E-01
557533.484160678.78	557533.48	4160678.78	HOTEL_13	RESIDENT	2.19E-02	6.30E-06	4.86E-01	2.39E-04	4.30E-02	2.99E-05	5.51E-01
557533.484160688.78	557533.48	4160688.78	HOTEL_14	RESIDENT	2.18E-02	6.31E-06	4.84E-01	2.39E-04	4.28E-02	2.99E-05	5.49E-01
557533.484160698.78	557533.48	4160698.78	HOTEL_15	RESIDENT	2.17E-02	6.31E-06	4.83E-01	2.40E-04	4.27E-02	3.00E-05	5.48E-01
557533.484160708.78	557533.48	4160708.78	HOTEL_16	RESIDENT	2.17E-02	6.32E-06	4.82E-01	2.40E-04	4.26E-02	3.00E-05	5.47E-01
557533.484160718.78	557533.48	4160718.78	HOTEL_17	RESIDENT	2.17E-02	6.32E-06	4.81E-01	2.40E-04	4.26E-02	3.00E-05	5.46E-01
557533.484160728.78	557533.48	4160728.78	HOTEL_18	RESIDENT	2.16E-02	6.33E-06	4.81E-01	2.40E-04	4.26E-02	3.00E-05	5.46E-01
557543.484160678.78	557543.48	4160678.78	HOTEL_19	RESIDENT	2.25E-02	6.41E-06	5.00E-01	2.43E-04	4.42E-02	3.04E-05	5.67E-01
557543.484160688.78	557543.48	4160688.78	HOTEL_20	RESIDENT	2.24E-02	6.41E-06	4.98E-01	2.43E-04	4.40E-02	3.04E-05	5.65E-01
557543.484160698.78	557543.48	4160698.78	HOTEL_21	RESIDENT	2.23E-02	6.41E-06	4.97E-01	2.43E-04	4.39E-02	3.04E-05	5.63E-01
557543.484160708.78	557543.48	4160708.78	HOTEL_22	RESIDENT	2.23E-02	6.42E-06	4.96E-01	2.44E-04	4.39E-02	3.05E-05	5.63E-01
557543.484160718.78	557543.48	4160718.78	HOTEL_23	RESIDENT	2.23E-02	6.42E-06	4.95E-01	2.44E-04	4.38E-02	3.05E-05	5.62E-01
557543.484160728.78	557543.48	4160728.78	HOTEL_24	RESIDENT	2.23E-02	6.43E-06	4.95E-01	2.44E-04	4.38E-02	3.05E-05	5.62E-01
557553.484160678.78	557553.48	4160678.78	HOTEL_25	RESIDENT	2.32E-02	6.52E-06	5.16E-01	2.48E-04	4.57E-02	3.10E-05	5.86E-01
557553.484160688.78	557553.48	4160688.78	HOTEL_26	RESIDENT	2.31E-02	6.52E-06	5.14E-01	2.48E-04	4.55E-02	3.10E-05	5.83E-01
557553.484160698.78	557553.48	4160698.78	HOTEL_27	RESIDENT	2.31E-02	6.53E-06	5.13E-01	2.48E-04	4.54E-02	3.10E-05	5.82E-01
557553.484160708.78	557553.48	4160708.78	HOTEL_28	RESIDENT	2.31E-02	6.53E-06	5.12E-01	2.48E-04	4.53E-02	3.10E-05	5.81E-01
557553.484160718.78	557553.48	4160718.78	HOTEL_29	RESIDENT	2.30E-02	6.54E-06	5.11E-01	2.48E-04	4.52E-02	3.10E-05	5.80E-01
557553.484160728.78	557553.48	4160728.78	HOTEL_30	RESIDENT	2.30E-02	6.54E-06	5.11E-01	2.48E-04	4.52E-02	3.11E-05	5.79E-01
557563.484160678.78	557563.48	4160678.78	HOTEL_31	RESIDENT	2.40E-02	6.64E-06	5.34E-01	2.52E-04	4.72E-02	3.15E-05	6.05E-01
557563.484160688.78	557563.48	4160688.78	HOTEL_32	RESIDENT	2.39E-02	6.64E-06	5.31E-01	2.52E-04	4.70E-02	3.15E-05	6.02E-01
557563.484160698.78	557563.48	4160698.78	HOTEL_33	RESIDENT	2.38E-02	6.64E-06	5.29E-01	2.52E-04	4.68E-02	3.15E-05	6.00E-01
557563.484160708.78	557563.48	4160708.78	HOTEL_34	RESIDENT	2.38E-02	6.64E-06	5.28E-01	2.52E-04	4.67E-02	3.15E-05	5.99E-01
557563.484160718.78	557563.48	4160718.78	HOTEL_35	RESIDENT	2.37E-02	6.65E-06	5.27E-01	2.52E-04	4.66E-02	3.16E-05	5.97E-01
557563.484160728.78	557563.48	4160728.78	HOTEL_36	RESIDENT	2.37E-02	6.65E-06	5.27E-01	2.53E-04	4.66E-02	3.16E-05	5.97E-01
557573.484160678.78	557573.48	4160678.78	HOTEL_37	RESIDENT	2.47E-02	6.75E-06	5.49E-01	2.56E-04	4.85E-02	3.20E-05	6.22E-01
557573.484160688.78	557573.48	4160688.78	HOTEL_38	RESIDENT	2.46E-02	6.75E-06	5.48E-01	2.56E-04	4.84E-02	3.20E-05	6.21E-01
557573.484160698.78	557573.48	4160698.78	HOTEL_39	RESIDENT	2.46E-02	6.75E-06	5.46E-01	2.56E-04	4.83E-02	3.20E-05	6.19E-01
557573.484160708.78	557573.48	4160708.78	HOTEL_40	RESIDENT	2.45E-02	6.76E-06	5.45E-01	2.56E-04	4.82E-02	3.21E-05	6.18E-01
557573.484160718.78	557573.48	4160718.78	HOTEL_41	RESIDENT	2.44E-02	6.76E-06	5.43E-01	2.57E-04	4.80E-02	3.21E-05	6.16E-01
557573.484160728.78	557573.48	4160728.78	HOTEL_42	RESIDENT	2.44E-02	6.77E-06	5.43E-01	2.57E-04	4.80E-02	3.21E-05	6.16E-01
557583.484160678.78	557583.48	4160678.78	HOTEL_43	RESIDENT	2.54E-02	6.86E-06	5.65E-01	2.60E-04	5.00E-02	3.25E-05	6.41E-01
557583.484160688.78	557583.48	4160688.78	HOTEL_44	RESIDENT	2.53E-02	6.86E-06	5.63E-01	2.60E-04	4.98E-02	3.26E-05	6.39E-01
557583.484160698.78	557583.48	4160698.78	HOTEL_45	RESIDENT	2.53E-02	6.87E-06	5.62E-01	2.61E-04	4.97E-02	3.26E-05	6.38E-01
557583.484160708.78	557583.48	4160708.78	HOTEL_46	RESIDENT	2.53E-02	6.88E-06	5.62E-01	2.61E-04	4.97E-02	3.26E-05	6.37E-01
557583.484160718.78	557583.48	4160718.78	HOTEL_47	RESIDENT	2.52E-02	6.88E-06	5.61E-01	2.61E-04	4.96E-02	3.26E-05	6.36E-01
557583.484160728.78	557583.48	4160728.78	HOTEL_48	RESIDENT	2.52E-02	6.88E-06	5.60E-01	2.61E-04	4.95E-02	3.27E-05	6.35E-01
557593.484160678.78	557593.48	4160678.78	HOTEL_49	RESIDENT	2.63E-02	6.98E-06	5.84E-01	2.65E-04	5.16E-02	3.31E-05	6.62E-01
557593.484160688.78	557593.48	4160688.78	HOTEL_50	RESIDENT	2.62E-02	6.98E-06	5.82E-01	2.65E-04	5.15E-02	3.31E-05	6.60E-01
557593.484160698.78	557593.48	4160698.78	HOTEL_51	RESIDENT	2.61E-02	6.99E-06	5.81E-01	2.65E-04	5.13E-02	3.32E-05	6.58E-01
557593.484160708.78	557593.48	4160708.78	HOTEL_52	RESIDENT	2.61E-02	6.99E-06	5.80E-01	2.65E-04	5.13E-02	3.32E-05	6.57E-01
557593.484160718.78	557593.48	4160718.78	HOTEL_53	RESIDENT	2.60E-02	7.00E-06	5.79E-01	2.66E-04	5.12E-02	3.32E-05	6.56E-01
557593.484160728.78	557593.48	4160728.78	HOTEL_54	RESIDENT	2.60E-02	7.00E-06	5.78E-01	2.66E-04	5.11E-02	3.32E-05	6.56E-01
557603.484160678.78	557603.48	4160678.78	HOTEL_55	RESIDENT	2.71E-02	7.10E-06	6.03E-01	2.70E-04	5.33E-02	3.37E-05	6.83E-01
557603.484160688.78	557603.48	4160688.78	HOTEL_56	RESIDENT	2.71E-02	7.11E-06	6.02E-01	2.70E-04	5.32E-02	3.37E-05	6.82E-01
557603.484160698.78	557603.48	4160698.78	HOTEL_57	RESIDENT	2.70E-02	7.11E-06	6.00E-01	2.70E-04	5.31E-02	3.37E-05	6.80E-01
557603.484160708.78	557603.48	4160708.78	HOTEL_58	RESIDENT	2.69E-02	7.12E-06	5.99E-01	2.70E-04	5.29E-02	3.38E-05	6.79E-01
557603.484160718.78	557603.48	4160718.78	HOTEL_59	RESIDENT	2.69E-02	7.12E-06	5.98E-01	2.70E-04	5.29E-02	3.38E-05	6.79E-01
557613.484160678.78	557613.48	4160678.78	HOTEL_60	RESIDENT	2.81E-02	7.24E-06	6.25E-01	2.75E-04	5.53E-02	3.44E-05	7.09E-01
557613.484160688.78	557613.48	4160688.78	HOTEL_61	RESIDENT	2.80E-02	7.24E-06	6.23E-01	2.75E-04	5.51E-02	3.44E-05	7.06E-01
557613.484160698.78	557613.48	4160698.78	HOTEL_62	RESIDENT	2.79E-02	7.24E-06	6.21E-01	2.75E-04	5.49E-02	3.44E-05	7.04E-01
557613.484160708.78	557613.48	4160708.78	HOTEL_63	RESIDENT	2.79E-02	7.25E-06	6.20E-01	2.75E-04	5.48E-02	3.44E-05	7.03E-01
557623.484160688.78	557623.48	4160688.78	HOTEL_64	RESIDENT	2.90E-02	7.37E-06	6.45E-01	2.80E-04	5.70E-02	3.50E-05	7.31E-01
557623.484160698.78	557623.48	4160698.78	HOTEL_65	RESIDENT	2.89E-02	7.37E-06	6.42E-01	2.80E-04	5.68E-02	3.50E-05	7.28E-01
557623.484160708.78	557623.48	4160708.78	HOTEL_66	RESIDENT	2.89E-02	7.38E-06	6.42E-01	2.80E-04	5.67E-02	3.50E-05	7.28E-01
558477.664160568.94	558477.66	4160568.94	WRKR_512	WORKER	3.74E-01	4.13E-04	8.32E+00	1.57E-02	7.35E-01	1.96E-03	9.44E+00
558477.664160578.94	558477.66	4160578.94	WRKR_513	WORKER	4.11E-01	4.78E-04	9.13E+00	1.81E-02	8.07E-01	2.27E-03	1.04E+01
558477.664160588.94	558477.66	4160588.94	WRKR_514	WORKER	4.51E-01	5.65E-04	1.00E+01	2.14E-02	8.86E-01	2.68E-03	1.14E+01
558477.664160598.94	558477.66	4160598.94	WRKR_515	WORKER	4.94E-01	6.86E-04	1.10E+01	2.60E-02	9.70E-01	3.26E-03	1.25E+01
558487.664160568.94	558487.66	4160568.94	WRKR_516	WORKER	3.56E-01	4.30E-04	7.92E+00	1.63E-02	7.00E-01	2.04E-03	8.99E+00
558487.664160578.94	558487.66	4160578.94	WRKR_517	WORKER	3.88E-01	4.90E-04	8.63E+00	1.86E-02	7.63E-01	2.32E-03	9.80E+00
558487.664160588.94	558487.66	4160588.94	WRKR_518	WORKER	4.22E-01	5.67E-04	9.38E+00	2.15E-02	8.30E-01	2.69E-03	1.07E+01
558487.664160598.94	558487.66	4160598.94	WRKR_519	WORKER	4.59E-01	6.74E-04	1.02E+01	2.56E-02	9.01E-01	3.20E-03	1.16E+01
558497.664160568.94	558497.66	4160568.94	WRKR_520	WORKER	3.44E-01	4.55E-04	7.64E+00	1.73E-02	6.75E-01	2.16E-03	8.68E+00
558497.664160578.94	558497.66	4160578.94	WRKR_521	WORKER	3.72E-01	5.12E-04	8.28E+00	1.94E-02	7.32E-01	2.43E-03	9.41E+00
558497.664160588.94	558497.66	4160588.94	WRKR_522	WORKER	4.03E-01	5.90E-04	8.96E+00	2.24E-02	7.92E-01	2.80E-03	1.02E+01
558497.664160598.94	558497.66	4160598.94	WRKR_523	WORKER	4.35E-01	6.96E-04	9.66E+00	2.64E-02	8.54E-01	3.30E-03	1.10E+01
558507.664160568.94	558507.66	4160568.94	WRKR_524	WORKER	3.34E-01	4.96E-04	7.42E+00	1.88E-02	6.56E-01	2.36E-03	8.43E+00

Cancer Risk

					AE		AH			
					3rd Tri		0<2		2<16		Total Cancer Risk (cases per million)
					Cancer Risk (cases per million)		Cancer Risk (cases per million)		Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD	
558507.664160578.94	558507.66	4160578.94	WRKR_525	WORKER	3.59E-01	5.53E-04	7.99E+00	2.10E-02	7.06E-01	2.62E-03	9.08E+00
558507.664160588.94	558507.66	4160588.94	WRKR_526	WORKER	3.87E-01	6.37E-04	8.61E+00	2.42E-02	7.62E-01	3.02E-03	9.79E+00
558507.664160598.94	558507.66	4160598.94	WRKR_527	WORKER	4.15E-01	7.52E-04	9.23E+00	2.85E-02	8.16E-01	3.57E-03	1.05E+01
558517.664160568.94	558517.66	4160568.94	WRKR_528	WORKER	3.23E-01	5.45E-04	7.18E+00	2.07E-02	6.35E-01	2.59E-03	8.16E+00
558517.664160578.94	558517.66	4160578.94	WRKR_529	WORKER	3.46E-01	6.06E-04	7.69E+00	2.30E-02	6.80E-01	2.88E-03	8.75E+00
558517.664160588.94	558517.66	4160588.94	WRKR_530	WORKER	3.70E-01	6.91E-04	8.23E+00	2.62E-02	7.28E-01	3.28E-03	9.36E+00
558517.664160598.94	558517.66	4160598.94	WRKR_531	WORKER	3.95E-01	8.20E-04	8.78E+00	3.11E-02	7.76E-01	3.89E-03	9.99E+00
558527.664160568.94	558527.66	4160568.94	WRKR_532	WORKER	3.11E-01	6.06E-04	6.92E+00	2.30E-02	6.12E-01	2.87E-03	7.87E+00
558527.664160578.94	558527.66	4160578.94	WRKR_533	WORKER	3.32E-01	6.74E-04	7.39E+00	2.56E-02	6.53E-01	3.20E-03	8.41E+00
558527.664160588.94	558527.66	4160588.94	WRKR_534	WORKER	3.54E-01	7.69E-04	7.86E+00	2.92E-02	6.95E-01	3.65E-03	8.95E+00
558527.664160598.94	558527.66	4160598.94	WRKR_535	WORKER	3.75E-01	7.12E-04	8.33E+00	2.70E-02	7.36E-01	3.38E-03	9.47E+00
558537.664160568.94	558537.66	4160568.94	WRKR_536	WORKER	3.00E-01	6.91E-04	6.67E+00	2.62E-02	5.90E-01	3.28E-03	7.59E+00
558537.664160578.94	558537.66	4160578.94	WRKR_537	WORKER	3.19E-01	7.68E-04	7.09E+00	2.92E-02	6.27E-01	3.65E-03	8.07E+00
558537.664160588.94	558537.66	4160588.94	WRKR_538	WORKER	3.37E-01	6.48E-04	7.50E+00	2.46E-02	6.63E-01	3.07E-03	8.53E+00
558537.664160598.94	558537.66	4160598.94	WRKR_539	WORKER	3.55E-01	7.22E-04	7.89E+00	2.74E-02	6.98E-01	3.43E-03	8.97E+00
558547.664160568.94	558547.66	4160568.94	WRKR_540	WORKER	2.89E-01	8.11E-04	6.43E+00	3.08E-02	5.68E-01	3.85E-03	7.32E+00
558547.664160578.94	558547.66	4160578.94	WRKR_541	WORKER	3.06E-01	6.40E-04	6.79E+00	2.43E-02	6.01E-01	3.04E-03	7.73E+00
558547.664160588.94	558547.66	4160588.94	WRKR_542	WORKER	3.21E-01	4.81E-04	7.14E+00	1.82E-02	6.31E-01	2.28E-03	8.11E+00
558557.664160568.94	558557.66	4160568.94	WRKR_543	WORKER	2.78E-01	4.56E-04	6.19E+00	1.73E-02	5.47E-01	2.16E-03	7.04E+00
558600.644160569.24	558600.64	4160569.24	WRKR_544	WORKER	2.35E-01	5.88E-04	5.23E+00	2.23E-02	4.62E-01	2.79E-03	5.95E+00
558600.644160579.24	558600.64	4160579.24	WRKR_545	WORKER	2.43E-01	6.01E-04	5.39E+00	2.28E-02	4.77E-01	2.85E-03	6.14E+00
558600.644160589.24	558600.64	4160589.24	WRKR_546	WORKER	2.49E-01	7.22E-04	5.54E+00	2.74E-02	4.90E-01	3.43E-03	6.31E+00
558600.644160599.24	558600.64	4160599.24	WRKR_547	WORKER	2.55E-01	6.55E-04	5.67E+00	2.49E-02	5.01E-01	3.11E-03	6.45E+00
558610.644160569.24	558610.64	4160569.24	WRKR_548	WORKER	2.25E-01	7.08E-04	5.00E+00	2.69E-02	4.42E-01	3.36E-03	5.70E+00
558610.644160579.24	558610.64	4160579.24	WRKR_549	WORKER	2.31E-01	6.54E-04	5.14E+00	2.48E-02	4.54E-01	3.11E-03	5.85E+00
558610.644160589.24	558610.64	4160589.24	WRKR_550	WORKER	2.37E-01	6.03E-04	5.26E+00	2.29E-02	4.65E-01	2.86E-03	5.99E+00
558610.644160599.24	558610.64	4160599.24	WRKR_551	WORKER	2.41E-01	5.47E-04	5.37E+00	2.08E-02	4.74E-01	2.60E-03	6.10E+00
558620.644160569.24	558620.64	4160569.24	WRKR_552	WORKER	2.15E-01	6.03E-04	4.78E+00	2.29E-02	4.23E-01	2.86E-03	5.45E+00
558620.644160579.24	558620.64	4160579.24	WRKR_553	WORKER	2.20E-01	5.57E-04	4.90E+00	2.12E-02	4.33E-01	2.65E-03	5.58E+00
558620.644160589.24	558620.64	4160589.24	WRKR_554	WORKER	2.25E-01	5.15E-04	5.01E+00	1.96E-02	4.43E-01	2.45E-03	5.70E+00
558620.644160599.24	558620.64	4160599.24	WRKR_555	WORKER	2.29E-01	4.69E-04	5.09E+00	1.78E-02	4.50E-01	2.23E-03	5.79E+00
558630.644160569.24	558630.64	4160569.24	WRKR_556	WORKER	2.06E-01	5.20E-04	4.57E+00	1.97E-02	4.04E-01	2.47E-03	5.20E+00
558630.644160579.24	558630.64	4160579.24	WRKR_557	WORKER	2.10E-01	4.84E-04	4.67E+00	1.84E-02	4.13E-01	2.30E-03	5.32E+00
558630.644160589.24	558630.64	4160589.24	WRKR_558	WORKER	2.14E-01	4.45E-04	4.76E+00	1.69E-02	4.21E-01	2.11E-03	5.41E+00
558630.644160599.24	558630.64	4160599.24	WRKR_559	WORKER	2.17E-01	4.05E-04	4.82E+00	1.54E-02	4.26E-01	1.92E-03	5.48E+00
558640.644160569.24	558640.64	4160569.24	WRKR_560	WORKER	1.97E-01	4.53E-04	4.37E+00	1.72E-02	3.86E-01	2.15E-03	4.97E+00
558640.644160579.24	558640.64	4160579.24	WRKR_561	WORKER	2.00E-01	4.22E-04	4.45E+00	1.60E-02	3.94E-01	2.00E-03	5.07E+00
558640.644160589.24	558640.64	4160589.24	WRKR_562	WORKER	2.03E-01	3.87E-04	4.52E+00	1.47E-02	4.00E-01	1.84E-03	5.14E+00
558640.644160599.24	558640.64	4160599.24	WRKR_563	WORKER	2.05E-01	3.53E-04	4.57E+00	1.34E-02	4.04E-01	1.67E-03	5.19E+00
558650.644160569.24	558650.64	4160569.24	WRKR_564	WORKER	1.88E-01	3.98E-04	4.17E+00	1.51E-02	3.69E-01	1.89E-03	4.75E+00
558650.644160579.24	558650.64	4160579.24	WRKR_565	WORKER	1.91E-01	3.71E-04	4.24E+00	1.41E-02	3.75E-01	1.76E-03	4.83E+00
558650.644160589.24	558650.64	4160589.24	WRKR_566	WORKER	1.93E-01	3.42E-04	4.29E+00	1.30E-02	3.80E-01	1.62E-03	4.88E+00
558650.644160599.24	558650.64	4160599.24	WRKR_567	WORKER	1.95E-01	3.13E-04	4.33E+00	1.19E-02	3.83E-01	1.49E-03	4.92E+00
558660.644160569.24	558660.64	4160569.24	WRKR_568	WORKER	1.80E-01	3.58E-04	3.99E+00	1.36E-02	3.53E-01	1.70E-03	4.54E+00
558660.644160579.24	558660.64	4160579.24	WRKR_569	WORKER	1.82E-01	3.33E-04	4.05E+00	1.26E-02	3.58E-01	1.58E-03	4.60E+00
558660.644160589.24	558660.64	4160589.24	WRKR_570	WORKER	1.84E-01	3.07E-04	4.09E+00	1.16E-02	3.61E-01	1.46E-03	4.65E+00
558660.644160599.24	558660.64	4160599.24	WRKR_571	WORKER	1.85E-01	2.83E-04	4.12E+00	1.07E-02	3.64E-01	1.34E-03	4.68E+00
558670.644160569.24	558670.64	4160569.24	WRKR_572	WORKER	1.72E-01	3.24E-04	3.82E+00	1.23E-02	3.37E-01	1.54E-03	4.34E+00
558670.644160579.24	558670.64	4160579.24	WRKR_573	WORKER	1.74E-01	3.01E-04	3.86E+00	1.14E-02	3.41E-01	1.43E-03	4.39E+00
558670.644160589.24	558670.64	4160589.24	WRKR_574	WORKER	1.75E-01	2.78E-04	3.89E+00	1.05E-02	3.44E-01	1.32E-03	4.42E+00
558495.44160499.48	558495.4	4160499.48	WRKR_575	WORKER	1.95E-01	2.66E-04	4.33E+00	1.01E-02	3.83E-01	1.26E-03	4.92E+00
558495.44160509.48	558495.4	4160509.48	WRKR_576	WORKER	2.12E-01	2.82E-04	4.72E+00	1.07E-02	4.17E-01	1.34E-03	5.36E+00
558495.44160519.48	558495.4	4160519.48	WRKR_577	WORKER	2.31E-01	2.99E-04	5.14E+00	1.14E-02	4.55E-01	1.42E-03	5.84E+00
558495.44160529.48	558495.4	4160529.48	WRKR_578	WORKER	2.52E-01	3.20E-04	5.60E+00	1.21E-02	4.95E-01	1.52E-03	6.36E+00
558505.44160499.48	558505.4	4160499.48	WRKR_579	WORKER	1.92E-01	2.95E-04	4.27E+00	1.12E-02	3.78E-01	1.40E-03	4.86E+00
558505.44160509.48	558505.4	4160509.48	WRKR_580	WORKER	2.09E-01	3.12E-04	4.65E+00	1.18E-02	4.11E-01	1.48E-03	5.29E+00
558505.44160519.48	558505.4	4160519.48	WRKR_581	WORKER	2.27E-01	3.30E-04	5.06E+00	1.25E-02	4.47E-01	1.57E-03	5.74E+00
558505.44160529.48	558505.4	4160529.48	WRKR_582	WORKER	2.47E-01	3.52E-04	5.50E+00	1.33E-02	4.86E-01	1.67E-03	6.24E+00
558515.44160499.48	558515.4	4160499.48	WRKR_583	WORKER	1.90E-01	3.32E-04	4.22E+00	1.26E-02	3.73E-01	1.57E-03	4.80E+00
558515.44160509.48	558515.4	4160509.48	WRKR_584	WORKER	2.06E-01	3.50E-04	4.58E+00	1.33E-02	4.05E-01	1.66E-03	5.21E+00
558515.44160519.48	558515.4	4160519.48	WRKR_585	WORKER	2.24E-01	3.70E-04	4.97E+00	1.40E-02	4.39E-01	1.75E-03	5.65E+00
558515.44160529.48	558515.4	4160529.48	WRKR_586	WORKER	2.42E-01	3.91E-04	5.39E+00	1.49E-02	4.76E-01	1.86E-03	6.12E+00
558525.44160499.48	558525.4	4160499.48	WRKR_587	WORKER	1.88E-01	3.77E-04	4.17E+00	1.43E-02	3.69E-01	1.79E-03	4.74E+00
558525.44160509.48	558525.4	4160509.48	WRKR_588	WORKER	2.03E-01	3.98E-04	4.52E+00	1.51E-02	3.99E-01	1.89E-03	5.14E+00
558525.44160519.48	558525.4	4160519.48	WRKR_589	WORKER	2.20E-01	4.20E-04	4.89E+00	1.60E-02	4.32E-01	1.99E-03	5.56E+00
558525.44160529.48	558525.4	4160529.48	WRKR_590	WORKER	2.38E-01	4.44E-04	5.28E+00	1.69E-02	4.67E-01	2.11E-03	6.01E+00
558535.44160499.48	558535.4	4160499.48	WRKR_591	WORKER	1.85E-01	4.37E-04	4.12E+00	1.66E-02	3.64E-01	2.08E-03	4.68E+00
558535.44160509.48	558535.4	4160509.48	WRKR_592	WORKER	2.00E-01	4.62E-04	4.45E+00	1.75E-02	3.93E-01	2.19E-03	5.06E+00
558535.44160519.48	558535.4	4160519.48	WRKR_593	WORKER	2.16E-01	4.87E-04	4.80E+00	1.85E-02	4.24E-01	2.31E-03	5.46E+00
558535.44160529.48	558535.4	4160529.48	WRKR_594	WORKER	2.33E-01	5.14E-04	5.18E+00	1.95E-02	4.58E-01	2.44E-03	5.89E+00
558545.44160499.48	558545.4	4160499.48	WRKR_595	WORKER	1.83E-01	5.15E-04	4.06E+00	1.96E-02	3.59E-01	2.44E-03	4.63E+00
558545.44160509.48	558545.4	4160509.48	WRKR_596	WORKER	1.97E-01	5.46E-04	4.38E+00	2.07E-02	3.87E-01	2.59E-03	4.99E+00
558545.44160519.48	558545.4	4160519.48	WRKR_597	WORKER	2.12E-01	5.76E-04	4.72E+00	2.19E-02	4.17E-01	2.74E-03	5.37E+00
558545.44160529.48	558545.4	4160529.48	WRKR_598	WORKER	2.28E-01	6.07E-04	5.07E+00	2.30E-02	4.49E-01	2.88E-03	5.78E+00
558555.44160499.48	558555.4	4160499.48	WRKR_599	WORKER	1.80E-01	6.22E-04	4.01E+00	2.36E-02	3.54E-01	2.95E-03	4.57E+00
558555.44160509.48	558555.4	4160509.48	WRKR_600	WORKER	1.94E-01	6.59E-04	4.31E+00	2.50E-02	3.81E-01	3.13E-03	4.91E+00
558555.44160519.48	558555.4	4160519.48	WRKR_601	WORKER	2.08E-01	6.96E-04	4.63E+00	2.64E-02	4.09E-01	3.30E-03	5.28E+00
558555.44160529.48	558555.4	4160529.48	WRKR_602	WORKER	2.23E-01	7.36E-04	4.96E+00	2.79E-02	4.39E-01	3.49E-03	5.65E+00
558565.44160499.48	558565.4	4160499.48	WRKR_603	WORKER	1.78E-01	5.39E-04	3.95E+00	2.05E-02	3.49E-01	2.56E-03	4.50E+00
558565.44160509.48	558565.4	4160509.48	WRKR_604	WORKER	1.90E-01	5.94E-04	4.23E+00	2.25E-02	3.74E-01	2.82E-03	4.83E+00
558565.44160519.48	558565.4	4160519.48	WRKR_605	WORKER	2.04E-01	4.24E-04	4.53E+00	1.61E-02	4.01E-01	2.01E-03	5.16E+00
558565.44160529.48	558565.4	4160529.48	WRKR_606	WORKER	2.18E-01	6.14E-04	4.84E+00	2.33E-02	4.28E-01	2.91E-03	5.51E+00
558618.984160498.88	558618.98	4160498.88	WRKR_607	WORKER	1.60E-01	4.51E-04	3.57E+00	1.71E-02	3.15E-01	2.14E-03	4.06E+00
558618.984160508.88	558618.98	4160508.88	WRKR_608	WORKER	1.69E-01	5.95E-04	3.76E+00	2.26E-02	3.33E-01	2.83E-03	4.29E+00
558618.984160518.88	558618.98	4160518.88	WRKR_609	WORKER	1.78E-01	5.97E-04	3.96E+00	2.27E-02	3.50E-01	2.83E-03	4.51E+00
558618.984160528.88	558618.98	4160528.88	WRKR_610	WORKER	1.87E-01	7.57E-04	4.15E+00	2.87E-02	3.67E-01	3.59E-03	4.74E+00
558628.984160498.88	558628.98	4160498.88	WRKR_611	WORKER	1.57E-01	7.74E-04	3.49E+00	2.94E-02	3.08E-01	3.67E-03	3.99E+00

Cancer Risk

					AE		AH			
					3rd Tri		0<2		2<16		Total Cancer Risk (cases per million)
					Cancer Risk (cases per million)		Cancer Risk (cases per million)		Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD	
558628.984160508.88	558628.98	4160508.88	WRKR_612	WORKER	1.65E-01	7.20E-04	3.67E+00	2.73E-02	3.25E-01	3.42E-03	4.19E+00
558628.984160518.88	558628.98	4160518.88	WRKR_613	WORKER	1.73E-01	6.78E-04	3.85E+00	2.58E-02	3.40E-01	3.22E-03	4.39E+00
558628.984160528.88	558628.98	4160528.88	WRKR_614	WORKER	1.81E-01	6.48E-04	4.02E+00	2.46E-02	3.56E-01	3.07E-03	4.59E+00
558638.984160498.88	558638.98	4160498.88	WRKR_615	WORKER	1.53E-01	6.76E-04	3.41E+00	2.57E-02	3.01E-01	3.21E-03	3.89E+00
558638.984160508.88	558638.98	4160508.88	WRKR_616	WORKER	1.61E-01	6.31E-04	3.58E+00	2.39E-02	3.16E-01	2.99E-03	4.08E+00
558638.984160518.88	558638.98	4160518.88	WRKR_617	WORKER	1.68E-01	5.96E-04	3.74E+00	2.26E-02	3.31E-01	2.83E-03	4.26E+00
558638.984160528.88	558638.98	4160528.88	WRKR_618	WORKER	1.75E-01	5.69E-04	3.90E+00	2.16E-02	3.45E-01	2.70E-03	4.44E+00
558648.984160498.88	558648.98	4160498.88	WRKR_619	WORKER	1.50E-01	6.05E-04	3.33E+00	2.30E-02	2.94E-01	2.87E-03	3.80E+00
558648.984160508.88	558648.98	4160508.88	WRKR_620	WORKER	1.57E-01	5.64E-04	3.48E+00	2.14E-02	3.08E-01	2.68E-03	3.97E+00
558648.984160518.88	558648.98	4160518.88	WRKR_621	WORKER	1.63E-01	5.32E-04	3.63E+00	2.02E-02	3.21E-01	2.53E-03	4.14E+00
558648.984160528.88	558648.98	4160528.88	WRKR_622	WORKER	1.70E-01	5.07E-04	3.77E+00	1.92E-02	3.33E-01	2.41E-03	4.29E+00
558658.984160498.88	558658.98	4160498.88	WRKR_623	WORKER	1.46E-01	5.53E-04	3.25E+00	2.10E-02	2.87E-01	2.62E-03	3.70E+00
558658.984160508.88	558658.98	4160508.88	WRKR_624	WORKER	1.52E-01	5.14E-04	3.39E+00	1.95E-02	2.99E-01	2.44E-03	3.86E+00
558658.984160518.88	558658.98	4160518.88	WRKR_625	WORKER	1.58E-01	4.82E-04	3.52E+00	1.83E-02	3.11E-01	2.29E-03	4.01E+00
558658.984160528.88	558658.98	4160528.88	WRKR_626	WORKER	1.64E-01	4.58E-04	3.64E+00	1.74E-02	3.22E-01	2.17E-03	4.15E+00
558668.984160498.88	558668.98	4160498.88	WRKR_627	WORKER	1.42E-01	5.08E-04	3.16E+00	1.93E-02	2.80E-01	2.41E-03	3.61E+00
558668.984160508.88	558668.98	4160508.88	WRKR_628	WORKER	1.48E-01	4.71E-04	3.29E+00	1.79E-02	2.91E-01	2.23E-03	3.75E+00
558668.984160518.88	558668.98	4160518.88	WRKR_629	WORKER	1.53E-01	4.41E-04	3.41E+00	1.67E-02	3.01E-01	2.09E-03	3.88E+00
558668.984160528.88	558668.98	4160528.88	WRKR_630	WORKER	1.58E-01	4.17E-04	3.52E+00	1.58E-02	3.11E-01	1.98E-03	4.01E+00
558678.984160498.88	558678.98	4160498.88	WRKR_631	WORKER	1.39E-01	4.72E-04	3.08E+00	1.79E-02	2.72E-01	2.24E-03	3.51E+00
558678.984160508.88	558678.98	4160508.88	WRKR_632	WORKER	1.44E-01	4.36E-04	3.19E+00	1.65E-02	2.82E-01	2.07E-03	3.64E+00
558678.984160518.88	558678.98	4160518.88	WRKR_633	WORKER	1.49E-01	4.07E-04	3.30E+00	1.55E-02	2.92E-01	1.93E-03	3.76E+00
558678.984160528.88	558678.98	4160528.88	WRKR_634	WORKER	1.53E-01	3.83E-04	3.40E+00	1.45E-02	3.01E-01	1.82E-03	3.87E+00
558688.984160498.88	558688.98	4160498.88	WRKR_635	WORKER	1.35E-01	4.41E-04	3.00E+00	1.67E-02	2.65E-01	2.09E-03	3.42E+00
558688.984160508.88	558688.98	4160508.88	WRKR_636	WORKER	1.39E-01	4.06E-04	3.10E+00	1.54E-02	2.74E-01	1.93E-03	3.53E+00
558688.984160518.88	558688.98	4160518.88	WRKR_637	WORKER	1.44E-01	3.78E-04	3.19E+00	1.44E-02	2.82E-01	1.80E-03	3.64E+00
558444.414160372.35	558444.41	4160372.35	WRKR_638	WORKER	6.79E-02	1.05E-04	1.51E+00	4.00E-03	1.33E-01	5.00E-04	1.71E+00
558454.414160382.35	558454.41	4160382.35	WRKR_639	WORKER	7.14E-02	1.13E-04	1.59E+00	4.29E-03	1.40E-01	5.36E-04	1.80E+00
558454.414160392.35	558454.41	4160392.35	WRKR_640	WORKER	7.70E-02	1.17E-04	1.71E+00	4.45E-03	1.51E-01	5.57E-04	1.95E+00
558454.414160402.35	558454.41	4160402.35	WRKR_641	WORKER	8.33E-02	1.22E-04	1.85E+00	4.63E-03	1.64E-01	5.79E-04	2.11E+00
558464.414160382.35	558464.41	4160382.35	WRKR_642	WORKER	7.10E-02	1.19E-04	1.58E+00	4.53E-03	1.40E-01	5.66E-04	1.79E+00
558464.414160392.35	558464.41	4160392.35	WRKR_643	WORKER	7.67E-02	1.24E-04	1.70E+00	4.71E-03	1.51E-01	5.89E-04	1.94E+00
558464.414160402.35	558464.41	4160402.35	WRKR_644	WORKER	8.31E-02	1.29E-04	1.85E+00	4.91E-03	1.63E-01	6.14E-04	2.10E+00
558474.414160382.35	558474.41	4160382.35	WRKR_645	WORKER	7.08E-02	1.26E-04	1.57E+00	4.79E-03	1.39E-01	5.99E-04	1.79E+00
558474.414160392.35	558474.41	4160392.35	WRKR_646	WORKER	7.64E-02	1.31E-04	1.70E+00	4.99E-03	1.50E-01	6.23E-04	1.93E+00
558474.414160402.35	558474.41	4160402.35	WRKR_647	WORKER	8.27E-02	1.37E-04	1.84E+00	5.19E-03	1.63E-01	6.49E-04	2.09E+00
558484.414160382.35	558484.41	4160382.35	WRKR_648	WORKER	7.06E-02	1.34E-04	1.57E+00	5.08E-03	1.39E-01	6.36E-04	1.79E+00
558484.414160392.35	558484.41	4160392.35	WRKR_649	WORKER	7.60E-02	1.39E-04	1.69E+00	5.27E-03	1.49E-01	6.59E-04	1.92E+00
558484.414160402.35	558484.41	4160402.35	WRKR_650	WORKER	8.20E-02	1.44E-04	1.82E+00	5.47E-03	1.61E-01	6.83E-04	2.07E+00
558494.414160382.35	558494.41	4160382.35	WRKR_651	WORKER	7.07E-02	1.43E-04	1.57E+00	5.41E-03	1.39E-01	6.77E-04	1.79E+00
558494.414160392.35	558494.41	4160392.35	WRKR_652	WORKER	7.60E-02	1.48E-04	1.69E+00	5.62E-03	1.49E-01	7.02E-04	1.92E+00
558494.414160402.35	558494.41	4160402.35	WRKR_653	WORKER	8.20E-02	1.54E-04	1.82E+00	5.84E-03	1.61E-01	7.30E-04	2.07E+00
558504.414160382.35	558504.41	4160382.35	WRKR_654	WORKER	7.08E-02	1.52E-04	1.57E+00	5.79E-03	1.39E-01	7.24E-04	1.79E+00
558504.414160392.35	558504.41	4160392.35	WRKR_655	WORKER	7.67E-02	1.61E-04	1.70E+00	6.09E-03	1.51E-01	7.62E-04	1.94E+00
558504.414160402.35	558504.41	4160402.35	WRKR_656	WORKER	8.36E-02	1.70E-04	1.86E+00	6.46E-03	1.64E-01	8.08E-04	2.11E+00
558514.414160382.35	558514.41	4160382.35	WRKR_657	WORKER	7.11E-02	1.64E-04	1.58E+00	6.21E-03	1.40E-01	7.77E-04	1.80E+00
558514.414160392.35	558514.41	4160392.35	WRKR_658	WORKER	7.69E-02	1.73E-04	1.71E+00	6.56E-03	1.51E-01	8.20E-04	1.95E+00
558514.414160402.35	558514.41	4160402.35	WRKR_659	WORKER	8.39E-02	1.84E-04	1.86E+00	7.00E-03	1.65E-01	8.75E-04	2.12E+00
558524.414160392.35	558524.41	4160392.35	WRKR_660	WORKER	7.72E-02	1.87E-04	1.72E+00	7.09E-03	1.52E-01	8.86E-04	1.95E+00
558524.414160402.35	558524.41	4160402.35	WRKR_661	WORKER	8.41E-02	2.00E-04	1.87E+00	7.60E-03	1.65E-01	9.50E-04	2.13E+00
558581.824160392.36	558581.82	4160392.36	WRKR_662	WORKER	7.99E-02	3.20E-04	1.78E+00	1.21E-02	1.57E-01	1.52E-03	2.03E+00
558581.824160402.36	558581.82	4160402.36	WRKR_663	WORKER	8.61E-02	3.58E-04	1.91E+00	1.36E-02	1.69E-01	1.70E-03	2.18E+00
558581.824160412.36	558581.82	4160412.36	WRKR_664	WORKER	9.27E-02	4.05E-04	2.06E+00	1.54E-02	1.82E-01	1.92E-03	2.35E+00
558581.824160422.36	558581.82	4160422.36	WRKR_665	WORKER	9.99E-02	4.60E-04	2.22E+00	1.75E-02	1.96E-01	2.19E-03	2.54E+00
558591.824160392.36	558591.82	4160392.36	WRKR_666	WORKER	8.02E-02	3.48E-04	1.78E+00	1.32E-02	1.58E-01	1.65E-03	2.04E+00
558591.824160402.36	558591.82	4160402.36	WRKR_667	WORKER	8.63E-02	3.94E-04	1.92E+00	1.50E-02	1.70E-01	1.87E-03	2.19E+00
558591.824160412.36	558591.82	4160412.36	WRKR_668	WORKER	9.28E-02	4.51E-04	2.06E+00	1.71E-02	1.82E-01	2.14E-03	2.36E+00
558591.824160422.36	558591.82	4160422.36	WRKR_669	WORKER	9.98E-02	5.21E-04	2.22E+00	1.98E-02	1.96E-01	2.47E-03	2.54E+00
558601.824160382.36	558601.82	4160382.36	WRKR_670	WORKER	7.49E-02	3.34E-04	1.66E+00	1.27E-02	1.47E-01	1.58E-03	1.90E+00
558601.824160392.36	558601.82	4160392.36	WRKR_671	WORKER	8.04E-02	3.77E-04	1.79E+00	1.43E-02	1.58E-01	1.79E-03	2.04E+00
558601.824160402.36	558601.82	4160402.36	WRKR_672	WORKER	8.64E-02	4.32E-04	1.92E+00	1.64E-02	1.70E-01	2.05E-03	2.20E+00
558601.824160412.36	558601.82	4160412.36	WRKR_673	WORKER	9.28E-02	5.00E-04	2.06E+00	1.90E-02	1.82E-01	2.37E-03	2.36E+00
558601.824160422.36	558601.82	4160422.36	WRKR_674	WORKER	9.97E-02	5.86E-04	2.22E+00	2.22E-02	1.96E-01	2.78E-03	2.54E+00
558611.824160382.36	558611.82	4160382.36	WRKR_675	WORKER	7.52E-02	3.54E-04	1.67E+00	1.34E-02	1.48E-01	1.68E-03	1.91E+00
558611.824160392.36	558611.82	4160392.36	WRKR_676	WORKER	8.07E-02	4.03E-04	1.79E+00	1.53E-02	1.59E-01	1.91E-03	2.05E+00
558611.824160402.36	558611.82	4160402.36	WRKR_677	WORKER	8.65E-02	4.71E-04	1.92E+00	1.79E-02	1.70E-01	2.23E-03	2.20E+00
558611.824160412.36	558611.82	4160412.36	WRKR_678	WORKER	9.28E-02	5.51E-04	2.06E+00	2.09E-02	1.82E-01	2.62E-03	2.36E+00
558611.824160422.36	558611.82	4160422.36	WRKR_679	WORKER	9.94E-02	6.57E-04	2.21E+00	2.49E-02	1.95E-01	3.12E-03	2.53E+00
558621.824160382.36	558621.82	4160382.36	WRKR_680	WORKER	7.54E-02	3.78E-04	1.68E+00	1.44E-02	1.48E-01	1.80E-03	1.92E+00
558621.824160392.36	558621.82	4160392.36	WRKR_681	WORKER	8.08E-02	4.33E-04	1.80E+00	1.64E-02	1.59E-01	2.06E-03	2.06E+00
558621.824160402.36	558621.82	4160402.36	WRKR_682	WORKER	8.66E-02	5.10E-04	1.92E+00	1.94E-02	1.70E-01	2.42E-03	2.20E+00
558621.824160412.36	558621.82	4160412.36	WRKR_683	WORKER	9.26E-02	6.09E-04	2.06E+00	2.31E-02	1.82E-01	2.89E-03	2.36E+00
558621.824160422.36	558621.82	4160422.36	WRKR_684	WORKER	9.91E-02	5.04E-04	2.20E+00	1.91E-02	1.95E-01	2.39E-03	2.52E+00
558631.824160382.36	558631.82	4160382.36	WRKR_685	WORKER	7.56E-02	4.04E-04	1.68E+00	1.53E-02	1.49E-01	1.92E-03	1.92E+00
558631.824160392.36	558631.82	4160392.36	WRKR_686	WORKER	8.09E-02	4.64E-04	1.80E+00	1.76E-02	1.59E-01	2.20E-03	2.06E+00
558631.824160402.36	558631.82	4160402.36	WRKR_687	WORKER	8.66E-02	5.52E-04	1.92E+00	2.10E-02	1.70E-01	2.62E-03	2.20E+00
558641.824160382.36	558641.82	4160382.36	WRKR_688	WORKER	7.57E-02	4.28E-04	1.68E+00	1.62E-02	1.49E-01	2.03E-03	1.93E+00
558641.824160392.36	558641.82	4160392.36	WRKR_689	WORKER	8.10E-02	4.95E-04	1.80E+00	1.88E-02	1.59E-01	2.35E-03	2.06E+00
558641.824160402.36	558641.82	4160402.36	WRKR_690	WORKER	8.65E-02	5.97E-04	1.92E+00	2.27E-02	1.70E-01	2.84E-03	2.20E+00
558651.824160382.36	558651.82	4160382.36	WRKR_691	WORKER	7.58E-02	4.60E-04	1.69E+00	1.75E-02	1.49E-01	2.18E-03	1.93E+00
558651.824160392.36	558651.82	4160392.36	WRKR_692	WORKER	8.09E-02	5.34E-04	1.80E+00	2.03E-02	1.59E-01	2.54E-03	2.06E+00
558651.824160402.36	558651.82	4160402.36	WRKR_693	WORKER	8.63E-02	6.49E-04	1.92E+00	2.46E-02	1.70E-01	3.08E-03	2.20E+00
558661.824160382.36	558661.82	4160382.36	WRKR_694	WORKER	7.59E-02	4.96E-04	1.69E+00	1.88E-02	1.49E-01	2.35E-03	1.93E+00
558661.824160392.36	558661.82	4160392.36	WRKR_695	WORKER	8.08E-02	5.75E-04	1.80E+00	2.18E-02	1.59E-01	2.73E-03	2.06E+00
558661.824160402.36	558661.82	4160402.36	WRKR_696	WORKER	8.60E-02	7.04E-04	1.91E+00	2.67E-02	1.69E-01	3.34E-03	2.20E+00
558671.824160362.36	558671.82	4160362.36	WRKR_697	WORKER	6.68E-02	4.48E-04	1.49E+00	1.70E-02	1.31E-01	2.13E-03	1.70E+00
558671.824160372.36	558671.82	4160372.36	WRKR_698	WORKER	7.12E-02	4.84E-04	1.58E+00	1.84E-02	1.40E-01	2.30E-03	1.82E+00

Cancer Risk

					AE		AH			
					3rd Tri		0<2		2<16		Total Cancer Risk (cases per million)
					Cancer Risk (cases per million)		Cancer Risk (cases per million)		Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD	
558671.824160382.36	558671.82	4160382.36	WRKR_699	WORKER	7.58E-02	5.38E-04	1.69E+00	2.04E-02	1.49E-01	2.56E-03	1.93E+00
558671.824160392.36	558671.82	4160392.36	WRKR_700	WORKER	8.07E-02	6.23E-04	1.79E+00	2.36E-02	1.59E-01	2.95E-03	2.06E+00
558671.824160402.36	558671.82	4160402.36	WRKR_701	WORKER	8.57E-02	7.62E-04	1.91E+00	2.89E-02	1.68E-01	3.62E-03	2.19E+00
558681.824160362.36	558681.82	4160362.36	WRKR_702	WORKER	6.70E-02	5.00E-04	1.49E+00	1.90E-02	1.32E-01	2.37E-03	1.71E+00
558681.824160372.36	558681.82	4160372.36	WRKR_703	WORKER	7.11E-02	5.27E-04	1.58E+00	2.00E-02	1.40E-01	2.50E-03	1.81E+00
558681.824160382.36	558681.82	4160382.36	WRKR_704	WORKER	7.57E-02	5.87E-04	1.68E+00	2.23E-02	1.49E-01	2.79E-03	1.93E+00
558681.824160392.36	558681.82	4160392.36	WRKR_705	WORKER	8.05E-02	6.76E-04	1.79E+00	2.57E-02	1.58E-01	3.21E-03	2.06E+00
558681.824160402.36	558681.82	4160402.36	WRKR_706	WORKER	8.54E-02	8.19E-04	1.90E+00	3.11E-02	1.68E-01	3.89E-03	2.19E+00
558691.824160362.36	558691.82	4160362.36	WRKR_707	WORKER	6.70E-02	5.74E-04	1.49E+00	2.18E-02	1.32E-01	2.73E-03	1.71E+00
558691.824160372.36	558691.82	4160372.36	WRKR_708	WORKER	7.12E-02	6.08E-04	1.58E+00	2.31E-02	1.40E-01	2.89E-03	1.82E+00
558691.824160382.36	558691.82	4160382.36	WRKR_709	WORKER	7.56E-02	6.61E-04	1.68E+00	2.51E-02	1.49E-01	3.14E-03	1.93E+00
558691.824160392.36	558691.82	4160392.36	WRKR_710	WORKER	8.01E-02	7.50E-04	1.78E+00	2.85E-02	1.58E-01	3.56E-03	2.05E+00
558691.824160402.36	558691.82	4160402.36	WRKR_711	WORKER	8.49E-02	8.99E-04	1.89E+00	3.41E-02	1.67E-01	4.27E-03	2.18E+00
558701.824160362.36	558701.82	4160362.36	WRKR_712	WORKER	6.70E-02	6.78E-04	1.49E+00	2.57E-02	1.32E-01	3.22E-03	1.72E+00
558701.824160372.36	558701.82	4160372.36	WRKR_713	WORKER	7.11E-02	7.12E-04	1.58E+00	2.70E-02	1.40E-01	3.38E-03	1.82E+00
558701.824160382.36	558701.82	4160382.36	WRKR_714	WORKER	7.54E-02	7.65E-04	1.68E+00	2.91E-02	1.48E-01	3.63E-03	1.93E+00
558701.824160392.36	558701.82	4160392.36	WRKR_715	WORKER	7.98E-02	8.52E-04	1.77E+00	3.23E-02	1.57E-01	4.04E-03	2.05E+00
558701.824160402.36	558701.82	4160402.36	WRKR_716	WORKER	8.43E-02	9.97E-04	1.87E+00	3.78E-02	1.66E-01	4.73E-03	2.17E+00
558711.824160362.36	558711.82	4160362.36	WRKR_717	WORKER	6.70E-02	8.25E-04	1.49E+00	3.13E-02	1.32E-01	3.92E-03	1.72E+00
558711.824160372.36	558711.82	4160372.36	WRKR_718	WORKER	7.10E-02	8.58E-04	1.58E+00	3.26E-02	1.39E-01	4.07E-03	1.83E+00
558711.824160382.36	558711.82	4160382.36	WRKR_719	WORKER	7.51E-02	7.07E-04	1.67E+00	2.68E-02	1.48E-01	3.36E-03	1.92E+00
558711.824160392.36	558711.82	4160392.36	WRKR_720	WORKER	7.93E-02	9.90E-04	1.76E+00	3.76E-02	1.56E-01	4.70E-03	2.04E+00
558711.824160402.36	558711.82	4160402.36	WRKR_721	WORKER	8.37E-02	6.39E-04	1.86E+00	2.42E-02	1.64E-01	3.03E-03	2.14E+00
558721.824160362.36	558721.82	4160362.36	WRKR_722	WORKER	6.69E-02	4.90E-04	1.49E+00	1.86E-02	1.32E-01	2.33E-03	1.71E+00
558721.824160372.36	558721.82	4160372.36	WRKR_723	WORKER	7.08E-02	5.48E-04	1.57E+00	2.08E-02	1.39E-01	2.60E-03	1.81E+00
558721.824160382.36	558721.82	4160382.36	WRKR_724	WORKER	7.47E-02	7.81E-04	1.66E+00	2.96E-02	1.47E-01	3.71E-03	1.92E+00
558721.824160392.36	558721.82	4160392.36	WRKR_725	WORKER	7.88E-02	6.10E-04	1.75E+00	2.32E-02	1.55E-01	2.90E-03	2.01E+00
558721.824160402.36	558721.82	4160402.36	WRKR_726	WORKER	8.30E-02	6.51E-04	1.84E+00	2.47E-02	1.63E-01	3.09E-03	2.12E+00
558690.094160295.24	558690.09	4160295.24	WRKR_727	WORKER	4.37E-02	4.52E-04	9.71E-01	1.72E-02	8.58E-02	2.14E-03	1.12E+00
558690.094160305.24	558690.09	4160305.24	WRKR_728	WORKER	4.65E-02	4.58E-04	1.03E+00	1.74E-02	9.13E-02	2.17E-03	1.19E+00
558690.094160315.24	558690.09	4160315.24	WRKR_729	WORKER	4.94E-02	4.64E-04	1.10E+00	1.76E-02	9.72E-02	2.20E-03	1.27E+00
558690.094160325.24	558690.09	4160325.24	WRKR_730	WORKER	5.26E-02	4.71E-04	1.17E+00	1.79E-02	1.03E-01	2.24E-03	1.35E+00
558690.094160335.24	558690.09	4160335.24	WRKR_731	WORKER	5.61E-02	4.81E-04	1.25E+00	1.83E-02	1.10E-01	2.28E-03	1.43E+00
558700.094160295.24	558700.09	4160295.24	WRKR_732	WORKER	4.40E-02	5.46E-04	9.77E-01	2.07E-02	8.64E-02	2.59E-03	1.13E+00
558700.094160305.24	558700.09	4160305.24	WRKR_733	WORKER	4.68E-02	5.54E-04	1.04E+00	2.10E-02	9.19E-02	2.63E-03	1.20E+00
558700.094160315.24	558700.09	4160315.24	WRKR_734	WORKER	4.97E-02	5.59E-04	1.11E+00	2.12E-02	9.78E-02	2.65E-03	1.28E+00
558700.094160325.24	558700.09	4160325.24	WRKR_735	WORKER	5.29E-02	5.65E-04	1.18E+00	2.14E-02	1.04E-01	2.68E-03	1.36E+00
558700.094160335.24	558700.09	4160335.24	WRKR_736	WORKER	5.63E-02	5.73E-04	1.25E+00	2.18E-02	1.11E-01	2.72E-03	1.44E+00
558710.094160295.24	558710.09	4160295.24	WRKR_737	WORKER	4.43E-02	6.86E-04	9.85E-01	2.60E-02	8.71E-02	3.25E-03	1.15E+00
558710.094160305.24	558710.09	4160305.24	WRKR_738	WORKER	4.71E-02	6.92E-04	1.05E+00	2.63E-02	9.25E-02	3.28E-03	1.22E+00
558710.094160315.24	558710.09	4160315.24	WRKR_739	WORKER	5.00E-02	6.97E-04	1.11E+00	2.64E-02	9.83E-02	3.31E-03	1.29E+00
558710.094160325.24	558710.09	4160325.24	WRKR_740	WORKER	5.31E-02	7.02E-04	1.18E+00	2.67E-02	1.04E-01	3.33E-03	1.37E+00
558710.094160335.24	558710.09	4160335.24	WRKR_741	WORKER	5.64E-02	7.08E-04	1.25E+00	2.69E-02	1.11E-01	3.36E-03	1.45E+00
558720.094160295.24	558720.09	4160295.24	WRKR_742	WORKER	4.46E-02	6.00E-04	9.92E-01	2.28E-02	8.77E-02	2.85E-03	1.15E+00
558720.094160305.24	558720.09	4160305.24	WRKR_743	WORKER	4.74E-02	4.21E-04	1.05E+00	1.60E-02	9.31E-02	2.00E-03	1.21E+00
558720.094160315.24	558720.09	4160315.24	WRKR_744	WORKER	5.03E-02	6.09E-04	1.12E+00	2.31E-02	9.88E-02	2.89E-03	1.29E+00
558720.094160325.24	558720.09	4160325.24	WRKR_745	WORKER	5.34E-02	6.22E-04	1.19E+00	2.36E-02	1.05E-01	2.95E-03	1.37E+00
558612.684160297.32	558612.68	4160297.32	WRKR_746	WORKER	4.16E-02	1.93E-04	9.24E-01	7.32E-03	8.17E-02	9.16E-04	1.06E+00
558612.684160307.32	558612.68	4160307.32	WRKR_747	WORKER	4.43E-02	2.01E-04	9.85E-01	7.63E-03	8.71E-02	9.54E-04	1.13E+00
558612.684160317.32	558612.68	4160317.32	WRKR_748	WORKER	4.73E-02	2.10E-04	1.05E+00	7.97E-03	9.30E-02	9.97E-04	1.20E+00
558612.684160327.32	558612.68	4160327.32	WRKR_749	WORKER	5.06E-02	2.21E-04	1.13E+00	8.38E-03	9.95E-02	1.05E-03	1.29E+00
558612.684160337.32	558612.68	4160337.32	WRKR_750	WORKER	5.42E-02	2.34E-04	1.21E+00	8.87E-03	1.07E-01	1.11E-03	1.38E+00
558622.684160297.32	558622.68	4160297.32	WRKR_751	WORKER	4.19E-02	2.07E-04	9.31E-01	7.87E-03	8.23E-02	9.84E-04	1.06E+00
558622.684160307.32	558622.68	4160307.32	WRKR_752	WORKER	4.47E-02	2.15E-04	9.93E-01	8.18E-03	8.78E-02	1.02E-03	1.14E+00
558622.684160317.32	558622.68	4160317.32	WRKR_753	WORKER	4.77E-02	2.25E-04	1.06E+00	8.53E-03	9.38E-02	1.07E-03	1.21E+00
558622.684160327.32	558622.68	4160327.32	WRKR_754	WORKER	5.10E-02	2.35E-04	1.13E+00	8.94E-03	1.00E-01	1.12E-03	1.30E+00
558622.684160337.32	558622.68	4160337.32	WRKR_755	WORKER	5.46E-02	2.49E-04	1.21E+00	9.45E-03	1.07E-01	1.18E-03	1.39E+00
558632.684160297.32	558632.68	4160297.32	WRKR_756	WORKER	4.22E-02	2.25E-04	9.39E-01	8.52E-03	8.30E-02	1.07E-03	1.07E+00
558632.684160307.32	558632.68	4160307.32	WRKR_757	WORKER	4.50E-02	2.32E-04	1.00E+00	8.82E-03	8.85E-02	1.10E-03	1.15E+00
558632.684160317.32	558632.68	4160317.32	WRKR_758	WORKER	4.81E-02	2.42E-04	1.07E+00	9.17E-03	9.45E-02	1.15E-03	1.22E+00
558632.684160327.32	558632.68	4160327.32	WRKR_759	WORKER	5.14E-02	2.53E-04	1.14E+00	9.59E-03	1.01E-01	1.20E-03	1.31E+00
558632.684160337.32	558632.68	4160337.32	WRKR_760	WORKER	5.50E-02	2.66E-04	1.22E+00	1.01E-02	1.08E-01	1.26E-03	1.40E+00
558642.684160297.32	558642.68	4160297.32	WRKR_761	WORKER	4.27E-02	2.47E-04	9.49E-01	9.36E-03	8.39E-02	1.17E-03	1.09E+00
558642.684160307.32	558642.68	4160307.32	WRKR_762	WORKER	4.54E-02	2.53E-04	1.01E+00	9.60E-03	8.93E-02	1.20E-03	1.16E+00
558642.684160317.32	558642.68	4160317.32	WRKR_763	WORKER	4.85E-02	2.62E-04	1.08E+00	9.95E-03	9.53E-02	1.24E-03	1.23E+00
558642.684160327.32	558642.68	4160327.32	WRKR_764	WORKER	5.18E-02	2.73E-04	1.15E+00	1.04E-02	1.02E-01	1.30E-03	1.32E+00
558642.684160337.32	558642.68	4160337.32	WRKR_765	WORKER	5.54E-02	2.87E-04	1.23E+00	1.09E-02	1.09E-01	1.36E-03	1.41E+00
558652.684160297.32	558652.68	4160297.32	WRKR_766	WORKER	4.30E-02	2.72E-04	9.56E-01	1.03E-02	8.45E-02	1.29E-03	1.10E+00
558652.684160307.32	558652.68	4160307.32	WRKR_767	WORKER	4.58E-02	2.79E-04	1.02E+00	1.06E-02	9.00E-02	1.32E-03	1.17E+00
558652.684160317.32	558652.68	4160317.32	WRKR_768	WORKER	4.89E-02	2.87E-04	1.09E+00	1.09E-02	9.60E-02	1.36E-03	1.24E+00
558652.684160327.32	558652.68	4160327.32	WRKR_769	WORKER	5.22E-02	2.98E-04	1.16E+00	1.13E-02	1.03E-01	1.41E-03	1.33E+00
558652.684160337.32	558652.68	4160337.32	WRKR_770	WORKER	5.58E-02	3.11E-04	1.24E+00	1.18E-02	1.10E-01	1.48E-03	1.42E+00
558662.684160297.32	558662.68	4160297.32	WRKR_771	WORKER	4.34E-02	3.06E-04	9.66E-01	1.16E-02	8.54E-02	1.45E-03	1.11E+00
558662.684160307.32	558662.68	4160307.32	WRKR_772	WORKER	4.62E-02	3.12E-04	1.03E+00	1.18E-02	9.08E-02	1.48E-03	1.18E+00
558662.684160317.32	558662.68	4160317.32	WRKR_773	WORKER	4.92E-02	3.19E-04	1.09E+00	1.21E-02	9.68E-02	1.51E-03	1.25E+00
558662.684160327.32	558662.68	4160327.32	WRKR_774	WORKER	5.25E-02	3.29E-04	1.17E+00	1.25E-02	1.03E-01	1.56E-03	1.34E+00
558662.684160337.32	558662.68	4160337.32	WRKR_775	WORKER	5.61E-02	3.42E-04	1.25E+00	1.30E-02	1.10E-01	1.62E-03	1.43E+00
558672.684160297.32	558672.68	4160297.32	WRKR_776	WORKER	4.37E-02	3.46E-04	9.71E-01	1.31E-02	8.59E-02	1.64E-03	1.12E+00
558672.684160307.32	558672.68	4160307.32	WRKR_777	WORKER	4.66E-02	3.53E-04	1.03E+00	1.34E-02	9.15E-02	1.68E-03	1.19E+00
558672.684160317.32	558672.68	4160317.32	WRKR_778	WORKER	4.96E-02	3.61E-04	1.10E+00	1.37E-02	9.75E-02	1.71E-03	1.27E+00
558672.684160327.32	558672.68	4160327.32	WRKR_779	WORKER	5.29E-02	3.69E-04	1.17E+00	1.40E-02	1.04E-01	1.75E-03	1.35E+00
558672.684160337.32	558672.68	4160337.32	WRKR_780	WORKER	5.64E-02	3.81E-04	1.25E+00	1.45E-02	1.11E-01	1.81E-03	1.44E+00
558543.584160290.65	558543.58	4160290.65	WRKR_781	WORKER	3.91E-02	1.29E-04	8.69E-01	4.91E-03	7.68E-02	6.14E-04	9.90E-01
558553.584160300.65	558553.58	4160300.65	WRKR_782	WORKER	4.16E-02	1.42E-04	9.24E-01	5.40E-03	8.17E-02	6.75E-04	1.05E+00
558553.584160310.65	558553.58	4160310.65	WRKR_783	WORKER	4.42E-02	1.49E-04	9.83E-01	5.65E-03	8.69E-02	7.06E-04	1.12E+00
558553.584160320.65	558553.58	4160320.65	WRKR_784	WORKER	4.72E-02	1.56E-04	1.05E+00	5.94E-03	9.27E-02	7.42E-04	1.19E+00
558553.584160330.65	558553.58	4160330.65	WRKR_785	WORKER	5.04E-02	1.64E-04	1.12E+00	6.24E-03	9.91E-02	7.81E-04	1.28E+00

Cancer Risk

					AE		AH			
					3rd Tri		0<2		2<16		Total Cancer Risk (cases per million)
					Cancer Risk (cases per million)		Cancer Risk (cases per million)		Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD	
558563.584160300.65	558563.58	4160300.65	WRKR_786	WORKER	4.17E-02	1.50E-04	9.27E-01	5.69E-03	8.19E-02	7.12E-04	1.06E+00
558563.584160310.65	558563.58	4160310.65	WRKR_787	WORKER	4.44E-02	1.57E-04	9.87E-01	5.97E-03	8.73E-02	7.46E-04	1.13E+00
558563.584160320.65	558563.58	4160320.65	WRKR_788	WORKER	4.74E-02	1.65E-04	1.05E+00	6.28E-03	9.31E-02	7.85E-04	1.20E+00
558563.584160330.65	558563.58	4160330.65	WRKR_789	WORKER	5.07E-02	1.74E-04	1.13E+00	6.61E-03	9.96E-02	8.27E-04	1.28E+00
558573.584160300.65	558573.58	4160300.65	WRKR_790	WORKER	4.19E-02	1.58E-04	9.31E-01	6.01E-03	8.23E-02	7.52E-04	1.06E+00
558573.584160310.65	558573.58	4160310.65	WRKR_791	WORKER	4.46E-02	1.66E-04	9.92E-01	6.30E-03	8.77E-02	7.88E-04	1.13E+00
558573.584160320.65	558573.58	4160320.65	WRKR_792	WORKER	4.76E-02	1.75E-04	1.06E+00	6.63E-03	9.36E-02	8.29E-04	1.21E+00
558573.584160330.65	558573.58	4160330.65	WRKR_793	WORKER	5.10E-02	1.84E-04	1.13E+00	7.00E-03	1.00E-01	8.75E-04	1.29E+00
558583.584160300.65	558583.58	4160300.65	WRKR_794	WORKER	4.21E-02	1.68E-04	9.36E-01	6.36E-03	8.28E-02	7.95E-04	1.07E+00
558583.584160310.65	558583.58	4160310.65	WRKR_795	WORKER	4.49E-02	1.75E-04	9.98E-01	6.66E-03	8.82E-02	8.32E-04	1.14E+00
558583.584160320.65	558583.58	4160320.65	WRKR_796	WORKER	4.79E-02	1.85E-04	1.07E+00	7.01E-03	9.42E-02	8.76E-04	1.22E+00
558583.584160330.65	558583.58	4160330.65	WRKR_797	WORKER	5.13E-02	1.95E-04	1.14E+00	7.40E-03	1.01E-01	9.25E-04	1.30E+00
558593.584160330.65	558593.58	4160330.65	WRKR_798	WORKER	5.17E-02	2.07E-04	1.15E+00	7.85E-03	1.02E-01	9.82E-04	1.31E+00
558455.354160303.56	558455.35	4160303.56	WRKR_799	WORKER	4.43E-02	8.71E-05	9.84E-01	3.31E-03	8.70E-02	4.14E-04	1.12E+00
558455.354160313.56	558455.35	4160313.56	WRKR_800	WORKER	4.67E-02	9.02E-05	1.04E+00	3.42E-03	9.18E-02	4.28E-04	1.18E+00
558455.354160323.56	558455.35	4160323.56	WRKR_801	WORKER	4.94E-02	9.35E-05	1.10E+00	3.55E-03	9.70E-02	4.44E-04	1.25E+00
558455.354160333.56	558455.35	4160333.56	WRKR_802	WORKER	5.23E-02	9.68E-05	1.16E+00	3.68E-03	1.03E-01	4.60E-04	1.32E+00
558455.354160343.56	558455.35	4160343.56	WRKR_803	WORKER	5.56E-02	1.00E-04	1.24E+00	3.81E-03	1.09E-01	4.76E-04	1.41E+00
558465.354160303.56	558465.35	4160303.56	WRKR_804	WORKER	4.37E-02	9.14E-05	9.72E-01	3.47E-03	8.59E-02	4.34E-04	1.11E+00
558465.354160313.56	558465.35	4160313.56	WRKR_805	WORKER	4.62E-02	9.47E-05	1.03E+00	3.59E-03	9.07E-02	4.49E-04	1.17E+00
558465.354160323.56	558465.35	4160323.56	WRKR_806	WORKER	4.88E-02	9.81E-05	1.09E+00	3.73E-03	9.60E-02	4.66E-04	1.23E+00
558465.354160333.56	558465.35	4160333.56	WRKR_807	WORKER	5.18E-02	1.02E-04	1.15E+00	3.86E-03	1.02E-01	4.83E-04	1.31E+00
558465.354160343.56	558465.35	4160343.56	WRKR_808	WORKER	5.51E-02	1.06E-04	1.23E+00	4.01E-03	1.08E-01	5.02E-04	1.39E+00
558475.354160303.56	558475.35	4160303.56	WRKR_809	WORKER	4.33E-02	9.58E-05	9.62E-01	3.63E-03	8.50E-02	4.54E-04	1.09E+00
558475.354160313.56	558475.35	4160313.56	WRKR_810	WORKER	4.57E-02	9.94E-05	1.02E+00	3.77E-03	8.98E-02	4.72E-04	1.16E+00
558475.354160323.56	558475.35	4160323.56	WRKR_811	WORKER	4.84E-02	1.03E-04	1.08E+00	3.92E-03	9.52E-02	4.90E-04	1.22E+00
558475.354160333.56	558475.35	4160333.56	WRKR_812	WORKER	5.14E-02	1.07E-04	1.14E+00	4.07E-03	1.01E-01	5.09E-04	1.30E+00
558475.354160343.56	558475.35	4160343.56	WRKR_813	WORKER	5.48E-02	1.12E-04	1.22E+00	4.24E-03	1.08E-01	5.30E-04	1.38E+00
558485.354160303.56	558485.35	4160303.56	WRKR_814	WORKER	4.29E-02	1.01E-04	9.53E-01	3.82E-03	8.43E-02	4.78E-04	1.08E+00
558485.354160313.56	558485.35	4160313.56	WRKR_815	WORKER	4.53E-02	1.04E-04	1.01E+00	3.95E-03	8.91E-02	4.94E-04	1.15E+00
558485.354160323.56	558485.35	4160323.56	WRKR_816	WORKER	4.81E-02	1.09E-04	1.07E+00	4.13E-03	9.45E-02	5.16E-04	1.22E+00
558485.354160333.56	558485.35	4160333.56	WRKR_817	WORKER	5.11E-02	1.13E-04	1.14E+00	4.29E-03	1.01E-01	5.37E-04	1.29E+00
558485.354160343.56	558485.35	4160343.56	WRKR_818	WORKER	5.45E-02	1.18E-04	1.21E+00	4.47E-03	1.07E-01	5.59E-04	1.38E+00
558495.354160303.56	558495.35	4160303.56	WRKR_819	WORKER	4.26E-02	1.06E-04	9.47E-01	4.02E-03	8.37E-02	5.03E-04	1.08E+00
558495.354160313.56	558495.35	4160313.56	WRKR_820	WORKER	4.51E-02	1.10E-04	1.00E+00	4.18E-03	8.86E-02	5.23E-04	1.14E+00
558495.354160323.56	558495.35	4160323.56	WRKR_821	WORKER	4.79E-02	1.15E-04	1.06E+00	4.35E-03	9.41E-02	5.44E-04	1.21E+00
558495.354160333.56	558495.35	4160333.56	WRKR_822	WORKER	5.10E-02	1.19E-04	1.13E+00	4.53E-03	1.00E-01	5.67E-04	1.29E+00
558495.354160343.56	558495.35	4160343.56	WRKR_823	WORKER	5.44E-02	1.25E-04	1.21E+00	4.74E-03	1.07E-01	5.92E-04	1.38E+00
558505.354160303.56	558505.35	4160303.56	WRKR_824	WORKER	4.24E-02	1.12E-04	9.42E-01	4.24E-03	8.33E-02	5.30E-04	1.07E+00
558505.354160313.56	558505.35	4160313.56	WRKR_825	WORKER	4.49E-02	1.16E-04	9.99E-01	4.41E-03	8.83E-02	5.52E-04	1.14E+00
558505.354160323.56	558505.35	4160323.56	WRKR_826	WORKER	4.77E-02	1.21E-04	1.06E+00	4.60E-03	9.38E-02	5.75E-04	1.21E+00
558505.354160333.56	558505.35	4160333.56	WRKR_827	WORKER	5.09E-02	1.26E-04	1.13E+00	4.80E-03	1.00E-01	6.00E-04	1.29E+00
558515.354160303.56	558515.35	4160303.56	WRKR_828	WORKER	4.22E-02	1.18E-04	9.39E-01	4.47E-03	8.30E-02	5.58E-04	1.07E+00
558515.354160313.56	558515.35	4160313.56	WRKR_829	WORKER	4.48E-02	1.23E-04	9.96E-01	4.66E-03	8.81E-02	5.82E-04	1.13E+00
558515.354160323.56	558515.35	4160323.56	WRKR_830	WORKER	4.77E-02	1.28E-04	1.06E+00	4.86E-03	9.37E-02	6.07E-04	1.21E+00
558515.354160333.56	558515.35	4160333.56	WRKR_831	WORKER	5.08E-02	1.34E-04	1.13E+00	5.08E-03	9.99E-02	6.35E-04	1.29E+00
558525.354160303.56	558525.35	4160303.56	WRKR_832	WORKER	4.22E-02	1.24E-04	9.37E-01	4.71E-03	8.29E-02	5.88E-04	1.07E+00
558525.354160313.56	558525.35	4160313.56	WRKR_833	WORKER	4.48E-02	1.29E-04	9.95E-01	4.91E-03	8.80E-02	6.14E-04	1.13E+00
558525.354160323.56	558525.35	4160323.56	WRKR_834	WORKER	4.77E-02	1.35E-04	1.06E+00	5.14E-03	9.37E-02	6.43E-04	1.21E+00
558525.354160333.56	558525.35	4160333.56	WRKR_835	WORKER	5.09E-02	1.42E-04	1.13E+00	5.39E-03	1.00E-01	6.73E-04	1.29E+00
558535.354160303.56	558535.35	4160303.56	WRKR_836	WORKER	4.22E-02	1.31E-04	9.37E-01	4.96E-03	8.29E-02	6.20E-04	1.07E+00
558535.354160313.56	558535.35	4160313.56	WRKR_837	WORKER	4.48E-02	1.37E-04	9.96E-01	5.19E-03	8.81E-02	6.49E-04	1.14E+00
558535.354160323.56	558535.35	4160323.56	WRKR_838	WORKER	4.78E-02	1.43E-04	1.06E+00	5.44E-03	9.39E-02	6.80E-04	1.21E+00
558535.354160333.56	558535.35	4160333.56	WRKR_839	WORKER	5.10E-02	1.50E-04	1.13E+00	5.70E-03	1.00E-01	7.12E-04	1.29E+00
558616.674160229.97	558616.67	4160229.97	WRKR_840	WORKER	2.85E-02	1.58E-04	6.34E-01	6.01E-03	5.61E-02	7.51E-04	7.26E-01
558616.674160239.97	558616.67	4160239.97	WRKR_841	WORKER	3.01E-02	1.65E-04	6.69E-01	6.25E-03	5.91E-02	7.82E-04	7.65E-01
558616.674160249.97	558616.67	4160249.97	WRKR_842	WORKER	3.18E-02	1.71E-04	7.06E-01	6.51E-03	6.25E-02	8.13E-04	8.08E-01
558626.674160229.97	558626.67	4160229.97	WRKR_843	WORKER	2.87E-02	1.72E-04	6.37E-01	6.54E-03	5.63E-02	8.18E-04	7.30E-01
558626.674160239.97	558626.67	4160239.97	WRKR_844	WORKER	3.02E-02	1.79E-04	6.72E-01	6.80E-03	5.94E-02	8.51E-04	7.70E-01
558626.674160249.97	558626.67	4160249.97	WRKR_845	WORKER	3.20E-02	1.87E-04	7.11E-01	7.08E-03	6.28E-02	8.85E-04	8.14E-01
558636.674160229.97	558636.67	4160229.97	WRKR_846	WORKER	2.88E-02	1.89E-04	6.41E-01	7.18E-03	5.66E-02	8.98E-04	7.34E-01
558636.674160239.97	558636.67	4160239.97	WRKR_847	WORKER	3.04E-02	1.97E-04	6.76E-01	7.48E-03	5.98E-02	9.35E-04	7.75E-01
558636.674160249.97	558636.67	4160249.97	WRKR_848	WORKER	3.22E-02	2.05E-04	7.15E-01	7.78E-03	6.33E-02	9.72E-04	8.20E-01
558646.674160229.97	558646.67	4160229.97	WRKR_849	WORKER	2.90E-02	2.10E-04	6.45E-01	7.96E-03	5.70E-02	9.95E-04	7.40E-01
558646.674160239.97	558646.67	4160239.97	WRKR_850	WORKER	3.06E-02	2.19E-04	6.81E-01	8.30E-03	6.02E-02	1.04E-03	7.82E-01
558646.674160249.97	558646.67	4160249.97	WRKR_851	WORKER	3.24E-02	2.28E-04	7.21E-01	8.64E-03	6.37E-02	1.08E-03	8.27E-01
558656.674160229.97	558656.67	4160229.97	WRKR_852	WORKER	2.92E-02	2.36E-04	6.49E-01	8.95E-03	5.74E-02	1.12E-03	7.46E-01
558656.674160239.97	558656.67	4160239.97	WRKR_853	WORKER	3.09E-02	2.46E-04	6.86E-01	9.33E-03	6.07E-02	1.17E-03	7.89E-01
558666.674160229.97	558666.67	4160229.97	WRKR_854	WORKER	2.94E-02	2.69E-04	6.54E-01	1.02E-02	5.79E-02	1.27E-03	7.53E-01
558666.674160239.97	558666.67	4160239.97	WRKR_855	WORKER	3.11E-02	2.81E-04	6.92E-01	1.07E-02	6.12E-02	1.33E-03	7.96E-01
558676.674160229.97	558676.67	4160229.97	WRKR_856	WORKER	2.97E-02	3.11E-04	6.60E-01	1.18E-02	5.83E-02	1.47E-03	7.61E-01
558676.674160239.97	558676.67	4160239.97	WRKR_857	WORKER	3.14E-02	3.26E-04	6.98E-01	1.24E-02	6.17E-02	1.55E-03	8.05E-01
558686.674160229.97	558686.67	4160229.97	WRKR_858	WORKER	2.99E-02	3.66E-04	6.65E-01	1.39E-02	5.88E-02	1.74E-03	7.70E-01
558686.674160239.97	558686.67	4160239.97	WRKR_859	WORKER	3.17E-02	3.86E-04	7.04E-01	1.46E-02	6.22E-02	1.83E-03	8.15E-01
558696.674160229.97	558696.67	4160229.97	WRKR_860	WORKER	3.02E-02	4.41E-04	6.71E-01	1.67E-02	5.93E-02	2.09E-03	7.80E-01
558696.674160239.97	558696.67	4160239.97	WRKR_861	WORKER	3.20E-02	4.67E-04	7.10E-01	1.77E-02	6.28E-02	2.21E-03	8.25E-01
558706.674160229.97	558706.67	4160229.97	WRKR_862	WORKER	3.05E-02	5.43E-04	6.77E-01	2.06E-02	5.99E-02	2.58E-03	7.91E-01
558706.674160239.97	558706.67	4160239.97	WRKR_863	WORKER	3.22E-02	5.78E-04	7.17E-01	2.20E-02	6.34E-02	2.75E-03	8.38E-01
558716.674160229.97	558716.67	4160229.97	WRKR_864	WORKER	3.08E-02	6.85E-04	6.84E-01	2.60E-02	6.04E-02	3.25E-03	8.05E-01
558716.674160239.97	558716.67	4160239.97	WRKR_865	WORKER	3.25E-02	5.33E-04	7.23E-01	2.02E-02	6.40E-02	2.53E-03	8.43E-01
558420.214160235.8	558420.21	4160235.8	WRKR_866	WORKER	3.48E-02	6.05E-05	7.73E-01	2.30E-03	6.83E-02	2.87E-04	8.78E-01
558420.214160245.8	558420.21	4160245.8	WRKR_867	WORKER	3.62E-02	6.24E-05	8.04E-01	2.37E-03	7.11E-02	2.96E-04	9.14E-01
558420.214160255.8	558420.21	4160255.8	WRKR_868	WORKER	3.77E-02	6.43E-05	8.39E-01	2.44E-03	7.41E-02	3.05E-04	9.53E-01
558430.214160235.8	558430.21	4160235.8	WRKR_869	WORKER	3.40E-02	6.29E-05	7.56E-01	2.39E-03	6.69E-02	2.99E-04	8.60E-01
558430.214160245.8	558430.21	4160245.8	WRKR_870	WORKER	3.54E-02	6.48E-05	7.88E-01	2.46E-03	6.96E-02	3.08E-04	8.96E-01
558430.214160255.8	558430.21	4160255.8	WRKR_871	WORKER	3.69E-02	6.69E-05	8.21E-01	2.54E-03	7.26E-02	3.17E-04	9.34E-01
558440.214160235.8	558440.21	4160235.8	WRKR_872	WORKER	3.34E-02	6.55E-05	7.41E-01	2.49E-03	6.56E-02	3.11E-04	8.43E-01

Cancer Risk

					AE		AH		
					3rd Tri		0<2		2<16		Total Cancer Risk (cases per million)
					Cancer Risk (cases per million)		Cancer Risk (cases per million)		Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	GROUP	OFFROAD	ONROAD	OFFROAD	ONROAD	OFFROAD	ONROAD	
558440.214160245.8	558440.21	4160245.8	WRKR_873	WORKER	3.47E-02	6.75E-05	7.72E-01	2.56E-03	6.83E-02	3.21E-04	8.78E-01
558440.214160255.8	558440.21	4160255.8	WRKR_874	WORKER	3.62E-02	6.97E-05	8.05E-01	2.64E-03	7.12E-02	3.31E-04	9.16E-01
558450.214160235.8	558450.21	4160235.8	WRKR_875	WORKER	3.27E-02	6.80E-05	7.28E-01	2.58E-03	6.43E-02	3.23E-04	8.28E-01
558450.214160245.8	558450.21	4160245.8	WRKR_876	WORKER	3.41E-02	7.02E-05	7.58E-01	2.66E-03	6.70E-02	3.33E-04	8.62E-01
558450.214160255.8	558450.21	4160255.8	WRKR_877	WORKER	3.56E-02	7.25E-05	7.91E-01	2.75E-03	6.99E-02	3.44E-04	9.00E-01
558460.214160235.8	558460.21	4160235.8	WRKR_878	WORKER	3.22E-02	7.07E-05	7.15E-01	2.68E-03	6.32E-02	3.36E-04	8.14E-01
558460.214160245.8	558460.21	4160245.8	WRKR_879	WORKER	3.35E-02	7.30E-05	7.45E-01	2.77E-03	6.59E-02	3.47E-04	8.48E-01
558460.214160255.8	558460.21	4160255.8	WRKR_880	WORKER	3.50E-02	7.56E-05	7.78E-01	2.87E-03	6.88E-02	3.59E-04	8.85E-01
558470.214160235.8	558470.21	4160235.8	WRKR_881	WORKER	3.17E-02	7.37E-05	7.04E-01	2.80E-03	6.22E-02	3.50E-04	8.01E-01
558470.214160245.8	558470.21	4160245.8	WRKR_882	WORKER	3.30E-02	7.62E-05	7.34E-01	2.89E-03	6.49E-02	3.62E-04	8.35E-01
558470.214160255.8	558470.21	4160255.8	WRKR_883	WORKER	3.45E-02	7.89E-05	7.66E-01	3.00E-03	6.78E-02	3.75E-04	8.72E-01
558480.214160235.8	558480.21	4160235.8	WRKR_884	WORKER	3.12E-02	7.69E-05	6.93E-01	2.92E-03	6.13E-02	3.65E-04	7.89E-01
558480.214160245.8	558480.21	4160245.8	WRKR_885	WORKER	3.26E-02	7.96E-05	7.24E-01	3.02E-03	6.40E-02	3.78E-04	8.24E-01
558480.214160255.8	558480.21	4160255.8	WRKR_886	WORKER	3.40E-02	8.25E-05	7.56E-01	3.13E-03	6.69E-02	3.92E-04	8.61E-01
558490.214160235.8	558490.21	4160235.8	WRKR_887	WORKER	3.08E-02	8.03E-05	6.84E-01	3.05E-03	6.05E-02	3.81E-04	7.79E-01
558490.214160245.8	558490.21	4160245.8	WRKR_888	WORKER	3.21E-02	8.30E-05	7.13E-01	3.15E-03	6.31E-02	3.94E-04	8.12E-01
558490.214160255.8	558490.21	4160255.8	WRKR_889	WORKER	3.36E-02	8.63E-05	7.47E-01	3.27E-03	6.61E-02	4.09E-04	8.50E-01
558500.214160235.8	558500.21	4160235.8	WRKR_890	WORKER	3.04E-02	8.41E-05	6.76E-01	3.19E-03	5.98E-02	3.99E-04	7.70E-01
558500.214160245.8	558500.21	4160245.8	WRKR_891	WORKER	3.18E-02	8.71E-05	7.06E-01	3.31E-03	6.25E-02	4.13E-04	8.04E-01
558500.214160255.8	558500.21	4160255.8	WRKR_892	WORKER	3.33E-02	9.04E-05	7.39E-01	3.43E-03	6.54E-02	4.29E-04	8.42E-01
558510.214160235.8	558510.21	4160235.8	WRKR_893	WORKER	3.01E-02	8.81E-05	6.69E-01	3.34E-03	5.92E-02	4.18E-04	7.62E-01
558510.214160245.8	558510.21	4160245.8	WRKR_894	WORKER	3.15E-02	9.14E-05	7.00E-01	3.47E-03	6.19E-02	4.34E-04	7.97E-01
558510.214160255.8	558510.21	4160255.8	WRKR_895	WORKER	3.30E-02	9.50E-05	7.33E-01	3.61E-03	6.48E-02	4.51E-04	8.35E-01
558520.214160235.8	558520.21	4160235.8	WRKR_896	WORKER	2.98E-02	9.23E-05	6.63E-01	3.50E-03	5.86E-02	4.38E-04	7.56E-01
558520.214160245.8	558520.21	4160245.8	WRKR_897	WORKER	3.12E-02	9.58E-05	6.94E-01	3.64E-03	6.14E-02	4.55E-04	7.91E-01
558520.214160255.8	558520.21	4160255.8	WRKR_898	WORKER	3.27E-02	9.96E-05	7.27E-01	3.78E-03	6.43E-02	4.73E-04	8.29E-01
558530.214160235.8	558530.21	4160235.8	WRKR_899	WORKER	2.96E-02	9.67E-05	6.58E-01	3.67E-03	5.82E-02	4.59E-04	7.50E-01
558530.214160245.8	558530.21	4160245.8	WRKR_900	WORKER	3.10E-02	1.00E-04	6.89E-01	3.81E-03	6.09E-02	4.76E-04	7.86E-01
558530.214160255.8	558530.21	4160255.8	WRKR_901	WORKER	3.25E-02	1.05E-04	7.23E-01	3.97E-03	6.40E-02	4.96E-04	8.24E-01
558540.214160235.8	558540.21	4160235.8	WRKR_902	WORKER	2.94E-02	1.01E-04	6.54E-01	3.85E-03	5.78E-02	4.82E-04	7.46E-01
558540.214160245.8	558540.21	4160245.8	WRKR_903	WORKER	3.09E-02	1.05E-04	6.86E-01	4.00E-03	6.06E-02	5.00E-04	7.82E-01
558540.214160255.8	558540.21	4160255.8	WRKR_904	WORKER	3.24E-02	1.10E-04	7.20E-01	4.17E-03	6.37E-02	5.21E-04	8.21E-01
558550.214160235.8	558550.21	4160235.8	WRKR_905	WORKER	2.93E-02	1.07E-04	6.51E-01	4.05E-03	5.76E-02	5.06E-04	7.43E-01
558550.214160245.8	558550.21	4160245.8	WRKR_906	WORKER	3.07E-02	1.11E-04	6.83E-01	4.20E-03	6.04E-02	5.26E-04	7.79E-01
558550.214160255.8	558550.21	4160255.8	WRKR_907	WORKER	3.23E-02	1.15E-04	7.18E-01	4.38E-03	6.35E-02	5.48E-04	8.19E-01
558560.214160235.8	558560.21	4160235.8	WRKR_908	WORKER	2.92E-02	1.13E-04	6.49E-01	4.27E-03	5.74E-02	5.34E-04	7.41E-01
558560.214160245.8	558560.21	4160245.8	WRKR_909	WORKER	3.07E-02	1.17E-04	6.82E-01	4.46E-03	6.03E-02	5.58E-04	7.78E-01
558560.214160255.8	558560.21	4160255.8	WRKR_910	WORKER	3.23E-02	1.22E-04	7.17E-01	4.65E-03	6.34E-02	5.81E-04	8.18E-01
558570.214160235.8	558570.21	4160235.8	WRKR_911	WORKER	2.92E-02	1.19E-04	6.48E-01	4.50E-03	5.73E-02	5.63E-04	7.40E-01
558570.214160245.8	558570.21	4160245.8	WRKR_912	WORKER	3.06E-02	1.23E-04	6.81E-01	4.67E-03	6.02E-02	5.84E-04	7.78E-01
558570.214160255.8	558570.21	4160255.8	WRKR_913	WORKER	3.23E-02	1.29E-04	7.18E-01	4.88E-03	6.35E-02	6.10E-04	8.19E-01
558580.214160235.8	558580.21	4160235.8	WRKR_914	WORKER	2.91E-02	1.26E-04	6.48E-01	4.77E-03	5.73E-02	5.96E-04	7.40E-01
558580.214160245.8	558580.21	4160245.8	WRKR_915	WORKER	3.07E-02	1.31E-04	6.82E-01	4.96E-03	6.03E-02	6.20E-04	7.78E-01
558590.214160235.8	558590.21	4160235.8	WRKR_916	WORKER	2.92E-02	1.34E-04	6.48E-01	5.08E-03	5.73E-02	6.36E-04	7.41E-01
558590.214160245.8	558590.21	4160245.8	WRKR_917	WORKER	3.07E-02	1.39E-04	6.83E-01	5.28E-03	6.04E-02	6.60E-04	7.80E-01
558600.214160245.8	558600.21	4160245.8	WRKR_918	WORKER	3.08E-02	1.49E-04	6.85E-01	5.66E-03	6.06E-02	7.07E-04	7.83E-01

							MAX:	8.16
Cancer Risk			**CONSTRUCTION ONLY**				**X (UTM):**	558066.09
			Resident Cancer Risk				**Y (UTM):**	4160530.12
XY	**X**	**Y**	**XY**	**X**	**Y**	**GROUP**	**Cancer Risk**	
557996.384160720.52	557996.38	4160720.52	557976.094160490.12	557976.09	4160490.12	HLTN_1	3.59	
557996.384160730.52	557996.38	4160730.52	557976.094160500.12	557976.09	4160500.12	HLTN_2	3.73	
557996.384160740.52	557996.38	4160740.52	557976.094160510.12	557976.09	4160510.12	HLTN_3	3.89	
558006.384160710.52	558006.38	4160710.52	557976.094160520.12	557976.09	4160520.12	HLTN_4	4.05	
558006.384160720.52	558006.38	4160720.52	557976.094160530.12	557976.09	4160530.12	HLTN_5	4.19	
558006.384160730.52	558006.38	4160730.52	557986.094160480.12	557986.09	4160480.12	HLTN_6	3.70	
558006.384160740.52	558006.38	4160740.52	557986.094160490.12	557986.09	4160490.12	HLTN_7	3.91	
558016.384160710.52	558016.38	4160710.52	557986.094160500.12	557986.09	4160500.12	HLTN_8	4.05	
558016.384160720.52	558016.38	4160720.52	557986.094160510.12	557986.09	4160510.12	HLTN_9	4.20	
558016.384160730.52	558016.38	4160730.52	557986.094160520.12	557986.09	4160520.12	HLTN_10	4.36	
558016.384160740.52	558016.38	4160740.52	557986.094160530.12	557986.09	4160530.12	HLTN_11	4.51	
558026.384160710.52	558026.38	4160710.52	557996.094160480.12	557996.09	4160480.12	HLTN_12	4.01	
558026.384160720.52	558026.38	4160720.52	557996.094160490.12	557996.09	4160490.12	HLTN_13	4.17	
558026.384160730.52	558026.38	4160730.52	557996.094160500.12	557996.09	4160500.12	HLTN_14	4.33	
558026.384160740.52	558026.38	4160740.52	557996.094160510.12	557996.09	4160510.12	HLTN_15	4.51	
558277.534160581.24	558277.53	4160581.24	557996.094160520.12	557996.09	4160520.12	HLTN_16	4.68	
558277.534160591.24	558277.53	4160591.24	557996.094160530.12	557996.09	4160530.12	HLTN_17	4.87	
558287.534160581.24	558287.53	4160581.24	557996.094160540.12	557996.09	4160540.12	HLTN_18	5.05	
558287.534160591.24	558287.53	4160591.24	557996.094160550.12	557996.09	4160550.12	HLTN_19	5.24	
558297.534160581.24	558297.53	4160581.24	557996.094160560.12	557996.09	4160560.12	HLTN_20	5.43	
558297.534160591.24	558297.53	4160591.24	557996.094160570.12	557996.09	4160570.12	HLTN_21	5.62	
558307.534160581.24	558307.53	4160581.24	558006.094160480.12	558006.09	4160480.12	HLTN_22	4.26	
558307.534160591.24	558307.53	4160591.24	558006.094160490.12	558006.09	4160490.12	HLTN_23	4.44	
558317.534160581.24	558317.53	4160581.24	558006.094160500.12	558006.09	4160500.12	HLTN_24	4.63	
558317.534160591.24	558317.53	4160591.24	558006.094160510.12	558006.09	4160510.12	HLTN_25	4.83	
558327.534160581.24	558327.53	4160581.24	558006.094160520.12	558006.09	4160520.12	HLTN_26	5.04	
558327.534160591.24	558327.53	4160591.24	558006.094160530.12	558006.09	4160530.12	HLTN_27	5.25	
558337.534160581.24	558337.53	4160581.24	558006.094160540.12	558006.09	4160540.12	HLTN_28	5.47	
558101.054160547.13	558101.05	4160547.13	558006.094160550.12	558006.09	4160550.12	HLTN_29	5.70	
558101.054160557.13	558101.05	4160557.13	558006.094160560.12	558006.09	4160560.12	HLTN_30	5.92	
558111.054160547.13	558111.05	4160547.13	558006.094160570.12	558006.09	4160570.12	HLTN_31	6.15	
558111.054160557.13	558111.05	4160557.13	558016.094160480.12	558016.09	4160480.12	HLTN_32	4.52	
558111.054160567.13	558111.05	4160567.13	558016.094160490.12	558016.09	4160490.12	HLTN_33	4.73	
558121.054160537.13	558121.05	4160537.13	558016.094160500.12	558016.09	4160500.12	HLTN_34	4.95	
558121.054160547.13	558121.05	4160547.13	558016.094160510.12	558016.09	4160510.12	HLTN_35	5.18	
558121.054160557.13	558121.05	4160557.13	558016.094160520.12	558016.09	4160520.12	HLTN_36	5.42	
558121.054160567.13	558121.05	4160567.13	558016.094160530.12	558016.09	4160530.12	HLTN_37	5.67	
558121.054160577.13	558121.05	4160577.13	558016.094160540.12	558016.09	4160540.12	HLTN_38	5.92	
558121.054160587.13	558121.05	4160587.13	558016.094160550.12	558016.09	4160550.12	HLTN_39	6.19	
558131.054160527.13	558131.05	4160527.13	558016.094160560.12	558016.09	4160560.12	HLTN_40	6.47	
558131.054160537.13	558131.05	4160537.13	558016.094160570.12	558016.09	4160570.12	HLTN_41	6.74	
558131.054160547.13	558131.05	4160547.13	558026.094160480.12	558026.09	4160480.12	HLTN_42	4.80	
558131.054160557.13	558131.05	4160557.13	558026.094160490.12	558026.09	4160490.12	HLTN_43	5.03	
558131.054160567.13	558131.05	4160567.13	558026.094160500.12	558026.09	4160500.12	HLTN_44	5.28	
558131.054160577.13	558131.05	4160577.13	558026.094160510.12	558026.09	4160510.12	HLTN_45	5.54	
558131.054160587.13	558131.05	4160587.13	558026.094160520.12	558026.09	4160520.12	HLTN_46	5.82	
558131.054160597.13	558131.05	4160597.13	558026.094160530.12	558026.09	4160530.12	HLTN_47	6.12	
558141.054160527.13	558141.05	4160527.13	558026.094160540.12	558026.09	4160540.12	HLTN_48	6.42	
558141.054160537.13	558141.05	4160537.13	558026.094160550.12	558026.09	4160550.12	HLTN_49	6.74	
558141.054160547.13	558141.05	4160547.13	558026.094160560.12	558026.09	4160560.12	HLTN_50	7.06	
558141.054160557.13	558141.05	4160557.13	558026.094160570.12	558026.09	4160570.12	HLTN_51	7.40	
558141.054160567.13	558141.05	4160567.13	558036.094160480.12	558036.09	4160480.12	HLTN_52	5.07	
558141.054160577.13	558141.05	4160577.13	558036.094160490.12	558036.09	4160490.12	HLTN_53	5.35	
558141.054160587.13	558141.05	4160587.13	558036.094160500.12	558036.09	4160500.12	HLTN_54	5.59	
558141.054160597.13	558141.05	4160597.13	558036.094160510.12	558036.09	4160510.12	HLTN_55	5.81	
558141.054160607.13	558141.05	4160607.13	558036.094160520.12	558036.09	4160520.12	HLTN_56	6.18	
558151.054160537.13	558151.05	4160537.13	558036.094160530.12	558036.09	4160530.12	HLTN_57	6.59	
558151.054160547.13	558151.05	4160547.13	558036.094160540.12	558036.09	4160540.12	HLTN_58	6.95	
558151.054160557.13	558151.05	4160557.13	558036.094160550.12	558036.09	4160550.12	HLTN_59	7.32	
558151.054160567.13	558151.05	4160567.13	558036.094160560.12	558036.09	4160560.12	HLTN_60	7.72	
558151.054160577.13	558151.05	4160577.13	558046.094160480.12	558046.09	4160480.12	HLTN_61	5.23	
558151.054160587.13	558151.05	4160587.13	558046.094160490.12	558046.09	4160490.12	HLTN_62	5.53	
558151.054160597.13	558151.05	4160597.13	558046.094160500.12	558046.09	4160500.12	HLTN_63	5.81	
558151.054160607.13	558151.05	4160607.13	558046.094160510.12	558046.09	4160510.12	HLTN_64	6.12	
558151.054160617.13	558151.05	4160617.13	558046.094160520.12	558046.09	4160520.12	HLTN_65	6.57	
558161.054160547.13	558161.05	4160547.13	558046.094160530.12	558046.09	4160530.12	HLTN_66	7.10	
558161.054160557.13	558161.05	4160557.13	558046.094160540.12	558046.09	4160540.12	HLTN_67	7.51	
558161.054160567.13	558161.05	4160567.13	558046.094160550.12	558046.09	4160550.12	HLTN_68	7.95	
558161.054160577.13	558161.05	4160577.13	558056.094160480.12	558056.09	4160480.12	HLTN_69	5.49	
558161.054160587.13	558161.05	4160587.13	558056.094160490.12	558056.09	4160490.12	HLTN_70	5.79	
558161.054160597.13	558161.05	4160597.13	558056.094160500.12	558056.09	4160500.12	HLTN_71	6.10	
558161.054160607.13	558161.05	4160607.13	558056.094160510.12	558056.09	4160510.12	HLTN_72	6.47	

						MAX:	8.16
Cancer Risk			**CONSTRUCTION ONLY**			**X (UTM):**	558066.09
			Resident Cancer Risk			**Y (UTM):**	4160530.12
XY	**X**	**Y**	**XY**	**X**	**Y**	**GROUP**	**Cancer Risk**
558171.054160557.13	558171.05	4160557.13	558056.094160520.12	558056.09	4160520.12	HLTN_73	7.04
558171.054160567.13	558171.05	4160567.13	558056.094160530.12	558056.09	4160530.12	HLTN_74	7.63
558171.054160577.13	558171.05	4160577.13	558056.094160540.12	558056.09	4160540.12	HLTN_75	8.10
558171.054160587.13	558171.05	4160587.13	558066.094160480.12	558066.09	4160480.12	HLTN_76	5.95
558171.054160597.13	558171.05	4160597.13	558066.094160490.12	558066.09	4160490.12	HLTN_77	6.29
558181.054160567.13	558181.05	4160567.13	558066.094160500.12	558066.09	4160500.12	HLTN_78	6.50
558181.054160577.13	558181.05	4160577.13	558066.094160510.12	558066.09	4160510.12	HLTN_79	7.05
558181.054160587.13	558181.05	4160587.13	558066.094160520.12	558066.09	4160520.12	HLTN_80	7.65
558191.054160577.13	558191.05	4160577.13	558066.094160530.12	558066.09	4160530.12	HLTN_81	8.16
558368.544160582.33	558368.54	4160582.33	558076.094160480.12	558076.09	4160480.12	HLTN_82	6.24
558378.544160582.33	558378.54	4160582.33	558076.094160490.12	558076.09	4160490.12	HLTN_83	6.65
558378.544160592.33	558378.54	4160592.33	558076.094160500.12	558076.09	4160500.12	HLTN_84	6.87
558378.544160602.33	558378.54	4160602.33	558076.094160510.12	558076.09	4160510.12	HLTN_85	7.59
558378.544160612.33	558378.54	4160612.33	558076.094160520.12	558076.09	4160520.12	HLTN_86	8.13
558388.544160582.33	558388.54	4160582.33	558086.094160490.12	558086.09	4160490.12	HLTN_87	6.91
558388.544160592.33	558388.54	4160592.33	558086.094160500.12	558086.09	4160500.12	HLTN_88	7.31
558388.544160602.33	558388.54	4160602.33	558086.094160510.12	558086.09	4160510.12	HLTN_89	8.02
558388.544160612.33	558388.54	4160612.33	558096.094160490.12	558096.09	4160490.12	HLTN_90	7.18
558398.544160582.33	558398.54	4160582.33	558096.094160500.12	558096.09	4160500.12	HLTN_91	7.83
558398.544160592.33	558398.54	4160592.33	557513.484160678.78	557513.48	4160678.78	HOTEL_1	0.52
558398.544160602.33	558398.54	4160602.33	557513.484160688.78	557513.48	4160688.78	HOTEL_2	0.52
558398.544160612.33	558398.54	4160612.33	557513.484160698.78	557513.48	4160698.78	HOTEL_3	0.52
557976.094160490.12	557976.09	4160490.12	557513.484160708.78	557513.48	4160708.78	HOTEL_4	0.52
557976.094160500.12	557976.09	4160500.12	557513.484160718.78	557513.48	4160718.78	HOTEL_5	0.52
557976.094160510.12	557976.09	4160510.12	557513.484160728.78	557513.48	4160728.78	HOTEL_6	0.52
557976.094160520.12	557976.09	4160520.12	557523.484160678.78	557523.48	4160678.78	HOTEL_7	0.54
557976.094160530.12	557976.09	4160530.12	557523.484160688.78	557523.48	4160688.78	HOTEL_8	0.53
557986.094160480.12	557986.09	4160480.12	557523.484160698.78	557523.48	4160698.78	HOTEL_9	0.53
557986.094160490.12	557986.09	4160490.12	557523.484160708.78	557523.48	4160708.78	HOTEL_10	0.53
557986.094160500.12	557986.09	4160500.12	557523.484160718.78	557523.48	4160718.78	HOTEL_11	0.53
557986.094160510.12	557986.09	4160510.12	557523.484160728.78	557523.48	4160728.78	HOTEL_12	0.53
557986.094160520.12	557986.09	4160520.12	557533.484160678.78	557533.48	4160678.78	HOTEL_13	0.55
557986.094160530.12	557986.09	4160530.12	557533.484160688.78	557533.48	4160688.78	HOTEL_14	0.55
557996.094160480.12	557996.09	4160480.12	557533.484160698.78	557533.48	4160698.78	HOTEL_15	0.55
557996.094160490.12	557996.09	4160490.12	557533.484160708.78	557533.48	4160708.78	HOTEL_16	0.55
557996.094160500.12	557996.09	4160500.12	557533.484160718.78	557533.48	4160718.78	HOTEL_17	0.55
557996.094160510.12	557996.09	4160510.12	557533.484160728.78	557533.48	4160728.78	HOTEL_18	0.55
557996.094160520.12	557996.09	4160520.12	557543.484160678.78	557543.48	4160678.78	HOTEL_19	0.57
557996.094160530.12	557996.09	4160530.12	557543.484160688.78	557543.48	4160688.78	HOTEL_20	0.56
557996.094160540.12	557996.09	4160540.12	557543.484160698.78	557543.48	4160698.78	HOTEL_21	0.56
557996.094160550.12	557996.09	4160550.12	557543.484160708.78	557543.48	4160708.78	HOTEL_22	0.56
557996.094160560.12	557996.09	4160560.12	557543.484160718.78	557543.48	4160718.78	HOTEL_23	0.56
557996.094160570.12	557996.09	4160570.12	557543.484160728.78	557543.48	4160728.78	HOTEL_24	0.56
558006.094160480.12	558006.09	4160480.12	557553.484160678.78	557553.48	4160678.78	HOTEL_25	0.59
558006.094160490.12	558006.09	4160490.12	557553.484160688.78	557553.48	4160688.78	HOTEL_26	0.58
558006.094160500.12	558006.09	4160500.12	557553.484160698.78	557553.48	4160698.78	HOTEL_27	0.58
558006.094160510.12	558006.09	4160510.12	557553.484160708.78	557553.48	4160708.78	HOTEL_28	0.58
558006.094160520.12	558006.09	4160520.12	557553.484160718.78	557553.48	4160718.78	HOTEL_29	0.58
558006.094160530.12	558006.09	4160530.12	557553.484160728.78	557553.48	4160728.78	HOTEL_30	0.58
558006.094160540.12	558006.09	4160540.12	557563.484160678.78	557563.48	4160678.78	HOTEL_31	0.61
558006.094160550.12	558006.09	4160550.12	557563.484160688.78	557563.48	4160688.78	HOTEL_32	0.60
558006.094160560.12	558006.09	4160560.12	557563.484160698.78	557563.48	4160698.78	HOTEL_33	0.60
558006.094160570.12	558006.09	4160570.12	557563.484160708.78	557563.48	4160708.78	HOTEL_34	0.60
558016.094160480.12	558016.09	4160480.12	557563.484160718.78	557563.48	4160718.78	HOTEL_35	0.60
558016.094160490.12	558016.09	4160490.12	557563.484160728.78	557563.48	4160728.78	HOTEL_36	0.60
558016.094160500.12	558016.09	4160500.12	557573.484160678.78	557573.48	4160678.78	HOTEL_37	0.62
558016.094160510.12	558016.09	4160510.12	557573.484160688.78	557573.48	4160688.78	HOTEL_38	0.62
558016.094160520.12	558016.09	4160520.12	557573.484160698.78	557573.48	4160698.78	HOTEL_39	0.62
558016.094160530.12	558016.09	4160530.12	557573.484160708.78	557573.48	4160708.78	HOTEL_40	0.62
558016.094160540.12	558016.09	4160540.12	557573.484160718.78	557573.48	4160718.78	HOTEL_41	0.62
558016.094160550.12	558016.09	4160550.12	557573.484160728.78	557573.48	4160728.78	HOTEL_42	0.62
558016.094160560.12	558016.09	4160560.12	557583.484160678.78	557583.48	4160678.78	HOTEL_43	0.64
558016.094160570.12	558016.09	4160570.12	557583.484160688.78	557583.48	4160688.78	HOTEL_44	0.64
558026.094160480.12	558026.09	4160480.12	557583.484160698.78	557583.48	4160698.78	HOTEL_45	0.64
558026.094160490.12	558026.09	4160490.12	557583.484160708.78	557583.48	4160708.78	HOTEL_46	0.64
558026.094160500.12	558026.09	4160500.12	557583.484160718.78	557583.48	4160718.78	HOTEL_47	0.64
558026.094160510.12	558026.09	4160510.12	557583.484160728.78	557583.48	4160728.78	HOTEL_48	0.64
558026.094160520.12	558026.09	4160520.12	557593.484160678.78	557593.48	4160678.78	HOTEL_49	0.66
558026.094160530.12	558026.09	4160530.12	557593.484160688.78	557593.48	4160688.78	HOTEL_50	0.66
558026.094160540.12	558026.09	4160540.12	557593.484160698.78	557593.48	4160698.78	HOTEL_51	0.66
558026.094160550.12	558026.09	4160550.12	557593.484160708.78	557593.48	4160708.78	HOTEL_52	0.66
558026.094160560.12	558026.09	4160560.12	557593.484160718.78	557593.48	4160718.78	HOTEL_53	0.66
558026.094160570.12	558026.09	4160570.12	557593.484160728.78	557593.48	4160728.78	HOTEL_54	0.66
558036.094160480.12	558036.09	4160480.12	557603.484160678.78	557603.48	4160678.78	HOTEL_55	0.68
558036.094160490.12	558036.09	4160490.12	557603.484160688.78	557603.48	4160688.78	HOTEL_56	0.68
558036.094160500.12	558036.09	4160500.12	557603.484160698.78	557603.48	4160698.78	HOTEL_57	0.68
558036.094160510.12	558036.09	4160510.12	557603.484160708.78	557603.48	4160708.78	HOTEL_58	0.68
558036.094160520.12	558036.09	4160520.12	557603.484160718.78	557603.48	4160718.78	HOTEL_59	0.68
558036.094160530.12	558036.09	4160530.12	557613.484160678.78	557613.48	4160678.78	HOTEL_60	0.71
558036.094160540.12	558036.09	4160540.12	557613.484160688.78	557613.48	4160688.78	HOTEL_61	0.71
558036.094160550.12	558036.09	4160550.12	557613.484160698.78	557613.48	4160698.78	HOTEL_62	0.70
558036.094160560.12	558036.09	4160560.12	557613.484160708.78	557613.48	4160708.78	HOTEL_63	0.70
558046.094160480.12	558046.09	4160480.12	557623.484160688.78	557623.48	4160688.78	HOTEL_64	0.73
558046.094160490.12	558046.09	4160490.12	557623.484160698.78	557623.48	4160698.78	HOTEL_65	0.73
558046.094160500.12	558046.09	4160500.12	557623.484160708.78	557623.48	4160708.78	HOTEL_66	0.73

Cancer Risk worker - offsite				16<30 Cancer Risk (cases per million)		Total Cancer Risk (cases per million)
XY	X	Y	Receptor Type	OFFROAD	ONROAD	
557996.384160720.52	557996.38	4160720.52	WRKR_1	5.01E-01	6.85E-05	5.01E-01
557996.384160730.52	557996.38	4160730.52	WRKR_2	4.93E-01	6.81E-05	4.93E-01
557996.384160740.52	557996.38	4160740.52	WRKR_3	4.79E-01	6.76E-05	4.79E-01
558006.384160710.52	558006.38	4160710.52	WRKR_4	5.73E-01	7.12E-05	5.73E-01
558006.384160720.52	558006.38	4160720.52	WRKR_5	5.65E-01	7.09E-05	5.65E-01
558006.384160730.52	558006.38	4160730.52	WRKR_6	5.53E-01	7.04E-05	5.53E-01
558006.384160740.52	558006.38	4160740.52	WRKR_7	5.39E-01	7.00E-05	5.39E-01
558016.384160710.52	558016.38	4160710.52	WRKR_8	6.52E-01	7.37E-05	6.52E-01
558016.384160720.52	558016.38	4160720.52	WRKR_9	6.41E-01	7.33E-05	6.41E-01
558016.384160730.52	558016.38	4160730.52	WRKR_10	6.25E-01	7.29E-05	6.25E-01
558016.384160740.52	558016.38	4160740.52	WRKR_11	6.05E-01	7.23E-05	6.05E-01
558026.384160710.52	558026.38	4160710.52	WRKR_12	7.43E-01	7.61E-05	7.43E-01
558026.384160720.52	558026.38	4160720.52	WRKR_13	7.32E-01	7.59E-05	7.32E-01
558026.384160730.52	558026.38	4160730.52	WRKR_14	7.10E-01	7.54E-05	7.10E-01
558026.384160740.52	558026.38	4160740.52	WRKR_15	6.84E-01	7.48E-05	6.84E-01
558277.534160581.24	558277.53	4160581.24	WRKR_16	1.97E+00	3.74E-04	1.97E+00
558277.534160591.24	558277.53	4160591.24	WRKR_17	2.38E+00	3.85E-04	2.38E+00
558287.534160581.24	558287.53	4160581.24	WRKR_18	1.92E+00	4.22E-04	1.92E+00
558287.534160591.24	558287.53	4160591.24	WRKR_19	2.29E+00	4.36E-04	2.29E+00
558297.534160581.24	558297.53	4160581.24	WRKR_20	1.85E+00	4.82E-04	1.85E+00
558297.534160591.24	558297.53	4160591.24	WRKR_21	2.20E+00	5.02E-04	2.20E+00
558307.534160581.24	558307.53	4160581.24	WRKR_22	1.77E+00	5.54E-04	1.77E+00
558307.534160591.24	558307.53	4160591.24	WRKR_23	2.11E+00	5.84E-04	2.11E+00
558317.534160581.24	558317.53	4160581.24	WRKR_24	1.70E+00	6.40E-04	1.70E+00
558317.534160591.24	558317.53	4160591.24	WRKR_25	2.03E+00	6.89E-04	2.03E+00
558327.534160581.24	558327.53	4160581.24	WRKR_26	1.63E+00	7.39E-04	1.63E+00
558327.534160591.24	558327.53	4160591.24	WRKR_27	1.95E+00	8.19E-04	1.95E+00
558337.534160581.24	558337.53	4160581.24	WRKR_28	1.54E+00	8.38E-04	1.54E+00
558101.054160547.13	558101.05	4160547.13	WRKR_29	8.73E-01	1.09E-04	8.73E-01
558101.054160557.13	558101.05	4160557.13	WRKR_30	9.52E-01	1.09E-04	9.52E-01
558111.054160547.13	558111.05	4160547.13	WRKR_31	9.28E-01	1.14E-04	9.29E-01
558111.054160557.13	558111.05	4160557.13	WRKR_32	1.02E+00	1.14E-04	1.02E+00
558111.054160567.13	558111.05	4160567.13	WRKR_33	1.12E+00	1.15E-04	1.12E+00
558121.054160537.13	558121.05	4160537.13	WRKR_34	8.96E-01	1.18E-04	8.96E-01
558121.054160547.13	558121.05	4160547.13	WRKR_35	9.84E-01	1.19E-04	9.84E-01
558121.054160557.13	558121.05	4160557.13	WRKR_36	1.08E+00	1.20E-04	1.08E+00
558121.054160567.13	558121.05	4160567.13	WRKR_37	1.20E+00	1.20E-04	1.20E+00
558121.054160577.13	558121.05	4160577.13	WRKR_38	1.33E+00	1.21E-04	1.33E+00
558121.054160587.13	558121.05	4160587.13	WRKR_39	1.48E+00	1.21E-04	1.48E+00
558131.054160527.13	558131.05	4160527.13	WRKR_40	8.56E-01	1.23E-04	8.56E-01
558131.054160537.13	558131.05	4160537.13	WRKR_41	9.42E-01	1.24E-04	9.42E-01
558131.054160547.13	558131.05	4160547.13	WRKR_42	1.04E+00	1.25E-04	1.04E+00
558131.054160557.13	558131.05	4160557.13	WRKR_43	1.15E+00	1.26E-04	1.15E+00
558131.054160567.13	558131.05	4160567.13	WRKR_44	1.28E+00	1.26E-04	1.28E+00
558131.054160577.13	558131.05	4160577.13	WRKR_45	1.43E+00	1.27E-04	1.43E+00
558131.054160587.13	558131.05	4160587.13	WRKR_46	1.60E+00	1.27E-04	1.60E+00
558131.054160597.13	558131.05	4160597.13	WRKR_47	1.79E+00	1.27E-04	1.79E+00
558141.054160527.13	558141.05	4160527.13	WRKR_48	8.92E-01	1.29E-04	8.92E-01
558141.054160537.13	558141.05	4160537.13	WRKR_49	9.85E-01	1.30E-04	9.86E-01
558141.054160547.13	558141.05	4160547.13	WRKR_50	1.09E+00	1.31E-04	1.09E+00
558141.054160557.13	558141.05	4160557.13	WRKR_51	1.22E+00	1.32E-04	1.22E+00
558141.054160567.13	558141.05	4160567.13	WRKR_52	1.36E+00	1.33E-04	1.36E+00
558141.054160577.13	558141.05	4160577.13	WRKR_53	1.53E+00	1.34E-04	1.53E+00

Cancer Risk worker - offsite				16<30 Cancer Risk (cases per million)		Total Cancer Risk (cases per million)
XY	X	Y	Receptor Type	OFFROAD	ONROAD	
558141.054160587.13	558141.05	4160587.13	WRKR_54	1.72E+00	1.34E-04	1.72E+00
558141.054160597.13	558141.05	4160597.13	WRKR_55	1.94E+00	1.34E-04	1.94E+00
558141.054160607.13	558141.05	4160607.13	WRKR_56	2.19E+00	1.34E-04	2.19E+00
558151.054160537.13	558151.05	4160537.13	WRKR_57	1.03E+00	1.37E-04	1.03E+00
558151.054160547.13	558151.05	4160547.13	WRKR_58	1.15E+00	1.38E-04	1.15E+00
558151.054160557.13	558151.05	4160557.13	WRKR_59	1.28E+00	1.39E-04	1.28E+00
558151.054160567.13	558151.05	4160567.13	WRKR_60	1.45E+00	1.40E-04	1.45E+00
558151.054160577.13	558151.05	4160577.13	WRKR_61	1.64E+00	1.41E-04	1.64E+00
558151.054160587.13	558151.05	4160587.13	WRKR_62	1.85E+00	1.41E-04	1.85E+00
558151.054160597.13	558151.05	4160597.13	WRKR_63	2.12E+00	1.42E-04	2.12E+00
558151.054160607.13	558151.05	4160607.13	WRKR_64	2.43E+00	1.42E-04	2.43E+00
558151.054160617.13	558151.05	4160617.13	WRKR_65	2.78E+00	1.41E-04	2.78E+00
558161.054160547.13	558161.05	4160547.13	WRKR_66	1.20E+00	1.46E-04	1.21E+00
558161.054160557.13	558161.05	4160557.13	WRKR_67	1.35E+00	1.47E-04	1.35E+00
558161.054160567.13	558161.05	4160567.13	WRKR_68	1.53E+00	1.48E-04	1.53E+00
558161.054160577.13	558161.05	4160577.13	WRKR_69	1.74E+00	1.49E-04	1.74E+00
558161.054160587.13	558161.05	4160587.13	WRKR_70	1.99E+00	1.50E-04	1.99E+00
558161.054160597.13	558161.05	4160597.13	WRKR_71	2.33E+00	1.50E-04	2.33E+00
558161.054160607.13	558161.05	4160607.13	WRKR_72	2.66E+00	1.50E-04	2.66E+00
558171.054160557.13	558171.05	4160557.13	WRKR_73	1.43E+00	1.56E-04	1.43E+00
558171.054160567.13	558171.05	4160567.13	WRKR_74	1.61E+00	1.57E-04	1.61E+00
558171.054160577.13	558171.05	4160577.13	WRKR_75	1.85E+00	1.58E-04	1.85E+00
558171.054160587.13	558171.05	4160587.13	WRKR_76	2.13E+00	1.59E-04	2.13E+00
558171.054160597.13	558171.05	4160597.13	WRKR_77	2.52E+00	1.59E-04	2.52E+00
558181.054160567.13	558181.05	4160567.13	WRKR_78	1.70E+00	1.67E-04	1.70E+00
558181.054160577.13	558181.05	4160577.13	WRKR_79	1.95E+00	1.68E-04	1.95E+00
558181.054160587.13	558181.05	4160587.13	WRKR_80	2.27E+00	1.69E-04	2.27E+00
558191.054160577.13	558191.05	4160577.13	WRKR_81	2.04E+00	1.78E-04	2.04E+00
558368.544160582.33	558368.54	4160582.33	WRKR_82	1.36E+00	1.17E-03	1.36E+00
558378.544160582.33	558378.54	4160582.33	WRKR_83	1.29E+00	1.23E-03	1.29E+00
558378.544160592.33	558378.54	4160592.33	WRKR_84	1.46E+00	1.50E-03	1.46E+00
558378.544160602.33	558378.54	4160602.33	WRKR_85	1.64E+00	1.83E-03	1.64E+00
558378.544160612.33	558378.54	4160612.33	WRKR_86	1.91E+00	2.46E-03	1.92E+00
558388.544160582.33	558388.54	4160582.33	WRKR_87	1.20E+00	1.29E-03	1.21E+00
558388.544160592.33	558388.54	4160592.33	WRKR_88	1.35E+00	1.58E-03	1.35E+00
558388.544160602.33	558388.54	4160602.33	WRKR_89	1.51E+00	1.95E-03	1.52E+00
558388.544160612.33	558388.54	4160612.33	WRKR_90	1.76E+00	1.73E-03	1.76E+00
558398.544160582.33	558398.54	4160582.33	WRKR_91	1.11E+00	1.36E-03	1.11E+00
558398.544160592.33	558398.54	4160592.33	WRKR_92	1.24E+00	1.64E-03	1.24E+00
558398.544160602.33	558398.54	4160602.33	WRKR_93	1.40E+00	2.06E-03	1.40E+00
558398.544160612.33	558398.54	4160612.33	WRKR_94	1.61E+00	1.92E-03	1.61E+00
558186.784160496.28	558186.78	4160496.28	WRKR_95	6.81E-01	1.58E-04	6.81E-01
558186.784160506.28	558186.78	4160506.28	WRKR_96	7.48E-01	1.59E-04	7.48E-01
558196.784160496.28	558196.78	4160496.28	WRKR_97	6.82E-01	1.68E-04	6.82E-01
558196.784160506.28	558196.78	4160506.28	WRKR_98	7.47E-01	1.69E-04	7.47E-01
558196.784160516.28	558196.78	4160516.28	WRKR_99	8.29E-01	1.71E-04	8.29E-01
558196.784160526.28	558196.78	4160526.28	WRKR_100	9.40E-01	1.73E-04	9.41E-01
558206.784160506.28	558206.78	4160506.28	WRKR_101	7.45E-01	1.81E-04	7.45E-01
558206.784160516.28	558206.78	4160516.28	WRKR_102	8.30E-01	1.83E-04	8.30E-01
558206.784160526.28	558206.78	4160526.28	WRKR_103	9.31E-01	1.85E-04	9.31E-01
558206.784160536.28	558206.78	4160536.28	WRKR_104	1.06E+00	1.88E-04	1.06E+00
558216.784160516.28	558216.78	4160516.28	WRKR_105	8.23E-01	1.96E-04	8.24E-01
558216.784160526.28	558216.78	4160526.28	WRKR_106	9.22E-01	1.99E-04	9.22E-01

Cancer Risk worker - offsite				16<30 Cancer Risk (cases per million)		Total Cancer Risk (cases per million)
XY	X	Y	Receptor Type	OFFROAD	ONROAD	
558216.784160536.28	558216.78	4160536.28	WRKR_107	1.04E+00	2.01E-04	1.04E+00
558216.784160546.28	558216.78	4160546.28	WRKR_108	1.19E+00	2.04E-04	1.19E+00
558226.784160526.28	558226.78	4160526.28	WRKR_109	9.09E-01	2.13E-04	9.09E-01
558226.784160536.28	558226.78	4160536.28	WRKR_110	1.03E+00	2.16E-04	1.03E+00
558226.784160546.28	558226.78	4160546.28	WRKR_111	1.18E+00	2.20E-04	1.18E+00
558236.784160536.28	558236.78	4160536.28	WRKR_112	1.00E+00	2.33E-04	1.00E+00
558115.174160402.59	558115.17	4160402.59	WRKR_113	3.15E-01	1.01E-04	3.15E-01
558115.174160412.59	558115.17	4160412.59	WRKR_114	3.36E-01	1.03E-04	3.37E-01
558115.174160422.59	558115.17	4160422.59	WRKR_115	3.60E-01	1.04E-04	3.60E-01
558115.174160432.59	558115.17	4160432.59	WRKR_116	3.85E-01	1.05E-04	3.85E-01
558115.174160442.59	558115.17	4160442.59	WRKR_117	4.13E-01	1.06E-04	4.13E-01
558125.174160392.59	558125.17	4160392.59	WRKR_118	2.98E-01	1.05E-04	2.98E-01
558125.174160402.59	558125.17	4160402.59	WRKR_119	3.18E-01	1.06E-04	3.19E-01
558125.174160412.59	558125.17	4160412.59	WRKR_120	3.41E-01	1.07E-04	3.41E-01
558125.174160422.59	558125.17	4160422.59	WRKR_121	3.65E-01	1.08E-04	3.65E-01
558125.174160432.59	558125.17	4160432.59	WRKR_122	3.91E-01	1.09E-04	3.91E-01
558125.174160442.59	558125.17	4160442.59	WRKR_123	4.20E-01	1.10E-04	4.20E-01
558135.174160372.59	558135.17	4160372.59	WRKR_124	2.64E-01	1.06E-04	2.64E-01
558135.174160382.59	558135.17	4160382.59	WRKR_125	2.81E-01	1.08E-04	2.81E-01
558135.174160392.59	558135.17	4160392.59	WRKR_126	3.00E-01	1.09E-04	3.00E-01
558135.174160402.59	558135.17	4160402.59	WRKR_127	3.21E-01	1.10E-04	3.21E-01
558135.174160412.59	558135.17	4160412.59	WRKR_128	3.43E-01	1.12E-04	3.44E-01
558135.174160422.59	558135.17	4160422.59	WRKR_129	3.68E-01	1.13E-04	3.68E-01
558135.174160432.59	558135.17	4160432.59	WRKR_130	3.96E-01	1.14E-04	3.96E-01
558135.174160442.59	558135.17	4160442.59	WRKR_131	4.26E-01	1.15E-04	4.26E-01
558145.174160372.59	558145.17	4160372.59	WRKR_132	2.64E-01	1.11E-04	2.64E-01
558145.174160382.59	558145.17	4160382.59	WRKR_133	2.81E-01	1.12E-04	2.81E-01
558145.174160392.59	558145.17	4160392.59	WRKR_134	3.01E-01	1.14E-04	3.01E-01
558145.174160402.59	558145.17	4160402.59	WRKR_135	3.22E-01	1.15E-04	3.22E-01
558145.174160412.59	558145.17	4160412.59	WRKR_136	3.45E-01	1.16E-04	3.45E-01
558145.174160422.59	558145.17	4160422.59	WRKR_137	3.71E-01	1.18E-04	3.71E-01
558145.174160432.59	558145.17	4160432.59	WRKR_138	3.99E-01	1.19E-04	3.99E-01
558145.174160442.59	558145.17	4160442.59	WRKR_139	4.30E-01	1.21E-04	4.30E-01
558155.174160372.59	558155.17	4160372.59	WRKR_140	2.63E-01	1.15E-04	2.63E-01
558155.174160382.59	558155.17	4160382.59	WRKR_141	2.80E-01	1.17E-04	2.81E-01
558155.174160392.59	558155.17	4160392.59	WRKR_142	3.00E-01	1.18E-04	3.00E-01
558155.174160402.59	558155.17	4160402.59	WRKR_143	3.21E-01	1.20E-04	3.21E-01
558155.174160412.59	558155.17	4160412.59	WRKR_144	3.45E-01	1.22E-04	3.45E-01
558155.174160422.59	558155.17	4160422.59	WRKR_145	3.71E-01	1.23E-04	3.71E-01
558155.174160432.59	558155.17	4160432.59	WRKR_146	4.00E-01	1.25E-04	4.00E-01
558155.174160442.59	558155.17	4160442.59	WRKR_147	4.32E-01	1.27E-04	4.32E-01
558165.174160362.59	558165.17	4160362.59	WRKR_148	2.45E-01	1.18E-04	2.45E-01
558165.174160372.59	558165.17	4160372.59	WRKR_149	2.61E-01	1.20E-04	2.61E-01
558165.174160382.59	558165.17	4160382.59	WRKR_150	2.79E-01	1.22E-04	2.79E-01
558165.174160392.59	558165.17	4160392.59	WRKR_151	2.98E-01	1.24E-04	2.98E-01
558165.174160402.59	558165.17	4160402.59	WRKR_152	3.20E-01	1.26E-04	3.20E-01
558165.174160412.59	558165.17	4160412.59	WRKR_153	3.44E-01	1.27E-04	3.44E-01
558165.174160422.59	558165.17	4160422.59	WRKR_154	3.70E-01	1.29E-04	3.70E-01
558165.174160432.59	558165.17	4160432.59	WRKR_155	4.00E-01	1.31E-04	4.00E-01
558175.174160362.59	558175.17	4160362.59	WRKR_156	2.42E-01	1.23E-04	2.42E-01
558175.174160372.59	558175.17	4160372.59	WRKR_157	2.58E-01	1.25E-04	2.58E-01
558175.174160382.59	558175.17	4160382.59	WRKR_158	2.76E-01	1.27E-04	2.76E-01
558175.174160392.59	558175.17	4160392.59	WRKR_159	2.95E-01	1.29E-04	2.95E-01

Cancer Risk worker - offsite				16<30 Cancer Risk (cases per million)		Total Cancer Risk (cases per million)
XY	X	Y	Receptor Type	OFFROAD	ONROAD	
558175.174160402.59	558175.17	4160402.59	WRKR_160	3.17E-01	1.31E-04	3.17E-01
558175.174160412.59	558175.17	4160412.59	WRKR_161	3.41E-01	1.33E-04	3.41E-01
558175.174160422.59	558175.17	4160422.59	WRKR_162	3.68E-01	1.35E-04	3.68E-01
558185.174160362.59	558185.17	4160362.59	WRKR_163	2.38E-01	1.29E-04	2.39E-01
558185.174160372.59	558185.17	4160372.59	WRKR_164	2.54E-01	1.31E-04	2.55E-01
558185.174160382.59	558185.17	4160382.59	WRKR_165	2.72E-01	1.33E-04	2.72E-01
558185.174160392.59	558185.17	4160392.59	WRKR_166	2.91E-01	1.35E-04	2.92E-01
558185.174160402.59	558185.17	4160402.59	WRKR_167	3.13E-01	1.38E-04	3.13E-01
558185.174160412.59	558185.17	4160412.59	WRKR_168	3.37E-01	1.40E-04	3.37E-01
558185.174160422.59	558185.17	4160422.59	WRKR_169	3.63E-01	1.42E-04	3.63E-01
558185.174160432.59	558185.17	4160432.59	WRKR_170	3.93E-01	1.44E-04	3.93E-01
558185.174160442.59	558185.17	4160442.59	WRKR_171	4.25E-01	1.46E-04	4.26E-01
558195.174160362.59	558195.17	4160362.59	WRKR_172	2.35E-01	1.34E-04	2.35E-01
558195.174160372.59	558195.17	4160372.59	WRKR_173	2.50E-01	1.37E-04	2.50E-01
558195.174160382.59	558195.17	4160382.59	WRKR_174	2.68E-01	1.39E-04	2.68E-01
558195.174160392.59	558195.17	4160392.59	WRKR_175	2.87E-01	1.42E-04	2.87E-01
558195.174160402.59	558195.17	4160402.59	WRKR_176	3.08E-01	1.44E-04	3.08E-01
558195.174160412.59	558195.17	4160412.59	WRKR_177	3.32E-01	1.47E-04	3.32E-01
558195.174160422.59	558195.17	4160422.59	WRKR_178	3.58E-01	1.49E-04	3.58E-01
558195.174160432.59	558195.17	4160432.59	WRKR_179	3.87E-01	1.52E-04	3.87E-01
558195.174160442.59	558195.17	4160442.59	WRKR_180	4.19E-01	1.54E-04	4.19E-01
558195.174160452.59	558195.17	4160452.59	WRKR_181	4.54E-01	1.56E-04	4.54E-01
558205.174160362.59	558205.17	4160362.59	WRKR_182	2.30E-01	1.40E-04	2.30E-01
558205.174160372.59	558205.17	4160372.59	WRKR_183	2.45E-01	1.43E-04	2.46E-01
558205.174160382.59	558205.17	4160382.59	WRKR_184	2.63E-01	1.45E-04	2.63E-01
558205.174160392.59	558205.17	4160392.59	WRKR_185	2.81E-01	1.48E-04	2.82E-01
558205.174160402.59	558205.17	4160402.59	WRKR_186	3.02E-01	1.51E-04	3.03E-01
558205.174160412.59	558205.17	4160412.59	WRKR_187	3.25E-01	1.54E-04	3.26E-01
558205.174160422.59	558205.17	4160422.59	WRKR_188	3.51E-01	1.57E-04	3.51E-01
558205.174160432.59	558205.17	4160432.59	WRKR_189	3.80E-01	1.59E-04	3.80E-01
558205.174160442.59	558205.17	4160442.59	WRKR_190	4.12E-01	1.62E-04	4.12E-01
558205.174160452.59	558205.17	4160452.59	WRKR_191	4.46E-01	1.65E-04	4.46E-01
558205.174160462.59	558205.17	4160462.59	WRKR_192	4.86E-01	1.67E-04	4.86E-01
558215.174160362.59	558215.17	4160362.59	WRKR_193	2.25E-01	1.46E-04	2.25E-01
558215.174160372.59	558215.17	4160372.59	WRKR_194	2.40E-01	1.49E-04	2.40E-01
558215.174160382.59	558215.17	4160382.59	WRKR_195	2.57E-01	1.52E-04	2.57E-01
558215.174160392.59	558215.17	4160392.59	WRKR_196	2.75E-01	1.55E-04	2.76E-01
558215.174160402.59	558215.17	4160402.59	WRKR_197	2.96E-01	1.58E-04	2.96E-01
558215.174160412.59	558215.17	4160412.59	WRKR_198	3.19E-01	1.62E-04	3.19E-01
558215.174160422.59	558215.17	4160422.59	WRKR_199	3.43E-01	1.65E-04	3.43E-01
558215.174160432.59	558215.17	4160432.59	WRKR_200	3.71E-01	1.68E-04	3.71E-01
558215.174160442.59	558215.17	4160442.59	WRKR_201	4.03E-01	1.71E-04	4.03E-01
558215.174160452.59	558215.17	4160452.59	WRKR_202	4.38E-01	1.74E-04	4.39E-01
558215.174160462.59	558215.17	4160462.59	WRKR_203	4.76E-01	1.77E-04	4.76E-01
558215.174160472.59	558215.17	4160472.59	WRKR_204	5.21E-01	1.80E-04	5.21E-01
558225.174160362.59	558225.17	4160362.59	WRKR_205	2.20E-01	1.53E-04	2.20E-01
558225.174160372.59	558225.17	4160372.59	WRKR_206	2.35E-01	1.56E-04	2.35E-01
558225.174160382.59	558225.17	4160382.59	WRKR_207	2.51E-01	1.59E-04	2.51E-01
558225.174160392.59	558225.17	4160392.59	WRKR_208	2.69E-01	1.63E-04	2.69E-01
558225.174160402.59	558225.17	4160402.59	WRKR_209	2.89E-01	1.66E-04	2.89E-01
558225.174160412.59	558225.17	4160412.59	WRKR_210	3.11E-01	1.69E-04	3.11E-01
558225.174160422.59	558225.17	4160422.59	WRKR_211	3.35E-01	1.73E-04	3.35E-01
558225.174160432.59	558225.17	4160432.59	WRKR_212	3.62E-01	1.77E-04	3.62E-01

Cancer Risk worker - offsite				16<30 Cancer Risk (cases per million)		Total Cancer Risk (cases per million)
XY	X	Y	Receptor Type	OFFROAD	ONROAD	
558225.174160442.59	558225.17	4160442.59	WRKR_213	3.93E-01	1.80E-04	3.93E-01
558225.174160452.59	558225.17	4160452.59	WRKR_214	4.27E-01	1.84E-04	4.27E-01
558225.174160462.59	558225.17	4160462.59	WRKR_215	4.66E-01	1.88E-04	4.66E-01
558225.174160472.59	558225.17	4160472.59	WRKR_216	5.09E-01	1.91E-04	5.10E-01
558225.174160482.59	558225.17	4160482.59	WRKR_217	5.58E-01	1.95E-04	5.59E-01
558235.174160362.59	558235.17	4160362.59	WRKR_218	2.15E-01	1.59E-04	2.15E-01
558235.174160372.59	558235.17	4160372.59	WRKR_219	2.29E-01	1.63E-04	2.29E-01
558235.174160382.59	558235.17	4160382.59	WRKR_220	2.45E-01	1.67E-04	2.45E-01
558235.174160392.59	558235.17	4160392.59	WRKR_221	2.62E-01	1.70E-04	2.62E-01
558235.174160402.59	558235.17	4160402.59	WRKR_222	2.81E-01	1.74E-04	2.82E-01
558235.174160412.59	558235.17	4160412.59	WRKR_223	3.03E-01	1.78E-04	3.03E-01
558235.174160422.59	558235.17	4160422.59	WRKR_224	3.26E-01	1.82E-04	3.27E-01
558235.174160432.59	558235.17	4160432.59	WRKR_225	3.53E-01	1.86E-04	3.53E-01
558235.174160442.59	558235.17	4160442.59	WRKR_226	3.82E-01	1.90E-04	3.82E-01
558235.174160452.59	558235.17	4160452.59	WRKR_227	4.16E-01	1.94E-04	4.16E-01
558235.174160462.59	558235.17	4160462.59	WRKR_228	4.54E-01	1.99E-04	4.54E-01
558235.174160472.59	558235.17	4160472.59	WRKR_229	4.97E-01	2.03E-04	4.98E-01
558235.174160482.59	558235.17	4160482.59	WRKR_230	5.45E-01	2.07E-04	5.45E-01
558235.174160492.59	558235.17	4160492.59	WRKR_231	5.99E-01	2.11E-04	6.00E-01
558245.174160362.59	558245.17	4160362.59	WRKR_232	2.09E-01	1.66E-04	2.09E-01
558245.174160372.59	558245.17	4160372.59	WRKR_233	2.23E-01	1.70E-04	2.23E-01
558245.174160382.59	558245.17	4160382.59	WRKR_234	2.38E-01	1.74E-04	2.38E-01
558245.174160392.59	558245.17	4160392.59	WRKR_235	2.55E-01	1.78E-04	2.55E-01
558245.174160402.59	558245.17	4160402.59	WRKR_236	2.74E-01	1.83E-04	2.74E-01
558245.174160412.59	558245.17	4160412.59	WRKR_237	2.94E-01	1.87E-04	2.95E-01
558245.174160422.59	558245.17	4160422.59	WRKR_238	3.17E-01	1.91E-04	3.17E-01
558245.174160432.59	558245.17	4160432.59	WRKR_239	3.43E-01	1.96E-04	3.43E-01
558245.174160442.59	558245.17	4160442.59	WRKR_240	3.71E-01	2.01E-04	3.72E-01
558245.174160452.59	558245.17	4160452.59	WRKR_241	4.04E-01	2.06E-04	4.04E-01
558245.174160462.59	558245.17	4160462.59	WRKR_242	4.41E-01	2.11E-04	4.41E-01
558245.174160472.59	558245.17	4160472.59	WRKR_243	4.83E-01	2.16E-04	4.83E-01
558245.174160482.59	558245.17	4160482.59	WRKR_244	5.31E-01	2.21E-04	5.31E-01
558245.174160492.59	558245.17	4160492.59	WRKR_245	5.85E-01	2.26E-04	5.85E-01
558245.174160502.59	558245.17	4160502.59	WRKR_246	6.46E-01	2.30E-04	6.46E-01
558255.174160362.59	558255.17	4160362.59	WRKR_247	2.03E-01	1.73E-04	2.03E-01
558255.174160372.59	558255.17	4160372.59	WRKR_248	2.17E-01	1.78E-04	2.17E-01
558255.174160382.59	558255.17	4160382.59	WRKR_249	2.31E-01	1.82E-04	2.32E-01
558255.174160392.59	558255.17	4160392.59	WRKR_250	2.48E-01	1.87E-04	2.48E-01
558255.174160402.59	558255.17	4160402.59	WRKR_251	2.66E-01	1.92E-04	2.66E-01
558255.174160412.59	558255.17	4160412.59	WRKR_252	2.86E-01	1.97E-04	2.86E-01
558255.174160422.59	558255.17	4160422.59	WRKR_253	3.08E-01	2.02E-04	3.08E-01
558255.174160432.59	558255.17	4160432.59	WRKR_254	3.33E-01	2.07E-04	3.33E-01
558255.174160442.59	558255.17	4160442.59	WRKR_255	3.61E-01	2.12E-04	3.61E-01
558255.174160452.59	558255.17	4160452.59	WRKR_256	3.92E-01	2.18E-04	3.92E-01
558255.174160462.59	558255.17	4160462.59	WRKR_257	4.28E-01	2.23E-04	4.28E-01
558255.174160472.59	558255.17	4160472.59	WRKR_258	4.68E-01	2.29E-04	4.68E-01
558255.174160482.59	558255.17	4160482.59	WRKR_259	5.15E-01	2.35E-04	5.15E-01
558255.174160492.59	558255.17	4160492.59	WRKR_260	5.69E-01	2.41E-04	5.70E-01
558255.174160502.59	558255.17	4160502.59	WRKR_261	6.29E-01	2.47E-04	6.30E-01
558255.174160512.59	558255.17	4160512.59	WRKR_262	6.99E-01	2.52E-04	6.99E-01
558265.174160362.59	558265.17	4160362.59	WRKR_263	1.97E-01	1.81E-04	1.97E-01
558265.174160372.59	558265.17	4160372.59	WRKR_264	2.10E-01	1.86E-04	2.10E-01
558265.174160382.59	558265.17	4160382.59	WRKR_265	2.25E-01	1.91E-04	2.25E-01

Cancer Risk worker - offsite				16<30 Cancer Risk (cases per million)		Total Cancer Risk (cases per million)
XY	X	Y	Receptor Type	OFFROAD	ONROAD	
558265.174160392.59	558265.17	4160392.59	WRKR_266	2.40E-01	1.96E-04	2.41E-01
558265.174160402.59	558265.17	4160402.59	WRKR_267	2.58E-01	2.01E-04	2.58E-01
558265.174160412.59	558265.17	4160412.59	WRKR_268	2.77E-01	2.06E-04	2.77E-01
558265.174160422.59	558265.17	4160422.59	WRKR_269	2.99E-01	2.12E-04	2.99E-01
558265.174160432.59	558265.17	4160432.59	WRKR_270	3.23E-01	2.18E-04	3.23E-01
558265.174160442.59	558265.17	4160442.59	WRKR_271	3.50E-01	2.24E-04	3.50E-01
558265.174160452.59	558265.17	4160452.59	WRKR_272	3.80E-01	2.30E-04	3.80E-01
558265.174160462.59	558265.17	4160462.59	WRKR_273	4.14E-01	2.37E-04	4.15E-01
558265.174160472.59	558265.17	4160472.59	WRKR_274	4.54E-01	2.43E-04	4.54E-01
558265.174160482.59	558265.17	4160482.59	WRKR_275	5.00E-01	2.50E-04	5.00E-01
558265.174160492.59	558265.17	4160492.59	WRKR_276	5.53E-01	2.58E-04	5.53E-01
558265.174160502.59	558265.17	4160502.59	WRKR_277	6.15E-01	2.65E-04	6.15E-01
558265.174160512.59	558265.17	4160512.59	WRKR_278	6.84E-01	2.72E-04	6.85E-01
558265.174160522.59	558265.17	4160522.59	WRKR_279	7.67E-01	2.79E-04	7.67E-01
558275.174160362.59	558275.17	4160362.59	WRKR_280	1.91E-01	1.89E-04	1.91E-01
558275.174160372.59	558275.17	4160372.59	WRKR_281	2.04E-01	1.94E-04	2.04E-01
558275.174160382.59	558275.17	4160382.59	WRKR_282	2.18E-01	1.99E-04	2.18E-01
558275.174160392.59	558275.17	4160392.59	WRKR_283	2.33E-01	2.05E-04	2.33E-01
558275.174160402.59	558275.17	4160402.59	WRKR_284	2.50E-01	2.11E-04	2.50E-01
558275.174160412.59	558275.17	4160412.59	WRKR_285	2.69E-01	2.17E-04	2.69E-01
558275.174160422.59	558275.17	4160422.59	WRKR_286	2.89E-01	2.23E-04	2.90E-01
558275.174160432.59	558275.17	4160432.59	WRKR_287	3.13E-01	2.30E-04	3.13E-01
558275.174160442.59	558275.17	4160442.59	WRKR_288	3.39E-01	2.36E-04	3.39E-01
558275.174160452.59	558275.17	4160452.59	WRKR_289	3.68E-01	2.43E-04	3.69E-01
558275.174160462.59	558275.17	4160462.59	WRKR_290	4.02E-01	2.51E-04	4.02E-01
558275.174160472.59	558275.17	4160472.59	WRKR_291	4.41E-01	2.59E-04	4.41E-01
558275.174160482.59	558275.17	4160482.59	WRKR_292	4.85E-01	2.67E-04	4.86E-01
558275.174160492.59	558275.17	4160492.59	WRKR_293	5.37E-01	2.75E-04	5.37E-01
558275.174160502.59	558275.17	4160502.59	WRKR_294	5.98E-01	2.84E-04	5.99E-01
558275.174160512.59	558275.17	4160512.59	WRKR_295	6.72E-01	2.94E-04	6.72E-01
558275.174160522.59	558275.17	4160522.59	WRKR_296	7.57E-01	3.03E-04	7.57E-01
558275.174160532.59	558275.17	4160532.59	WRKR_297	8.57E-01	3.12E-04	8.58E-01
558285.174160362.59	558285.17	4160362.59	WRKR_298	1.85E-01	1.97E-04	1.85E-01
558285.174160372.59	558285.17	4160372.59	WRKR_299	1.97E-01	2.03E-04	1.98E-01
558285.174160382.59	558285.17	4160382.59	WRKR_300	2.11E-01	2.08E-04	2.11E-01
558285.174160392.59	558285.17	4160392.59	WRKR_301	2.25E-01	2.15E-04	2.26E-01
558285.174160402.59	558285.17	4160402.59	WRKR_302	2.42E-01	2.21E-04	2.42E-01
558285.174160412.59	558285.17	4160412.59	WRKR_303	2.60E-01	2.28E-04	2.60E-01
558285.174160422.59	558285.17	4160422.59	WRKR_304	2.80E-01	2.35E-04	2.81E-01
558285.174160432.59	558285.17	4160432.59	WRKR_305	3.03E-01	2.42E-04	3.03E-01
558285.174160442.59	558285.17	4160442.59	WRKR_306	3.28E-01	2.49E-04	3.29E-01
558285.174160452.59	558285.17	4160452.59	WRKR_307	3.57E-01	2.57E-04	3.57E-01
558285.174160462.59	558285.17	4160462.59	WRKR_308	3.90E-01	2.66E-04	3.91E-01
558285.174160472.59	558285.17	4160472.59	WRKR_309	4.28E-01	2.75E-04	4.28E-01
558285.174160482.59	558285.17	4160482.59	WRKR_310	4.71E-01	2.84E-04	4.72E-01
558285.174160492.59	558285.17	4160492.59	WRKR_311	5.22E-01	2.94E-04	5.22E-01
558285.174160502.59	558285.17	4160502.59	WRKR_312	5.83E-01	3.05E-04	5.83E-01
558285.174160512.59	558285.17	4160512.59	WRKR_313	6.56E-01	3.17E-04	6.57E-01
558285.174160522.59	558285.17	4160522.59	WRKR_314	7.43E-01	3.28E-04	7.44E-01
558285.174160532.59	558285.17	4160532.59	WRKR_315	8.46E-01	3.39E-04	8.46E-01
558295.174160362.59	558295.17	4160362.59	WRKR_316	1.79E-01	2.05E-04	1.79E-01
558295.174160372.59	558295.17	4160372.59	WRKR_317	1.91E-01	2.11E-04	1.91E-01
558295.174160382.59	558295.17	4160382.59	WRKR_318	2.04E-01	2.18E-04	2.04E-01

Cancer Risk worker - offsite				16<30 Cancer Risk (cases per million)		Total Cancer Risk (cases per million)
XY	X	Y	Receptor Type	OFFROAD	ONROAD	
558295.174160392.59	558295.17	4160392.59	WRKR_319	2.18E-01	2.24E-04	2.18E-01
558295.174160402.59	558295.17	4160402.59	WRKR_320	2.34E-01	2.31E-04	2.34E-01
558295.174160412.59	558295.17	4160412.59	WRKR_321	2.51E-01	2.39E-04	2.52E-01
558295.174160422.59	558295.17	4160422.59	WRKR_322	2.71E-01	2.46E-04	2.71E-01
558295.174160432.59	558295.17	4160432.59	WRKR_323	2.93E-01	2.55E-04	2.94E-01
558295.174160442.59	558295.17	4160442.59	WRKR_324	3.18E-01	2.63E-04	3.18E-01
558295.174160452.59	558295.17	4160452.59	WRKR_325	3.46E-01	2.72E-04	3.47E-01
558295.174160462.59	558295.17	4160462.59	WRKR_326	3.79E-01	2.82E-04	3.79E-01
558295.174160472.59	558295.17	4160472.59	WRKR_327	4.16E-01	2.92E-04	4.16E-01
558295.174160482.59	558295.17	4160482.59	WRKR_328	4.59E-01	3.03E-04	4.59E-01
558295.174160492.59	558295.17	4160492.59	WRKR_329	5.09E-01	3.15E-04	5.09E-01
558295.174160502.59	558295.17	4160502.59	WRKR_330	5.69E-01	3.27E-04	5.69E-01
558295.174160512.59	558295.17	4160512.59	WRKR_331	6.42E-01	3.41E-04	6.42E-01
558295.174160522.59	558295.17	4160522.59	WRKR_332	7.29E-01	3.56E-04	7.30E-01
558295.174160532.59	558295.17	4160532.59	WRKR_333	8.33E-01	3.70E-04	8.33E-01
558305.174160362.59	558305.17	4160362.59	WRKR_334	1.73E-01	2.14E-04	1.73E-01
558305.174160372.59	558305.17	4160372.59	WRKR_335	1.84E-01	2.21E-04	1.85E-01
558305.174160382.59	558305.17	4160382.59	WRKR_336	1.97E-01	2.27E-04	1.97E-01
558305.174160392.59	558305.17	4160392.59	WRKR_337	2.11E-01	2.34E-04	2.11E-01
558305.174160402.59	558305.17	4160402.59	WRKR_338	2.26E-01	2.41E-04	2.26E-01
558305.174160412.59	558305.17	4160412.59	WRKR_339	2.43E-01	2.49E-04	2.43E-01
558305.174160422.59	558305.17	4160422.59	WRKR_340	2.62E-01	2.58E-04	2.62E-01
558305.174160432.59	558305.17	4160432.59	WRKR_341	2.84E-01	2.67E-04	2.84E-01
558305.174160442.59	558305.17	4160442.59	WRKR_342	3.08E-01	2.77E-04	3.08E-01
558305.174160452.59	558305.17	4160452.59	WRKR_343	3.36E-01	2.87E-04	3.36E-01
558305.174160462.59	558305.17	4160462.59	WRKR_344	3.67E-01	2.98E-04	3.68E-01
558305.174160472.59	558305.17	4160472.59	WRKR_345	4.04E-01	3.10E-04	4.04E-01
558305.174160482.59	558305.17	4160482.59	WRKR_346	4.47E-01	3.22E-04	4.47E-01
558305.174160492.59	558305.17	4160492.59	WRKR_347	4.97E-01	3.36E-04	4.97E-01
558305.174160502.59	558305.17	4160502.59	WRKR_348	5.56E-01	3.51E-04	5.57E-01
558305.174160512.59	558305.17	4160512.59	WRKR_349	6.29E-01	3.67E-04	6.29E-01
558305.174160522.59	558305.17	4160522.59	WRKR_350	7.17E-01	3.85E-04	7.17E-01
558305.174160532.59	558305.17	4160532.59	WRKR_351	8.20E-01	4.04E-04	8.21E-01
558315.174160362.59	558315.17	4160362.59	WRKR_352	1.67E-01	2.23E-04	1.68E-01
558315.174160372.59	558315.17	4160372.59	WRKR_353	1.78E-01	2.30E-04	1.78E-01
558315.174160382.59	558315.17	4160382.59	WRKR_354	1.90E-01	2.37E-04	1.90E-01
558315.174160392.59	558315.17	4160392.59	WRKR_355	2.03E-01	2.44E-04	2.04E-01
558315.174160402.59	558315.17	4160402.59	WRKR_356	2.18E-01	2.52E-04	2.19E-01
558315.174160412.59	558315.17	4160412.59	WRKR_357	2.35E-01	2.61E-04	2.35E-01
558315.174160422.59	558315.17	4160422.59	WRKR_358	2.53E-01	2.70E-04	2.54E-01
558315.174160432.59	558315.17	4160432.59	WRKR_359	2.74E-01	2.80E-04	2.75E-01
558315.174160442.59	558315.17	4160442.59	WRKR_360	2.98E-01	2.91E-04	2.98E-01
558315.174160452.59	558315.17	4160452.59	WRKR_361	3.25E-01	3.02E-04	3.25E-01
558315.174160462.59	558315.17	4160462.59	WRKR_362	3.56E-01	3.15E-04	3.57E-01
558315.174160472.59	558315.17	4160472.59	WRKR_363	3.93E-01	3.28E-04	3.93E-01
558315.174160482.59	558315.17	4160482.59	WRKR_364	4.35E-01	3.42E-04	4.35E-01
558315.174160492.59	558315.17	4160492.59	WRKR_365	4.85E-01	3.58E-04	4.86E-01
558315.174160502.59	558315.17	4160502.59	WRKR_366	5.45E-01	3.75E-04	5.45E-01
558315.174160512.59	558315.17	4160512.59	WRKR_367	6.17E-01	3.95E-04	6.18E-01
558315.174160522.59	558315.17	4160522.59	WRKR_368	7.04E-01	4.17E-04	7.05E-01
558315.174160532.59	558315.17	4160532.59	WRKR_369	8.06E-01	4.39E-04	8.07E-01
558325.174160362.59	558325.17	4160362.59	WRKR_370	1.62E-01	2.32E-04	1.62E-01
558325.174160372.59	558325.17	4160372.59	WRKR_371	1.72E-01	2.39E-04	1.72E-01

Cancer Risk worker - offsite				16<30 Cancer Risk (cases per million)		Total Cancer Risk (cases per million)
XY	X	Y	Receptor Type	OFFROAD	ONROAD	
558325.174160382.59	558325.17	4160382.59	WRKR_372	1.84E-01	2.47E-04	1.84E-01
558325.174160392.59	558325.17	4160392.59	WRKR_373	1.96E-01	2.55E-04	1.97E-01
558325.174160402.59	558325.17	4160402.59	WRKR_374	2.11E-01	2.64E-04	2.11E-01
558325.174160412.59	558325.17	4160412.59	WRKR_375	2.27E-01	2.73E-04	2.27E-01
558325.174160422.59	558325.17	4160422.59	WRKR_376	2.45E-01	2.83E-04	2.45E-01
558325.174160432.59	558325.17	4160432.59	WRKR_377	2.65E-01	2.94E-04	2.66E-01
558325.174160442.59	558325.17	4160442.59	WRKR_378	2.88E-01	3.05E-04	2.89E-01
558325.174160452.59	558325.17	4160452.59	WRKR_379	3.15E-01	3.18E-04	3.15E-01
558325.174160462.59	558325.17	4160462.59	WRKR_380	3.46E-01	3.31E-04	3.46E-01
558325.174160472.59	558325.17	4160472.59	WRKR_381	3.82E-01	3.46E-04	3.82E-01
558325.174160482.59	558325.17	4160482.59	WRKR_382	4.24E-01	3.62E-04	4.24E-01
558325.174160492.59	558325.17	4160492.59	WRKR_383	4.74E-01	3.80E-04	4.74E-01
558325.174160502.59	558325.17	4160502.59	WRKR_384	5.34E-01	4.01E-04	5.34E-01
558325.174160512.59	558325.17	4160512.59	WRKR_385	6.05E-01	4.23E-04	6.06E-01
558325.174160522.59	558325.17	4160522.59	WRKR_386	6.91E-01	4.49E-04	6.91E-01
558325.174160532.59	558325.17	4160532.59	WRKR_387	7.90E-01	4.76E-04	7.91E-01
558335.174160362.59	558335.17	4160362.59	WRKR_388	1.56E-01	2.41E-04	1.56E-01
558335.174160372.59	558335.17	4160372.59	WRKR_389	1.66E-01	2.49E-04	1.66E-01
558335.174160382.59	558335.17	4160382.59	WRKR_390	1.77E-01	2.57E-04	1.78E-01
558335.174160392.59	558335.17	4160392.59	WRKR_391	1.90E-01	2.66E-04	1.90E-01
558335.174160402.59	558335.17	4160402.59	WRKR_392	2.04E-01	2.75E-04	2.04E-01
558335.174160412.59	558335.17	4160412.59	WRKR_393	2.19E-01	2.85E-04	2.19E-01
558335.174160422.59	558335.17	4160422.59	WRKR_394	2.37E-01	2.96E-04	2.37E-01
558335.174160432.59	558335.17	4160432.59	WRKR_395	2.57E-01	3.07E-04	2.57E-01
558335.174160442.59	558335.17	4160442.59	WRKR_396	2.80E-01	3.20E-04	2.80E-01
558335.174160452.59	558335.17	4160452.59	WRKR_397	3.06E-01	3.33E-04	3.06E-01
558335.174160462.59	558335.17	4160462.59	WRKR_398	3.36E-01	3.48E-04	3.36E-01
558335.174160472.59	558335.17	4160472.59	WRKR_399	3.72E-01	3.64E-04	3.72E-01
558335.174160482.59	558335.17	4160482.59	WRKR_400	4.13E-01	3.82E-04	4.14E-01
558335.174160492.59	558335.17	4160492.59	WRKR_401	4.63E-01	4.03E-04	4.63E-01
558335.174160502.59	558335.17	4160502.59	WRKR_402	5.22E-01	4.26E-04	5.23E-01
558335.174160512.59	558335.17	4160512.59	WRKR_403	5.93E-01	4.52E-04	5.93E-01
558335.174160522.59	558335.17	4160522.59	WRKR_404	6.76E-01	4.81E-04	6.77E-01
558335.174160532.59	558335.17	4160532.59	WRKR_405	7.73E-01	5.14E-04	7.73E-01
558345.174160362.59	558345.17	4160362.59	WRKR_406	1.51E-01	2.50E-04	1.51E-01
558345.174160372.59	558345.17	4160372.59	WRKR_407	1.61E-01	2.59E-04	1.61E-01
558345.174160382.59	558345.17	4160382.59	WRKR_408	1.71E-01	2.68E-04	1.72E-01
558345.174160392.59	558345.17	4160392.59	WRKR_409	1.83E-01	2.77E-04	1.84E-01
558345.174160402.59	558345.17	4160402.59	WRKR_410	1.97E-01	2.87E-04	1.97E-01
558345.174160412.59	558345.17	4160412.59	WRKR_411	2.12E-01	2.97E-04	2.12E-01
558345.174160422.59	558345.17	4160422.59	WRKR_412	2.29E-01	3.09E-04	2.29E-01
558345.174160432.59	558345.17	4160432.59	WRKR_413	2.49E-01	3.21E-04	2.49E-01
558345.174160442.59	558345.17	4160442.59	WRKR_414	2.71E-01	3.33E-04	2.71E-01
558345.174160452.59	558345.17	4160452.59	WRKR_415	2.97E-01	3.48E-04	2.97E-01
558345.174160462.59	558345.17	4160462.59	WRKR_416	3.27E-01	3.65E-04	3.27E-01
558345.174160472.59	558345.17	4160472.59	WRKR_417	3.61E-01	3.82E-04	3.62E-01
558345.174160482.59	558345.17	4160482.59	WRKR_418	4.03E-01	4.02E-04	4.03E-01
558345.174160492.59	558345.17	4160492.59	WRKR_419	4.51E-01	4.24E-04	4.52E-01
558345.174160502.59	558345.17	4160502.59	WRKR_420	5.10E-01	4.50E-04	5.10E-01
558345.174160512.59	558345.17	4160512.59	WRKR_421	5.79E-01	4.79E-04	5.79E-01
558345.174160522.59	558345.17	4160522.59	WRKR_422	6.59E-01	5.12E-04	6.60E-01
558345.174160532.59	558345.17	4160532.59	WRKR_423	7.53E-01	5.50E-04	7.53E-01
558355.174160362.59	558355.17	4160362.59	WRKR_424	1.46E-01	2.60E-04	1.46E-01

Cancer Risk worker - offsite				16<30 Cancer Risk (cases per million)		Total Cancer Risk (cases per million)
XY	X	Y	Receptor Type	OFFROAD	ONROAD	
558355.174160372.59	558355.17	4160372.59	WRKR_425	1.55E-01	2.69E-04	1.56E-01
558355.174160382.59	558355.17	4160382.59	WRKR_426	1.66E-01	2.79E-04	1.66E-01
558355.174160392.59	558355.17	4160392.59	WRKR_427	1.77E-01	2.89E-04	1.78E-01
558355.174160402.59	558355.17	4160402.59	WRKR_428	1.91E-01	2.99E-04	1.91E-01
558355.174160412.59	558355.17	4160412.59	WRKR_429	2.05E-01	3.10E-04	2.06E-01
558355.174160422.59	558355.17	4160422.59	WRKR_430	2.22E-01	3.22E-04	2.22E-01
558355.174160432.59	558355.17	4160432.59	WRKR_431	2.41E-01	3.35E-04	2.42E-01
558355.174160442.59	558355.17	4160442.59	WRKR_432	2.63E-01	3.49E-04	2.64E-01
558355.174160452.59	558355.17	4160452.59	WRKR_433	2.89E-01	3.64E-04	2.89E-01
558355.174160462.59	558355.17	4160462.59	WRKR_434	3.18E-01	3.81E-04	3.18E-01
558355.174160472.59	558355.17	4160472.59	WRKR_435	3.52E-01	4.00E-04	3.53E-01
558355.174160482.59	558355.17	4160482.59	WRKR_436	3.92E-01	4.21E-04	3.93E-01
558355.174160492.59	558355.17	4160492.59	WRKR_437	4.40E-01	4.45E-04	4.40E-01
558355.174160502.59	558355.17	4160502.59	WRKR_438	4.96E-01	4.72E-04	4.97E-01
558355.174160512.59	558355.17	4160512.59	WRKR_439	5.62E-01	5.04E-04	5.63E-01
558355.174160522.59	558355.17	4160522.59	WRKR_440	6.40E-01	5.41E-04	6.40E-01
558355.174160532.59	558355.17	4160532.59	WRKR_441	7.30E-01	5.85E-04	7.31E-01
558365.174160362.59	558365.17	4160362.59	WRKR_442	1.41E-01	2.71E-04	1.42E-01
558365.174160372.59	558365.17	4160372.59	WRKR_443	1.51E-01	2.81E-04	1.51E-01
558365.174160382.59	558365.17	4160382.59	WRKR_444	1.61E-01	2.90E-04	1.61E-01
558365.174160392.59	558365.17	4160392.59	WRKR_445	1.72E-01	3.01E-04	1.72E-01
558365.174160402.59	558365.17	4160402.59	WRKR_446	1.85E-01	3.12E-04	1.85E-01
558365.174160412.59	558365.17	4160412.59	WRKR_447	1.99E-01	3.24E-04	2.00E-01
558365.174160422.59	558365.17	4160422.59	WRKR_448	2.16E-01	3.36E-04	2.16E-01
558365.174160432.59	558365.17	4160432.59	WRKR_449	2.34E-01	3.49E-04	2.35E-01
558365.174160442.59	558365.17	4160442.59	WRKR_450	2.56E-01	3.64E-04	2.56E-01
558365.174160452.59	558365.17	4160452.59	WRKR_451	2.81E-01	3.80E-04	2.81E-01
558365.174160462.59	558365.17	4160462.59	WRKR_452	3.10E-01	3.98E-04	3.10E-01
558365.174160472.59	558365.17	4160472.59	WRKR_453	3.44E-01	4.18E-04	3.44E-01
558365.174160482.59	558365.17	4160482.59	WRKR_454	3.83E-01	4.40E-04	3.83E-01
558365.174160492.59	558365.17	4160492.59	WRKR_455	4.29E-01	4.66E-04	4.29E-01
558365.174160502.59	558365.17	4160502.59	WRKR_456	4.83E-01	4.95E-04	4.84E-01
558365.174160512.59	558365.17	4160512.59	WRKR_457	5.47E-01	5.29E-04	5.47E-01
558365.174160522.59	558365.17	4160522.59	WRKR_458	6.20E-01	5.68E-04	6.21E-01
558365.174160532.59	558365.17	4160532.59	WRKR_459	7.06E-01	6.16E-04	7.07E-01
558375.174160362.59	558375.17	4160362.59	WRKR_460	1.37E-01	2.83E-04	1.38E-01
558375.174160372.59	558375.17	4160372.59	WRKR_461	1.46E-01	2.93E-04	1.46E-01
558375.174160382.59	558375.17	4160382.59	WRKR_462	1.56E-01	3.03E-04	1.56E-01
558375.174160392.59	558375.17	4160392.59	WRKR_463	1.67E-01	3.13E-04	1.68E-01
558375.174160402.59	558375.17	4160402.59	WRKR_464	1.80E-01	3.25E-04	1.80E-01
558375.174160412.59	558375.17	4160412.59	WRKR_465	1.94E-01	3.38E-04	1.94E-01
558375.174160422.59	558375.17	4160422.59	WRKR_466	2.10E-01	3.50E-04	2.10E-01
558375.174160432.59	558375.17	4160432.59	WRKR_467	2.29E-01	3.65E-04	2.29E-01
558375.174160442.59	558375.17	4160442.59	WRKR_468	2.50E-01	3.80E-04	2.50E-01
558375.174160452.59	558375.17	4160452.59	WRKR_469	2.74E-01	3.97E-04	2.75E-01
558375.174160462.59	558375.17	4160462.59	WRKR_470	3.03E-01	4.16E-04	3.03E-01
558375.174160472.59	558375.17	4160472.59	WRKR_471	3.36E-01	4.37E-04	3.36E-01
558375.174160482.59	558375.17	4160482.59	WRKR_472	3.74E-01	4.60E-04	3.75E-01
558375.174160492.59	558375.17	4160492.59	WRKR_473	4.19E-01	4.87E-04	4.19E-01
558375.174160502.59	558375.17	4160502.59	WRKR_474	4.71E-01	5.17E-04	4.71E-01
558375.174160512.59	558375.17	4160512.59	WRKR_475	5.31E-01	5.53E-04	5.32E-01
558375.174160522.59	558375.17	4160522.59	WRKR_476	6.01E-01	5.96E-04	6.02E-01
558375.174160532.59	558375.17	4160532.59	WRKR_477	6.82E-01	6.47E-04	6.82E-01

Cancer Risk worker - offsite				16<30 Cancer Risk (cases per million)		Total Cancer Risk (cases per million)
XY	X	Y	Receptor Type	OFFROAD	ONROAD	
558385.174160362.59	558385.17	4160362.59	WRKR_478	1.34E-01	2.95E-04	1.34E-01
558385.174160372.59	558385.17	4160372.59	WRKR_479	1.42E-01	3.06E-04	1.43E-01
558385.174160382.59	558385.17	4160382.59	WRKR_480	1.52E-01	3.17E-04	1.52E-01
558385.174160392.59	558385.17	4160392.59	WRKR_481	1.63E-01	3.27E-04	1.63E-01
558385.174160402.59	558385.17	4160402.59	WRKR_482	1.75E-01	3.39E-04	1.76E-01
558385.174160412.59	558385.17	4160412.59	WRKR_483	1.89E-01	3.52E-04	1.90E-01
558385.174160422.59	558385.17	4160422.59	WRKR_484	2.05E-01	3.66E-04	2.06E-01
558385.174160432.59	558385.17	4160432.59	WRKR_485	2.23E-01	3.80E-04	2.24E-01
558385.174160442.59	558385.17	4160442.59	WRKR_486	2.44E-01	3.97E-04	2.45E-01
558385.174160452.59	558385.17	4160452.59	WRKR_487	2.68E-01	4.15E-04	2.69E-01
558385.174160462.59	558385.17	4160462.59	WRKR_488	2.96E-01	4.34E-04	2.97E-01
558385.174160472.59	558385.17	4160472.59	WRKR_489	3.29E-01	4.56E-04	3.29E-01
558385.174160482.59	558385.17	4160482.59	WRKR_490	3.66E-01	4.80E-04	3.67E-01
558385.174160492.59	558385.17	4160492.59	WRKR_491	4.09E-01	5.08E-04	4.10E-01
558385.174160502.59	558385.17	4160502.59	WRKR_492	4.59E-01	5.41E-04	4.60E-01
558385.174160512.59	558385.17	4160512.59	WRKR_493	5.17E-01	5.79E-04	5.17E-01
558385.174160522.59	558385.17	4160522.59	WRKR_494	5.83E-01	6.23E-04	5.83E-01
558385.174160532.59	558385.17	4160532.59	WRKR_495	6.58E-01	6.78E-04	6.59E-01
558395.174160362.59	558395.17	4160362.59	WRKR_496	1.30E-01	3.07E-04	1.31E-01
558395.174160372.59	558395.17	4160372.59	WRKR_497	1.39E-01	3.18E-04	1.39E-01
558395.174160382.59	558395.17	4160382.59	WRKR_498	1.49E-01	3.29E-04	1.49E-01
558395.174160392.59	558395.17	4160392.59	WRKR_499	1.59E-01	3.41E-04	1.60E-01
558395.174160402.59	558395.17	4160402.59	WRKR_500	1.72E-01	3.53E-04	1.72E-01
558395.174160412.59	558395.17	4160412.59	WRKR_501	1.85E-01	3.67E-04	1.86E-01
558395.174160422.59	558395.17	4160422.59	WRKR_502	2.01E-01	3.81E-04	2.02E-01
558395.174160432.59	558395.17	4160432.59	WRKR_503	2.19E-01	3.97E-04	2.20E-01
558395.174160442.59	558395.17	4160442.59	WRKR_504	2.40E-01	4.14E-04	2.40E-01
558395.174160452.59	558395.17	4160452.59	WRKR_505	2.64E-01	4.33E-04	2.64E-01
558395.174160462.59	558395.17	4160462.59	WRKR_506	2.91E-01	4.53E-04	2.91E-01
558395.174160472.59	558395.17	4160472.59	WRKR_507	3.23E-01	4.76E-04	3.23E-01
558395.174160482.59	558395.17	4160482.59	WRKR_508	3.59E-01	5.01E-04	3.60E-01
558395.174160492.59	558395.17	4160492.59	WRKR_509	4.01E-01	5.30E-04	4.02E-01
558395.174160502.59	558395.17	4160502.59	WRKR_510	4.49E-01	5.64E-04	4.50E-01
558395.174160512.59	558395.17	4160512.59	WRKR_511	5.03E-01	6.04E-04	5.04E-01
558477.664160568.94	558477.66	4160568.94	WRKR_512	7.07E-01	1.57E-03	7.09E-01
558477.664160578.94	558477.66	4160578.94	WRKR_513	7.76E-01	1.82E-03	7.78E-01
558477.664160588.94	558477.66	4160588.94	WRKR_514	8.52E-01	2.15E-03	8.54E-01
558477.664160598.94	558477.66	4160598.94	WRKR_515	9.33E-01	2.61E-03	9.36E-01
558487.664160568.94	558487.66	4160568.94	WRKR_516	6.73E-01	1.63E-03	6.75E-01
558487.664160578.94	558487.66	4160578.94	WRKR_517	7.34E-01	1.86E-03	7.36E-01
558487.664160588.94	558487.66	4160588.94	WRKR_518	7.98E-01	2.16E-03	8.00E-01
558487.664160598.94	558487.66	4160598.94	WRKR_519	8.67E-01	2.56E-03	8.70E-01
558497.664160568.94	558497.66	4160568.94	WRKR_520	6.50E-01	1.73E-03	6.51E-01
558497.664160578.94	558497.66	4160578.94	WRKR_521	7.04E-01	1.95E-03	7.06E-01
558497.664160588.94	558497.66	4160588.94	WRKR_522	7.62E-01	2.24E-03	7.64E-01
558497.664160598.94	558497.66	4160598.94	WRKR_523	8.22E-01	2.65E-03	8.24E-01
558507.664160568.94	558507.66	4160568.94	WRKR_524	6.31E-01	1.89E-03	6.33E-01
558507.664160578.94	558507.66	4160578.94	WRKR_525	6.79E-01	2.10E-03	6.81E-01
558507.664160588.94	558507.66	4160588.94	WRKR_526	7.33E-01	2.42E-03	7.35E-01
558507.664160598.94	558507.66	4160598.94	WRKR_527	7.85E-01	2.86E-03	7.88E-01
558517.664160568.94	558517.66	4160568.94	WRKR_528	6.10E-01	2.07E-03	6.12E-01
558517.664160578.94	558517.66	4160578.94	WRKR_529	6.54E-01	2.30E-03	6.57E-01
558517.664160588.94	558517.66	4160588.94	WRKR_530	7.00E-01	2.63E-03	7.03E-01

Cancer Risk worker - offsite				16<30 Cancer Risk (cases per million)		Total Cancer Risk (cases per million)
XY	X	Y	Receptor Type	OFFROAD	ONROAD	
558517.664160598.94	558517.66	4160598.94	WRKR_531	7.47E-01	3.12E-03	7.50E-01
558527.664160568.94	558527.66	4160568.94	WRKR_532	5.88E-01	2.30E-03	5.91E-01
558527.664160578.94	558527.66	4160578.94	WRKR_533	6.29E-01	2.56E-03	6.31E-01
558527.664160588.94	558527.66	4160588.94	WRKR_534	6.69E-01	2.92E-03	6.72E-01
558527.664160598.94	558527.66	4160598.94	WRKR_535	7.08E-01	2.71E-03	7.11E-01
558537.664160568.94	558537.66	4160568.94	WRKR_536	5.67E-01	2.63E-03	5.70E-01
558537.664160578.94	558537.66	4160578.94	WRKR_537	6.03E-01	2.92E-03	6.06E-01
558537.664160588.94	558537.66	4160588.94	WRKR_538	6.38E-01	2.46E-03	6.40E-01
558537.664160598.94	558537.66	4160598.94	WRKR_539	6.71E-01	2.75E-03	6.74E-01
558547.664160568.94	558547.66	4160568.94	WRKR_540	5.47E-01	3.09E-03	5.50E-01
558547.664160578.94	558547.66	4160578.94	WRKR_541	5.78E-01	2.43E-03	5.80E-01
558547.664160588.94	558547.66	4160588.94	WRKR_542	6.07E-01	1.83E-03	6.09E-01
558557.664160568.94	558557.66	4160568.94	WRKR_543	5.26E-01	1.73E-03	5.28E-01
558600.644160569.24	558600.64	4160569.24	WRKR_544	4.45E-01	2.24E-03	4.47E-01
558600.644160579.24	558600.64	4160579.24	WRKR_545	4.59E-01	2.29E-03	4.61E-01
558600.644160589.24	558600.64	4160589.24	WRKR_546	4.71E-01	2.75E-03	4.74E-01
558600.644160599.24	558600.64	4160599.24	WRKR_547	4.82E-01	2.49E-03	4.84E-01
558610.644160569.24	558610.64	4160569.24	WRKR_548	4.25E-01	2.69E-03	4.28E-01
558610.644160579.24	558610.64	4160579.24	WRKR_549	4.37E-01	2.49E-03	4.40E-01
558610.644160589.24	558610.64	4160589.24	WRKR_550	4.48E-01	2.29E-03	4.50E-01
558610.644160599.24	558610.64	4160599.24	WRKR_551	4.56E-01	2.08E-03	4.58E-01
558620.644160569.24	558620.64	4160569.24	WRKR_552	4.07E-01	2.29E-03	4.09E-01
558620.644160579.24	558620.64	4160579.24	WRKR_553	4.17E-01	2.12E-03	4.19E-01
558620.644160589.24	558620.64	4160589.24	WRKR_554	4.26E-01	1.96E-03	4.28E-01
558620.644160599.24	558620.64	4160599.24	WRKR_555	4.33E-01	1.79E-03	4.35E-01
558630.644160569.24	558630.64	4160569.24	WRKR_556	3.89E-01	1.98E-03	3.91E-01
558630.644160579.24	558630.64	4160579.24	WRKR_557	3.98E-01	1.84E-03	3.99E-01
558630.644160589.24	558630.64	4160589.24	WRKR_558	4.05E-01	1.69E-03	4.06E-01
558630.644160599.24	558630.64	4160599.24	WRKR_559	4.10E-01	1.54E-03	4.12E-01
558640.644160569.24	558640.64	4160569.24	WRKR_560	3.72E-01	1.72E-03	3.73E-01
558640.644160579.24	558640.64	4160579.24	WRKR_561	3.79E-01	1.60E-03	3.80E-01
558640.644160589.24	558640.64	4160589.24	WRKR_562	3.84E-01	1.47E-03	3.86E-01
558640.644160599.24	558640.64	4160599.24	WRKR_563	3.88E-01	1.34E-03	3.90E-01
558650.644160569.24	558650.64	4160569.24	WRKR_564	3.55E-01	1.52E-03	3.56E-01
558650.644160579.24	558650.64	4160579.24	WRKR_565	3.61E-01	1.41E-03	3.62E-01
558650.644160589.24	558650.64	4160589.24	WRKR_566	3.65E-01	1.30E-03	3.67E-01
558650.644160599.24	558650.64	4160599.24	WRKR_567	3.68E-01	1.19E-03	3.70E-01
558660.644160569.24	558660.64	4160569.24	WRKR_568	3.39E-01	1.36E-03	3.41E-01
558660.644160579.24	558660.64	4160579.24	WRKR_569	3.44E-01	1.27E-03	3.46E-01
558660.644160589.24	558660.64	4160589.24	WRKR_570	3.48E-01	1.17E-03	3.49E-01
558660.644160599.24	558660.64	4160599.24	WRKR_571	3.50E-01	1.08E-03	3.51E-01
558670.644160569.24	558670.64	4160569.24	WRKR_572	3.25E-01	1.23E-03	3.26E-01
558670.644160579.24	558670.64	4160579.24	WRKR_573	3.28E-01	1.14E-03	3.29E-01
558670.644160589.24	558670.64	4160589.24	WRKR_574	3.31E-01	1.06E-03	3.32E-01
558495.44160499.48	558495.4	4160499.48	WRKR_575	3.68E-01	1.01E-03	3.69E-01
558495.44160509.48	558495.4	4160509.48	WRKR_576	4.01E-01	1.07E-03	4.02E-01
558495.44160519.48	558495.4	4160519.48	WRKR_577	4.37E-01	1.14E-03	4.38E-01
558495.44160529.48	558495.4	4160529.48	WRKR_578	4.77E-01	1.22E-03	4.78E-01
558505.44160499.48	558505.4	4160499.48	WRKR_579	3.64E-01	1.12E-03	3.65E-01
558505.44160509.48	558505.4	4160509.48	WRKR_580	3.96E-01	1.19E-03	3.97E-01
558505.44160519.48	558505.4	4160519.48	WRKR_581	4.30E-01	1.26E-03	4.31E-01
558505.44160529.48	558505.4	4160529.48	WRKR_582	4.67E-01	1.34E-03	4.69E-01
558515.44160499.48	558515.4	4160499.48	WRKR_583	3.59E-01	1.26E-03	3.60E-01

Cancer Risk worker - offsite				16<30 Cancer Risk (cases per million)		Total Cancer Risk (cases per million)
XY	X	Y	Receptor Type	OFFROAD	ONROAD	
558515.44160509.48	558515.4	4160509.48	WRKR_584	3.90E-01	1.33E-03	3.91E-01
558515.44160519.48	558515.4	4160519.48	WRKR_585	4.23E-01	1.41E-03	4.24E-01
558515.44160529.48	558515.4	4160529.48	WRKR_586	4.58E-01	1.49E-03	4.60E-01
558525.44160499.48	558525.4	4160499.48	WRKR_587	3.55E-01	1.43E-03	3.56E-01
558525.44160509.48	558525.4	4160509.48	WRKR_588	3.84E-01	1.51E-03	3.86E-01
558525.44160519.48	558525.4	4160519.48	WRKR_589	4.16E-01	1.60E-03	4.17E-01
558525.44160529.48	558525.4	4160529.48	WRKR_590	4.49E-01	1.69E-03	4.51E-01
558535.44160499.48	558535.4	4160499.48	WRKR_591	3.50E-01	1.66E-03	3.52E-01
558535.44160509.48	558535.4	4160509.48	WRKR_592	3.78E-01	1.76E-03	3.80E-01
558535.44160519.48	558535.4	4160519.48	WRKR_593	4.08E-01	1.85E-03	4.10E-01
558535.44160529.48	558535.4	4160529.48	WRKR_594	4.41E-01	1.95E-03	4.43E-01
558545.44160499.48	558545.4	4160499.48	WRKR_595	3.46E-01	1.96E-03	3.48E-01
558545.44160509.48	558545.4	4160509.48	WRKR_596	3.72E-01	2.08E-03	3.75E-01
558545.44160519.48	558545.4	4160519.48	WRKR_597	4.01E-01	2.19E-03	4.03E-01
558545.44160529.48	558545.4	4160529.48	WRKR_598	4.31E-01	2.31E-03	4.34E-01
558555.44160499.48	558555.4	4160499.48	WRKR_599	3.41E-01	2.37E-03	3.43E-01
558555.44160509.48	558555.4	4160509.48	WRKR_600	3.66E-01	2.51E-03	3.69E-01
558555.44160519.48	558555.4	4160519.48	WRKR_601	3.94E-01	2.65E-03	3.96E-01
558555.44160529.48	558555.4	4160529.48	WRKR_602	4.22E-01	2.80E-03	4.25E-01
558565.44160499.48	558565.4	4160499.48	WRKR_603	3.36E-01	2.05E-03	3.38E-01
558565.44160509.48	558565.4	4160509.48	WRKR_604	3.60E-01	2.26E-03	3.62E-01
558565.44160519.48	558565.4	4160519.48	WRKR_605	3.86E-01	1.61E-03	3.87E-01
558565.44160529.48	558565.4	4160529.48	WRKR_606	4.12E-01	2.33E-03	4.14E-01
558618.984160498.88	558618.98	4160498.88	WRKR_607	3.03E-01	1.72E-03	3.05E-01
558618.984160508.88	558618.98	4160508.88	WRKR_608	3.20E-01	2.26E-03	3.22E-01
558618.984160518.88	558618.98	4160518.88	WRKR_609	3.37E-01	2.27E-03	3.39E-01
558618.984160528.88	558618.98	4160528.88	WRKR_610	3.53E-01	2.88E-03	3.56E-01
558628.984160498.88	558628.98	4160498.88	WRKR_611	2.97E-01	2.94E-03	3.00E-01
558628.984160508.88	558628.98	4160508.88	WRKR_612	3.12E-01	2.74E-03	3.15E-01
558628.984160518.88	558628.98	4160518.88	WRKR_613	3.27E-01	2.58E-03	3.30E-01
558628.984160528.88	558628.98	4160528.88	WRKR_614	3.42E-01	2.46E-03	3.45E-01
558638.984160498.88	558638.98	4160498.88	WRKR_615	2.90E-01	2.57E-03	2.93E-01
558638.984160508.88	558638.98	4160508.88	WRKR_616	3.04E-01	2.40E-03	3.07E-01
558638.984160518.88	558638.98	4160518.88	WRKR_617	3.18E-01	2.27E-03	3.20E-01
558638.984160528.88	558638.98	4160528.88	WRKR_618	3.31E-01	2.16E-03	3.34E-01
558648.984160498.88	558648.98	4160498.88	WRKR_619	2.83E-01	2.30E-03	2.85E-01
558648.984160508.88	558648.98	4160508.88	WRKR_620	2.96E-01	2.14E-03	2.98E-01
558648.984160518.88	558648.98	4160518.88	WRKR_621	3.09E-01	2.02E-03	3.11E-01
558648.984160528.88	558648.98	4160528.88	WRKR_622	3.21E-01	1.93E-03	3.23E-01
558658.984160498.88	558658.98	4160498.88	WRKR_623	2.76E-01	2.10E-03	2.78E-01
558658.984160508.88	558658.98	4160508.88	WRKR_624	2.88E-01	1.95E-03	2.90E-01
558658.984160518.88	558658.98	4160518.88	WRKR_625	2.99E-01	1.84E-03	3.01E-01
558658.984160528.88	558658.98	4160528.88	WRKR_626	3.10E-01	1.74E-03	3.12E-01
558668.984160498.88	558668.98	4160498.88	WRKR_627	2.69E-01	1.93E-03	2.71E-01
558668.984160508.88	558668.98	4160508.88	WRKR_628	2.80E-01	1.79E-03	2.82E-01
558668.984160518.88	558668.98	4160518.88	WRKR_629	2.90E-01	1.68E-03	2.92E-01
558668.984160528.88	558668.98	4160528.88	WRKR_630	2.99E-01	1.59E-03	3.01E-01
558678.984160498.88	558678.98	4160498.88	WRKR_631	2.62E-01	1.80E-03	2.64E-01
558678.984160508.88	558678.98	4160508.88	WRKR_632	2.72E-01	1.66E-03	2.73E-01
558678.984160518.88	558678.98	4160518.88	WRKR_633	2.81E-01	1.55E-03	2.82E-01
558678.984160528.88	558678.98	4160528.88	WRKR_634	2.89E-01	1.46E-03	2.91E-01
558688.984160498.88	558688.98	4160498.88	WRKR_635	2.55E-01	1.68E-03	2.57E-01
558688.984160508.88	558688.98	4160508.88	WRKR_636	2.64E-01	1.54E-03	2.65E-01

Cancer Risk worker - offsite				16<30 Cancer Risk (cases per million)		Total Cancer Risk (cases per million)
XY	X	Y	Receptor Type	OFFROAD	ONROAD	
558688.984160518.88	558688.98	4160518.88	WRKR_637	2.72E-01	1.44E-03	2.73E-01
558444.414160372.35	558444.41	4160372.35	WRKR_638	1.28E-01	4.01E-04	1.29E-01
558454.414160382.35	558454.41	4160382.35	WRKR_639	1.35E-01	4.30E-04	1.35E-01
558454.414160392.35	558454.41	4160392.35	WRKR_640	1.46E-01	4.46E-04	1.46E-01
558454.414160402.35	558454.41	4160402.35	WRKR_641	1.58E-01	4.64E-04	1.58E-01
558464.414160382.35	558464.41	4160382.35	WRKR_642	1.34E-01	4.54E-04	1.35E-01
558464.414160392.35	558464.41	4160392.35	WRKR_643	1.45E-01	4.72E-04	1.45E-01
558464.414160402.35	558464.41	4160402.35	WRKR_644	1.57E-01	4.92E-04	1.58E-01
558474.414160382.35	558474.41	4160382.35	WRKR_645	1.34E-01	4.80E-04	1.34E-01
558474.414160392.35	558474.41	4160392.35	WRKR_646	1.44E-01	5.00E-04	1.45E-01
558474.414160402.35	558474.41	4160402.35	WRKR_647	1.56E-01	5.20E-04	1.57E-01
558484.414160382.35	558484.41	4160382.35	WRKR_648	1.34E-01	5.09E-04	1.34E-01
558484.414160392.35	558484.41	4160392.35	WRKR_649	1.44E-01	5.28E-04	1.44E-01
558484.414160402.35	558484.41	4160402.35	WRKR_650	1.55E-01	5.48E-04	1.56E-01
558494.414160382.35	558494.41	4160382.35	WRKR_651	1.34E-01	5.43E-04	1.34E-01
558494.414160392.35	558494.41	4160392.35	WRKR_652	1.44E-01	5.63E-04	1.44E-01
558494.414160402.35	558494.41	4160402.35	WRKR_653	1.55E-01	5.85E-04	1.56E-01
558504.414160382.35	558504.41	4160382.35	WRKR_654	1.34E-01	5.80E-04	1.34E-01
558504.414160392.35	558504.41	4160392.35	WRKR_655	1.45E-01	6.11E-04	1.46E-01
558504.414160402.35	558504.41	4160402.35	WRKR_656	1.58E-01	6.47E-04	1.59E-01
558514.414160382.35	558514.41	4160382.35	WRKR_657	1.34E-01	6.23E-04	1.35E-01
558514.414160392.35	558514.41	4160392.35	WRKR_658	1.45E-01	6.57E-04	1.46E-01
558514.414160402.35	558514.41	4160402.35	WRKR_659	1.59E-01	7.02E-04	1.59E-01
558524.414160392.35	558524.41	4160392.35	WRKR_660	1.46E-01	7.10E-04	1.47E-01
558524.414160402.35	558524.41	4160402.35	WRKR_661	1.59E-01	7.61E-04	1.60E-01
558581.824160392.36	558581.82	4160392.36	WRKR_662	1.51E-01	1.22E-03	1.52E-01
558581.824160402.36	558581.82	4160402.36	WRKR_663	1.63E-01	1.36E-03	1.64E-01
558581.824160412.36	558581.82	4160412.36	WRKR_664	1.75E-01	1.54E-03	1.77E-01
558581.824160422.36	558581.82	4160422.36	WRKR_665	1.89E-01	1.75E-03	1.91E-01
558591.824160392.36	558591.82	4160392.36	WRKR_666	1.52E-01	1.32E-03	1.53E-01
558591.824160402.36	558591.82	4160402.36	WRKR_667	1.63E-01	1.50E-03	1.65E-01
558591.824160412.36	558591.82	4160412.36	WRKR_668	1.75E-01	1.71E-03	1.77E-01
558591.824160422.36	558591.82	4160422.36	WRKR_669	1.89E-01	1.98E-03	1.91E-01
558601.824160382.36	558601.82	4160382.36	WRKR_670	1.42E-01	1.27E-03	1.43E-01
558601.824160392.36	558601.82	4160392.36	WRKR_671	1.52E-01	1.43E-03	1.54E-01
558601.824160402.36	558601.82	4160402.36	WRKR_672	1.63E-01	1.64E-03	1.65E-01
558601.824160412.36	558601.82	4160412.36	WRKR_673	1.75E-01	1.90E-03	1.77E-01
558601.824160422.36	558601.82	4160422.36	WRKR_674	1.88E-01	2.23E-03	1.91E-01
558611.824160382.36	558611.82	4160382.36	WRKR_675	1.42E-01	1.35E-03	1.43E-01
558611.824160392.36	558611.82	4160392.36	WRKR_676	1.53E-01	1.53E-03	1.54E-01
558611.824160402.36	558611.82	4160402.36	WRKR_677	1.64E-01	1.79E-03	1.65E-01
558611.824160412.36	558611.82	4160412.36	WRKR_678	1.75E-01	2.10E-03	1.77E-01
558611.824160422.36	558611.82	4160422.36	WRKR_679	1.88E-01	2.50E-03	1.90E-01
558621.824160382.36	558621.82	4160382.36	WRKR_680	1.43E-01	1.44E-03	1.44E-01
558621.824160392.36	558621.82	4160392.36	WRKR_681	1.53E-01	1.65E-03	1.54E-01
558621.824160402.36	558621.82	4160402.36	WRKR_682	1.64E-01	1.94E-03	1.66E-01
558621.824160412.36	558621.82	4160412.36	WRKR_683	1.75E-01	2.32E-03	1.77E-01
558621.824160422.36	558621.82	4160422.36	WRKR_684	1.87E-01	1.92E-03	1.89E-01
558631.824160382.36	558631.82	4160382.36	WRKR_685	1.43E-01	1.54E-03	1.44E-01
558631.824160392.36	558631.82	4160392.36	WRKR_686	1.53E-01	1.76E-03	1.55E-01
558631.824160402.36	558631.82	4160402.36	WRKR_687	1.64E-01	2.10E-03	1.66E-01
558641.824160382.36	558641.82	4160382.36	WRKR_688	1.43E-01	1.63E-03	1.45E-01
558641.824160392.36	558641.82	4160392.36	WRKR_689	1.53E-01	1.88E-03	1.55E-01

Cancer Risk worker - offsite				16<30 Cancer Risk (cases per million)		Total Cancer Risk (cases per million)
XY	X	Y	Receptor Type	OFFROAD	ONROAD	
558641.824160402.36	558641.82	4160402.36	WRKR_690	1.63E-01	2.27E-03	1.66E-01
558651.824160382.36	558651.82	4160382.36	WRKR_691	1.43E-01	1.75E-03	1.45E-01
558651.824160392.36	558651.82	4160392.36	WRKR_692	1.53E-01	2.03E-03	1.55E-01
558651.824160402.36	558651.82	4160402.36	WRKR_693	1.63E-01	2.47E-03	1.66E-01
558661.824160382.36	558661.82	4160382.36	WRKR_694	1.43E-01	1.89E-03	1.45E-01
558661.824160392.36	558661.82	4160392.36	WRKR_695	1.53E-01	2.19E-03	1.55E-01
558661.824160402.36	558661.82	4160402.36	WRKR_696	1.63E-01	2.68E-03	1.65E-01
558671.824160362.36	558671.82	4160362.36	WRKR_697	1.26E-01	1.70E-03	1.28E-01
558671.824160372.36	558671.82	4160372.36	WRKR_698	1.35E-01	1.84E-03	1.36E-01
558671.824160382.36	558671.82	4160382.36	WRKR_699	1.43E-01	2.05E-03	1.45E-01
558671.824160392.36	558671.82	4160392.36	WRKR_700	1.53E-01	2.37E-03	1.55E-01
558671.824160402.36	558671.82	4160402.36	WRKR_701	1.62E-01	2.90E-03	1.65E-01
558681.824160362.36	558681.82	4160362.36	WRKR_702	1.27E-01	1.90E-03	1.28E-01
558681.824160372.36	558681.82	4160372.36	WRKR_703	1.34E-01	2.00E-03	1.36E-01
558681.824160382.36	558681.82	4160382.36	WRKR_704	1.43E-01	2.23E-03	1.45E-01
558681.824160392.36	558681.82	4160392.36	WRKR_705	1.52E-01	2.57E-03	1.55E-01
558681.824160402.36	558681.82	4160402.36	WRKR_706	1.61E-01	3.11E-03	1.64E-01
558691.824160362.36	558691.82	4160362.36	WRKR_707	1.27E-01	2.18E-03	1.29E-01
558691.824160372.36	558691.82	4160372.36	WRKR_708	1.35E-01	2.31E-03	1.37E-01
558691.824160382.36	558691.82	4160382.36	WRKR_709	1.43E-01	2.52E-03	1.45E-01
558691.824160392.36	558691.82	4160392.36	WRKR_710	1.52E-01	2.85E-03	1.54E-01
558691.824160402.36	558691.82	4160402.36	WRKR_711	1.60E-01	3.42E-03	1.64E-01
558701.824160362.36	558701.82	4160362.36	WRKR_712	1.27E-01	2.58E-03	1.29E-01
558701.824160372.36	558701.82	4160372.36	WRKR_713	1.34E-01	2.71E-03	1.37E-01
558701.824160382.36	558701.82	4160382.36	WRKR_714	1.42E-01	2.91E-03	1.45E-01
558701.824160392.36	558701.82	4160392.36	WRKR_715	1.51E-01	3.24E-03	1.54E-01
558701.824160402.36	558701.82	4160402.36	WRKR_716	1.59E-01	3.79E-03	1.63E-01
558711.824160362.36	558711.82	4160362.36	WRKR_717	1.27E-01	3.14E-03	1.30E-01
558711.824160372.36	558711.82	4160372.36	WRKR_718	1.34E-01	3.26E-03	1.37E-01
558711.824160382.36	558711.82	4160382.36	WRKR_719	1.42E-01	2.69E-03	1.45E-01
558711.824160392.36	558711.82	4160392.36	WRKR_720	1.50E-01	3.77E-03	1.54E-01
558711.824160402.36	558711.82	4160402.36	WRKR_721	1.58E-01	2.43E-03	1.61E-01
558721.824160362.36	558721.82	4160362.36	WRKR_722	1.26E-01	1.87E-03	1.28E-01
558721.824160372.36	558721.82	4160372.36	WRKR_723	1.34E-01	2.08E-03	1.36E-01
558721.824160382.36	558721.82	4160382.36	WRKR_724	1.41E-01	2.97E-03	1.44E-01
558721.824160392.36	558721.82	4160392.36	WRKR_725	1.49E-01	2.32E-03	1.51E-01
558721.824160402.36	558721.82	4160402.36	WRKR_726	1.57E-01	2.47E-03	1.59E-01
558690.094160295.24	558690.09	4160295.24	WRKR_727	8.26E-02	1.72E-03	8.43E-02
558690.094160305.24	558690.09	4160305.24	WRKR_728	8.78E-02	1.74E-03	8.96E-02
558690.094160315.24	558690.09	4160315.24	WRKR_729	9.35E-02	1.77E-03	9.52E-02
558690.094160325.24	558690.09	4160325.24	WRKR_730	9.95E-02	1.79E-03	1.01E-01
558690.094160335.24	558690.09	4160335.24	WRKR_731	1.06E-01	1.83E-03	1.08E-01
558700.094160295.24	558700.09	4160295.24	WRKR_732	8.31E-02	2.08E-03	8.52E-02
558700.094160305.24	558700.09	4160305.24	WRKR_733	8.84E-02	2.11E-03	9.06E-02
558700.094160315.24	558700.09	4160315.24	WRKR_734	9.40E-02	2.13E-03	9.62E-02
558700.094160325.24	558700.09	4160325.24	WRKR_735	1.00E-01	2.15E-03	1.02E-01
558700.094160335.24	558700.09	4160335.24	WRKR_736	1.06E-01	2.18E-03	1.09E-01
558710.094160295.24	558710.09	4160295.24	WRKR_737	8.37E-02	2.61E-03	8.64E-02
558710.094160305.24	558710.09	4160305.24	WRKR_738	8.90E-02	2.63E-03	9.16E-02
558710.094160315.24	558710.09	4160315.24	WRKR_739	9.46E-02	2.65E-03	9.72E-02
558710.094160325.24	558710.09	4160325.24	WRKR_740	1.00E-01	2.67E-03	1.03E-01
558710.094160335.24	558710.09	4160335.24	WRKR_741	1.07E-01	2.69E-03	1.09E-01
558720.094160295.24	558720.09	4160295.24	WRKR_742	8.44E-02	2.28E-03	8.67E-02

Cancer Risk worker - offsite				16<30 Cancer Risk (cases per million)		Total Cancer Risk (cases per million)
XY	X	Y	Receptor Type	OFFROAD	ONROAD	
558720.094160305.24	558720.09	4160305.24	WRKR_743	8.96E-02	1.60E-03	9.12E-02
558720.094160315.24	558720.09	4160315.24	WRKR_744	9.51E-02	2.32E-03	9.74E-02
558720.094160325.24	558720.09	4160325.24	WRKR_745	1.01E-01	2.36E-03	1.03E-01
558612.684160297.32	558612.68	4160297.32	WRKR_746	7.86E-02	7.34E-04	7.93E-02
558612.684160307.32	558612.68	4160307.32	WRKR_747	8.38E-02	7.64E-04	8.46E-02
558612.684160317.32	558612.68	4160317.32	WRKR_748	8.95E-02	7.99E-04	9.03E-02
558612.684160327.32	558612.68	4160327.32	WRKR_749	9.57E-02	8.39E-04	9.66E-02
558612.684160337.32	558612.68	4160337.32	WRKR_750	1.03E-01	8.89E-04	1.03E-01
558622.684160297.32	558622.68	4160297.32	WRKR_751	7.92E-02	7.88E-04	8.00E-02
558622.684160307.32	558622.68	4160307.32	WRKR_752	8.45E-02	8.19E-04	8.53E-02
558622.684160317.32	558622.68	4160317.32	WRKR_753	9.02E-02	8.54E-04	9.11E-02
558622.684160327.32	558622.68	4160327.32	WRKR_754	9.65E-02	8.95E-04	9.74E-02
558622.684160337.32	558622.68	4160337.32	WRKR_755	1.03E-01	9.47E-04	1.04E-01
558632.684160297.32	558632.68	4160297.32	WRKR_756	7.99E-02	8.54E-04	8.07E-02
558632.684160307.32	558632.68	4160307.32	WRKR_757	8.52E-02	8.84E-04	8.61E-02
558632.684160317.32	558632.68	4160317.32	WRKR_758	9.09E-02	9.19E-04	9.19E-02
558632.684160327.32	558632.68	4160327.32	WRKR_759	9.72E-02	9.61E-04	9.82E-02
558632.684160337.32	558632.68	4160337.32	WRKR_760	1.04E-01	1.01E-03	1.05E-01
558642.684160297.32	558642.68	4160297.32	WRKR_761	8.07E-02	9.38E-04	8.16E-02
558642.684160307.32	558642.68	4160307.32	WRKR_762	8.59E-02	9.62E-04	8.68E-02
558642.684160317.32	558642.68	4160317.32	WRKR_763	9.17E-02	9.97E-04	9.27E-02
558642.684160327.32	558642.68	4160327.32	WRKR_764	9.79E-02	1.04E-03	9.90E-02
558642.684160337.32	558642.68	4160337.32	WRKR_765	1.05E-01	1.09E-03	1.06E-01
558652.684160297.32	558652.68	4160297.32	WRKR_766	8.13E-02	1.03E-03	8.24E-02
558652.684160307.32	558652.68	4160307.32	WRKR_767	8.66E-02	1.06E-03	8.76E-02
558652.684160317.32	558652.68	4160317.32	WRKR_768	9.24E-02	1.09E-03	9.35E-02
558652.684160327.32	558652.68	4160327.32	WRKR_769	9.86E-02	1.13E-03	9.98E-02
558652.684160337.32	558652.68	4160337.32	WRKR_770	1.05E-01	1.18E-03	1.07E-01
558662.684160297.32	558662.68	4160297.32	WRKR_771	8.21E-02	1.16E-03	8.33E-02
558662.684160307.32	558662.68	4160307.32	WRKR_772	8.74E-02	1.19E-03	8.86E-02
558662.684160317.32	558662.68	4160317.32	WRKR_773	9.31E-02	1.21E-03	9.43E-02
558662.684160327.32	558662.68	4160327.32	WRKR_774	9.93E-02	1.25E-03	1.01E-01
558662.684160337.32	558662.68	4160337.32	WRKR_775	1.06E-01	1.30E-03	1.07E-01
558672.684160297.32	558672.68	4160297.32	WRKR_776	8.26E-02	1.32E-03	8.39E-02
558672.684160307.32	558672.68	4160307.32	WRKR_777	8.80E-02	1.34E-03	8.94E-02
558672.684160317.32	558672.68	4160317.32	WRKR_778	9.38E-02	1.37E-03	9.51E-02
558672.684160327.32	558672.68	4160327.32	WRKR_779	9.99E-02	1.40E-03	1.01E-01
558672.684160337.32	558672.68	4160337.32	WRKR_780	1.07E-01	1.45E-03	1.08E-01
558543.584160290.65	558543.58	4160290.65	WRKR_781	7.39E-02	4.92E-04	7.44E-02
558553.584160300.65	558553.58	4160300.65	WRKR_782	7.86E-02	5.41E-04	7.91E-02
558553.584160310.65	558553.58	4160310.65	WRKR_783	8.36E-02	5.66E-04	8.42E-02
558553.584160320.65	558553.58	4160320.65	WRKR_784	8.91E-02	5.95E-04	8.97E-02
558553.584160330.65	558553.58	4160330.65	WRKR_785	9.53E-02	6.26E-04	9.59E-02
558563.584160300.65	558563.58	4160300.65	WRKR_786	7.88E-02	5.70E-04	7.94E-02
558563.584160310.65	558563.58	4160310.65	WRKR_787	8.39E-02	5.98E-04	8.45E-02
558563.584160320.65	558563.58	4160320.65	WRKR_788	8.96E-02	6.29E-04	9.02E-02
558563.584160330.65	558563.58	4160330.65	WRKR_789	9.58E-02	6.63E-04	9.64E-02
558573.584160300.65	558573.58	4160300.65	WRKR_790	7.92E-02	6.02E-04	7.98E-02
558573.584160310.65	558573.58	4160310.65	WRKR_791	8.44E-02	6.31E-04	8.50E-02
558573.584160320.65	558573.58	4160320.65	WRKR_792	9.01E-02	6.64E-04	9.07E-02
558573.584160330.65	558573.58	4160330.65	WRKR_793	9.64E-02	7.01E-04	9.71E-02
558583.584160300.65	558583.58	4160300.65	WRKR_794	7.96E-02	6.37E-04	8.02E-02
558583.584160310.65	558583.58	4160310.65	WRKR_795	8.49E-02	6.67E-04	8.55E-02

Cancer Risk worker - offsite				16<30 Cancer Risk (cases per million)		Total Cancer Risk (cases per million)
XY	X	Y	Receptor Type	OFFROAD	ONROAD	
558583.584160320.65	558583.58	4160320.65	WRKR_796	9.06E-02	7.02E-04	9.13E-02
558583.584160330.65	558583.58	4160330.65	WRKR_797	9.70E-02	7.42E-04	9.77E-02
558593.584160330.65	558593.58	4160330.65	WRKR_798	9.77E-02	7.87E-04	9.84E-02
558455.354160303.56	558455.35	4160303.56	WRKR_799	8.37E-02	3.31E-04	8.40E-02
558455.354160313.56	558455.35	4160313.56	WRKR_800	8.83E-02	3.43E-04	8.86E-02
558455.354160323.56	558455.35	4160323.56	WRKR_801	9.33E-02	3.55E-04	9.37E-02
558455.354160333.56	558455.35	4160333.56	WRKR_802	9.89E-02	3.68E-04	9.93E-02
558455.354160343.56	558455.35	4160343.56	WRKR_803	1.05E-01	3.82E-04	1.06E-01
558465.354160303.56	558465.35	4160303.56	WRKR_804	8.26E-02	3.48E-04	8.30E-02
558465.354160313.56	558465.35	4160313.56	WRKR_805	8.73E-02	3.60E-04	8.76E-02
558465.354160323.56	558465.35	4160323.56	WRKR_806	9.23E-02	3.73E-04	9.27E-02
558465.354160333.56	558465.35	4160333.56	WRKR_807	9.80E-02	3.87E-04	9.84E-02
558465.354160343.56	558465.35	4160343.56	WRKR_808	1.04E-01	4.02E-04	1.05E-01
558475.354160303.56	558475.35	4160303.56	WRKR_809	8.18E-02	3.64E-04	8.21E-02
558475.354160313.56	558475.35	4160313.56	WRKR_810	8.64E-02	3.78E-04	8.68E-02
558475.354160323.56	558475.35	4160323.56	WRKR_811	9.16E-02	3.93E-04	9.19E-02
558475.354160333.56	558475.35	4160333.56	WRKR_812	9.72E-02	4.08E-04	9.76E-02
558475.354160343.56	558475.35	4160343.56	WRKR_813	1.04E-01	4.24E-04	1.04E-01
558485.354160303.56	558485.35	4160303.56	WRKR_814	8.11E-02	3.83E-04	8.15E-02
558485.354160313.56	558485.35	4160313.56	WRKR_815	8.57E-02	3.96E-04	8.61E-02
558485.354160323.56	558485.35	4160323.56	WRKR_816	9.09E-02	4.13E-04	9.14E-02
558485.354160333.56	558485.35	4160333.56	WRKR_817	9.67E-02	4.30E-04	9.71E-02
558485.354160343.56	558485.35	4160343.56	WRKR_818	1.03E-01	4.48E-04	1.04E-01
558495.354160303.56	558495.35	4160303.56	WRKR_819	8.05E-02	4.03E-04	8.09E-02
558495.354160313.56	558495.35	4160313.56	WRKR_820	8.53E-02	4.19E-04	8.57E-02
558495.354160323.56	558495.35	4160323.56	WRKR_821	9.05E-02	4.36E-04	9.10E-02
558495.354160333.56	558495.35	4160333.56	WRKR_822	9.63E-02	4.54E-04	9.68E-02
558495.354160343.56	558495.35	4160343.56	WRKR_823	1.03E-01	4.75E-04	1.03E-01
558505.354160303.56	558505.35	4160303.56	WRKR_824	8.01E-02	4.24E-04	8.05E-02
558505.354160313.56	558505.35	4160313.56	WRKR_825	8.49E-02	4.42E-04	8.54E-02
558505.354160323.56	558505.35	4160323.56	WRKR_826	9.02E-02	4.61E-04	9.07E-02
558505.354160333.56	558505.35	4160333.56	WRKR_827	9.62E-02	4.81E-04	9.66E-02
558515.354160303.56	558515.35	4160303.56	WRKR_828	7.98E-02	4.48E-04	8.03E-02
558515.354160313.56	558515.35	4160313.56	WRKR_829	8.47E-02	4.66E-04	8.52E-02
558515.354160323.56	558515.35	4160323.56	WRKR_830	9.01E-02	4.87E-04	9.06E-02
558515.354160333.56	558515.35	4160333.56	WRKR_831	9.61E-02	5.09E-04	9.66E-02
558525.354160303.56	558525.35	4160303.56	WRKR_832	7.97E-02	4.72E-04	8.02E-02
558525.354160313.56	558525.35	4160313.56	WRKR_833	8.47E-02	4.92E-04	8.52E-02
558525.354160323.56	558525.35	4160323.56	WRKR_834	9.02E-02	5.15E-04	9.07E-02
558525.354160333.56	558525.35	4160333.56	WRKR_835	9.62E-02	5.40E-04	9.68E-02
558535.354160303.56	558535.35	4160303.56	WRKR_836	7.97E-02	4.97E-04	8.02E-02
558535.354160313.56	558535.35	4160313.56	WRKR_837	8.47E-02	5.20E-04	8.53E-02
558535.354160323.56	558535.35	4160323.56	WRKR_838	9.03E-02	5.45E-04	9.09E-02
558535.354160333.56	558535.35	4160333.56	WRKR_839	9.65E-02	5.71E-04	9.70E-02
558616.674160229.97	558616.67	4160229.97	WRKR_840	5.39E-02	6.02E-04	5.45E-02
558616.674160239.97	558616.67	4160239.97	WRKR_841	5.69E-02	6.26E-04	5.75E-02
558616.674160249.97	558616.67	4160249.97	WRKR_842	6.01E-02	6.52E-04	6.07E-02
558626.674160229.97	558626.67	4160229.97	WRKR_843	5.42E-02	6.55E-04	5.48E-02
558626.674160239.97	558626.67	4160239.97	WRKR_844	5.72E-02	6.82E-04	5.79E-02
558626.674160249.97	558626.67	4160249.97	WRKR_845	6.04E-02	7.09E-04	6.12E-02
558636.674160229.97	558636.67	4160229.97	WRKR_846	5.45E-02	7.19E-04	5.52E-02
558636.674160239.97	558636.67	4160239.97	WRKR_847	5.75E-02	7.49E-04	5.83E-02
558636.674160249.97	558636.67	4160249.97	WRKR_848	6.09E-02	7.79E-04	6.16E-02

Cancer Risk worker - offsite				16<30 Cancer Risk (cases per million)		Total Cancer Risk (cases per million)
XY	X	Y	Receptor Type	OFFROAD	ONROAD	
558646.674160229.97	558646.67	4160229.97	WRKR_849	5.48E-02	7.98E-04	5.56E-02
558646.674160239.97	558646.67	4160239.97	WRKR_850	5.79E-02	8.32E-04	5.88E-02
558646.674160249.97	558646.67	4160249.97	WRKR_851	6.13E-02	8.66E-04	6.22E-02
558656.674160229.97	558656.67	4160229.97	WRKR_852	5.52E-02	8.97E-04	5.61E-02
558656.674160239.97	558656.67	4160239.97	WRKR_853	5.84E-02	9.35E-04	5.93E-02
558666.674160229.97	558666.67	4160229.97	WRKR_854	5.56E-02	1.02E-03	5.67E-02
558666.674160239.97	558666.67	4160239.97	WRKR_855	5.88E-02	1.07E-03	5.99E-02
558676.674160229.97	558676.67	4160229.97	WRKR_856	5.61E-02	1.18E-03	5.73E-02
558676.674160239.97	558676.67	4160239.97	WRKR_857	5.93E-02	1.24E-03	6.06E-02
558686.674160229.97	558686.67	4160229.97	WRKR_858	5.66E-02	1.39E-03	5.80E-02
558686.674160239.97	558686.67	4160239.97	WRKR_859	5.99E-02	1.47E-03	6.13E-02
558696.674160229.97	558696.67	4160229.97	WRKR_860	5.71E-02	1.68E-03	5.88E-02
558696.674160239.97	558696.67	4160239.97	WRKR_861	6.04E-02	1.77E-03	6.22E-02
558706.674160229.97	558706.67	4160229.97	WRKR_862	5.76E-02	2.06E-03	5.97E-02
558706.674160239.97	558706.67	4160239.97	WRKR_863	6.10E-02	2.20E-03	6.32E-02
558716.674160229.97	558716.67	4160229.97	WRKR_864	5.81E-02	2.60E-03	6.07E-02
558716.674160239.97	558716.67	4160239.97	WRKR_865	6.15E-02	2.03E-03	6.36E-02
558420.214160235.8	558420.21	4160235.8	WRKR_866	6.57E-02	2.30E-04	6.59E-02
558420.214160245.8	558420.21	4160245.8	WRKR_867	6.84E-02	2.37E-04	6.86E-02
558420.214160255.8	558420.21	4160255.8	WRKR_868	7.13E-02	2.44E-04	7.16E-02
558430.214160235.8	558430.21	4160235.8	WRKR_869	6.43E-02	2.39E-04	6.46E-02
558430.214160245.8	558430.21	4160245.8	WRKR_870	6.70E-02	2.47E-04	6.72E-02
558430.214160255.8	558430.21	4160255.8	WRKR_871	6.98E-02	2.54E-04	7.01E-02
558440.214160235.8	558440.21	4160235.8	WRKR_872	6.31E-02	2.49E-04	6.33E-02
558440.214160245.8	558440.21	4160245.8	WRKR_873	6.57E-02	2.57E-04	6.59E-02
558440.214160255.8	558440.21	4160255.8	WRKR_874	6.85E-02	2.65E-04	6.88E-02
558450.214160235.8	558450.21	4160235.8	WRKR_875	6.19E-02	2.59E-04	6.22E-02
558450.214160245.8	558450.21	4160245.8	WRKR_876	6.45E-02	2.67E-04	6.48E-02
558450.214160255.8	558450.21	4160255.8	WRKR_877	6.73E-02	2.76E-04	6.76E-02
558460.214160235.8	558460.21	4160235.8	WRKR_878	6.08E-02	2.69E-04	6.11E-02
558460.214160245.8	558460.21	4160245.8	WRKR_879	6.34E-02	2.78E-04	6.37E-02
558460.214160255.8	558460.21	4160255.8	WRKR_880	6.62E-02	2.87E-04	6.65E-02
558470.214160235.8	558470.21	4160235.8	WRKR_881	5.99E-02	2.80E-04	6.01E-02
558470.214160245.8	558470.21	4160245.8	WRKR_882	6.24E-02	2.90E-04	6.27E-02
558470.214160255.8	558470.21	4160255.8	WRKR_883	6.52E-02	3.00E-04	6.55E-02
558480.214160235.8	558480.21	4160235.8	WRKR_884	5.90E-02	2.92E-04	5.93E-02
558480.214160245.8	558480.21	4160245.8	WRKR_885	6.15E-02	3.03E-04	6.18E-02
558480.214160255.8	558480.21	4160255.8	WRKR_886	6.43E-02	3.14E-04	6.46E-02
558490.214160235.8	558490.21	4160235.8	WRKR_887	5.82E-02	3.05E-04	5.85E-02
558490.214160245.8	558490.21	4160245.8	WRKR_888	6.07E-02	3.16E-04	6.10E-02
558490.214160255.8	558490.21	4160255.8	WRKR_889	6.35E-02	3.28E-04	6.39E-02
558500.214160235.8	558500.21	4160235.8	WRKR_890	5.75E-02	3.20E-04	5.78E-02
558500.214160245.8	558500.21	4160245.8	WRKR_891	6.01E-02	3.31E-04	6.04E-02
558500.214160255.8	558500.21	4160255.8	WRKR_892	6.29E-02	3.44E-04	6.32E-02
558510.214160235.8	558510.21	4160235.8	WRKR_893	5.69E-02	3.35E-04	5.73E-02
558510.214160245.8	558510.21	4160245.8	WRKR_894	5.95E-02	3.48E-04	5.99E-02
558510.214160255.8	558510.21	4160255.8	WRKR_895	6.23E-02	3.61E-04	6.27E-02
558520.214160235.8	558520.21	4160235.8	WRKR_896	5.64E-02	3.51E-04	5.68E-02
558520.214160245.8	558520.21	4160245.8	WRKR_897	5.90E-02	3.64E-04	5.94E-02
558520.214160255.8	558520.21	4160255.8	WRKR_898	6.19E-02	3.79E-04	6.22E-02
558530.214160235.8	558530.21	4160235.8	WRKR_899	5.60E-02	3.68E-04	5.63E-02
558530.214160245.8	558530.21	4160245.8	WRKR_900	5.86E-02	3.82E-04	5.90E-02
558530.214160255.8	558530.21	4160255.8	WRKR_901	6.15E-02	3.98E-04	6.19E-02

Cancer Risk worker - offsite				16<30 Cancer Risk (cases per million)		Total Cancer Risk (cases per million)
XY	X	Y	Receptor Type	OFFROAD	ONROAD	
558540.214160235.8	558540.21	4160235.8	WRKR_902	5.56E-02	3.86E-04	5.60E-02
558540.214160245.8	558540.21	4160245.8	WRKR_903	5.83E-02	4.01E-04	5.87E-02
558540.214160255.8	558540.21	4160255.8	WRKR_904	6.13E-02	4.18E-04	6.17E-02
558550.214160235.8	558550.21	4160235.8	WRKR_905	5.54E-02	4.06E-04	5.58E-02
558550.214160245.8	558550.21	4160245.8	WRKR_906	5.81E-02	4.21E-04	5.85E-02
558550.214160255.8	558550.21	4160255.8	WRKR_907	6.11E-02	4.39E-04	6.15E-02
558560.214160235.8	558560.21	4160235.8	WRKR_908	5.52E-02	4.28E-04	5.56E-02
558560.214160245.8	558560.21	4160245.8	WRKR_909	5.80E-02	4.47E-04	5.84E-02
558560.214160255.8	558560.21	4160255.8	WRKR_910	6.10E-02	4.66E-04	6.15E-02
558570.214160235.8	558570.21	4160235.8	WRKR_911	5.51E-02	4.51E-04	5.56E-02
558570.214160245.8	558570.21	4160245.8	WRKR_912	5.79E-02	4.68E-04	5.84E-02
558570.214160255.8	558570.21	4160255.8	WRKR_913	6.10E-02	4.89E-04	6.15E-02
558580.214160235.8	558580.21	4160235.8	WRKR_914	5.51E-02	4.78E-04	5.56E-02
558580.214160245.8	558580.21	4160245.8	WRKR_915	5.80E-02	4.97E-04	5.85E-02
558590.214160235.8	558590.21	4160235.8	WRKR_916	5.52E-02	5.09E-04	5.57E-02
558590.214160245.8	558590.21	4160245.8	WRKR_917	5.81E-02	5.29E-04	5.86E-02
558600.214160245.8	558600.21	4160245.8	WRKR_918	5.83E-02	5.67E-04	5.88E-02

Cancer Risk
worker - offsite

XY	X	Y
557996.384160720.52	557996.38	4160720.52
557996.384160730.52	557996.38	4160730.52
557996.384160740.52	557996.38	4160740.52
558006.384160710.52	558006.38	4160710.52
558006.384160720.52	558006.38	4160720.52
558006.384160730.52	558006.38	4160730.52
558006.384160740.52	558006.38	4160740.52
558016.384160710.52	558016.38	4160710.52
558016.384160720.52	558016.38	4160720.52
558016.384160730.52	558016.38	4160730.52
558016.384160740.52	558016.38	4160740.52
558026.384160710.52	558026.38	4160710.52
558026.384160720.52	558026.38	4160720.52
558026.384160730.52	558026.38	4160730.52
558026.384160740.52	558026.38	4160740.52
558277.534160581.24	558277.53	4160581.24
558277.534160591.24	558277.53	4160591.24
558287.534160581.24	558287.53	4160581.24
558287.534160591.24	558287.53	4160591.24
558297.534160581.24	558297.53	4160581.24
558297.534160591.24	558297.53	4160591.24
558307.534160581.24	558307.53	4160581.24
558307.534160591.24	558307.53	4160591.24
558317.534160581.24	558317.53	4160581.24
558317.534160591.24	558317.53	4160591.24
558327.534160581.24	558327.53	4160581.24
558327.534160591.24	558327.53	4160591.24
558337.534160581.24	558337.53	4160581.24
558101.054160547.13	558101.05	4160547.13
558101.054160557.13	558101.05	4160557.13
558111.054160547.13	558111.05	4160547.13
558111.054160557.13	558111.05	4160557.13
558111.054160567.13	558111.05	4160567.13
558121.054160537.13	558121.05	4160537.13
558121.054160547.13	558121.05	4160547.13
558121.054160557.13	558121.05	4160557.13
558121.054160567.13	558121.05	4160567.13
558121.054160577.13	558121.05	4160577.13
558121.054160587.13	558121.05	4160587.13
558131.054160527.13	558131.05	4160527.13
558131.054160537.13	558131.05	4160537.13
558131.054160547.13	558131.05	4160547.13
558131.054160557.13	558131.05	4160557.13
558131.054160567.13	558131.05	4160567.13
558131.054160577.13	558131.05	4160577.13
558131.054160587.13	558131.05	4160587.13
558131.054160597.13	558131.05	4160597.13
558141.054160527.13	558141.05	4160527.13
558141.054160537.13	558141.05	4160537.13
558141.054160547.13	558141.05	4160547.13
558141.054160557.13	558141.05	4160557.13
558141.054160567.13	558141.05	4160567.13
558141.054160577.13	558141.05	4160577.13

CONSTRUCTION ONLY
Worker Cancer Risk

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

XY	X	Y	GROUP	Cancer Risk
557996.38416072	557996.38	4160720.52	WRKR_1	0.50
557996.38416073	557996.38	4160730.52	WRKR_2	0.49
557996.38416074	557996.38	4160740.52	WRKR_3	0.48
558006.38416071	558006.38	4160710.52	WRKR_4	0.57
558006.38416072	558006.38	4160720.52	WRKR_5	0.57
558006.38416073	558006.38	4160730.52	WRKR_6	0.55
558006.38416074	558006.38	4160740.52	WRKR_7	0.54
558016.38416071	558016.38	4160710.52	WRKR_8	0.65
558016.38416072	558016.38	4160720.52	WRKR_9	0.64
558016.38416073	558016.38	4160730.52	WRKR_10	0.62
558016.38416074	558016.38	4160740.52	WRKR_11	0.60
558026.38416071	558026.38	4160710.52	WRKR_12	0.74
558026.38416072	558026.38	4160720.52	WRKR_13	0.73
558026.38416073	558026.38	4160730.52	WRKR_14	0.71
558026.38416074	558026.38	4160740.52	WRKR_15	0.68
558277.53416058	558277.53	4160581.24	WRKR_16	1.97
558277.53416059	558277.53	4160591.24	WRKR_17	2.38
558287.53416058	558287.53	4160581.24	WRKR_18	1.92
558287.53416059	558287.53	4160591.24	WRKR_19	2.29
558297.53416058	558297.53	4160581.24	WRKR_20	1.85
558297.53416059	558297.53	4160591.24	WRKR_21	2.20
558307.53416058	558307.53	4160581.24	WRKR_22	1.77
558307.53416059	558307.53	4160591.24	WRKR_23	2.11
558317.53416058	558317.53	4160581.24	WRKR_24	1.70
558317.53416059	558317.53	4160591.24	WRKR_25	2.03
558327.53416058	558327.53	4160581.24	WRKR_26	1.63
558327.53416059	558327.53	4160591.24	WRKR_27	1.95
558337.53416058	558337.53	4160581.24	WRKR_28	1.54
558101.05416054	558101.05	4160547.13	WRKR_29	0.87
558101.05416055	558101.05	4160557.13	WRKR_30	0.95
558111.05416054	558111.05	4160547.13	WRKR_31	0.93
558111.05416055	558111.05	4160557.13	WRKR_32	1.02
558111.05416056	558111.05	4160567.13	WRKR_33	1.12
558121.05416053	558121.05	4160537.13	WRKR_34	0.90
558121.05416054	558121.05	4160547.13	WRKR_35	0.98
558121.05416055	558121.05	4160557.13	WRKR_36	1.08
558121.05416056	558121.05	4160567.13	WRKR_37	1.20
558121.05416057	558121.05	4160577.13	WRKR_38	1.33
558121.05416058	558121.05	4160587.13	WRKR_39	1.48
558131.05416052	558131.05	4160527.13	WRKR_40	0.86
558131.05416053	558131.05	4160537.13	WRKR_41	0.94
558131.05416054	558131.05	4160547.13	WRKR_42	1.04
558131.05416055	558131.05	4160557.13	WRKR_43	1.15
558131.05416056	558131.05	4160567.13	WRKR_44	1.28
558131.05416057	558131.05	4160577.13	WRKR_45	1.43
558131.05416058	558131.05	4160587.13	WRKR_46	1.60
558131.05416059	558131.05	4160597.13	WRKR_47	1.79
558141.05416052	558141.05	4160527.13	WRKR_48	0.89
558141.05416053	558141.05	4160537.13	WRKR_49	0.99
558141.05416054	558141.05	4160547.13	WRKR_50	1.09
558141.05416055	558141.05	4160557.13	WRKR_51	1.22
558141.05416056	558141.05	4160567.13	WRKR_52	1.36
558141.05416057	558141.05	4160577.13	WRKR_53	1.53

Cancer Risk
worker - offsite

XY	X	Y
558141.054160587.13	558141.05	4160587.13
558141.054160597.13	558141.05	4160597.13
558141.054160607.13	558141.05	4160607.13
558151.054160537.13	558151.05	4160537.13
558151.054160547.13	558151.05	4160547.13
558151.054160557.13	558151.05	4160557.13
558151.054160567.13	558151.05	4160567.13
558151.054160577.13	558151.05	4160577.13
558151.054160587.13	558151.05	4160587.13
558151.054160597.13	558151.05	4160597.13
558151.054160607.13	558151.05	4160607.13
558151.054160617.13	558151.05	4160617.13 MAX HERE
558161.054160547.13	558161.05	4160547.13
558161.054160557.13	558161.05	4160557.13
558161.054160567.13	558161.05	4160567.13
558161.054160577.13	558161.05	4160577.13
558161.054160587.13	558161.05	4160587.13
558161.054160597.13	558161.05	4160597.13
558161.054160607.13	558161.05	4160607.13
558171.054160557.13	558171.05	4160557.13
558171.054160567.13	558171.05	4160567.13
558171.054160577.13	558171.05	4160577.13
558171.054160587.13	558171.05	4160587.13
558171.054160597.13	558171.05	4160597.13
558181.054160567.13	558181.05	4160567.13
558181.054160577.13	558181.05	4160577.13
558181.054160587.13	558181.05	4160587.13
558191.054160577.13	558191.05	4160577.13
558368.544160582.33	558368.54	4160582.33
558378.544160582.33	558378.54	4160582.33
558378.544160592.33	558378.54	4160592.33
558378.544160602.33	558378.54	4160602.33
558378.544160612.33	558378.54	4160612.33
558388.544160582.33	558388.54	4160582.33
558388.544160592.33	558388.54	4160592.33
558388.544160602.33	558388.54	4160602.33
558388.544160612.33	558388.54	4160612.33
558398.544160582.33	558398.54	4160582.33
558398.544160592.33	558398.54	4160592.33
558398.544160602.33	558398.54	4160602.33
558398.544160612.33	558398.54	4160612.33
558186.784160496.28	558186.78	4160496.28
558186.784160506.28	558186.78	4160506.28
558196.784160496.28	558196.78	4160496.28
558196.784160506.28	558196.78	4160506.28
558196.784160516.28	558196.78	4160516.28
558196.784160526.28	558196.78	4160526.28
558206.784160506.28	558206.78	4160506.28
558206.784160516.28	558206.78	4160516.28
558206.784160526.28	558206.78	4160526.28
558206.784160536.28	558206.78	4160536.28
558216.784160516.28	558216.78	4160516.28
558216.784160526.28	558216.78	4160526.28

CONSTRUCTION ONLY
Worker Cancer Risk

XY	X	Y	GROUP	Cancer Risk
558141.05416058	558141.05	4160587.13	WRKR_54	1.72
558141.05416059	558141.05	4160597.13	WRKR_55	1.94
558141.05416060	558141.05	4160607.13	WRKR_56	2.19
558151.05416053	558151.05	4160537.13	WRKR_57	1.03
558151.05416054	558151.05	4160547.13	WRKR_58	1.15
558151.05416055	558151.05	4160557.13	WRKR_59	1.28
558151.05416056	558151.05	4160567.13	WRKR_60	1.45
558151.05416057	558151.05	4160577.13	WRKR_61	1.64
558151.05416058	558151.05	4160587.13	WRKR_62	1.85
558151.05416059	558151.05	4160597.13	WRKR_63	2.12
558151.05416060	558151.05	4160607.13	WRKR_64	2.43
558151.05416061	558151.05	4160617.13	WRKR_65	2.78
558161.05416054	558161.05	4160547.13	WRKR_66	1.21
558161.05416055	558161.05	4160557.13	WRKR_67	1.35
558161.05416056	558161.05	4160567.13	WRKR_68	1.53
558161.05416057	558161.05	4160577.13	WRKR_69	1.74
558161.05416058	558161.05	4160587.13	WRKR_70	1.99
558161.05416059	558161.05	4160597.13	WRKR_71	2.33
558161.05416060	558161.05	4160607.13	WRKR_72	2.66
558171.05416055	558171.05	4160557.13	WRKR_73	1.43
558171.05416056	558171.05	4160567.13	WRKR_74	1.61
558171.05416057	558171.05	4160577.13	WRKR_75	1.85
558171.05416058	558171.05	4160587.13	WRKR_76	2.13
558171.05416059	558171.05	4160597.13	WRKR_77	2.52
558181.05416056	558181.05	4160567.13	WRKR_78	1.70
558181.05416057	558181.05	4160577.13	WRKR_79	1.95
558181.05416058	558181.05	4160587.13	WRKR_80	2.27
558191.05416057	558191.05	4160577.13	WRKR_81	2.04
558368.54416058	558368.54	4160582.33	WRKR_82	1.36
558378.54416058	558378.54	4160582.33	WRKR_83	1.29
558378.54416059	558378.54	4160592.33	WRKR_84	1.46
558378.54416060	558378.54	4160602.33	WRKR_85	1.64
558378.54416061	558378.54	4160612.33	WRKR_86	1.92
558388.54416058	558388.54	4160582.33	WRKR_87	1.21
558388.54416059	558388.54	4160592.33	WRKR_88	1.35
558388.54416060	558388.54	4160602.33	WRKR_89	1.52
558388.54416061	558388.54	4160612.33	WRKR_90	1.76
558398.54416058	558398.54	4160582.33	WRKR_91	1.11
558398.54416059	558398.54	4160592.33	WRKR_92	1.24
558398.54416060	558398.54	4160602.33	WRKR_93	1.40
558398.54416061	558398.54	4160612.33	WRKR_94	1.61
558186.78416049	558186.78	4160496.28	WRKR_95	0.68
558186.78416050	558186.78	4160506.28	WRKR_96	0.75
558196.78416049	558196.78	4160496.28	WRKR_97	0.68
558196.78416050	558196.78	4160506.28	WRKR_98	0.75
558196.78416051	558196.78	4160516.28	WRKR_99	0.83
558196.78416052	558196.78	4160526.28	WRKR_100	0.94
558206.78416050	558206.78	4160506.28	WRKR_101	0.75
558206.78416051	558206.78	4160516.28	WRKR_102	0.83
558206.78416052	558206.78	4160526.28	WRKR_103	0.93
558206.78416053	558206.78	4160536.28	WRKR_104	1.06
558216.78416051	558216.78	4160516.28	WRKR_105	0.82
558216.78416052	558216.78	4160526.28	WRKR_106	0.92

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

Cancer Risk
worker - offsite

XY	X	Y
558216.784160536.28	558216.78	4160536.28
558216.784160546.28	558216.78	4160546.28
558226.784160526.28	558226.78	4160526.28
558226.784160536.28	558226.78	4160536.28
558226.784160546.28	558226.78	4160546.28
558236.784160536.28	558236.78	4160536.28
558115.174160402.59	558115.17	4160402.59
558115.174160412.59	558115.17	4160412.59
558115.174160422.59	558115.17	4160422.59
558115.174160432.59	558115.17	4160432.59
558115.174160442.59	558115.17	4160442.59
558125.174160392.59	558125.17	4160392.59
558125.174160402.59	558125.17	4160402.59
558125.174160412.59	558125.17	4160412.59
558125.174160422.59	558125.17	4160422.59
558125.174160432.59	558125.17	4160432.59
558125.174160442.59	558125.17	4160442.59
558135.174160372.59	558135.17	4160372.59
558135.174160382.59	558135.17	4160382.59
558135.174160392.59	558135.17	4160392.59
558135.174160402.59	558135.17	4160402.59
558135.174160412.59	558135.17	4160412.59
558135.174160422.59	558135.17	4160422.59
558135.174160432.59	558135.17	4160432.59
558135.174160442.59	558135.17	4160442.59
558145.174160372.59	558145.17	4160372.59
558145.174160382.59	558145.17	4160382.59
558145.174160392.59	558145.17	4160392.59
558145.174160402.59	558145.17	4160402.59
558145.174160412.59	558145.17	4160412.59
558145.174160422.59	558145.17	4160422.59
558145.174160432.59	558145.17	4160432.59
558145.174160442.59	558145.17	4160442.59
558155.174160372.59	558155.17	4160372.59
558155.174160382.59	558155.17	4160382.59
558155.174160392.59	558155.17	4160392.59
558155.174160402.59	558155.17	4160402.59
558155.174160412.59	558155.17	4160412.59
558155.174160422.59	558155.17	4160422.59
558155.174160432.59	558155.17	4160432.59
558155.174160442.59	558155.17	4160442.59
558165.174160362.59	558165.17	4160362.59
558165.174160372.59	558165.17	4160372.59
558165.174160382.59	558165.17	4160382.59
558165.174160392.59	558165.17	4160392.59
558165.174160402.59	558165.17	4160402.59
558165.174160412.59	558165.17	4160412.59
558165.174160422.59	558165.17	4160422.59
558165.174160432.59	558165.17	4160432.59
558175.174160362.59	558175.17	4160362.59
558175.174160372.59	558175.17	4160372.59
558175.174160382.59	558175.17	4160382.59
558175.174160392.59	558175.17	4160392.59

CONSTRUCTION ONLY
Worker Cancer Risk

XY	X	Y	GROUP	Cancer Risk
558216.78416053	558216.78	4160536.28	WRKR_107	1.04
558216.78416054	558216.78	4160546.28	WRKR_108	1.19
558226.78416052	558226.78	4160526.28	WRKR_109	0.91
558226.78416053	558226.78	4160536.28	WRKR_110	1.03
558226.78416054	558226.78	4160546.28	WRKR_111	1.18
558236.78416053	558236.78	4160536.28	WRKR_112	1.00
558115.17416040	558115.17	4160402.59	WRKR_113	0.32
558115.17416041	558115.17	4160412.59	WRKR_114	0.34
558115.17416042	558115.17	4160422.59	WRKR_115	0.36
558115.17416043	558115.17	4160432.59	WRKR_116	0.39
558115.17416044	558115.17	4160442.59	WRKR_117	0.41
558125.17416039	558125.17	4160392.59	WRKR_118	0.30
558125.17416040	558125.17	4160402.59	WRKR_119	0.32
558125.17416041	558125.17	4160412.59	WRKR_120	0.34
558125.17416042	558125.17	4160422.59	WRKR_121	0.36
558125.17416043	558125.17	4160432.59	WRKR_122	0.39
558125.17416044	558125.17	4160442.59	WRKR_123	0.42
558135.17416037	558135.17	4160372.59	WRKR_124	0.26
558135.17416038	558135.17	4160382.59	WRKR_125	0.28
558135.17416039	558135.17	4160392.59	WRKR_126	0.30
558135.17416040	558135.17	4160402.59	WRKR_127	0.32
558135.17416041	558135.17	4160412.59	WRKR_128	0.34
558135.17416042	558135.17	4160422.59	WRKR_129	0.37
558135.17416043	558135.17	4160432.59	WRKR_130	0.40
558135.17416044	558135.17	4160442.59	WRKR_131	0.43
558145.17416037	558145.17	4160372.59	WRKR_132	0.26
558145.17416038	558145.17	4160382.59	WRKR_133	0.28
558145.17416039	558145.17	4160392.59	WRKR_134	0.30
558145.17416040	558145.17	4160402.59	WRKR_135	0.32
558145.17416041	558145.17	4160412.59	WRKR_136	0.35
558145.17416042	558145.17	4160422.59	WRKR_137	0.37
558145.17416043	558145.17	4160432.59	WRKR_138	0.40
558145.17416044	558145.17	4160442.59	WRKR_139	0.43
558155.17416037	558155.17	4160372.59	WRKR_140	0.26
558155.17416038	558155.17	4160382.59	WRKR_141	0.28
558155.17416039	558155.17	4160392.59	WRKR_142	0.30
558155.17416040	558155.17	4160402.59	WRKR_143	0.32
558155.17416041	558155.17	4160412.59	WRKR_144	0.35
558155.17416042	558155.17	4160422.59	WRKR_145	0.37
558155.17416043	558155.17	4160432.59	WRKR_146	0.40
558155.17416044	558155.17	4160442.59	WRKR_147	0.43
558165.17416036	558165.17	4160362.59	WRKR_148	0.24
558165.17416037	558165.17	4160372.59	WRKR_149	0.26
558165.17416038	558165.17	4160382.59	WRKR_150	0.28
558165.17416039	558165.17	4160392.59	WRKR_151	0.30
558165.17416040	558165.17	4160402.59	WRKR_152	0.32
558165.17416041	558165.17	4160412.59	WRKR_153	0.34
558165.17416042	558165.17	4160422.59	WRKR_154	0.37
558165.17416043	558165.17	4160432.59	WRKR_155	0.40
558175.17416036	558175.17	4160362.59	WRKR_156	0.24
558175.17416037	558175.17	4160372.59	WRKR_157	0.26
558175.17416038	558175.17	4160382.59	WRKR_158	0.28
558175.17416039	558175.17	4160392.59	WRKR_159	0.30

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

Cancer Risk
worker - offsite

XY	X	Y
558175.174160402.59	558175.17	4160402.59
558175.174160412.59	558175.17	4160412.59
558175.174160422.59	558175.17	4160422.59
558185.174160362.59	558185.17	4160362.59
558185.174160372.59	558185.17	4160372.59
558185.174160382.59	558185.17	4160382.59
558185.174160392.59	558185.17	4160392.59
558185.174160402.59	558185.17	4160402.59
558185.174160412.59	558185.17	4160412.59
558185.174160422.59	558185.17	4160422.59
558185.174160432.59	558185.17	4160432.59
558185.174160442.59	558185.17	4160442.59
558195.174160362.59	558195.17	4160362.59
558195.174160372.59	558195.17	4160372.59
558195.174160382.59	558195.17	4160382.59
558195.174160392.59	558195.17	4160392.59
558195.174160402.59	558195.17	4160402.59
558195.174160412.59	558195.17	4160412.59
558195.174160422.59	558195.17	4160422.59
558195.174160432.59	558195.17	4160432.59
558195.174160442.59	558195.17	4160442.59
558195.174160452.59	558195.17	4160452.59
558205.174160362.59	558205.17	4160362.59
558205.174160372.59	558205.17	4160372.59
558205.174160382.59	558205.17	4160382.59
558205.174160392.59	558205.17	4160392.59
558205.174160402.59	558205.17	4160402.59
558205.174160412.59	558205.17	4160412.59
558205.174160422.59	558205.17	4160422.59
558205.174160432.59	558205.17	4160432.59
558205.174160442.59	558205.17	4160442.59
558205.174160452.59	558205.17	4160452.59
558205.174160462.59	558205.17	4160462.59
558215.174160362.59	558215.17	4160362.59
558215.174160372.59	558215.17	4160372.59
558215.174160382.59	558215.17	4160382.59
558215.174160392.59	558215.17	4160392.59
558215.174160402.59	558215.17	4160402.59
558215.174160412.59	558215.17	4160412.59
558215.174160422.59	558215.17	4160422.59
558215.174160432.59	558215.17	4160432.59
558215.174160442.59	558215.17	4160442.59
558215.174160452.59	558215.17	4160452.59
558215.174160462.59	558215.17	4160462.59
558215.174160472.59	558215.17	4160472.59
558225.174160362.59	558225.17	4160362.59
558225.174160372.59	558225.17	4160372.59
558225.174160382.59	558225.17	4160382.59
558225.174160392.59	558225.17	4160392.59
558225.174160402.59	558225.17	4160402.59
558225.174160412.59	558225.17	4160412.59
558225.174160422.59	558225.17	4160422.59
558225.174160432.59	558225.17	4160432.59

CONSTRUCTION ONLY
Worker Cancer Risk

XY	X	Y	GROUP	Cancer Risk
558175.17416040	558175.17	4160402.59	WRKR_160	0.32
558175.17416041	558175.17	4160412.59	WRKR_161	0.34
558175.17416042	558175.17	4160422.59	WRKR_162	0.37
558185.17416036	558185.17	4160362.59	WRKR_163	0.24
558185.17416037	558185.17	4160372.59	WRKR_164	0.25
558185.17416038	558185.17	4160382.59	WRKR_165	0.27
558185.17416039	558185.17	4160392.59	WRKR_166	0.29
558185.17416040	558185.17	4160402.59	WRKR_167	0.31
558185.17416041	558185.17	4160412.59	WRKR_168	0.34
558185.17416042	558185.17	4160422.59	WRKR_169	0.36
558185.17416043	558185.17	4160432.59	WRKR_170	0.39
558185.17416044	558185.17	4160442.59	WRKR_171	0.43
558195.17416036	558195.17	4160362.59	WRKR_172	0.23
558195.17416037	558195.17	4160372.59	WRKR_173	0.25
558195.17416038	558195.17	4160382.59	WRKR_174	0.27
558195.17416039	558195.17	4160392.59	WRKR_175	0.29
558195.17416040	558195.17	4160402.59	WRKR_176	0.31
558195.17416041	558195.17	4160412.59	WRKR_177	0.33
558195.17416042	558195.17	4160422.59	WRKR_178	0.36
558195.17416043	558195.17	4160432.59	WRKR_179	0.39
558195.17416044	558195.17	4160442.59	WRKR_180	0.42
558195.17416045	558195.17	4160452.59	WRKR_181	0.45
558205.17416036	558205.17	4160362.59	WRKR_182	0.23
558205.17416037	558205.17	4160372.59	WRKR_183	0.25
558205.17416038	558205.17	4160382.59	WRKR_184	0.26
558205.17416039	558205.17	4160392.59	WRKR_185	0.28
558205.17416040	558205.17	4160402.59	WRKR_186	0.30
558205.17416041	558205.17	4160412.59	WRKR_187	0.33
558205.17416042	558205.17	4160422.59	WRKR_188	0.35
558205.17416043	558205.17	4160432.59	WRKR_189	0.38
558205.17416044	558205.17	4160442.59	WRKR_190	0.41
558205.17416045	558205.17	4160452.59	WRKR_191	0.45
558205.17416046	558205.17	4160462.59	WRKR_192	0.49
558215.17416036	558215.17	4160362.59	WRKR_193	0.23
558215.17416037	558215.17	4160372.59	WRKR_194	0.24
558215.17416038	558215.17	4160382.59	WRKR_195	0.26
558215.17416039	558215.17	4160392.59	WRKR_196	0.28
558215.17416040	558215.17	4160402.59	WRKR_197	0.30
558215.17416041	558215.17	4160412.59	WRKR_198	0.32
558215.17416042	558215.17	4160422.59	WRKR_199	0.34
558215.17416043	558215.17	4160432.59	WRKR_200	0.37
558215.17416044	558215.17	4160442.59	WRKR_201	0.40
558215.17416045	558215.17	4160452.59	WRKR_202	0.44
558215.17416046	558215.17	4160462.59	WRKR_203	0.48
558215.17416047	558215.17	4160472.59	WRKR_204	0.52
558225.17416036	558225.17	4160362.59	WRKR_205	0.22
558225.17416037	558225.17	4160372.59	WRKR_206	0.23
558225.17416038	558225.17	4160382.59	WRKR_207	0.25
558225.17416039	558225.17	4160392.59	WRKR_208	0.27
558225.17416040	558225.17	4160402.59	WRKR_209	0.29
558225.17416041	558225.17	4160412.59	WRKR_210	0.31
558225.17416042	558225.17	4160422.59	WRKR_211	0.34
558225.17416043	558225.17	4160432.59	WRKR_212	0.36

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

Cancer Risk
worker - offsite

XY	X	Y
558225.174160442.59	558225.17	4160442.59
558225.174160452.59	558225.17	4160452.59
558225.174160462.59	558225.17	4160462.59
558225.174160472.59	558225.17	4160472.59
558225.174160482.59	558225.17	4160482.59
558235.174160362.59	558235.17	4160362.59
558235.174160372.59	558235.17	4160372.59
558235.174160382.59	558235.17	4160382.59
558235.174160392.59	558235.17	4160392.59
558235.174160402.59	558235.17	4160402.59
558235.174160412.59	558235.17	4160412.59
558235.174160422.59	558235.17	4160422.59
558235.174160432.59	558235.17	4160432.59
558235.174160442.59	558235.17	4160442.59
558235.174160452.59	558235.17	4160452.59
558235.174160462.59	558235.17	4160462.59
558235.174160472.59	558235.17	4160472.59
558235.174160482.59	558235.17	4160482.59
558235.174160492.59	558235.17	4160492.59
558245.174160362.59	558245.17	4160362.59
558245.174160372.59	558245.17	4160372.59
558245.174160382.59	558245.17	4160382.59
558245.174160392.59	558245.17	4160392.59
558245.174160402.59	558245.17	4160402.59
558245.174160412.59	558245.17	4160412.59
558245.174160422.59	558245.17	4160422.59
558245.174160432.59	558245.17	4160432.59
558245.174160442.59	558245.17	4160442.59
558245.174160452.59	558245.17	4160452.59
558245.174160462.59	558245.17	4160462.59
558245.174160472.59	558245.17	4160472.59
558245.174160482.59	558245.17	4160482.59
558245.174160492.59	558245.17	4160492.59
558245.174160502.59	558245.17	4160502.59
558255.174160362.59	558255.17	4160362.59
558255.174160372.59	558255.17	4160372.59
558255.174160382.59	558255.17	4160382.59
558255.174160392.59	558255.17	4160392.59
558255.174160402.59	558255.17	4160402.59
558255.174160412.59	558255.17	4160412.59
558255.174160422.59	558255.17	4160422.59
558255.174160432.59	558255.17	4160432.59
558255.174160442.59	558255.17	4160442.59
558255.174160452.59	558255.17	4160452.59
558255.174160462.59	558255.17	4160462.59
558255.174160472.59	558255.17	4160472.59
558255.174160482.59	558255.17	4160482.59
558255.174160492.59	558255.17	4160492.59
558255.174160502.59	558255.17	4160502.59
558255.174160512.59	558255.17	4160512.59
558265.174160362.59	558265.17	4160362.59
558265.174160372.59	558265.17	4160372.59
558265.174160382.59	558265.17	4160382.59

CONSTRUCTION ONLY
Worker Cancer Risk

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

XY	X	Y	GROUP	Cancer Risk
558225.17416044	558225.17	4160442.59	WRKR_213	0.39
558225.17416045	558225.17	4160452.59	WRKR_214	0.43
558225.17416046	558225.17	4160462.59	WRKR_215	0.47
558225.17416047	558225.17	4160472.59	WRKR_216	0.51
558225.17416048	558225.17	4160482.59	WRKR_217	0.56
558235.17416036	558235.17	4160362.59	WRKR_218	0.21
558235.17416037	558235.17	4160372.59	WRKR_219	0.23
558235.17416038	558235.17	4160382.59	WRKR_220	0.24
558235.17416039	558235.17	4160392.59	WRKR_221	0.26
558235.17416040	558235.17	4160402.59	WRKR_222	0.28
558235.17416041	558235.17	4160412.59	WRKR_223	0.30
558235.17416042	558235.17	4160422.59	WRKR_224	0.33
558235.17416043	558235.17	4160432.59	WRKR_225	0.35
558235.17416044	558235.17	4160442.59	WRKR_226	0.38
558235.17416045	558235.17	4160452.59	WRKR_227	0.42
558235.17416046	558235.17	4160462.59	WRKR_228	0.45
558235.17416047	558235.17	4160472.59	WRKR_229	0.50
558235.17416048	558235.17	4160482.59	WRKR_230	0.55
558235.17416049	558235.17	4160492.59	WRKR_231	0.60
558245.17416036	558245.17	4160362.59	WRKR_232	0.21
558245.17416037	558245.17	4160372.59	WRKR_233	0.22
558245.17416038	558245.17	4160382.59	WRKR_234	0.24
558245.17416039	558245.17	4160392.59	WRKR_235	0.26
558245.17416040	558245.17	4160402.59	WRKR_236	0.27
558245.17416041	558245.17	4160412.59	WRKR_237	0.29
558245.17416042	558245.17	4160422.59	WRKR_238	0.32
558245.17416043	558245.17	4160432.59	WRKR_239	0.34
558245.17416044	558245.17	4160442.59	WRKR_240	0.37
558245.17416045	558245.17	4160452.59	WRKR_241	0.40
558245.17416046	558245.17	4160462.59	WRKR_242	0.44
558245.17416047	558245.17	4160472.59	WRKR_243	0.48
558245.17416048	558245.17	4160482.59	WRKR_244	0.53
558245.17416049	558245.17	4160492.59	WRKR_245	0.58
558245.17416050	558245.17	4160502.59	WRKR_246	0.65
558255.17416036	558255.17	4160362.59	WRKR_247	0.20
558255.17416037	558255.17	4160372.59	WRKR_248	0.22
558255.17416038	558255.17	4160382.59	WRKR_249	0.23
558255.17416039	558255.17	4160392.59	WRKR_250	0.25
558255.17416040	558255.17	4160402.59	WRKR_251	0.27
558255.17416041	558255.17	4160412.59	WRKR_252	0.29
558255.17416042	558255.17	4160422.59	WRKR_253	0.31
558255.17416043	558255.17	4160432.59	WRKR_254	0.33
558255.17416044	558255.17	4160442.59	WRKR_255	0.36
558255.17416045	558255.17	4160452.59	WRKR_256	0.39
558255.17416046	558255.17	4160462.59	WRKR_257	0.43
558255.17416047	558255.17	4160472.59	WRKR_258	0.47
558255.17416048	558255.17	4160482.59	WRKR_259	0.52
558255.17416049	558255.17	4160492.59	WRKR_260	0.57
558255.17416050	558255.17	4160502.59	WRKR_261	0.63
558255.17416051	558255.17	4160512.59	WRKR_262	0.70
558265.17416036	558265.17	4160362.59	WRKR_263	0.20
558265.17416037	558265.17	4160372.59	WRKR_264	0.21
558265.17416038	558265.17	4160382.59	WRKR_265	0.22

Cancer Risk
worker - offsite

XY	X	Y
558265.174160392.59	558265.17	4160392.59
558265.174160402.59	558265.17	4160402.59
558265.174160412.59	558265.17	4160412.59
558265.174160422.59	558265.17	4160422.59
558265.174160432.59	558265.17	4160432.59
558265.174160442.59	558265.17	4160442.59
558265.174160452.59	558265.17	4160452.59
558265.174160462.59	558265.17	4160462.59
558265.174160472.59	558265.17	4160472.59
558265.174160482.59	558265.17	4160482.59
558265.174160492.59	558265.17	4160492.59
558265.174160502.59	558265.17	4160502.59
558265.174160512.59	558265.17	4160512.59
558265.174160522.59	558265.17	4160522.59
558275.174160362.59	558275.17	4160362.59
558275.174160372.59	558275.17	4160372.59
558275.174160382.59	558275.17	4160382.59
558275.174160392.59	558275.17	4160392.59
558275.174160402.59	558275.17	4160402.59
558275.174160412.59	558275.17	4160412.59
558275.174160422.59	558275.17	4160422.59
558275.174160432.59	558275.17	4160432.59
558275.174160442.59	558275.17	4160442.59
558275.174160452.59	558275.17	4160452.59
558275.174160462.59	558275.17	4160462.59
558275.174160472.59	558275.17	4160472.59
558275.174160482.59	558275.17	4160482.59
558275.174160492.59	558275.17	4160492.59
558275.174160502.59	558275.17	4160502.59
558275.174160512.59	558275.17	4160512.59
558275.174160522.59	558275.17	4160522.59
558275.174160532.59	558275.17	4160532.59
558285.174160362.59	558285.17	4160362.59
558285.174160372.59	558285.17	4160372.59
558285.174160382.59	558285.17	4160382.59
558285.174160392.59	558285.17	4160392.59
558285.174160402.59	558285.17	4160402.59
558285.174160412.59	558285.17	4160412.59
558285.174160422.59	558285.17	4160422.59
558285.174160432.59	558285.17	4160432.59
558285.174160442.59	558285.17	4160442.59
558285.174160452.59	558285.17	4160452.59
558285.174160462.59	558285.17	4160462.59
558285.174160472.59	558285.17	4160472.59
558285.174160482.59	558285.17	4160482.59
558285.174160492.59	558285.17	4160492.59
558285.174160502.59	558285.17	4160502.59
558285.174160512.59	558285.17	4160512.59
558285.174160522.59	558285.17	4160522.59
558285.174160532.59	558285.17	4160532.59
558295.174160362.59	558295.17	4160362.59
558295.174160372.59	558295.17	4160372.59
558295.174160382.59	558295.17	4160382.59

CONSTRUCTION ONLY
Worker Cancer Risk

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

XY	X	Y	GROUP	Cancer Risk
558265.17416039	558265.17	4160392.59	WRKR_266	0.24
558265.17416040	558265.17	4160402.59	WRKR_267	0.26
558265.17416041	558265.17	4160412.59	WRKR_268	0.28
558265.17416042	558265.17	4160422.59	WRKR_269	0.30
558265.17416043	558265.17	4160432.59	WRKR_270	0.32
558265.17416044	558265.17	4160442.59	WRKR_271	0.35
558265.17416045	558265.17	4160452.59	WRKR_272	0.38
558265.17416046	558265.17	4160462.59	WRKR_273	0.41
558265.17416047	558265.17	4160472.59	WRKR_274	0.45
558265.17416048	558265.17	4160482.59	WRKR_275	0.50
558265.17416049	558265.17	4160492.59	WRKR_276	0.55
558265.17416050	558265.17	4160502.59	WRKR_277	0.62
558265.17416051	558265.17	4160512.59	WRKR_278	0.68
558265.17416052	558265.17	4160522.59	WRKR_279	0.77
558275.17416036	558275.17	4160362.59	WRKR_280	0.19
558275.17416037	558275.17	4160372.59	WRKR_281	0.20
558275.17416038	558275.17	4160382.59	WRKR_282	0.22
558275.17416039	558275.17	4160392.59	WRKR_283	0.23
558275.17416040	558275.17	4160402.59	WRKR_284	0.25
558275.17416041	558275.17	4160412.59	WRKR_285	0.27
558275.17416042	558275.17	4160422.59	WRKR_286	0.29
558275.17416043	558275.17	4160432.59	WRKR_287	0.31
558275.17416044	558275.17	4160442.59	WRKR_288	0.34
558275.17416045	558275.17	4160452.59	WRKR_289	0.37
558275.17416046	558275.17	4160462.59	WRKR_290	0.40
558275.17416047	558275.17	4160472.59	WRKR_291	0.44
558275.17416048	558275.17	4160482.59	WRKR_292	0.49
558275.17416049	558275.17	4160492.59	WRKR_293	0.54
558275.17416050	558275.17	4160502.59	WRKR_294	0.60
558275.17416051	558275.17	4160512.59	WRKR_295	0.67
558275.17416052	558275.17	4160522.59	WRKR_296	0.76
558275.17416053	558275.17	4160532.59	WRKR_297	0.86
558285.17416036	558285.17	4160362.59	WRKR_298	0.19
558285.17416037	558285.17	4160372.59	WRKR_299	0.20
558285.17416038	558285.17	4160382.59	WRKR_300	0.21
558285.17416039	558285.17	4160392.59	WRKR_301	0.23
558285.17416040	558285.17	4160402.59	WRKR_302	0.24
558285.17416041	558285.17	4160412.59	WRKR_303	0.26
558285.17416042	558285.17	4160422.59	WRKR_304	0.28
558285.17416043	558285.17	4160432.59	WRKR_305	0.30
558285.17416044	558285.17	4160442.59	WRKR_306	0.33
558285.17416045	558285.17	4160452.59	WRKR_307	0.36
558285.17416046	558285.17	4160462.59	WRKR_308	0.39
558285.17416047	558285.17	4160472.59	WRKR_309	0.43
558285.17416048	558285.17	4160482.59	WRKR_310	0.47
558285.17416049	558285.17	4160492.59	WRKR_311	0.52
558285.17416050	558285.17	4160502.59	WRKR_312	0.58
558285.17416051	558285.17	4160512.59	WRKR_313	0.66
558285.17416052	558285.17	4160522.59	WRKR_314	0.74
558285.17416053	558285.17	4160532.59	WRKR_315	0.85
558295.17416036	558295.17	4160362.59	WRKR_316	0.18
558295.17416037	558295.17	4160372.59	WRKR_317	0.19
558295.17416038	558295.17	4160382.59	WRKR_318	0.20

Cancer Risk
worker - offsite

XY	X	Y
558295.174160392.59	558295.17	4160392.59
558295.174160402.59	558295.17	4160402.59
558295.174160412.59	558295.17	4160412.59
558295.174160422.59	558295.17	4160422.59
558295.174160432.59	558295.17	4160432.59
558295.174160442.59	558295.17	4160442.59
558295.174160452.59	558295.17	4160452.59
558295.174160462.59	558295.17	4160462.59
558295.174160472.59	558295.17	4160472.59
558295.174160482.59	558295.17	4160482.59
558295.174160492.59	558295.17	4160492.59
558295.174160502.59	558295.17	4160502.59
558295.174160512.59	558295.17	4160512.59
558295.174160522.59	558295.17	4160522.59
558295.174160532.59	558295.17	4160532.59
558305.174160362.59	558305.17	4160362.59
558305.174160372.59	558305.17	4160372.59
558305.174160382.59	558305.17	4160382.59
558305.174160392.59	558305.17	4160392.59
558305.174160402.59	558305.17	4160402.59
558305.174160412.59	558305.17	4160412.59
558305.174160422.59	558305.17	4160422.59
558305.174160432.59	558305.17	4160432.59
558305.174160442.59	558305.17	4160442.59
558305.174160452.59	558305.17	4160452.59
558305.174160462.59	558305.17	4160462.59
558305.174160472.59	558305.17	4160472.59
558305.174160482.59	558305.17	4160482.59
558305.174160492.59	558305.17	4160492.59
558305.174160502.59	558305.17	4160502.59
558305.174160512.59	558305.17	4160512.59
558305.174160522.59	558305.17	4160522.59
558305.174160532.59	558305.17	4160532.59
558315.174160362.59	558315.17	4160362.59
558315.174160372.59	558315.17	4160372.59
558315.174160382.59	558315.17	4160382.59
558315.174160392.59	558315.17	4160392.59
558315.174160402.59	558315.17	4160402.59
558315.174160412.59	558315.17	4160412.59
558315.174160422.59	558315.17	4160422.59
558315.174160432.59	558315.17	4160432.59
558315.174160442.59	558315.17	4160442.59
558315.174160452.59	558315.17	4160452.59
558315.174160462.59	558315.17	4160462.59
558315.174160472.59	558315.17	4160472.59
558315.174160482.59	558315.17	4160482.59
558315.174160492.59	558315.17	4160492.59
558315.174160502.59	558315.17	4160502.59
558315.174160512.59	558315.17	4160512.59
558315.174160522.59	558315.17	4160522.59
558315.174160532.59	558315.17	4160532.59
558325.174160362.59	558325.17	4160362.59
558325.174160372.59	558325.17	4160372.59

CONSTRUCTION ONLY
Worker Cancer Risk

XY	X	Y	GROUP	Cancer Risk
558295.17416039	558295.17	4160392.59	WRKR_319	0.22
558295.17416040	558295.17	4160402.59	WRKR_320	0.23
558295.17416041	558295.17	4160412.59	WRKR_321	0.25
558295.17416042	558295.17	4160422.59	WRKR_322	0.27
558295.17416043	558295.17	4160432.59	WRKR_323	0.29
558295.17416044	558295.17	4160442.59	WRKR_324	0.32
558295.17416045	558295.17	4160452.59	WRKR_325	0.35
558295.17416046	558295.17	4160462.59	WRKR_326	0.38
558295.17416047	558295.17	4160472.59	WRKR_327	0.42
558295.17416048	558295.17	4160482.59	WRKR_328	0.46
558295.17416049	558295.17	4160492.59	WRKR_329	0.51
558295.17416050	558295.17	4160502.59	WRKR_330	0.57
558295.17416051	558295.17	4160512.59	WRKR_331	0.64
558295.17416052	558295.17	4160522.59	WRKR_332	0.73
558295.17416053	558295.17	4160532.59	WRKR_333	0.83
558305.17416036	558305.17	4160362.59	WRKR_334	0.17
558305.17416037	558305.17	4160372.59	WRKR_335	0.18
558305.17416038	558305.17	4160382.59	WRKR_336	0.20
558305.17416039	558305.17	4160392.59	WRKR_337	0.21
558305.17416040	558305.17	4160402.59	WRKR_338	0.23
558305.17416041	558305.17	4160412.59	WRKR_339	0.24
558305.17416042	558305.17	4160422.59	WRKR_340	0.26
558305.17416043	558305.17	4160432.59	WRKR_341	0.28
558305.17416044	558305.17	4160442.59	WRKR_342	0.31
558305.17416045	558305.17	4160452.59	WRKR_343	0.34
558305.17416046	558305.17	4160462.59	WRKR_344	0.37
558305.17416047	558305.17	4160472.59	WRKR_345	0.40
558305.17416048	558305.17	4160482.59	WRKR_346	0.45
558305.17416049	558305.17	4160492.59	WRKR_347	0.50
558305.17416050	558305.17	4160502.59	WRKR_348	0.56
558305.17416051	558305.17	4160512.59	WRKR_349	0.63
558305.17416052	558305.17	4160522.59	WRKR_350	0.72
558305.17416053	558305.17	4160532.59	WRKR_351	0.82
558315.17416036	558315.17	4160362.59	WRKR_352	0.17
558315.17416037	558315.17	4160372.59	WRKR_353	0.18
558315.17416038	558315.17	4160382.59	WRKR_354	0.19
558315.17416039	558315.17	4160392.59	WRKR_355	0.20
558315.17416040	558315.17	4160402.59	WRKR_356	0.22
558315.17416041	558315.17	4160412.59	WRKR_357	0.24
558315.17416042	558315.17	4160422.59	WRKR_358	0.25
558315.17416043	558315.17	4160432.59	WRKR_359	0.27
558315.17416044	558315.17	4160442.59	WRKR_360	0.30
558315.17416045	558315.17	4160452.59	WRKR_361	0.33
558315.17416046	558315.17	4160462.59	WRKR_362	0.36
558315.17416047	558315.17	4160472.59	WRKR_363	0.39
558315.17416048	558315.17	4160482.59	WRKR_364	0.44
558315.17416049	558315.17	4160492.59	WRKR_365	0.49
558315.17416050	558315.17	4160502.59	WRKR_366	0.55
558315.17416051	558315.17	4160512.59	WRKR_367	0.62
558315.17416052	558315.17	4160522.59	WRKR_368	0.70
558315.17416053	558315.17	4160532.59	WRKR_369	0.81
558325.17416036	558325.17	4160362.59	WRKR_370	0.16
558325.17416037	558325.17	4160372.59	WRKR_371	0.17

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

Cancer Risk
worker - offsite

XY	X	Y
558325.174160382.59	558325.17	4160382.59
558325.174160392.59	558325.17	4160392.59
558325.174160402.59	558325.17	4160402.59
558325.174160412.59	558325.17	4160412.59
558325.174160422.59	558325.17	4160422.59
558325.174160432.59	558325.17	4160432.59
558325.174160442.59	558325.17	4160442.59
558325.174160452.59	558325.17	4160452.59
558325.174160462.59	558325.17	4160462.59
558325.174160472.59	558325.17	4160472.59
558325.174160482.59	558325.17	4160482.59
558325.174160492.59	558325.17	4160492.59
558325.174160502.59	558325.17	4160502.59
558325.174160512.59	558325.17	4160512.59
558325.174160522.59	558325.17	4160522.59
558325.174160532.59	558325.17	4160532.59
558335.174160362.59	558335.17	4160362.59
558335.174160372.59	558335.17	4160372.59
558335.174160382.59	558335.17	4160382.59
558335.174160392.59	558335.17	4160392.59
558335.174160402.59	558335.17	4160402.59
558335.174160412.59	558335.17	4160412.59
558335.174160422.59	558335.17	4160422.59
558335.174160432.59	558335.17	4160432.59
558335.174160442.59	558335.17	4160442.59
558335.174160452.59	558335.17	4160452.59
558335.174160462.59	558335.17	4160462.59
558335.174160472.59	558335.17	4160472.59
558335.174160482.59	558335.17	4160482.59
558335.174160492.59	558335.17	4160492.59
558335.174160502.59	558335.17	4160502.59
558335.174160512.59	558335.17	4160512.59
558335.174160522.59	558335.17	4160522.59
558335.174160532.59	558335.17	4160532.59
558345.174160362.59	558345.17	4160362.59
558345.174160372.59	558345.17	4160372.59
558345.174160382.59	558345.17	4160382.59
558345.174160392.59	558345.17	4160392.59
558345.174160402.59	558345.17	4160402.59
558345.174160412.59	558345.17	4160412.59
558345.174160422.59	558345.17	4160422.59
558345.174160432.59	558345.17	4160432.59
558345.174160442.59	558345.17	4160442.59
558345.174160452.59	558345.17	4160452.59
558345.174160462.59	558345.17	4160462.59
558345.174160472.59	558345.17	4160472.59
558345.174160482.59	558345.17	4160482.59
558345.174160492.59	558345.17	4160492.59
558345.174160502.59	558345.17	4160502.59
558345.174160512.59	558345.17	4160512.59
558345.174160522.59	558345.17	4160522.59
558345.174160532.59	558345.17	4160532.59
558355.174160362.59	558355.17	4160362.59

CONSTRUCTION ONLY
Worker Cancer Risk

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

XY	X	Y	GROUP	Cancer Risk
558325.17416038	558325.17	4160382.59	WRKR_372	0.18
558325.17416039	558325.17	4160392.59	WRKR_373	0.20
558325.17416040	558325.17	4160402.59	WRKR_374	0.21
558325.17416041	558325.17	4160412.59	WRKR_375	0.23
558325.17416042	558325.17	4160422.59	WRKR_376	0.25
558325.17416043	558325.17	4160432.59	WRKR_377	0.27
558325.17416044	558325.17	4160442.59	WRKR_378	0.29
558325.17416045	558325.17	4160452.59	WRKR_379	0.32
558325.17416046	558325.17	4160462.59	WRKR_380	0.35
558325.17416047	558325.17	4160472.59	WRKR_381	0.38
558325.17416048	558325.17	4160482.59	WRKR_382	0.42
558325.17416049	558325.17	4160492.59	WRKR_383	0.47
558325.17416050	558325.17	4160502.59	WRKR_384	0.53
558325.17416051	558325.17	4160512.59	WRKR_385	0.61
558325.17416052	558325.17	4160522.59	WRKR_386	0.69
558325.17416053	558325.17	4160532.59	WRKR_387	0.79
558335.17416036	558335.17	4160362.59	WRKR_388	0.16
558335.17416037	558335.17	4160372.59	WRKR_389	0.17
558335.17416038	558335.17	4160382.59	WRKR_390	0.18
558335.17416039	558335.17	4160392.59	WRKR_391	0.19
558335.17416040	558335.17	4160402.59	WRKR_392	0.20
558335.17416041	558335.17	4160412.59	WRKR_393	0.22
558335.17416042	558335.17	4160422.59	WRKR_394	0.24
558335.17416043	558335.17	4160432.59	WRKR_395	0.26
558335.17416044	558335.17	4160442.59	WRKR_396	0.28
558335.17416045	558335.17	4160452.59	WRKR_397	0.31
558335.17416046	558335.17	4160462.59	WRKR_398	0.34
558335.17416047	558335.17	4160472.59	WRKR_399	0.37
558335.17416048	558335.17	4160482.59	WRKR_400	0.41
558335.17416049	558335.17	4160492.59	WRKR_401	0.46
558335.17416050	558335.17	4160502.59	WRKR_402	0.52
558335.17416051	558335.17	4160512.59	WRKR_403	0.59
558335.17416052	558335.17	4160522.59	WRKR_404	0.68
558335.17416053	558335.17	4160532.59	WRKR_405	0.77
558345.17416036	558345.17	4160362.59	WRKR_406	0.15
558345.17416037	558345.17	4160372.59	WRKR_407	0.16
558345.17416038	558345.17	4160382.59	WRKR_408	0.17
558345.17416039	558345.17	4160392.59	WRKR_409	0.18
558345.17416040	558345.17	4160402.59	WRKR_410	0.20
558345.17416041	558345.17	4160412.59	WRKR_411	0.21
558345.17416042	558345.17	4160422.59	WRKR_412	0.23
558345.17416043	558345.17	4160432.59	WRKR_413	0.25
558345.17416044	558345.17	4160442.59	WRKR_414	0.27
558345.17416045	558345.17	4160452.59	WRKR_415	0.30
558345.17416046	558345.17	4160462.59	WRKR_416	0.33
558345.17416047	558345.17	4160472.59	WRKR_417	0.36
558345.17416048	558345.17	4160482.59	WRKR_418	0.40
558345.17416049	558345.17	4160492.59	WRKR_419	0.45
558345.17416050	558345.17	4160502.59	WRKR_420	0.51
558345.17416051	558345.17	4160512.59	WRKR_421	0.58
558345.17416052	558345.17	4160522.59	WRKR_422	0.66
558345.17416053	558345.17	4160532.59	WRKR_423	0.75
558355.17416036	558355.17	4160362.59	WRKR_424	0.15

Cancer Risk
worker - offsite

XY	X	Y
558355.174160372.59	558355.17	4160372.59
558355.174160382.59	558355.17	4160382.59
558355.174160392.59	558355.17	4160392.59
558355.174160402.59	558355.17	4160402.59
558355.174160412.59	558355.17	4160412.59
558355.174160422.59	558355.17	4160422.59
558355.174160432.59	558355.17	4160432.59
558355.174160442.59	558355.17	4160442.59
558355.174160452.59	558355.17	4160452.59
558355.174160462.59	558355.17	4160462.59
558355.174160472.59	558355.17	4160472.59
558355.174160482.59	558355.17	4160482.59
558355.174160492.59	558355.17	4160492.59
558355.174160502.59	558355.17	4160502.59
558355.174160512.59	558355.17	4160512.59
558355.174160522.59	558355.17	4160522.59
558355.174160532.59	558355.17	4160532.59
558365.174160362.59	558365.17	4160362.59
558365.174160372.59	558365.17	4160372.59
558365.174160382.59	558365.17	4160382.59
558365.174160392.59	558365.17	4160392.59
558365.174160402.59	558365.17	4160402.59
558365.174160412.59	558365.17	4160412.59
558365.174160422.59	558365.17	4160422.59
558365.174160432.59	558365.17	4160432.59
558365.174160442.59	558365.17	4160442.59
558365.174160452.59	558365.17	4160452.59
558365.174160462.59	558365.17	4160462.59
558365.174160472.59	558365.17	4160472.59
558365.174160482.59	558365.17	4160482.59
558365.174160492.59	558365.17	4160492.59
558365.174160502.59	558365.17	4160502.59
558365.174160512.59	558365.17	4160512.59
558365.174160522.59	558365.17	4160522.59
558365.174160532.59	558365.17	4160532.59
558375.174160362.59	558375.17	4160362.59
558375.174160372.59	558375.17	4160372.59
558375.174160382.59	558375.17	4160382.59
558375.174160392.59	558375.17	4160392.59
558375.174160402.59	558375.17	4160402.59
558375.174160412.59	558375.17	4160412.59
558375.174160422.59	558375.17	4160422.59
558375.174160432.59	558375.17	4160432.59
558375.174160442.59	558375.17	4160442.59
558375.174160452.59	558375.17	4160452.59
558375.174160462.59	558375.17	4160462.59
558375.174160472.59	558375.17	4160472.59
558375.174160482.59	558375.17	4160482.59
558375.174160492.59	558375.17	4160492.59
558375.174160502.59	558375.17	4160502.59
558375.174160512.59	558375.17	4160512.59
558375.174160522.59	558375.17	4160522.59
558375.174160532.59	558375.17	4160532.59

CONSTRUCTION ONLY
Worker Cancer Risk

XY	X	Y	GROUP	Cancer Risk
558355.17416037	558355.17	4160372.59	WRKR_425	0.16
558355.17416038	558355.17	4160382.59	WRKR_426	0.17
558355.17416039	558355.17	4160392.59	WRKR_427	0.18
558355.17416040	558355.17	4160402.59	WRKR_428	0.19
558355.17416041	558355.17	4160412.59	WRKR_429	0.21
558355.17416042	558355.17	4160422.59	WRKR_430	0.22
558355.17416043	558355.17	4160432.59	WRKR_431	0.24
558355.17416044	558355.17	4160442.59	WRKR_432	0.26
558355.17416045	558355.17	4160452.59	WRKR_433	0.29
558355.17416046	558355.17	4160462.59	WRKR_434	0.32
558355.17416047	558355.17	4160472.59	WRKR_435	0.35
558355.17416048	558355.17	4160482.59	WRKR_436	0.39
558355.17416049	558355.17	4160492.59	WRKR_437	0.44
558355.17416050	558355.17	4160502.59	WRKR_438	0.50
558355.17416051	558355.17	4160512.59	WRKR_439	0.56
558355.17416052	558355.17	4160522.59	WRKR_440	0.64
558355.17416053	558355.17	4160532.59	WRKR_441	0.73
558365.17416036	558365.17	4160362.59	WRKR_442	0.14
558365.17416037	558365.17	4160372.59	WRKR_443	0.15
558365.17416038	558365.17	4160382.59	WRKR_444	0.16
558365.17416039	558365.17	4160392.59	WRKR_445	0.17
558365.17416040	558365.17	4160402.59	WRKR_446	0.19
558365.17416041	558365.17	4160412.59	WRKR_447	0.20
558365.17416042	558365.17	4160422.59	WRKR_448	0.22
558365.17416043	558365.17	4160432.59	WRKR_449	0.23
558365.17416044	558365.17	4160442.59	WRKR_450	0.26
558365.17416045	558365.17	4160452.59	WRKR_451	0.28
558365.17416046	558365.17	4160462.59	WRKR_452	0.31
558365.17416047	558365.17	4160472.59	WRKR_453	0.34
558365.17416048	558365.17	4160482.59	WRKR_454	0.38
558365.17416049	558365.17	4160492.59	WRKR_455	0.43
558365.17416050	558365.17	4160502.59	WRKR_456	0.48
558365.17416051	558365.17	4160512.59	WRKR_457	0.55
558365.17416052	558365.17	4160522.59	WRKR_458	0.62
558365.17416053	558365.17	4160532.59	WRKR_459	0.71
558375.17416036	558375.17	4160362.59	WRKR_460	0.14
558375.17416037	558375.17	4160372.59	WRKR_461	0.15
558375.17416038	558375.17	4160382.59	WRKR_462	0.16
558375.17416039	558375.17	4160392.59	WRKR_463	0.17
558375.17416040	558375.17	4160402.59	WRKR_464	0.18
558375.17416041	558375.17	4160412.59	WRKR_465	0.19
558375.17416042	558375.17	4160422.59	WRKR_466	0.21
558375.17416043	558375.17	4160432.59	WRKR_467	0.23
558375.17416044	558375.17	4160442.59	WRKR_468	0.25
558375.17416045	558375.17	4160452.59	WRKR_469	0.27
558375.17416046	558375.17	4160462.59	WRKR_470	0.30
558375.17416047	558375.17	4160472.59	WRKR_471	0.34
558375.17416048	558375.17	4160482.59	WRKR_472	0.37
558375.17416049	558375.17	4160492.59	WRKR_473	0.42
558375.17416050	558375.17	4160502.59	WRKR_474	0.47
558375.17416051	558375.17	4160512.59	WRKR_475	0.53
558375.17416052	558375.17	4160522.59	WRKR_476	0.60
558375.17416053	558375.17	4160532.59	WRKR_477	0.68

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

Cancer Risk
worker - offsite

XY	X	Y
558385.174160362.59	558385.17	4160362.59
558385.174160372.59	558385.17	4160372.59
558385.174160382.59	558385.17	4160382.59
558385.174160392.59	558385.17	4160392.59
558385.174160402.59	558385.17	4160402.59
558385.174160412.59	558385.17	4160412.59
558385.174160422.59	558385.17	4160422.59
558385.174160432.59	558385.17	4160432.59
558385.174160442.59	558385.17	4160442.59
558385.174160452.59	558385.17	4160452.59
558385.174160462.59	558385.17	4160462.59
558385.174160472.59	558385.17	4160472.59
558385.174160482.59	558385.17	4160482.59
558385.174160492.59	558385.17	4160492.59
558385.174160502.59	558385.17	4160502.59
558385.174160512.59	558385.17	4160512.59
558385.174160522.59	558385.17	4160522.59
558385.174160532.59	558385.17	4160532.59
558395.174160362.59	558395.17	4160362.59
558395.174160372.59	558395.17	4160372.59
558395.174160382.59	558395.17	4160382.59
558395.174160392.59	558395.17	4160392.59
558395.174160402.59	558395.17	4160402.59
558395.174160412.59	558395.17	4160412.59
558395.174160422.59	558395.17	4160422.59
558395.174160432.59	558395.17	4160432.59
558395.174160442.59	558395.17	4160442.59
558395.174160452.59	558395.17	4160452.59
558395.174160462.59	558395.17	4160462.59
558395.174160472.59	558395.17	4160472.59
558395.174160482.59	558395.17	4160482.59
558395.174160492.59	558395.17	4160492.59
558395.174160502.59	558395.17	4160502.59
558395.174160512.59	558395.17	4160512.59
558477.664160568.94	558477.66	4160568.94
558477.664160578.94	558477.66	4160578.94
558477.664160588.94	558477.66	4160588.94
558477.664160598.94	558477.66	4160598.94
558487.664160568.94	558487.66	4160568.94
558487.664160578.94	558487.66	4160578.94
558487.664160588.94	558487.66	4160588.94
558487.664160598.94	558487.66	4160598.94
558497.664160568.94	558497.66	4160568.94
558497.664160578.94	558497.66	4160578.94
558497.664160588.94	558497.66	4160588.94
558497.664160598.94	558497.66	4160598.94
558507.664160568.94	558507.66	4160568.94
558507.664160578.94	558507.66	4160578.94
558507.664160588.94	558507.66	4160588.94
558507.664160598.94	558507.66	4160598.94
558517.664160568.94	558517.66	4160568.94
558517.664160578.94	558517.66	4160578.94
558517.664160588.94	558517.66	4160588.94

CONSTRUCTION ONLY
Worker Cancer Risk

XY	X	Y	GROUP	Cancer Risk
558385.17416036	558385.17	4160362.59	WRKR_478	0.13
558385.17416037	558385.17	4160372.59	WRKR_479	0.14
558385.17416038	558385.17	4160382.59	WRKR_480	0.15
558385.17416039	558385.17	4160392.59	WRKR_481	0.16
558385.17416040	558385.17	4160402.59	WRKR_482	0.18
558385.17416041	558385.17	4160412.59	WRKR_483	0.19
558385.17416042	558385.17	4160422.59	WRKR_484	0.21
558385.17416043	558385.17	4160432.59	WRKR_485	0.22
558385.17416044	558385.17	4160442.59	WRKR_486	0.24
558385.17416045	558385.17	4160452.59	WRKR_487	0.27
558385.17416046	558385.17	4160462.59	WRKR_488	0.30
558385.17416047	558385.17	4160472.59	WRKR_489	0.33
558385.17416048	558385.17	4160482.59	WRKR_490	0.37
558385.17416049	558385.17	4160492.59	WRKR_491	0.41
558385.17416050	558385.17	4160502.59	WRKR_492	0.46
558385.17416051	558385.17	4160512.59	WRKR_493	0.52
558385.17416052	558385.17	4160522.59	WRKR_494	0.58
558385.17416053	558385.17	4160532.59	WRKR_495	0.66
558395.17416036	558395.17	4160362.59	WRKR_496	0.13
558395.17416037	558395.17	4160372.59	WRKR_497	0.14
558395.17416038	558395.17	4160382.59	WRKR_498	0.15
558395.17416039	558395.17	4160392.59	WRKR_499	0.16
558395.17416040	558395.17	4160402.59	WRKR_500	0.17
558395.17416041	558395.17	4160412.59	WRKR_501	0.19
558395.17416042	558395.17	4160422.59	WRKR_502	0.20
558395.17416043	558395.17	4160432.59	WRKR_503	0.22
558395.17416044	558395.17	4160442.59	WRKR_504	0.24
558395.17416045	558395.17	4160452.59	WRKR_505	0.26
558395.17416046	558395.17	4160462.59	WRKR_506	0.29
558395.17416047	558395.17	4160472.59	WRKR_507	0.32
558395.17416048	558395.17	4160482.59	WRKR_508	0.36
558395.17416049	558395.17	4160492.59	WRKR_509	0.40
558395.17416050	558395.17	4160502.59	WRKR_510	0.45
558395.17416051	558395.17	4160512.59	WRKR_511	0.50
558477.66416056	558477.66	4160568.94	WRKR_512	0.71
558477.66416057	558477.66	4160578.94	WRKR_513	0.78
558477.66416058	558477.66	4160588.94	WRKR_514	0.85
558477.66416059	558477.66	4160598.94	WRKR_515	0.94
558487.66416056	558487.66	4160568.94	WRKR_516	0.67
558487.66416057	558487.66	4160578.94	WRKR_517	0.74
558487.66416058	558487.66	4160588.94	WRKR_518	0.80
558487.66416059	558487.66	4160598.94	WRKR_519	0.87
558497.66416056	558497.66	4160568.94	WRKR_520	0.65
558497.66416057	558497.66	4160578.94	WRKR_521	0.71
558497.66416058	558497.66	4160588.94	WRKR_522	0.76
558497.66416059	558497.66	4160598.94	WRKR_523	0.82
558507.66416056	558507.66	4160568.94	WRKR_524	0.63
558507.66416057	558507.66	4160578.94	WRKR_525	0.68
558507.66416058	558507.66	4160588.94	WRKR_526	0.73
558507.66416059	558507.66	4160598.94	WRKR_527	0.79
558517.66416056	558517.66	4160568.94	WRKR_528	0.61
558517.66416057	558517.66	4160578.94	WRKR_529	0.66
558517.66416058	558517.66	4160588.94	WRKR_530	0.70

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

Cancer Risk
worker - offsite

XY	X	Y
558517.664160598.94	558517.66	4160598.94
558527.664160568.94	558527.66	4160568.94
558527.664160578.94	558527.66	4160578.94
558527.664160588.94	558527.66	4160588.94
558527.664160598.94	558527.66	4160598.94
558537.664160568.94	558537.66	4160568.94
558537.664160578.94	558537.66	4160578.94
558537.664160588.94	558537.66	4160588.94
558537.664160598.94	558537.66	4160598.94
558547.664160568.94	558547.66	4160568.94
558547.664160578.94	558547.66	4160578.94
558547.664160588.94	558547.66	4160588.94
558557.664160568.94	558557.66	4160568.94
558600.644160569.24	558600.64	4160569.24
558600.644160579.24	558600.64	4160579.24
558600.644160589.24	558600.64	4160589.24
558600.644160599.24	558600.64	4160599.24
558610.644160569.24	558610.64	4160569.24
558610.644160579.24	558610.64	4160579.24
558610.644160589.24	558610.64	4160589.24
558610.644160599.24	558610.64	4160599.24
558620.644160569.24	558620.64	4160569.24
558620.644160579.24	558620.64	4160579.24
558620.644160589.24	558620.64	4160589.24
558620.644160599.24	558620.64	4160599.24
558630.644160569.24	558630.64	4160569.24
558630.644160579.24	558630.64	4160579.24
558630.644160589.24	558630.64	4160589.24
558630.644160599.24	558630.64	4160599.24
558640.644160569.24	558640.64	4160569.24
558640.644160579.24	558640.64	4160579.24
558640.644160589.24	558640.64	4160589.24
558640.644160599.24	558640.64	4160599.24
558650.644160569.24	558650.64	4160569.24
558650.644160579.24	558650.64	4160579.24
558650.644160589.24	558650.64	4160589.24
558650.644160599.24	558650.64	4160599.24
558660.644160569.24	558660.64	4160569.24
558660.644160579.24	558660.64	4160579.24
558660.644160589.24	558660.64	4160589.24
558660.644160599.24	558660.64	4160599.24
558670.644160569.24	558670.64	4160569.24
558670.644160579.24	558670.64	4160579.24
558670.644160589.24	558670.64	4160589.24
558495.44160499.48	558495.4	4160499.48
558495.44160509.48	558495.4	4160509.48
558495.44160519.48	558495.4	4160519.48
558495.44160529.48	558495.4	4160529.48
558505.44160499.48	558505.4	4160499.48
558505.44160509.48	558505.4	4160509.48
558505.44160519.48	558505.4	4160519.48
558505.44160529.48	558505.4	4160529.48
558515.44160499.48	558515.4	4160499.48

CONSTRUCTION ONLY
Worker Cancer Risk

XY	X	Y	GROUP	Cancer Risk
558517.66416059	558517.66	4160598.94	WRKR_531	0.75
558527.66416056	558527.66	4160568.94	WRKR_532	0.59
558527.66416057	558527.66	4160578.94	WRKR_533	0.63
558527.66416058	558527.66	4160588.94	WRKR_534	0.67
558527.66416059	558527.66	4160598.94	WRKR_535	0.71
558537.66416056	558537.66	4160568.94	WRKR_536	0.57
558537.66416057	558537.66	4160578.94	WRKR_537	0.61
558537.66416058	558537.66	4160588.94	WRKR_538	0.64
558537.66416059	558537.66	4160598.94	WRKR_539	0.67
558547.66416056	558547.66	4160568.94	WRKR_540	0.55
558547.66416057	558547.66	4160578.94	WRKR_541	0.58
558547.66416058	558547.66	4160588.94	WRKR_542	0.61
558557.66416056	558557.66	4160568.94	WRKR_543	0.53
558600.64416056	558600.64	4160569.24	WRKR_544	0.45
558600.64416057	558600.64	4160579.24	WRKR_545	0.46
558600.64416058	558600.64	4160589.24	WRKR_546	0.47
558600.64416059	558600.64	4160599.24	WRKR_547	0.48
558610.64416056	558610.64	4160569.24	WRKR_548	0.43
558610.64416057	558610.64	4160579.24	WRKR_549	0.44
558610.64416058	558610.64	4160589.24	WRKR_550	0.45
558610.64416059	558610.64	4160599.24	WRKR_551	0.46
558620.64416056	558620.64	4160569.24	WRKR_552	0.41
558620.64416057	558620.64	4160579.24	WRKR_553	0.42
558620.64416058	558620.64	4160589.24	WRKR_554	0.43
558620.64416059	558620.64	4160599.24	WRKR_555	0.43
558630.64416056	558630.64	4160569.24	WRKR_556	0.39
558630.64416057	558630.64	4160579.24	WRKR_557	0.40
558630.64416058	558630.64	4160589.24	WRKR_558	0.41
558630.64416059	558630.64	4160599.24	WRKR_559	0.41
558640.64416056	558640.64	4160569.24	WRKR_560	0.37
558640.64416057	558640.64	4160579.24	WRKR_561	0.38
558640.64416058	558640.64	4160589.24	WRKR_562	0.39
558640.64416059	558640.64	4160599.24	WRKR_563	0.39
558650.64416056	558650.64	4160569.24	WRKR_564	0.36
558650.64416057	558650.64	4160579.24	WRKR_565	0.36
558650.64416058	558650.64	4160589.24	WRKR_566	0.37
558650.64416059	558650.64	4160599.24	WRKR_567	0.37
558660.64416056	558660.64	4160569.24	WRKR_568	0.34
558660.64416057	558660.64	4160579.24	WRKR_569	0.35
558660.64416058	558660.64	4160589.24	WRKR_570	0.35
558660.64416059	558660.64	4160599.24	WRKR_571	0.35
558670.64416056	558670.64	4160569.24	WRKR_572	0.33
558670.64416057	558670.64	4160579.24	WRKR_573	0.33
558670.64416058	558670.64	4160589.24	WRKR_574	0.33
558495.44160499	558495.4	4160499.48	WRKR_575	0.37
558495.44160509	558495.4	4160509.48	WRKR_576	0.40
558495.44160519	558495.4	4160519.48	WRKR_577	0.44
558495.44160529	558495.4	4160529.48	WRKR_578	0.48
558505.44160499	558505.4	4160499.48	WRKR_579	0.36
558505.44160509	558505.4	4160509.48	WRKR_580	0.40
558505.44160519	558505.4	4160519.48	WRKR_581	0.43
558505.44160529	558505.4	4160529.48	WRKR_582	0.47
558515.44160499	558515.4	4160499.48	WRKR_583	0.36

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

Cancer Risk
worker - offsite

XY	X	Y
558515.44160509.48	558515.4	4160509.48
558515.44160519.48	558515.4	4160519.48
558515.44160529.48	558515.4	4160529.48
558525.44160499.48	558525.4	4160499.48
558525.44160509.48	558525.4	4160509.48
558525.44160519.48	558525.4	4160519.48
558525.44160529.48	558525.4	4160529.48
558535.44160499.48	558535.4	4160499.48
558535.44160509.48	558535.4	4160509.48
558535.44160519.48	558535.4	4160519.48
558535.44160529.48	558535.4	4160529.48
558545.44160499.48	558545.4	4160499.48
558545.44160509.48	558545.4	4160509.48
558545.44160519.48	558545.4	4160519.48
558545.44160529.48	558545.4	4160529.48
558555.44160499.48	558555.4	4160499.48
558555.44160509.48	558555.4	4160509.48
558555.44160519.48	558555.4	4160519.48
558555.44160529.48	558555.4	4160529.48
558565.44160499.48	558565.4	4160499.48
558565.44160509.48	558565.4	4160509.48
558565.44160519.48	558565.4	4160519.48
558565.44160529.48	558565.4	4160529.48
558618.984160498.88	558618.98	4160498.88
558618.984160508.88	558618.98	4160508.88
558618.984160518.88	558618.98	4160518.88
558618.984160528.88	558618.98	4160528.88
558628.984160498.88	558628.98	4160498.88
558628.984160508.88	558628.98	4160508.88
558628.984160518.88	558628.98	4160518.88
558628.984160528.88	558628.98	4160528.88
558638.984160498.88	558638.98	4160498.88
558638.984160508.88	558638.98	4160508.88
558638.984160518.88	558638.98	4160518.88
558638.984160528.88	558638.98	4160528.88
558648.984160498.88	558648.98	4160498.88
558648.984160508.88	558648.98	4160508.88
558648.984160518.88	558648.98	4160518.88
558648.984160528.88	558648.98	4160528.88
558658.984160498.88	558658.98	4160498.88
558658.984160508.88	558658.98	4160508.88
558658.984160518.88	558658.98	4160518.88
558658.984160528.88	558658.98	4160528.88
558668.984160498.88	558668.98	4160498.88
558668.984160508.88	558668.98	4160508.88
558668.984160518.88	558668.98	4160518.88
558668.984160528.88	558668.98	4160528.88
558678.984160498.88	558678.98	4160498.88
558678.984160508.88	558678.98	4160508.88
558678.984160518.88	558678.98	4160518.88
558678.984160528.88	558678.98	4160528.88
558688.984160498.88	558688.98	4160498.88
558688.984160508.88	558688.98	4160508.88

CONSTRUCTION ONLY
Worker Cancer Risk

XY	X	Y	GROUP	Cancer Risk
558515.44160509	558515.4	4160509.48	WRKR_584	0.39
558515.44160519	558515.4	4160519.48	WRKR_585	0.42
558515.44160529	558515.4	4160529.48	WRKR_586	0.46
558525.44160499	558525.4	4160499.48	WRKR_587	0.36
558525.44160509	558525.4	4160509.48	WRKR_588	0.39
558525.44160519	558525.4	4160519.48	WRKR_589	0.42
558525.44160529	558525.4	4160529.48	WRKR_590	0.45
558535.44160499	558535.4	4160499.48	WRKR_591	0.35
558535.44160509	558535.4	4160509.48	WRKR_592	0.38
558535.44160519	558535.4	4160519.48	WRKR_593	0.41
558535.44160529	558535.4	4160529.48	WRKR_594	0.44
558545.44160499	558545.4	4160499.48	WRKR_595	0.35
558545.44160509	558545.4	4160509.48	WRKR_596	0.37
558545.44160519	558545.4	4160519.48	WRKR_597	0.40
558545.44160529	558545.4	4160529.48	WRKR_598	0.43
558555.44160499	558555.4	4160499.48	WRKR_599	0.34
558555.44160509	558555.4	4160509.48	WRKR_600	0.37
558555.44160519	558555.4	4160519.48	WRKR_601	0.40
558555.44160529	558555.4	4160529.48	WRKR_602	0.42
558565.44160499	558565.4	4160499.48	WRKR_603	0.34
558565.44160509	558565.4	4160509.48	WRKR_604	0.36
558565.44160519	558565.4	4160519.48	WRKR_605	0.39
558565.44160529	558565.4	4160529.48	WRKR_606	0.41
558618.98416049	558618.98	4160498.88	WRKR_607	0.31
558618.98416050	558618.98	4160508.88	WRKR_608	0.32
558618.98416051	558618.98	4160518.88	WRKR_609	0.34
558618.98416052	558618.98	4160528.88	WRKR_610	0.36
558628.98416049	558628.98	4160498.88	WRKR_611	0.30
558628.98416050	558628.98	4160508.88	WRKR_612	0.31
558628.98416051	558628.98	4160518.88	WRKR_613	0.33
558628.98416052	558628.98	4160528.88	WRKR_614	0.34
558638.98416049	558638.98	4160498.88	WRKR_615	0.29
558638.98416050	558638.98	4160508.88	WRKR_616	0.31
558638.98416051	558638.98	4160518.88	WRKR_617	0.32
558638.98416052	558638.98	4160528.88	WRKR_618	0.33
558648.98416049	558648.98	4160498.88	WRKR_619	0.29
558648.98416050	558648.98	4160508.88	WRKR_620	0.30
558648.98416051	558648.98	4160518.88	WRKR_621	0.31
558648.98416052	558648.98	4160528.88	WRKR_622	0.32
558658.98416049	558658.98	4160498.88	WRKR_623	0.28
558658.98416050	558658.98	4160508.88	WRKR_624	0.29
558658.98416051	558658.98	4160518.88	WRKR_625	0.30
558658.98416052	558658.98	4160528.88	WRKR_626	0.31
558668.98416049	558668.98	4160498.88	WRKR_627	0.27
558668.98416050	558668.98	4160508.88	WRKR_628	0.28
558668.98416051	558668.98	4160518.88	WRKR_629	0.29
558668.98416052	558668.98	4160528.88	WRKR_630	0.30
558678.98416049	558678.98	4160498.88	WRKR_631	0.26
558678.98416050	558678.98	4160508.88	WRKR_632	0.27
558678.98416051	558678.98	4160518.88	WRKR_633	0.28
558678.98416052	558678.98	4160528.88	WRKR_634	0.29
558688.98416049	558688.98	4160498.88	WRKR_635	0.26
558688.98416050	558688.98	4160508.88	WRKR_636	0.27

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

Cancer Risk
worker - offsite

XY	X	Y
558688.984160518.88	558688.98	4160518.88
558444.414160372.35	558444.41	4160372.35
558454.414160382.35	558454.41	4160382.35
558454.414160392.35	558454.41	4160392.35
558454.414160402.35	558454.41	4160402.35
558464.414160382.35	558464.41	4160382.35
558464.414160392.35	558464.41	4160392.35
558464.414160402.35	558464.41	4160402.35
558474.414160382.35	558474.41	4160382.35
558474.414160392.35	558474.41	4160392.35
558474.414160402.35	558474.41	4160402.35
558484.414160382.35	558484.41	4160382.35
558484.414160392.35	558484.41	4160392.35
558484.414160402.35	558484.41	4160402.35
558494.414160382.35	558494.41	4160382.35
558494.414160392.35	558494.41	4160392.35
558494.414160402.35	558494.41	4160402.35
558504.414160382.35	558504.41	4160382.35
558504.414160392.35	558504.41	4160392.35
558504.414160402.35	558504.41	4160402.35
558514.414160382.35	558514.41	4160382.35
558514.414160392.35	558514.41	4160392.35
558514.414160402.35	558514.41	4160402.35
558524.414160392.35	558524.41	4160392.35
558524.414160402.35	558524.41	4160402.35
558581.824160392.36	558581.82	4160392.36
558524.414160402.35	558524.41	4160402.35
558581.824160392.36	558581.82	4160392.36
558581.824160402.36	558581.82	4160402.36
558581.824160412.36	558581.82	4160412.36
558581.824160422.36	558581.82	4160422.36
558591.824160392.36	558591.82	4160392.36
558591.824160402.36	558591.82	4160402.36
558591.824160412.36	558591.82	4160412.36
558591.824160422.36	558591.82	4160422.36
558601.824160382.36	558601.82	4160382.36
558601.824160392.36	558601.82	4160392.36
558601.824160402.36	558601.82	4160402.36
558601.824160412.36	558601.82	4160412.36
558601.824160422.36	558601.82	4160422.36
558611.824160382.36	558611.82	4160382.36
558611.824160392.36	558611.82	4160392.36
558611.824160402.36	558611.82	4160402.36
558611.824160412.36	558611.82	4160412.36
558611.824160422.36	558611.82	4160422.36
558621.824160382.36	558621.82	4160382.36
558621.824160392.36	558621.82	4160392.36
558621.824160402.36	558621.82	4160402.36
558621.824160412.36	558621.82	4160412.36
558621.824160422.36	558621.82	4160422.36
558631.824160382.36	558631.82	4160382.36
558631.824160392.36	558631.82	4160392.36
558631.824160402.36	558631.82	4160402.36
558641.824160382.36	558641.82	4160382.36
558641.824160392.36	558641.82	4160392.36

CONSTRUCTION ONLY
Worker Cancer Risk

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

XY	X	Y	GROUP	Cancer Risk
558688.98416051	558688.98	4160518.88	WRKR_637	0.27
558444.41416037	558444.41	4160372.35	WRKR_638	0.13
558454.41416038	558454.41	4160382.35	WRKR_639	0.14
558454.41416039	558454.41	4160392.35	WRKR_640	0.15
558454.41416040	558454.41	4160402.35	WRKR_641	0.16
558464.41416038	558464.41	4160382.35	WRKR_642	0.13
558464.41416039	558464.41	4160392.35	WRKR_643	0.15
558464.41416040	558464.41	4160402.35	WRKR_644	0.16
558474.41416038	558474.41	4160382.35	WRKR_645	0.13
558474.41416039	558474.41	4160392.35	WRKR_646	0.14
558474.41416040	558474.41	4160402.35	WRKR_647	0.16
558484.41416038	558484.41	4160382.35	WRKR_648	0.13
558484.41416039	558484.41	4160392.35	WRKR_649	0.14
558484.41416040	558484.41	4160402.35	WRKR_650	0.16
558494.41416038	558494.41	4160382.35	WRKR_651	0.13
558494.41416039	558494.41	4160392.35	WRKR_652	0.14
558494.41416040	558494.41	4160402.35	WRKR_653	0.16
558504.41416038	558504.41	4160382.35	WRKR_654	0.13
558504.41416039	558504.41	4160392.35	WRKR_655	0.15
558504.41416040	558504.41	4160402.35	WRKR_656	0.16
558514.41416038	558514.41	4160382.35	WRKR_657	0.13
558514.41416039	558514.41	4160392.35	WRKR_658	0.15
558514.41416040	558514.41	4160402.35	WRKR_659	0.16
558524.41416039	558524.41	4160392.35	WRKR_660	0.15
558524.41416040	558524.41	4160402.35	WRKR_661	0.16
558581.82416039	558581.82	4160392.36	WRKR_662	0.15
558524.41416040	558524.41	4160402.35	WRKR_661	0.16
558581.82416039	558581.82	4160392.36	WRKR_662	0.15
558581.82416040	558581.82	4160402.36	WRKR_663	0.16
558581.82416041	558581.82	4160412.36	WRKR_664	0.18
558581.82416042	558581.82	4160422.36	WRKR_665	0.19
558591.82416039	558591.82	4160392.36	WRKR_666	0.15
558591.82416040	558591.82	4160402.36	WRKR_667	0.16
558591.82416041	558591.82	4160412.36	WRKR_668	0.18
558591.82416042	558591.82	4160422.36	WRKR_669	0.19
558601.82416038	558601.82	4160382.36	WRKR_670	0.14
558601.82416039	558601.82	4160392.36	WRKR_671	0.15
558601.82416040	558601.82	4160402.36	WRKR_672	0.17
558601.82416041	558601.82	4160412.36	WRKR_673	0.18
558601.82416042	558601.82	4160422.36	WRKR_674	0.19
558611.82416038	558611.82	4160382.36	WRKR_675	0.14
558611.82416039	558611.82	4160392.36	WRKR_676	0.15
558611.82416040	558611.82	4160402.36	WRKR_677	0.17
558611.82416041	558611.82	4160412.36	WRKR_678	0.18
558611.82416042	558611.82	4160422.36	WRKR_679	0.19
558621.82416038	558621.82	4160382.36	WRKR_680	0.14
558621.82416039	558621.82	4160392.36	WRKR_681	0.15
558621.82416040	558621.82	4160402.36	WRKR_682	0.17
558621.82416041	558621.82	4160412.36	WRKR_683	0.18
558621.82416042	558621.82	4160422.36	WRKR_684	0.19
558631.82416038	558631.82	4160382.36	WRKR_685	0.14
558631.82416039	558631.82	4160392.36	WRKR_686	0.15
558631.82416040	558631.82	4160402.36	WRKR_687	0.17
558641.82416038	558641.82	4160382.36	WRKR_688	0.14
558641.82416039	558641.82	4160392.36	WRKR_689	0.15

Cancer Risk
worker - offsite

XY	X	Y
558641.824160402.36	558641.82	4160402.36
558651.824160382.36	558651.82	4160382.36
558651.824160392.36	558651.82	4160392.36
558651.824160402.36	558651.82	4160402.36
558661.824160382.36	558661.82	4160382.36
558661.824160392.36	558661.82	4160392.36
558661.824160402.36	558661.82	4160402.36
558671.824160362.36	558671.82	4160362.36
558671.824160372.36	558671.82	4160372.36
558671.824160382.36	558671.82	4160382.36
558671.824160392.36	558671.82	4160392.36
558671.824160402.36	558671.82	4160402.36
558681.824160362.36	558681.82	4160362.36
558681.824160372.36	558681.82	4160372.36
558681.824160382.36	558681.82	4160382.36
558681.824160392.36	558681.82	4160392.36
558681.824160402.36	558681.82	4160402.36
558691.824160362.36	558691.82	4160362.36
558691.824160372.36	558691.82	4160372.36
558691.824160382.36	558691.82	4160382.36
558691.824160392.36	558691.82	4160392.36
558691.824160402.36	558691.82	4160402.36
558701.824160362.36	558701.82	4160362.36
558701.824160372.36	558701.82	4160372.36
558701.824160382.36	558701.82	4160382.36
558701.824160392.36	558701.82	4160392.36
558701.824160402.36	558701.82	4160402.36
558711.824160362.36	558711.82	4160362.36
558711.824160372.36	558711.82	4160372.36
558711.824160382.36	558711.82	4160382.36
558711.824160392.36	558711.82	4160392.36
558711.824160402.36	558711.82	4160402.36
558721.824160362.36	558721.82	4160362.36
558721.824160372.36	558721.82	4160372.36
558721.824160382.36	558721.82	4160382.36
558721.824160392.36	558721.82	4160392.36
558721.824160402.36	558721.82	4160402.36
558690.094160295.24	558690.09	4160295.24
558690.094160305.24	558690.09	4160305.24
558690.094160315.24	558690.09	4160315.24
558690.094160325.24	558690.09	4160325.24
558690.094160335.24	558690.09	4160335.24
558700.094160295.24	558700.09	4160295.24
558700.094160305.24	558700.09	4160305.24
558700.094160315.24	558700.09	4160315.24
558700.094160325.24	558700.09	4160325.24
558700.094160335.24	558700.09	4160335.24
558710.094160295.24	558710.09	4160295.24
558710.094160305.24	558710.09	4160305.24
558710.094160315.24	558710.09	4160315.24
558710.094160325.24	558710.09	4160325.24
558710.094160335.24	558710.09	4160335.24
558720.094160295.24	558720.09	4160295.24

CONSTRUCTION ONLY
Worker Cancer Risk

XY	X	Y	GROUP	Cancer Risk
558641.82416040	558641.82	4160402.36	WRKR_690	0.17
558651.82416038	558651.82	4160382.36	WRKR_691	0.15
558651.82416039	558651.82	4160392.36	WRKR_692	0.16
558651.82416040	558651.82	4160402.36	WRKR_693	0.17
558661.82416038	558661.82	4160382.36	WRKR_694	0.15
558661.82416039	558661.82	4160392.36	WRKR_695	0.16
558661.82416040	558661.82	4160402.36	WRKR_696	0.17
558671.82416036	558671.82	4160362.36	WRKR_697	0.13
558671.82416037	558671.82	4160372.36	WRKR_698	0.14
558671.82416038	558671.82	4160382.36	WRKR_699	0.15
558671.82416039	558671.82	4160392.36	WRKR_700	0.15
558671.82416040	558671.82	4160402.36	WRKR_701	0.16
558681.82416036	558681.82	4160362.36	WRKR_702	0.13
558681.82416037	558681.82	4160372.36	WRKR_703	0.14
558681.82416038	558681.82	4160382.36	WRKR_704	0.15
558681.82416039	558681.82	4160392.36	WRKR_705	0.15
558681.82416040	558681.82	4160402.36	WRKR_706	0.16
558691.82416036	558691.82	4160362.36	WRKR_707	0.13
558691.82416037	558691.82	4160372.36	WRKR_708	0.14
558691.82416038	558691.82	4160382.36	WRKR_709	0.15
558691.82416039	558691.82	4160392.36	WRKR_710	0.15
558691.82416040	558691.82	4160402.36	WRKR_711	0.16
558701.82416036	558701.82	4160362.36	WRKR_712	0.13
558701.82416037	558701.82	4160372.36	WRKR_713	0.14
558701.82416038	558701.82	4160382.36	WRKR_714	0.15
558701.82416039	558701.82	4160392.36	WRKR_715	0.15
558701.82416040	558701.82	4160402.36	WRKR_716	0.16
558711.82416036	558711.82	4160362.36	WRKR_717	0.13
558711.82416037	558711.82	4160372.36	WRKR_718	0.14
558711.82416038	558711.82	4160382.36	WRKR_719	0.14
558711.82416039	558711.82	4160392.36	WRKR_720	0.15
558711.82416040	558711.82	4160402.36	WRKR_721	0.16
558721.82416036	558721.82	4160362.36	WRKR_722	0.13
558721.82416037	558721.82	4160372.36	WRKR_723	0.14
558721.82416038	558721.82	4160382.36	WRKR_724	0.14
558721.82416039	558721.82	4160392.36	WRKR_725	0.15
558721.82416040	558721.82	4160402.36	WRKR_726	0.16
558690.09416029	558690.09	4160295.24	WRKR_727	0.08
558690.09416030	558690.09	4160305.24	WRKR_728	0.09
558690.09416031	558690.09	4160315.24	WRKR_729	0.10
558690.09416032	558690.09	4160325.24	WRKR_730	0.10
558690.09416033	558690.09	4160335.24	WRKR_731	0.11
558700.09416029	558700.09	4160295.24	WRKR_732	0.09
558700.09416030	558700.09	4160305.24	WRKR_733	0.09
558700.09416031	558700.09	4160315.24	WRKR_734	0.10
558700.09416032	558700.09	4160325.24	WRKR_735	0.10
558700.09416033	558700.09	4160335.24	WRKR_736	0.11
558710.09416029	558710.09	4160295.24	WRKR_737	0.09
558710.09416030	558710.09	4160305.24	WRKR_738	0.09
558710.09416031	558710.09	4160315.24	WRKR_739	0.10
558710.09416032	558710.09	4160325.24	WRKR_740	0.10
558710.09416033	558710.09	4160335.24	WRKR_741	0.11
558720.09416029	558720.09	4160295.24	WRKR_742	0.09

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

Cancer Risk
worker - offsite

XY	X	Y
558720.094160305.24	558720.09	4160305.24
558720.094160315.24	558720.09	4160315.24
558720.094160325.24	558720.09	4160325.24
558612.684160297.32	558612.68	4160297.32
558612.684160307.32	558612.68	4160307.32
558612.684160317.32	558612.68	4160317.32
558612.684160327.32	558612.68	4160327.32
558612.684160337.32	558612.68	4160337.32
558622.684160297.32	558622.68	4160297.32
558622.684160307.32	558622.68	4160307.32
558622.684160317.32	558622.68	4160317.32
558622.684160327.32	558622.68	4160327.32
558622.684160337.32	558622.68	4160337.32
558632.684160297.32	558632.68	4160297.32
558632.684160307.32	558632.68	4160307.32
558632.684160317.32	558632.68	4160317.32
558632.684160327.32	558632.68	4160327.32
558632.684160337.32	558632.68	4160337.32
558642.684160297.32	558642.68	4160297.32
558642.684160307.32	558642.68	4160307.32
558642.684160317.32	558642.68	4160317.32
558642.684160327.32	558642.68	4160327.32
558642.684160337.32	558642.68	4160337.32
558652.684160297.32	558652.68	4160297.32
558652.684160307.32	558652.68	4160307.32
558652.684160317.32	558652.68	4160317.32
558652.684160327.32	558652.68	4160327.32
558652.684160337.32	558652.68	4160337.32
558662.684160297.32	558662.68	4160297.32
558662.684160307.32	558662.68	4160307.32
558662.684160317.32	558662.68	4160317.32
558662.684160327.32	558662.68	4160327.32
558662.684160337.32	558662.68	4160337.32
558672.684160297.32	558672.68	4160297.32
558672.684160307.32	558672.68	4160307.32
558672.684160317.32	558672.68	4160317.32
558672.684160327.32	558672.68	4160327.32
558672.684160337.32	558672.68	4160337.32
558543.584160290.65	558543.58	4160290.65
558553.584160300.65	558553.58	4160300.65
558553.584160310.65	558553.58	4160310.65
558553.584160320.65	558553.58	4160320.65
558553.584160330.65	558553.58	4160330.65
558563.584160300.65	558563.58	4160300.65
558563.584160310.65	558563.58	4160310.65
558563.584160320.65	558563.58	4160320.65
558563.584160330.65	558563.58	4160330.65
558573.584160300.65	558573.58	4160300.65
558573.584160310.65	558573.58	4160310.65
558573.584160320.65	558573.58	4160320.65
558573.584160330.65	558573.58	4160330.65
558583.584160300.65	558583.58	4160300.65
558583.584160310.65	558583.58	4160310.65

CONSTRUCTION ONLY
Worker Cancer Risk

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

XY	X	Y	GROUP	Cancer Risk
558720.09416030	558720.09	4160305.24	WRKR_743	0.09
558720.09416031	558720.09	4160315.24	WRKR_744	0.10
558720.09416032	558720.09	4160325.24	WRKR_745	0.10
558612.68416029	558612.68	4160297.32	WRKR_746	0.08
558612.68416030	558612.68	4160307.32	WRKR_747	0.08
558612.68416031	558612.68	4160317.32	WRKR_748	0.09
558612.68416032	558612.68	4160327.32	WRKR_749	0.10
558612.68416033	558612.68	4160337.32	WRKR_750	0.10
558622.68416029	558622.68	4160297.32	WRKR_751	0.08
558622.68416030	558622.68	4160307.32	WRKR_752	0.09
558622.68416031	558622.68	4160317.32	WRKR_753	0.09
558622.68416032	558622.68	4160327.32	WRKR_754	0.10
558622.68416033	558622.68	4160337.32	WRKR_755	0.10
558632.68416029	558632.68	4160297.32	WRKR_756	0.08
558632.68416030	558632.68	4160307.32	WRKR_757	0.09
558632.68416031	558632.68	4160317.32	WRKR_758	0.09
558632.68416032	558632.68	4160327.32	WRKR_759	0.10
558632.68416033	558632.68	4160337.32	WRKR_760	0.11
558642.68416029	558642.68	4160297.32	WRKR_761	0.08
558642.68416030	558642.68	4160307.32	WRKR_762	0.09
558642.68416031	558642.68	4160317.32	WRKR_763	0.09
558642.68416032	558642.68	4160327.32	WRKR_764	0.10
558642.68416033	558642.68	4160337.32	WRKR_765	0.11
558652.68416029	558652.68	4160297.32	WRKR_766	0.08
558652.68416030	558652.68	4160307.32	WRKR_767	0.09
558652.68416031	558652.68	4160317.32	WRKR_768	0.09
558652.68416032	558652.68	4160327.32	WRKR_769	0.10
558652.68416033	558652.68	4160337.32	WRKR_770	0.11
558662.68416029	558662.68	4160297.32	WRKR_771	0.08
558662.68416030	558662.68	4160307.32	WRKR_772	0.09
558662.68416031	558662.68	4160317.32	WRKR_773	0.09
558662.68416032	558662.68	4160327.32	WRKR_774	0.10
558662.68416033	558662.68	4160337.32	WRKR_775	0.11
558672.68416029	558672.68	4160297.32	WRKR_776	0.08
558672.68416030	558672.68	4160307.32	WRKR_777	0.09
558672.68416031	558672.68	4160317.32	WRKR_778	0.10
558672.68416032	558672.68	4160327.32	WRKR_779	0.10
558672.68416033	558672.68	4160337.32	WRKR_780	0.11
558543.58416029	558543.58	4160290.65	WRKR_781	0.07
558553.58416030	558553.58	4160300.65	WRKR_782	0.08
558553.58416031	558553.58	4160310.65	WRKR_783	0.08
558553.58416032	558553.58	4160320.65	WRKR_784	0.09
558553.58416033	558553.58	4160330.65	WRKR_785	0.10
558563.58416030	558563.58	4160300.65	WRKR_786	0.08
558563.58416031	558563.58	4160310.65	WRKR_787	0.08
558563.58416032	558563.58	4160320.65	WRKR_788	0.09
558563.58416033	558563.58	4160330.65	WRKR_789	0.10
558573.58416030	558573.58	4160300.65	WRKR_790	0.08
558573.58416031	558573.58	4160310.65	WRKR_791	0.09
558573.58416032	558573.58	4160320.65	WRKR_792	0.09
558573.58416033	558573.58	4160330.65	WRKR_793	0.10
558583.58416030	558583.58	4160300.65	WRKR_794	0.08
558583.58416031	558583.58	4160310.65	WRKR_795	0.09

Cancer Risk
worker - offsite

XY	X	Y
558583.584160320.65	558583.58	4160320.65
558583.584160330.65	558583.58	4160330.65
558593.584160330.65	558593.58	4160330.65
558455.354160303.56	558455.35	4160303.56
558455.354160313.56	558455.35	4160313.56
558455.354160323.56	558455.35	4160323.56
558455.354160333.56	558455.35	4160333.56
558455.354160343.56	558455.35	4160343.56
558465.354160303.56	558465.35	4160303.56
558465.354160313.56	558465.35	4160313.56
558465.354160323.56	558465.35	4160323.56
558465.354160333.56	558465.35	4160333.56
558465.354160343.56	558465.35	4160343.56
558475.354160303.56	558475.35	4160303.56
558475.354160313.56	558475.35	4160313.56
558475.354160323.56	558475.35	4160323.56
558475.354160333.56	558475.35	4160333.56
558475.354160343.56	558475.35	4160343.56
558485.354160303.56	558485.35	4160303.56
558485.354160313.56	558485.35	4160313.56
558485.354160323.56	558485.35	4160323.56
558485.354160333.56	558485.35	4160333.56
558485.354160343.56	558485.35	4160343.56
558495.354160303.56	558495.35	4160303.56
558495.354160313.56	558495.35	4160313.56
558495.354160323.56	558495.35	4160323.56
558495.354160333.56	558495.35	4160333.56
558495.354160343.56	558495.35	4160343.56
558505.354160303.56	558505.35	4160303.56
558505.354160313.56	558505.35	4160313.56
558505.354160323.56	558505.35	4160323.56
558505.354160333.56	558505.35	4160333.56
558515.354160303.56	558515.35	4160303.56
558515.354160313.56	558515.35	4160313.56
558515.354160323.56	558515.35	4160323.56
558515.354160333.56	558515.35	4160333.56
558525.354160303.56	558525.35	4160303.56
558525.354160313.56	558525.35	4160313.56
558525.354160323.56	558525.35	4160323.56
558525.354160333.56	558525.35	4160333.56
558535.354160303.56	558535.35	4160303.56
558535.354160313.56	558535.35	4160313.56
558535.354160323.56	558535.35	4160323.56
558535.354160333.56	558535.35	4160333.56
558616.674160229.97	558616.67	4160229.97
558616.674160239.97	558616.67	4160239.97
558616.674160249.97	558616.67	4160249.97
558626.674160229.97	558626.67	4160229.97
558626.674160239.97	558626.67	4160239.97
558626.674160249.97	558626.67	4160249.97
558636.674160229.97	558636.67	4160229.97
558636.674160239.97	558636.67	4160239.97
558636.674160249.97	558636.67	4160249.97

CONSTRUCTION ONLY
Worker Cancer Risk

XY	X	Y	GROUP	Cancer Risk
558583.58416032	558583.58	4160320.65	WRKR_796	0.09
558583.58416033	558583.58	4160330.65	WRKR_797	0.10
558593.58416033	558593.58	4160330.65	WRKR_798	0.10
558455.35416030	558455.35	4160303.56	WRKR_799	0.08
558455.35416031	558455.35	4160313.56	WRKR_800	0.09
558455.35416032	558455.35	4160323.56	WRKR_801	0.09
558455.35416033	558455.35	4160333.56	WRKR_802	0.10
558455.35416034	558455.35	4160343.56	WRKR_803	0.11
558465.35416030	558465.35	4160303.56	WRKR_804	0.08
558465.35416031	558465.35	4160313.56	WRKR_805	0.09
558465.35416032	558465.35	4160323.56	WRKR_806	0.09
558465.35416033	558465.35	4160333.56	WRKR_807	0.10
558465.35416034	558465.35	4160343.56	WRKR_808	0.10
558475.35416030	558475.35	4160303.56	WRKR_809	0.08
558475.35416031	558475.35	4160313.56	WRKR_810	0.09
558475.35416032	558475.35	4160323.56	WRKR_811	0.09
558475.35416033	558475.35	4160333.56	WRKR_812	0.10
558475.35416034	558475.35	4160343.56	WRKR_813	0.10
558485.35416030	558485.35	4160303.56	WRKR_814	0.08
558485.35416031	558485.35	4160313.56	WRKR_815	0.09
558485.35416032	558485.35	4160323.56	WRKR_816	0.09
558485.35416033	558485.35	4160333.56	WRKR_817	0.10
558485.35416034	558485.35	4160343.56	WRKR_818	0.10
558495.35416030	558495.35	4160303.56	WRKR_819	0.08
558495.35416031	558495.35	4160313.56	WRKR_820	0.09
558495.35416032	558495.35	4160323.56	WRKR_821	0.09
558495.35416033	558495.35	4160333.56	WRKR_822	0.10
558495.35416034	558495.35	4160343.56	WRKR_823	0.10
558505.35416030	558505.35	4160303.56	WRKR_824	0.08
558505.35416031	558505.35	4160313.56	WRKR_825	0.09
558505.35416032	558505.35	4160323.56	WRKR_826	0.09
558505.35416033	558505.35	4160333.56	WRKR_827	0.10
558515.35416030	558515.35	4160303.56	WRKR_828	0.08
558515.35416031	558515.35	4160313.56	WRKR_829	0.09
558515.35416032	558515.35	4160323.56	WRKR_830	0.09
558515.35416033	558515.35	4160333.56	WRKR_831	0.10
558525.35416030	558525.35	4160303.56	WRKR_832	0.08
558525.35416031	558525.35	4160313.56	WRKR_833	0.09
558525.35416032	558525.35	4160323.56	WRKR_834	0.09
558525.35416033	558525.35	4160333.56	WRKR_835	0.10
558535.35416030	558535.35	4160303.56	WRKR_836	0.08
558535.35416031	558535.35	4160313.56	WRKR_837	0.09
558535.35416032	558535.35	4160323.56	WRKR_838	0.09
558535.35416033	558535.35	4160333.56	WRKR_839	0.10
558616.67416022	558616.67	4160229.97	WRKR_840	0.05
558616.67416023	558616.67	4160239.97	WRKR_841	0.06
558616.67416024	558616.67	4160249.97	WRKR_842	0.06
558626.67416022	558626.67	4160229.97	WRKR_843	0.05
558626.67416023	558626.67	4160239.97	WRKR_844	0.06
558626.67416024	558626.67	4160249.97	WRKR_845	0.06
558636.67416022	558636.67	4160229.97	WRKR_846	0.06
558636.67416023	558636.67	4160239.97	WRKR_847	0.06
558636.67416024	558636.67	4160249.97	WRKR_848	0.06

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

Cancer Risk
worker - offsite

XY	X	Y
558646.674160229.97	558646.67	4160229.97
558646.674160239.97	558646.67	4160239.97
558646.674160249.97	558646.67	4160249.97
558656.674160229.97	558656.67	4160229.97
558656.674160239.97	558656.67	4160239.97
558666.674160229.97	558666.67	4160229.97
558666.674160239.97	558666.67	4160239.97
558676.674160229.97	558676.67	4160229.97
558676.674160239.97	558676.67	4160239.97
558686.674160229.97	558686.67	4160229.97
558686.674160239.97	558686.67	4160239.97
558696.674160229.97	558696.67	4160229.97
558696.674160239.97	558696.67	4160239.97
558706.674160229.97	558706.67	4160229.97
558706.674160239.97	558706.67	4160239.97
558716.674160229.97	558716.67	4160229.97
558716.674160239.97	558716.67	4160239.97
558420.214160235.8	558420.21	4160235.8
558420.214160245.8	558420.21	4160245.8
558420.214160255.8	558420.21	4160255.8
558430.214160235.8	558430.21	4160235.8
558430.214160245.8	558430.21	4160245.8
558430.214160255.8	558430.21	4160255.8
558440.214160235.8	558440.21	4160235.8
558440.214160245.8	558440.21	4160245.8
558440.214160255.8	558440.21	4160255.8
558450.214160235.8	558450.21	4160235.8
558450.214160245.8	558450.21	4160245.8
558450.214160255.8	558450.21	4160255.8
558460.214160235.8	558460.21	4160235.8
558460.214160245.8	558460.21	4160245.8
558460.214160255.8	558460.21	4160255.8
558470.214160235.8	558470.21	4160235.8
558470.214160245.8	558470.21	4160245.8
558470.214160255.8	558470.21	4160255.8
558480.214160235.8	558480.21	4160235.8
558480.214160245.8	558480.21	4160245.8
558480.214160255.8	558480.21	4160255.8
558490.214160235.8	558490.21	4160235.8
558490.214160245.8	558490.21	4160245.8
558490.214160255.8	558490.21	4160255.8
558500.214160235.8	558500.21	4160235.8
558500.214160245.8	558500.21	4160245.8
558500.214160255.8	558500.21	4160255.8
558510.214160235.8	558510.21	4160235.8
558510.214160245.8	558510.21	4160245.8
558510.214160255.8	558510.21	4160255.8
558520.214160235.8	558520.21	4160235.8
558520.214160245.8	558520.21	4160245.8
558520.214160255.8	558520.21	4160255.8
558530.214160235.8	558530.21	4160235.8
558530.214160245.8	558530.21	4160245.8
558530.214160255.8	558530.21	4160255.8

CONSTRUCTION ONLY
Worker Cancer Risk

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

XY	X	Y	GROUP	Cancer Risk
558646.67416022	558646.67	4160229.97	WRKR_849	0.06
558646.67416023	558646.67	4160239.97	WRKR_850	0.06
558646.67416024	558646.67	4160249.97	WRKR_851	0.06
558656.67416022	558656.67	4160229.97	WRKR_852	0.06
558656.67416023	558656.67	4160239.97	WRKR_853	0.06
558666.67416022	558666.67	4160229.97	WRKR_854	0.06
558666.67416023	558666.67	4160239.97	WRKR_855	0.06
558676.67416022	558676.67	4160229.97	WRKR_856	0.06
558676.67416023	558676.67	4160239.97	WRKR_857	0.06
558686.67416022	558686.67	4160229.97	WRKR_858	0.06
558686.67416023	558686.67	4160239.97	WRKR_859	0.06
558696.67416022	558696.67	4160229.97	WRKR_860	0.06
558696.67416023	558696.67	4160239.97	WRKR_861	0.06
558706.67416022	558706.67	4160229.97	WRKR_862	0.06
558706.67416023	558706.67	4160239.97	WRKR_863	0.06
558716.67416022	558716.67	4160229.97	WRKR_864	0.06
558716.67416023	558716.67	4160239.97	WRKR_865	0.06
558420.21416023	558420.21	4160235.8	WRKR_866	0.07
558420.21416024	558420.21	4160245.8	WRKR_867	0.07
558420.21416025	558420.21	4160255.8	WRKR_868	0.07
558430.21416023	558430.21	4160235.8	WRKR_869	0.06
558430.21416024	558430.21	4160245.8	WRKR_870	0.07
558430.21416025	558430.21	4160255.8	WRKR_871	0.07
558440.21416023	558440.21	4160235.8	WRKR_872	0.06
558440.21416024	558440.21	4160245.8	WRKR_873	0.07
558440.21416025	558440.21	4160255.8	WRKR_874	0.07
558450.21416023	558450.21	4160235.8	WRKR_875	0.06
558450.21416024	558450.21	4160245.8	WRKR_876	0.06
558450.21416025	558450.21	4160255.8	WRKR_877	0.07
558460.21416023	558460.21	4160235.8	WRKR_878	0.06
558460.21416024	558460.21	4160245.8	WRKR_879	0.06
558460.21416025	558460.21	4160255.8	WRKR_880	0.07
558470.21416023	558470.21	4160235.8	WRKR_881	0.06
558470.21416024	558470.21	4160245.8	WRKR_882	0.06
558470.21416025	558470.21	4160255.8	WRKR_883	0.07
558480.21416023	558480.21	4160235.8	WRKR_884	0.06
558480.21416024	558480.21	4160245.8	WRKR_885	0.06
558480.21416025	558480.21	4160255.8	WRKR_886	0.06
558490.21416023	558490.21	4160235.8	WRKR_887	0.06
558490.21416024	558490.21	4160245.8	WRKR_888	0.06
558490.21416025	558490.21	4160255.8	WRKR_889	0.06
558500.21416023	558500.21	4160235.8	WRKR_890	0.06
558500.21416024	558500.21	4160245.8	WRKR_891	0.06
558500.21416025	558500.21	4160255.8	WRKR_892	0.06
558510.21416023	558510.21	4160235.8	WRKR_893	0.06
558510.21416024	558510.21	4160245.8	WRKR_894	0.06
558510.21416025	558510.21	4160255.8	WRKR_895	0.06
558520.21416023	558520.21	4160235.8	WRKR_896	0.06
558520.21416024	558520.21	4160245.8	WRKR_897	0.06
558520.21416025	558520.21	4160255.8	WRKR_898	0.06
558530.21416023	558530.21	4160235.8	WRKR_899	0.06
558530.21416024	558530.21	4160245.8	WRKR_900	0.06
558530.21416025	558530.21	4160255.8	WRKR_901	0.06

Cancer Risk
worker - offsite

XY	X	Y
558540.214160235.8	558540.21	4160235.8
558540.214160245.8	558540.21	4160245.8
558540.214160255.8	558540.21	4160255.8
558550.214160235.8	558550.21	4160235.8
558550.214160245.8	558550.21	4160245.8
558550.214160255.8	558550.21	4160255.8
558560.214160235.8	558560.21	4160235.8
558560.214160245.8	558560.21	4160245.8
558560.214160255.8	558560.21	4160255.8
558570.214160235.8	558570.21	4160235.8
558570.214160245.8	558570.21	4160245.8
558570.214160255.8	558570.21	4160255.8
558580.214160235.8	558580.21	4160235.8
558580.214160245.8	558580.21	4160245.8
558590.214160235.8	558590.21	4160235.8
558590.214160245.8	558590.21	4160245.8
558600.214160245.8	558600.21	4160245.8

CONSTRUCTION ONLY
Worker Cancer Risk

XY	X	Y	GROUP	Cancer Risk
558540.21416023	558540.21	4160235.8	WRKR_902	0.06
558540.21416024	558540.21	4160245.8	WRKR_903	0.06
558540.21416025	558540.21	4160255.8	WRKR_904	0.06
558550.21416023	558550.21	4160235.8	WRKR_905	0.06
558550.21416024	558550.21	4160245.8	WRKR_906	0.06
558550.21416025	558550.21	4160255.8	WRKR_907	0.06
558560.21416023	558560.21	4160235.8	WRKR_908	0.06
558560.21416024	558560.21	4160245.8	WRKR_909	0.06
558560.21416025	558560.21	4160255.8	WRKR_910	0.06
558570.21416023	558570.21	4160235.8	WRKR_911	0.06
558570.21416024	558570.21	4160245.8	WRKR_912	0.06
558570.21416025	558570.21	4160255.8	WRKR_913	0.06
558580.21416023	558580.21	4160235.8	WRKR_914	0.06
558580.21416024	558580.21	4160245.8	WRKR_915	0.06
558590.21416023	558590.21	4160235.8	WRKR_916	0.06
558590.21416024	558590.21	4160245.8	WRKR_917	0.06
558600.21416024	558600.21	4160245.8	WRKR_918	0.06

MAX:	2.7795
X (UTM):	558151.05
Y (UTM):	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

				Year 1			Year 2			Year 3			Year 4		
				Project Concentrations (µg/m^3)			Project Concentrations (µg/m^3)			Project Concentrations (µg/m^3)			Project Concentrations (µg/m^3)		
XY	X	Y	Type	OFFROAD	ONROAD	CHRONIC HI	OFFROAD	ONROAD	CHRONIC HI	OFFROAD	ONRD_EX	CHRONIC HI	OFFROAD	ONRD_EX	CHRONIC HI
557996.384160720.52	557996	4160721	WRKR_1	2.98E-02	1.70E-06	**5.96E-03**	2.23E-02	2.64E-06	**4.46E-03**	2.84E-02	2.45E-06	**5.67E-03**	4.07E-02	2.71E-06	**8.14E-03**
557996.384160730.52	557996	4160731	WRKR_2	2.93E-02	1.70E-06	**5.86E-03**	2.19E-02	2.62E-06	**4.39E-03**	2.79E-02	2.44E-06	**5.59E-03**	4.01E-02	2.70E-06	**8.01E-03**
557996.384160740.52	557996	4160741	WRKR_3	2.85E-02	1.68E-06	**5.70E-03**	2.13E-02	2.60E-06	**4.26E-03**	2.71E-02	2.42E-06	**5.43E-03**	3.89E-02	2.68E-06	**7.79E-03**
558006.384160710.52	558006	4160711	WRKR_4	3.41E-02	1.77E-06	**6.81E-03**	2.55E-02	2.74E-06	**5.10E-03**	3.24E-02	2.55E-06	**6.49E-03**	4.65E-02	2.82E-06	**9.31E-03**
558006.384160720.52	558006	4160721	WRKR_5	3.36E-02	1.76E-06	**6.72E-03**	2.51E-02	2.73E-06	**5.03E-03**	3.20E-02	2.53E-06	**6.40E-03**	4.59E-02	2.80E-06	**9.18E-03**
558006.384160730.52	558006	4160731	WRKR_6	3.29E-02	1.75E-06	**6.57E-03**	2.46E-02	2.71E-06	**4.92E-03**	3.13E-02	2.52E-06	**6.26E-03**	4.49E-02	2.79E-06	**8.98E-03**
558006.384160740.52	558006	4160741	WRKR_7	3.20E-02	1.74E-06	**6.41E-03**	2.40E-02	2.70E-06	**4.79E-03**	3.05E-02	2.50E-06	**6.10E-03**	4.38E-02	2.77E-06	**8.75E-03**
558016.384160710.52	558016	4160711	WRKR_8	3.88E-02	1.83E-06	**7.75E-03**	2.90E-02	2.84E-06	**5.80E-03**	3.69E-02	2.64E-06	**7.39E-03**	5.30E-02	2.92E-06	**1.06E-02**
558016.384160720.52	558016	4160721	WRKR_9	3.81E-02	1.82E-06	**7.61E-03**	2.85E-02	2.82E-06	**5.70E-03**	3.63E-02	2.62E-06	**7.26E-03**	5.20E-02	2.90E-06	**1.04E-02**
558016.384160730.52	558016	4160731	WRKR_10	3.71E-02	1.81E-06	**7.42E-03**	2.78E-02	2.81E-06	**5.56E-03**	3.54E-02	2.61E-06	**7.07E-03**	5.07E-02	2.88E-06	**1.01E-02**
558016.384160740.52	558016	4160741	WRKR_11	3.59E-02	1.80E-06	**7.19E-03**	2.69E-02	2.79E-06	**5.38E-03**	3.42E-02	2.59E-06	**6.85E-03**	4.91E-02	2.86E-06	**9.82E-03**
558026.384160710.52	558026	4160711	WRKR_12	4.42E-02	1.89E-06	**8.83E-03**	3.31E-02	2.93E-06	**6.61E-03**	4.21E-02	2.72E-06	**8.42E-03**	6.04E-02	3.01E-06	**1.21E-02**
558026.384160720.52	558026	4160721	WRKR_13	4.35E-02	1.89E-06	**8.71E-03**	3.26E-02	2.92E-06	**6.52E-03**	4.15E-02	2.71E-06	**8.30E-03**	5.95E-02	3.00E-06	**1.19E-02**
558026.384160730.52	558026	4160731	WRKR_14	4.22E-02	1.88E-06	**8.44E-03**	3.16E-02	2.90E-06	**6.32E-03**	4.02E-02	2.70E-06	**8.04E-03**	5.77E-02	2.98E-06	**1.15E-02**
558026.384160740.52	558026	4160741	WRKR_15	4.07E-02	1.86E-06	**8.13E-03**	3.04E-02	2.88E-06	**6.09E-03**	3.87E-02	2.68E-06	**7.75E-03**	5.56E-02	2.96E-06	**1.11E-02**
558277.534160581.24	558278	4160581	WRKR_16	1.17E-01	9.31E-06	**2.34E-02**	8.76E-02	1.44E-05	**1.75E-02**	1.11E-01	1.34E-05	**2.23E-02**	1.60E-01	1.48E-05	**3.20E-02**
558277.534160591.24	558278	4160591	WRKR_17	1.41E-01	9.57E-06	**2.82E-02**	1.06E-01	1.48E-05	**2.11E-02**	1.34E-01	1.38E-05	**2.69E-02**	1.93E-01	1.52E-05	**3.86E-02**
558287.534160581.24	558288	4160581	WRKR_18	1.14E-01	1.05E-05	**2.28E-02**	8.54E-02	1.63E-05	**1.71E-02**	1.09E-01	1.51E-05	**2.17E-02**	1.56E-01	1.67E-05	**3.12E-02**
558287.534160591.24	558288	4160591	WRKR_19	1.36E-01	1.09E-05	**2.72E-02**	1.02E-01	1.68E-05	**2.03E-02**	1.29E-01	1.56E-05	**2.59E-02**	1.86E-01	1.73E-05	**3.71E-02**
558297.534160581.24	558298	4160581	WRKR_20	1.10E-01	1.20E-05	**2.20E-02**	8.24E-02	1.85E-05	**1.65E-02**	1.05E-01	1.72E-05	**2.10E-02**	1.50E-01	1.91E-05	**3.01E-02**
558297.534160591.24	558298	4160591	WRKR_21	1.31E-01	1.25E-05	**2.61E-02**	9.78E-02	1.93E-05	**1.96E-02**	1.25E-01	1.79E-05	**2.49E-02**	1.79E-01	1.99E-05	**3.57E-02**
558307.534160581.24	558308	4160581	WRKR_22	1.05E-01	1.38E-05	**2.11E-02**	7.88E-02	2.13E-05	**1.58E-02**	1.00E-01	1.98E-05	**2.01E-02**	1.44E-01	2.19E-05	**2.88E-02**
558307.534160591.24	558308	4160591	WRKR_23	1.26E-01	1.45E-05	**2.51E-02**	9.40E-02	2.25E-05	**1.88E-02**	1.20E-01	2.09E-05	**2.40E-02**	1.72E-01	2.31E-05	**3.44E-02**
558317.534160581.24	558318	4160581	WRKR_24	1.01E-01	1.59E-05	**2.02E-02**	7.56E-02	2.46E-05	**1.51E-02**	9.63E-02	2.29E-05	**1.93E-02**	1.38E-01	2.53E-05	**2.76E-02**
558317.534160591.24	558318	4160591	WRKR_25	1.21E-01	1.71E-05	**2.42E-02**	9.04E-02	2.65E-05	**1.81E-02**	1.15E-01	2.46E-05	**2.30E-02**	1.65E-01	2.73E-05	**3.30E-02**
558327.534160581.24	558328	4160581	WRKR_26	9.67E-02	1.84E-05	**1.93E-02**	7.23E-02	2.85E-05	**1.45E-02**	9.21E-02	2.64E-05	**1.84E-02**	1.32E-01	2.92E-05	**2.64E-02**
558327.534160591.24	558328	4160591	WRKR_27	1.16E-01	2.04E-05	**2.32E-02**	8.67E-02	3.15E-05	**1.73E-02**	1.10E-01	2.93E-05	**2.21E-02**	1.58E-01	3.24E-05	**3.17E-02**
558337.534160581.24	558338	4160581	WRKR_28	9.17E-02	2.09E-05	**1.84E-02**	6.87E-02	3.23E-05	**1.37E-02**	8.74E-02	3.00E-05	**1.75E-02**	1.25E-01	3.32E-05	**2.51E-02**
558101.054160547.13	558101	4160547	WRKR_29	5.19E-02	2.70E-06	**1.04E-02**	3.88E-02	4.18E-06	**7.76E-03**	4.94E-02	3.88E-06	**9.88E-03**	7.09E-02	4.30E-06	**1.42E-02**
558101.054160557.13	558101	4160557	WRKR_30	5.66E-02	2.72E-06	**1.13E-02**	4.23E-02	4.20E-06	**8.47E-03**	5.39E-02	3.90E-06	**1.08E-02**	7.73E-02	4.32E-06	**1.55E-02**
558111.054160547.13	558111	4160547	WRKR_31	5.52E-02	2.83E-06	**1.10E-02**	4.13E-02	4.38E-06	**8.26E-03**	5.26E-02	4.07E-06	**1.05E-02**	7.54E-02	4.50E-06	**1.51E-02**
558111.054160557.13	558111	4160557	WRKR_32	6.05E-02	2.84E-06	**1.21E-02**	4.53E-02	4.40E-06	**9.05E-03**	5.76E-02	4.09E-06	**1.15E-02**	8.27E-02	4.52E-06	**1.65E-02**
558111.054160567.13	558111	4160567	WRKR_33	6.65E-02	2.86E-06	**1.33E-02**	4.97E-02	4.42E-06	**9.95E-03**	6.33E-02	4.11E-06	**1.27E-02**	9.08E-02	4.54E-06	**1.82E-02**
558121.054160537.13	558121	4160537	WRKR_34	5.33E-02	2.94E-06	**1.07E-02**	3.99E-02	4.56E-06	**7.97E-03**	5.08E-02	4.23E-06	**1.02E-02**	7.28E-02	4.68E-06	**1.46E-02**
558121.054160547.13	558121	4160547	WRKR_35	5.85E-02	2.96E-06	**1.17E-02**	4.38E-02	4.59E-06	**8.76E-03**	5.57E-02	4.26E-06	**1.11E-02**	8.00E-02	4.72E-06	**1.60E-02**
558121.054160557.13	558121	4160557	WRKR_36	6.44E-02	2.98E-06	**1.29E-02**	4.82E-02	4.62E-06	**9.64E-03**	6.14E-02	4.29E-06	**1.23E-02**	8.81E-02	4.74E-06	**1.76E-02**
558121.054160567.13	558121	4160567	WRKR_37	7.12E-02	3.00E-06	**1.42E-02**	5.33E-02	4.64E-06	**1.07E-02**	6.78E-02	4.31E-06	**1.36E-02**	9.73E-02	4.77E-06	**1.95E-02**
558121.054160577.13	558121	4160577	WRKR_38	7.89E-02	3.01E-06	**1.58E-02**	5.91E-02	4.65E-06	**1.18E-02**	7.52E-02	4.32E-06	**1.50E-02**	1.08E-01	4.78E-06	**2.16E-02**
558121.054160587.13	558121	4160587	WRKR_39	8.78E-02	3.01E-06	**1.76E-02**	6.57E-02	4.66E-06	**1.31E-02**	8.37E-02	4.33E-06	**1.67E-02**	1.20E-01	4.79E-06	**2.40E-02**
558131.054160527.13	558131	4160527	WRKR_40	5.09E-02	3.06E-06	**1.02E-02**	3.81E-02	4.74E-06	**7.61E-03**	4.85E-02	4.40E-06	**9.69E-03**	6.95E-02	4.87E-06	**1.39E-02**
558131.054160537.13	558131	4160537	WRKR_41	5.60E-02	3.09E-06	**1.12E-02**	4.19E-02	4.78E-06	**8.38E-03**	5.34E-02	4.44E-06	**1.07E-02**	7.65E-02	4.91E-06	**1.53E-02**
558131.054160547.13	558131	4160547	WRKR_42	6.18E-02	3.11E-06	**1.24E-02**	4.62E-02	4.82E-06	**9.24E-03**	5.88E-02	4.47E-06	**1.18E-02**	8.44E-02	4.95E-06	**1.69E-02**
558131.054160557.13	558131	4160557	WRKR_43	6.84E-02	3.13E-06	**1.37E-02**	5.12E-02	4.85E-06	**1.02E-02**	6.52E-02	4.50E-06	**1.30E-02**	9.35E-02	4.98E-06	**1.87E-02**
558131.054160567.13	558131	4160567	WRKR_44	7.60E-02	3.15E-06	**1.52E-02**	5.69E-02	4.87E-06	**1.14E-02**	7.24E-02	4.52E-06	**1.45E-02**	1.04E-01	5.01E-06	**2.08E-02**
558131.054160577.13	558131	4160577	WRKR_45	8.49E-02	3.16E-06	**1.70E-02**	6.35E-02	4.89E-06	**1.27E-02**	8.08E-02	4.54E-06	**1.62E-02**	1.16E-01	5.03E-06	**2.32E-02**
558131.054160587.13	558131	4160587	WRKR_46	9.49E-02	3.16E-06	**1.90E-02**	7.10E-02	4.90E-06	**1.42E-02**	9.05E-02	4.55E-06	**1.81E-02**	1.30E-01	5.04E-06	**2.60E-02**
558131.054160597.13	558131	4160597	WRKR_47	1.07E-01	3.17E-06	**2.13E-02**	7.97E-02	4.90E-06	**1.59E-02**	1.01E-01	4.55E-06	**2.03E-02**	1.46E-01	5.04E-06	**2.91E-02**
558141.054160527.13	558141	4160527	WRKR_48	5.30E-02	3.22E-06	**1.06E-02**	3.97E-02	4.98E-06	**7.94E-03**	5.05E-02	4.63E-06	**1.01E-02**	7.25E-02	5.12E-06	**1.45E-02**
558141.054160537.13	558141	4160537	WRKR_49	5.86E-02	3.24E-06	**1.17E-02**	4.38E-02	5.02E-06	**8.77E-03**	5.58E-02	4.67E-06	**1.12E-02**	8.00E-02	5.16E-06	**1.60E-02**
558141.054160547.13	558141	4160547	WRKR_50	6.50E-02	3.27E-06	**1.30E-02**	4.86E-02	5.06E-06	**9.73E-03**	6.19E-02	4.70E-06	**1.24E-02**	8.88E-02	5.20E-06	**1.78E-02**
558141.054160557.13	558141	4160557	WRKR_51	7.24E-02	3.29E-06	**1.45E-02**	5.41E-02	5.10E-06	**1.08E-02**	6.89E-02	4.73E-06	**1.38E-02**	9.89E-02	5.24E-06	**1.98E-02**
558141.054160567.13	558141	4160567	WRKR_52	8.10E-02	3.31E-06	**1.62E-02**	6.06E-02	5.13E-06	**1.21E-02**	7.71E-02	4.76E-06	**1.54E-02**	1.11E-01	5.27E-06	**2.21E-02**
558141.054160577.13	558141	4160577	WRKR_53	9.09E-02	3.33E-06	**1.82E-02**	6.80E-02	5.15E-06	**1.36E-02**	8.66E-02	4.78E-06	**1.73E-02**	1.24E-01	5.29E-06	**2.49E-02**
558141.054160587.13	558141	4160587	WRKR_54	1.02E-01	3.33E-06	**2.05E-02**	7.66E-02	5.16E-06	**1.53E-02**	9.75E-02	4.79E-06	**1.95E-02**	1.40E-01	5.30E-06	**2.80E-02**
558141.054160597.13	558141	4160597	WRKR_55	1.15E-01	3.34E-06	**2.31E-02**	8.64E-02	5.16E-06	**1.73E-02**	1.10E-01	4.80E-06	**2.20E-02**	1.58E-01	5.31E-06	**3.16E-02**
558141.054160607.13	558141	4160607	WRKR_56	1.30E-01	3.33E-06	**2.61E-02**	9.76E-02	5.16E-06	**1.95E-02**	1.24E-01	4.79E-06	**2.49E-02**	1.78E-01	5.30E-06	**3.56E-02**
558151.054160537.13	558151	4160537	WRKR_57	6.10E-02	3.42E-06	**1.22E-02**	4.57E-02	5.29E-06	**9.14E-03**	5.82E-02	4.91E-06	**1.16E-02**	8.34E-02	5.43E-06	**1.67E-02**
558151.054160547.13	558151	4160547	WRKR_58	6.81E-02	3.44E-06	**1.36E-02**	5.09E-02	5.33E-06	**1.02E-02**	6.48E-02	4.95E-06	**1.30E-02**	9.30E-02	5.48E-06	**1.86E-02**
558151.054160557.13	558151	4160557	WRKR_59	7.63E-02	3.47E-06	**1.53E-02**	5.71E-02	5.37E-06	**1.14E-02**	7.27E-02	4.99E-06	**1.45E-02**	1.04E-01	5.52E-06	**2.09E-02**
558151.054160567.13	558151	4160567	WRKR_60	8.60E-02	3.49E-06	**1.72E-02**	6.43E-02	5.40E-06	**1.29E-02**	8.19E-02	5.02E-06	**1.64E-02**	1.18E-01	5.55E-06	**2.35E-02**
558151.054160577.13	558151	4160577	WRKR_61	9.72E-02	3.51E-06	**1.94E-02**	7.27E-02	5.43E-06	**1.46E-02**	9.26E-02	5.04E-06	**1.85E-02**	1.33E-01	5.58E-06	**2.66E-02**
558151.054160587.13	558151	4160587	WRKR_62	1.10E-01	3.52E-06	**2.20E-02**	8.24E-02	5.45E-06	**1.65E-02**	1.05E-01	5.06E-06	**2.10E-02**	1.50E-01	5.60E-06	**3.01E-02**
558151.054160597.13	558151	4160597	WRKR_63	1.26E-01	3.52E-06	**2.52E-02**	9.45E-02	5.46E-06	**1.89E-02**	1.20E-01	5.07E-06	**2.41E-02**	1.73E-01	5.61E-06	**3.45E-02**
558151.054160607.13	558151	4160607	WRKR_64	1.45E-01	3.52E-06	**2.89E-02**	1.08E-01	5.45E-06	**2.17E-02**	1.38E-01	5.06E-06	**2.76E-02**	1.98E-01	5.60E-06	**3.95E-02**
558151.054160617.13	558151	4160617	WRKR_65	1.65E-01	3.51E-06	**3.30E-02**	1.24E-01	5.43E-06	**2.47E-02**	1.57E-01	5.05E-06	**3.15E-02**	2.26E-01	5.58E-06	**4.52E-02**
558161.054160547.13	558161	4160547	WRKR_66	7.16E-02	3.63E-06	**1.43E-02**	5.36E-02	5.63E-06	**1.07E-02**	6.82E-02	5.23E-06	**1.36E-02**	9.79E-02	5.78E-06	**1.96E-02**
558161.054160557.13	558161	4160557	WRKR_67	8.02E-02	3.66E-06	**1.60E-02**	6.00E-02	5.67E-06	**1.20E-02**	7.64E-02	5.27E-06	**1.53E-02**	1.10E-01	5.83E-06	**2.19E-02**
558161.054160567.13	558161	4160567	WRKR_68	9.10E-02	3.69E-06	**1.82E-02**	6.81E-02	5.71E-06	**1.36E-02**	8.67E-02	5.30E-06	**1.73E-02**	1.24E-01	5.87E-06	**2.49E-02**

Chronic Hazard Index

DPM REL (µg/m³) 5.0

				Year 1			Year 2			Year 3			Year 4		
				Project Concentrations (µg/m³)			Project Concentrations (µg/m³)			Project Concentrations (µg/m³)			Project Concentrations (µg/m³)		
XY	X	Y	Type	OFFROAD	ONROAD	CHRONIC HI	OFFROAD	ONROAD	CHRONIC HI	OFFROAD	ONRD_EX	CHRONIC HI	OFFROAD	ONRD_EX	CHRONIC HI
558161.054160577.13	558161	4160577	WRKR_69	1.04E-01	3.71E-06	2.07E-02	7.75E-02	5.74E-06	1.55E-02	9.87E-02	5.33E-06	1.97E-02	1.42E-01	5.90E-06	2.83E-02
558161.054160587.13	558161	4160587	WRKR_70	1.18E-01	3.72E-06	2.37E-02	8.85E-02	5.76E-06	1.77E-02	1.13E-01	5.35E-06	2.25E-02	1.62E-01	5.92E-06	3.23E-02
558161.054160597.13	558161	4160597	WRKR_71	1.38E-01	3.73E-06	2.77E-02	1.04E-01	5.77E-06	2.07E-02	1.32E-01	5.36E-06	2.64E-02	1.89E-01	5.93E-06	3.78E-02
558161.054160607.13	558161	4160607	WRKR_72	1.58E-01	3.72E-06	3.16E-02	1.18E-01	5.76E-06	2.37E-02	1.51E-01	5.35E-06	3.02E-02	2.16E-01	5.92E-06	4.33E-02
558171.054160557.13	558171	4160557	WRKR_73	8.47E-02	3.88E-06	1.69E-02	6.34E-02	6.00E-06	1.27E-02	8.07E-02	5.57E-06	1.61E-02	1.16E-01	6.17E-06	2.32E-02
558171.054160567.13	558171	4160567	WRKR_74	9.57E-02	3.90E-06	1.91E-02	7.16E-02	6.04E-06	1.43E-02	9.12E-02	5.61E-06	1.82E-02	1.31E-01	6.21E-06	2.62E-02
558171.054160577.13	558171	4160577	WRKR_75	1.10E-01	3.93E-06	2.20E-02	8.22E-02	6.08E-06	1.64E-02	1.05E-01	5.65E-06	2.09E-02	1.50E-01	6.25E-06	3.00E-02
558171.054160587.13	558171	4160587	WRKR_76	1.26E-01	3.95E-06	2.53E-02	9.45E-02	6.11E-06	1.89E-02	1.20E-01	5.67E-06	2.41E-02	1.73E-01	6.28E-06	3.45E-02
558171.054160597.13	558171	4160597	WRKR_77	1.49E-01	3.95E-06	2.99E-02	1.12E-01	6.12E-06	2.24E-02	1.42E-01	5.68E-06	2.85E-02	2.04E-01	6.29E-06	4.09E-02
558181.054160567.13	558181	4160567	WRKR_78	1.01E-01	4.14E-06	2.02E-02	7.57E-02	6.42E-06	1.51E-02	9.64E-02	5.96E-06	1.93E-02	1.38E-01	6.59E-06	2.77E-02
558181.054160577.13	558181	4160577	WRKR_79	1.16E-01	4.17E-06	2.32E-02	8.69E-02	6.46E-06	1.74E-02	1.11E-01	6.00E-06	2.21E-02	1.59E-01	6.64E-06	3.17E-02
558181.054160587.13	558181	4160587	WRKR_80	1.35E-01	4.20E-06	2.70E-02	1.01E-01	6.49E-06	2.02E-02	1.29E-01	6.03E-06	2.57E-02	1.84E-01	6.67E-06	3.69E-02
558191.054160577.13	558191	4160577	WRKR_81	1.21E-01	4.43E-06	2.42E-02	9.06E-02	6.85E-06	1.81E-02	1.15E-01	6.36E-06	2.31E-02	1.66E-01	7.04E-06	3.31E-02
558368.544160582.33	558369	4160582	WRKR_82	8.08E-02	2.91E-05	1.62E-02	6.05E-02	4.50E-05	1.21E-02	7.70E-02	4.18E-05	1.54E-02	1.10E-01	4.62E-05	2.21E-02
558378.544160582.33	558379	4160582	WRKR_83	7.65E-02	3.06E-05	1.53E-02	5.73E-02	4.74E-05	1.15E-02	7.29E-02	4.40E-05	1.46E-02	1.05E-01	4.87E-05	2.09E-02
558378.544160592.33	558379	4160592	WRKR_84	8.67E-02	3.73E-05	1.73E-02	6.48E-02	5.77E-05	1.30E-02	8.26E-02	5.36E-05	1.65E-02	1.18E-01	5.93E-05	2.37E-02
558378.544160602.33	558379	4160602	WRKR_85	9.76E-02	4.56E-05	1.95E-02	7.31E-02	7.06E-05	1.46E-02	9.30E-02	6.56E-05	1.86E-02	1.33E-01	7.26E-05	2.67E-02
558378.544160612.33	558379	4160612	WRKR_86	1.14E-01	6.11E-05	2.28E-02	8.51E-02	9.46E-05	1.70E-02	1.08E-01	8.79E-05	2.17E-02	1.56E-01	9.72E-05	3.11E-02
558388.544160582.33	558389	4160582	WRKR_87	7.16E-02	3.21E-05	1.43E-02	5.36E-02	4.97E-05	1.07E-02	6.82E-02	4.61E-05	1.36E-02	9.78E-02	5.10E-05	1.96E-02
558388.544160592.33	558389	4160592	WRKR_88	8.04E-02	3.94E-05	1.61E-02	6.02E-02	6.10E-05	1.20E-02	7.66E-02	5.67E-05	1.53E-02	1.10E-01	6.27E-05	2.20E-02
558388.544160602.33	558389	4160602	WRKR_89	9.00E-02	4.85E-05	1.80E-02	6.74E-02	7.51E-05	1.35E-02	8.58E-02	6.98E-05	1.72E-02	1.23E-01	7.72E-05	2.46E-02
558388.544160612.33	558389	4160612	WRKR_90	1.05E-01	4.31E-05	2.09E-02	7.83E-02	6.68E-05	1.57E-02	9.97E-02	6.20E-05	1.99E-02	1.43E-01	6.86E-05	2.86E-02
558398.544160582.33	558399	4160582	WRKR_91	6.61E-02	3.39E-05	1.32E-02	4.94E-02	5.24E-05	9.90E-03	6.29E-02	4.87E-05	1.26E-02	9.03E-02	5.39E-05	1.81E-02
558398.544160592.33	558399	4160592	WRKR_92	7.39E-02	4.07E-05	1.48E-02	5.53E-02	6.31E-05	1.11E-02	7.04E-02	5.86E-05	1.41E-02	1.01E-01	6.48E-05	2.02E-02
558398.544160602.33	558399	4160602	WRKR_93	8.32E-02	5.13E-05	1.67E-02	6.23E-02	7.94E-05	1.25E-02	7.93E-02	7.37E-05	1.59E-02	1.14E-01	8.16E-05	2.28E-02
558398.544160612.33	558399	4160612	WRKR_94	9.57E-02	4.78E-05	1.92E-02	7.16E-02	7.41E-05	1.43E-02	9.12E-02	6.88E-05	1.83E-02	1.31E-01	7.61E-05	2.62E-02
557976.094160490.12	557976	4160490	HLTN_1	1.60E-02	1.62E-06	3.20E-03	1.20E-02	2.51E-06	2.40E-03	1.53E-02	2.33E-06	3.05E-03	2.19E-02	2.58E-06	4.38E-03
557976.094160500.12	557976	4160500	HLTN_2	1.66E-02	1.63E-06	3.32E-03	1.24E-02	2.52E-06	2.49E-03	1.58E-02	2.34E-06	3.17E-03	2.27E-02	2.59E-06	4.54E-03
557976.094160510.12	557976	4160510	HLTN_3	1.74E-02	1.64E-06	3.47E-03	1.30E-02	2.54E-06	2.60E-03	1.65E-02	2.36E-06	3.31E-03	2.37E-02	2.61E-06	4.75E-03
557976.094160520.12	557976	4160520	HLTN_4	1.81E-02	1.65E-06	3.61E-03	1.35E-02	2.56E-06	2.71E-03	1.72E-02	2.38E-06	3.44E-03	2.47E-02	2.63E-06	4.94E-03
557976.094160530.12	557976	4160530	HLTN_5	1.87E-02	1.66E-06	3.74E-03	1.40E-02	2.57E-06	2.80E-03	1.78E-02	2.39E-06	3.56E-03	2.55E-02	2.64E-06	5.11E-03
557986.094160480.12	557986	4160480	HLTN_6	1.65E-02	1.66E-06	3.30E-03	1.24E-02	2.58E-06	2.47E-03	1.57E-02	2.39E-06	3.15E-03	2.26E-02	2.65E-06	4.51E-03
557986.094160490.12	557986	4160490	HLTN_7	1.74E-02	1.68E-06	3.49E-03	1.30E-02	2.60E-06	2.61E-03	1.66E-02	2.42E-06	3.32E-03	2.38E-02	2.67E-06	4.76E-03
557986.094160500.12	557986	4160500	HLTN_8	1.81E-02	1.69E-06	3.62E-03	1.35E-02	2.62E-06	2.71E-03	1.72E-02	2.43E-06	3.45E-03	2.47E-02	2.69E-06	4.94E-03
557986.094160510.12	557986	4160510	HLTN_9	1.87E-02	1.70E-06	3.75E-03	1.40E-02	2.63E-06	2.81E-03	1.79E-02	2.44E-06	3.57E-03	2.56E-02	2.70E-06	5.12E-03
557986.094160520.12	557986	4160520	HLTN_10	1.94E-02	1.71E-06	3.89E-03	1.45E-02	2.65E-06	2.91E-03	1.85E-02	2.46E-06	3.70E-03	2.66E-02	2.72E-06	5.31E-03
557986.094160530.12	557986	4160530	HLTN_11	2.01E-02	1.72E-06	4.02E-03	1.51E-02	2.66E-06	3.01E-03	1.92E-02	2.47E-06	3.83E-03	2.75E-02	2.73E-06	5.50E-03
557996.094160480.12	557996	4160480	HLTN_12	1.79E-02	1.73E-06	3.57E-03	1.34E-02	2.67E-06	2.67E-03	1.70E-02	2.48E-06	3.40E-03	2.44E-02	2.75E-06	4.88E-03
557996.094160490.12	557996	4160490	HLTN_13	1.86E-02	1.74E-06	3.72E-03	1.39E-02	2.69E-06	2.78E-03	1.77E-02	2.50E-06	3.54E-03	2.54E-02	2.77E-06	5.08E-03
557996.094160500.12	557996	4160500	HLTN_14	1.93E-02	1.75E-06	3.87E-03	1.45E-02	2.71E-06	2.89E-03	1.84E-02	2.52E-06	3.68E-03	2.64E-02	2.78E-06	5.28E-03
557996.094160510.12	557996	4160510	HLTN_15	2.01E-02	1.76E-06	4.02E-03	1.50E-02	2.72E-06	3.01E-03	1.91E-02	2.53E-06	3.83E-03	2.75E-02	2.80E-06	5.49E-03
557996.094160520.12	557996	4160520	HLTN_16	2.09E-02	1.77E-06	4.18E-03	1.56E-02	2.74E-06	3.13E-03	1.99E-02	2.54E-06	3.98E-03	2.86E-02	2.82E-06	5.71E-03
557996.094160530.12	557996	4160530	HLTN_17	2.17E-02	1.78E-06	4.34E-03	1.62E-02	2.75E-06	3.25E-03	2.07E-02	2.56E-06	4.14E-03	2.97E-02	2.83E-06	5.93E-03
557996.094160540.12	557996	4160540	HLTN_18	2.25E-02	1.78E-06	4.51E-03	1.69E-02	2.76E-06	3.37E-03	2.15E-02	2.57E-06	4.30E-03	3.08E-02	2.84E-06	6.16E-03
557996.094160550.12	557996	4160550	HLTN_19	2.34E-02	1.79E-06	4.68E-03	1.75E-02	2.77E-06	3.50E-03	2.23E-02	2.57E-06	4.46E-03	3.20E-02	2.85E-06	6.39E-03
557996.094160560.12	557996	4160560	HLTN_20	2.42E-02	1.80E-06	4.85E-03	1.81E-02	2.78E-06	3.63E-03	2.31E-02	2.58E-06	4.62E-03	3.31E-02	2.86E-06	6.62E-03
557996.094160570.12	557996	4160570	HLTN_21	2.51E-02	1.80E-06	5.01E-03	1.88E-02	2.78E-06	3.75E-03	2.39E-02	2.59E-06	4.78E-03	3.43E-02	2.86E-06	6.85E-03
558006.094160480.12	558006	4160480	HLTN_22	1.90E-02	1.79E-06	3.80E-03	1.42E-02	2.77E-06	2.84E-03	1.81E-02	2.57E-06	3.62E-03	2.59E-02	2.84E-06	5.19E-03
558006.094160490.12	558006	4160490	HLTN_23	1.98E-02	1.80E-06	3.96E-03	1.48E-02	2.78E-06	2.96E-03	1.89E-02	2.59E-06	3.77E-03	2.71E-02	2.86E-06	5.41E-03
558006.094160500.12	558006	4160500	HLTN_24	2.07E-02	1.81E-06	4.13E-03	1.55E-02	2.80E-06	3.09E-03	1.97E-02	2.60E-06	3.94E-03	2.82E-02	2.88E-06	5.65E-03
558006.094160510.12	558006	4160510	HLTN_25	2.15E-02	1.82E-06	4.31E-03	1.61E-02	2.82E-06	3.23E-03	2.05E-02	2.62E-06	4.11E-03	2.95E-02	2.90E-06	5.89E-03
558006.094160520.12	558006	4160520	HLTN_26	2.25E-02	1.83E-06	4.49E-03	1.68E-02	2.83E-06	3.36E-03	2.14E-02	2.63E-06	4.28E-03	3.07E-02	2.91E-06	6.14E-03
558006.094160530.12	558006	4160530	HLTN_27	2.34E-02	1.84E-06	4.68E-03	1.75E-02	2.85E-06	3.51E-03	2.23E-02	2.65E-06	4.46E-03	3.20E-02	2.93E-06	6.40E-03
558006.094160540.12	558006	4160540	HLTN_28	2.44E-02	1.85E-06	4.88E-03	1.83E-02	2.86E-06	3.65E-03	2.32E-02	2.66E-06	4.65E-03	3.33E-02	2.94E-06	6.67E-03
558006.094160550.12	558006	4160550	HLTN_29	2.54E-02	1.85E-06	5.08E-03	1.90E-02	2.87E-06	3.80E-03	2.42E-02	2.67E-06	4.84E-03	3.47E-02	2.95E-06	6.94E-03
558006.094160560.12	558006	4160560	HLTN_30	2.64E-02	1.86E-06	5.28E-03	1.98E-02	2.88E-06	3.95E-03	2.52E-02	2.67E-06	5.03E-03	3.61E-02	2.96E-06	7.22E-03
558006.094160570.12	558006	4160570	HLTN_31	2.74E-02	1.86E-06	5.48E-03	2.05E-02	2.88E-06	4.10E-03	2.61E-02	2.68E-06	5.22E-03	3.75E-02	2.96E-06	7.49E-03
558016.094160480.12	558016	4160480	HLTN_32	2.02E-02	1.85E-06	4.03E-03	1.51E-02	2.86E-06	3.02E-03	1.92E-02	2.66E-06	3.84E-03	2.76E-02	2.94E-06	5.51E-03
558016.094160490.12	558016	4160490	HLTN_33	2.11E-02	1.86E-06	4.22E-03	1.58E-02	2.88E-06	3.16E-03	2.01E-02	2.68E-06	4.02E-03	2.88E-02	2.96E-06	5.76E-03
558016.094160500.12	558016	4160500	HLTN_34	2.21E-02	1.87E-06	4.41E-03	1.65E-02	2.90E-06	3.30E-03	2.10E-02	2.69E-06	4.21E-03	3.02E-02	2.98E-06	6.03E-03
558016.094160510.12	558016	4160510	HLTN_35	2.31E-02	1.88E-06	4.62E-03	1.73E-02	2.92E-06	3.46E-03	2.20E-02	2.71E-06	4.40E-03	3.16E-02	3.00E-06	6.32E-03
558016.094160520.12	558016	4160520	HLTN_36	2.42E-02	1.90E-06	4.83E-03	1.81E-02	2.93E-06	3.62E-03	2.30E-02	2.72E-06	4.61E-03	3.30E-02	3.02E-06	6.61E-03
558016.094160530.12	558016	4160530	HLTN_37	2.53E-02	1.91E-06	5.06E-03	1.89E-02	2.95E-06	3.78E-03	2.41E-02	2.74E-06	4.82E-03	3.45E-02	3.03E-06	6.91E-03
558016.094160540.12	558016	4160540	HLTN_38	2.64E-02	1.92E-06	5.28E-03	1.98E-02	2.97E-06	3.95E-03	2.52E-02	2.75E-06	5.04E-03	3.61E-02	3.05E-06	7.22E-03
558016.094160550.12	558016	4160550	HLTN_39	2.76E-02	1.92E-06	5.52E-03	2.07E-02	2.98E-06	4.13E-03	2.63E-02	2.76E-06	5.26E-03	3.78E-02	3.06E-06	7.55E-03
558016.094160560.12	558016	4160560	HLTN_40	2.88E-02	1.93E-06	5.77E-03	2.16E-02	2.98E-06	4.32E-03	2.75E-02	2.77E-06	5.50E-03	3.94E-02	3.07E-06	7.88E-03
558016.094160570.12	558016	4160570	HLTN_41	3.01E-02	1.93E-06	6.01E-03	2.25E-02	2.99E-06	4.50E-03	2.86E-02	2.78E-06	5.73E-03	4.11E-02	3.07E-06	8.22E-03
558026.094160480.12	558026	4160480	HLTN_42	2.14E-02	1.91E-06	4.28E-03	1.60E-02	2.96E-06	3.20E-03	2.04E-02	2.75E-06	4.08E-03	2.92E-02	3.05E-06	5.85E-03
558026.094160490.12	558026	4160490	HLTN_43	2.24E-02	1.93E-06	4.49E-03	1.68E-02	2.99E-06	3.36E-03	2.14E-02	2.77E-06	4.28E-03	3.07E-02	3.07E-06	6.14E-03
558026.094160500.12	558026	4160500	HLTN_44	2.36E-02	1.94E-06	4.71E-03	1.76E-02	3.00E-06	3.53E-03	2.25E-02	2.79E-06	4.49E-03	3.22E-02	3.09E-06	6.44E-03
558026.094160510.12	558026	4160510	HLTN_45	2.47E-02	1.95E-06	4.94E-03	1.85E-02	3.02E-06	3.69E-03	2.35E-02	2.80E-06	4.70E-03	3.37E-02	3.10E-06	6.75E-03
558026.094160520.12	558026	4160520	HLTN_46	2.60E-02	1.96E-06	5.19E-03	1.94E-02	3.04E-06	3.89E-03	2.47E-02	2.82E-06	4.95E-03	3.55E-02	3.12E-06	7.10E-03

Chronic Hazard Index

DPM REL (µg/m³) 5.0

				Year 1			Year 2			Year 3			Year 4		
				Project Concentrations (µg/m³)			Project Concentrations (µg/m³)			Project Concentrations (µg/m³)			Project Concentrations (µg/m³)		
XY	X	Y	Type	OFFROAD	ONROAD	CHRONIC HI	OFFROAD	ONROAD	CHRONIC HI	OFFROAD	ONRD_EX	CHRONIC HI	OFFROAD	ONRD_EX	CHRONIC HI
558026.094160530.12	558026	4160530	HLTN_47	2.73E-02	1.98E-06	5.45E-03	2.04E-02	3.06E-06	4.08E-03	2.60E-02	2.84E-06	5.20E-03	3.73E-02	3.14E-06	7.46E-03
558026.094160540.12	558026	4160540	HLTN_48	2.86E-02	1.99E-06	5.72E-03	2.14E-02	3.08E-06	4.28E-03	2.73E-02	2.86E-06	5.45E-03	3.91E-02	3.16E-06	7.82E-03
558026.094160550.12	558026	4160550	HLTN_49	3.00E-02	1.99E-06	6.01E-03	2.25E-02	3.09E-06	4.50E-03	2.86E-02	2.87E-06	5.72E-03	4.11E-02	3.17E-06	8.21E-03
558026.094160560.12	558026	4160560	HLTN_50	3.15E-02	2.00E-06	6.30E-03	2.36E-02	3.10E-06	4.71E-03	3.00E-02	2.88E-06	6.00E-03	4.31E-02	3.18E-06	8.61E-03
558026.094160570.12	558026	4160570	HLTN_51	3.30E-02	2.00E-06	6.60E-03	2.47E-02	3.10E-06	4.94E-03	3.14E-02	2.88E-06	6.29E-03	4.51E-02	3.19E-06	9.02E-03
558036.094160480.12	558036	4160480	HLTN_52	2.26E-02	1.98E-06	4.52E-03	1.69E-02	3.06E-06	3.38E-03	2.15E-02	2.85E-06	4.31E-03	3.09E-02	3.15E-06	6.18E-03
558036.094160490.12	558036	4160490	HLTN_53	2.38E-02	2.00E-06	4.77E-03	1.78E-02	3.09E-06	3.57E-03	2.27E-02	2.87E-06	4.54E-03	3.26E-02	3.17E-06	6.52E-03
558036.094160500.12	558036	4160500	HLTN_54	2.49E-02	2.01E-06	4.99E-03	1.87E-02	3.11E-06	3.73E-03	2.38E-02	2.89E-06	4.75E-03	3.41E-02	3.19E-06	6.82E-03
558036.094160510.12	558036	4160510	HLTN_55	2.59E-02	2.01E-06	5.18E-03	1.94E-02	3.12E-06	3.88E-03	2.47E-02	2.90E-06	4.94E-03	3.54E-02	3.21E-06	7.08E-03
558036.094160520.12	558036	4160520	HLTN_56	2.75E-02	2.03E-06	5.51E-03	2.06E-02	3.15E-06	4.12E-03	2.62E-02	2.92E-06	5.25E-03	3.77E-02	3.23E-06	7.53E-03
558036.094160530.12	558036	4160530	HLTN_57	2.94E-02	2.05E-06	5.88E-03	2.20E-02	3.17E-06	4.40E-03	2.80E-02	2.95E-06	5.60E-03	4.02E-02	3.26E-06	8.04E-03
558036.094160540.12	558036	4160540	HLTN_58	3.10E-02	2.06E-06	6.20E-03	2.32E-02	3.19E-06	4.64E-03	2.95E-02	2.97E-06	5.90E-03	4.23E-02	3.28E-06	8.47E-03
558036.094160550.12	558036	4160550	HLTN_59	3.27E-02	2.07E-06	6.53E-03	2.44E-02	3.21E-06	4.89E-03	3.11E-02	2.98E-06	6.22E-03	4.46E-02	3.30E-06	8.93E-03
558036.094160560.12	558036	4160560	HLTN_60	3.44E-02	2.08E-06	6.88E-03	2.57E-02	3.22E-06	5.15E-03	3.28E-02	2.99E-06	6.56E-03	4.70E-02	3.31E-06	9.41E-03
558046.094160480.12	558046	4160480	HLTN_61	2.33E-02	2.04E-06	4.67E-03	1.75E-02	3.16E-06	3.49E-03	2.22E-02	2.94E-06	4.45E-03	3.19E-02	3.25E-06	6.38E-03
558046.094160490.12	558046	4160490	HLTN_62	2.46E-02	2.06E-06	4.93E-03	1.84E-02	3.19E-06	3.69E-03	2.35E-02	2.96E-06	4.70E-03	3.37E-02	3.27E-06	6.74E-03
558046.094160500.12	558046	4160500	HLTN_63	2.59E-02	2.07E-06	5.18E-03	1.94E-02	3.20E-06	3.88E-03	2.47E-02	2.97E-06	4.94E-03	3.54E-02	3.29E-06	7.09E-03
558046.094160510.12	558046	4160510	HLTN_64	2.73E-02	2.08E-06	5.46E-03	2.04E-02	3.22E-06	4.08E-03	2.60E-02	2.99E-06	5.20E-03	3.73E-02	3.31E-06	7.46E-03
558046.094160520.12	558046	4160520	HLTN_65	2.93E-02	2.11E-06	5.86E-03	2.19E-02	3.26E-06	4.38E-03	2.79E-02	3.03E-06	5.58E-03	4.00E-02	3.35E-06	8.01E-03
558046.094160530.12	558046	4160530	HLTN_66	3.17E-02	2.13E-06	6.33E-03	2.37E-02	3.30E-06	4.74E-03	3.02E-02	3.06E-06	6.03E-03	4.33E-02	3.39E-06	8.65E-03
558046.094160540.12	558046	4160540	HLTN_67	3.35E-02	2.14E-06	6.70E-03	2.51E-02	3.32E-06	5.01E-03	3.19E-02	3.08E-06	6.38E-03	4.58E-02	3.41E-06	9.16E-03
558046.094160550.12	558046	4160550	HLTN_68	3.55E-02	2.15E-06	7.09E-03	2.65E-02	3.33E-06	5.31E-03	3.38E-02	3.09E-06	6.76E-03	4.85E-02	3.42E-06	9.70E-03
558056.094160480.12	558056	4160480	HLTN_69	2.45E-02	2.12E-06	4.89E-03	1.83E-02	3.27E-06	3.66E-03	2.33E-02	3.04E-06	4.66E-03	3.34E-02	3.37E-06	6.69E-03
558056.094160490.12	558056	4160490	HLTN_70	2.58E-02	2.13E-06	5.16E-03	1.93E-02	3.29E-06	3.86E-03	2.46E-02	3.06E-06	4.92E-03	3.53E-02	3.39E-06	7.06E-03
558056.094160500.12	558056	4160500	HLTN_71	2.72E-02	2.14E-06	5.44E-03	2.03E-02	3.31E-06	4.07E-03	2.59E-02	3.07E-06	5.18E-03	3.72E-02	3.40E-06	7.43E-03
558056.094160510.12	558056	4160510	HLTN_72	2.89E-02	2.15E-06	5.77E-03	2.16E-02	3.34E-06	4.32E-03	2.75E-02	3.10E-06	5.50E-03	3.94E-02	3.43E-06	7.89E-03
558056.094160520.12	558056	4160520	HLTN_73	3.14E-02	2.19E-06	6.28E-03	2.35E-02	3.39E-06	4.70E-03	2.99E-02	3.15E-06	5.98E-03	4.29E-02	3.48E-06	8.58E-03
558056.094160530.12	558056	4160530	HLTN_74	3.40E-02	2.21E-06	6.80E-03	2.54E-02	3.43E-06	5.09E-03	3.24E-02	3.18E-06	6.48E-03	4.65E-02	3.52E-06	9.30E-03
558056.094160540.12	558056	4160540	HLTN_75	3.61E-02	2.23E-06	7.23E-03	2.70E-02	3.45E-06	5.41E-03	3.44E-02	3.20E-06	6.89E-03	4.94E-02	3.55E-06	9.88E-03
558066.094160480.12	558066	4160480	HLTN_76	2.65E-02	2.22E-06	5.31E-03	1.99E-02	3.43E-06	3.97E-03	2.53E-02	3.19E-06	5.06E-03	3.63E-02	3.53E-06	7.25E-03
558066.094160490.12	558066	4160490	HLTN_77	2.80E-02	2.23E-06	5.61E-03	2.10E-02	3.46E-06	4.20E-03	2.67E-02	3.21E-06	5.35E-03	3.83E-02	3.55E-06	7.67E-03
558066.094160500.12	558066	4160500	HLTN_78	2.90E-02	2.23E-06	5.80E-03	2.17E-02	3.45E-06	4.34E-03	2.76E-02	3.21E-06	5.53E-03	3.96E-02	3.55E-06	7.93E-03
558066.094160510.12	558066	4160510	HLTN_79	3.14E-02	2.26E-06	6.29E-03	2.35E-02	3.50E-06	4.71E-03	3.00E-02	3.25E-06	5.99E-03	4.30E-02	3.60E-06	8.60E-03
558066.094160520.12	558066	4160520	HLTN_80	3.41E-02	2.29E-06	6.83E-03	2.55E-02	3.54E-06	5.11E-03	3.25E-02	3.29E-06	6.50E-03	4.66E-02	3.64E-06	9.33E-03
558066.094160530.12	558066	4160530	HLTN_81	3.64E-02	2.31E-06	7.28E-03	2.72E-02	3.57E-06	5.45E-03	3.47E-02	3.32E-06	6.94E-03	4.98E-02	3.67E-06	9.95E-03
558076.094160480.12	558076	4160480	HLTN_82	2.78E-02	2.31E-06	5.56E-03	2.08E-02	3.58E-06	4.16E-03	2.65E-02	3.32E-06	5.30E-03	3.80E-02	3.68E-06	7.60E-03
558076.094160490.12	558076	4160490	HLTN_83	2.97E-02	2.33E-06	5.93E-03	2.22E-02	3.60E-06	4.44E-03	2.83E-02	3.34E-06	5.65E-03	4.05E-02	3.70E-06	8.11E-03
558076.094160500.12	558076	4160500	HLTN_84	3.06E-02	2.32E-06	6.13E-03	2.29E-02	3.59E-06	4.59E-03	2.92E-02	3.34E-06	5.84E-03	4.19E-02	3.69E-06	8.37E-03
558076.094160510.12	558076	4160510	HLTN_85	3.39E-02	2.36E-06	6.77E-03	2.53E-02	3.66E-06	5.07E-03	3.23E-02	3.40E-06	6.45E-03	4.63E-02	3.76E-06	9.25E-03
558076.094160520.12	558076	4160520	HLTN_86	3.63E-02	2.39E-06	7.25E-03	2.71E-02	3.69E-06	5.43E-03	3.45E-02	3.43E-06	6.91E-03	4.96E-02	3.80E-06	9.91E-03
558086.094160490.12	558086	4160490	HLTN_87	3.08E-02	2.42E-06	6.16E-03	2.31E-02	3.74E-06	4.61E-03	2.94E-02	3.48E-06	5.87E-03	4.21E-02	3.85E-06	8.42E-03
558086.094160500.12	558086	4160500	HLTN_88	3.26E-02	2.43E-06	6.52E-03	2.44E-02	3.76E-06	4.88E-03	3.10E-02	3.50E-06	6.21E-03	4.45E-02	3.87E-06	8.91E-03
558086.094160510.12	558086	4160510	HLTN_89	3.58E-02	2.46E-06	7.16E-03	2.68E-02	3.82E-06	5.36E-03	3.41E-02	3.54E-06	6.82E-03	4.89E-02	3.92E-06	9.78E-03
558096.094160490.12	558096	4160490	HLTN_90	3.20E-02	2.52E-06	6.40E-03	2.39E-02	3.90E-06	4.79E-03	3.05E-02	3.62E-06	6.10E-03	4.37E-02	4.01E-06	8.75E-03
558096.094160500.12	558096	4160500	HLTN_91	3.49E-02	2.55E-06	6.99E-03	2.61E-02	3.95E-06	5.23E-03	3.33E-02	3.66E-06	6.66E-03	4.77E-02	4.06E-06	9.55E-03
558186.784160496.28	558187	4160496	WRKR_95	4.05E-02	3.93E-06	8.10E-03	3.03E-02	6.09E-06	6.06E-03	3.86E-02	5.66E-06	7.72E-03	5.53E-02	6.26E-06	1.11E-02
558186.784160506.28	558187	4160506	WRKR_96	4.45E-02	3.96E-06	8.89E-03	3.33E-02	6.13E-06	6.66E-03	4.24E-02	5.69E-06	8.47E-03	6.08E-02	6.30E-06	1.22E-02
558196.784160496.28	558197	4160496	WRKR_97	4.05E-02	4.18E-06	8.11E-03	3.03E-02	6.47E-06	6.07E-03	3.86E-02	6.01E-06	7.72E-03	5.54E-02	6.65E-06	1.11E-02
558196.784160506.28	558197	4160506	WRKR_98	4.44E-02	4.21E-06	8.88E-03	3.32E-02	6.52E-06	6.64E-03	4.23E-02	6.06E-06	8.46E-03	6.07E-02	6.70E-06	1.21E-02
558196.784160516.28	558197	4160516	WRKR_99	4.93E-02	4.25E-06	9.86E-03	3.69E-02	6.57E-06	7.38E-03	4.70E-02	6.10E-06	9.39E-03	6.74E-02	6.76E-06	1.35E-02
558196.784160526.28	558197	4160526	WRKR_100	5.59E-02	4.31E-06	1.12E-02	4.18E-02	6.67E-06	8.37E-03	5.33E-02	6.20E-06	1.07E-02	7.64E-02	6.86E-06	1.53E-02
558206.784160506.28	558207	4160506	WRKR_101	4.43E-02	4.50E-06	8.85E-03	3.31E-02	6.96E-06	6.63E-03	4.22E-02	6.47E-06	8.44E-03	6.05E-02	7.16E-06	1.21E-02
558206.784160516.28	558207	4160516	WRKR_102	4.93E-02	4.56E-06	9.87E-03	3.69E-02	7.05E-06	7.38E-03	4.70E-02	6.55E-06	9.40E-03	6.74E-02	7.25E-06	1.35E-02
558206.784160526.28	558207	4160526	WRKR_103	5.53E-02	4.60E-06	1.11E-02	4.14E-02	7.13E-06	8.28E-03	5.27E-02	6.62E-06	1.05E-02	7.56E-02	7.32E-06	1.51E-02
558206.784160536.28	558207	4160536	WRKR_104	6.33E-02	4.67E-06	1.27E-02	4.73E-02	7.23E-06	9.47E-03	6.03E-02	6.72E-06	1.21E-02	8.64E-02	7.43E-06	1.73E-02
558216.784160516.28	558217	4160516	WRKR_105	4.89E-02	4.87E-06	9.79E-03	3.66E-02	7.54E-06	7.33E-03	4.66E-02	7.01E-06	9.33E-03	6.69E-02	7.75E-06	1.34E-02
558216.784160526.28	558217	4160526	WRKR_106	5.48E-02	4.94E-06	1.10E-02	4.10E-02	7.65E-06	8.20E-03	5.22E-02	7.10E-06	1.04E-02	7.49E-02	7.86E-06	1.50E-02
558216.784160536.28	558217	4160536	WRKR_107	6.19E-02	5.00E-06	1.24E-02	4.63E-02	7.74E-06	9.27E-03	5.90E-02	7.19E-06	1.18E-02	8.46E-02	7.96E-06	1.69E-02
558216.784160546.28	558217	4160546	WRKR_108	7.10E-02	5.06E-06	1.42E-02	5.31E-02	7.84E-06	1.06E-02	6.77E-02	7.28E-06	1.35E-02	9.70E-02	8.06E-06	1.94E-02
558226.784160526.28	558227	4160526	WRKR_109	5.40E-02	5.30E-06	1.08E-02	4.04E-02	8.20E-06	8.08E-03	5.15E-02	7.62E-06	1.03E-02	7.38E-02	8.43E-06	1.48E-02
558226.784160536.28	558227	4160536	WRKR_110	6.12E-02	5.38E-06	1.22E-02	4.58E-02	8.33E-06	9.16E-03	5.83E-02	7.74E-06	1.17E-02	8.37E-02	8.56E-06	1.67E-02
558226.784160546.28	558227	4160546	WRKR_111	7.02E-02	5.47E-06	1.40E-02	5.25E-02	8.46E-06	1.05E-02	6.69E-02	7.86E-06	1.34E-02	9.59E-02	8.70E-06	1.92E-02
558236.784160536.28	558237	4160536	WRKR_112	5.96E-02	5.80E-06	1.19E-02	4.46E-02	8.98E-06	8.92E-03	5.68E-02	8.34E-06	1.14E-02	8.14E-02	9.23E-06	1.63E-02
558115.174160402.59	558115	4160403	WRKR_113	1.87E-02	2.52E-06	3.75E-03	1.40E-02	3.91E-06	2.80E-03	1.78E-02	3.63E-06	3.57E-03	2.56E-02	4.02E-06	5.12E-03
558115.174160412.59	558115	4160413	WRKR_114	2.00E-02	2.55E-06	4.00E-03	1.50E-02	3.95E-06	2.99E-03	1.91E-02	3.67E-06	3.81E-03	2.73E-02	4.06E-06	5.47E-03
558115.174160422.59	558115	4160423	WRKR_115	2.14E-02	2.58E-06	4.28E-03	1.60E-02	3.99E-06	3.20E-03	2.04E-02	3.71E-06	4.07E-03	2.92E-02	4.10E-06	5.84E-03
558115.174160432.59	558115	4160433	WRKR_116	2.29E-02	2.61E-06	4.58E-03	1.71E-02	4.03E-06	3.42E-03	2.18E-02	3.75E-06	4.36E-03	3.13E-02	4.15E-06	6.25E-03
558115.174160442.59	558115	4160443	WRKR_117	2.45E-02	2.63E-06	4.91E-03	1.84E-02	4.07E-06	3.67E-03	2.34E-02	3.78E-06	4.67E-03	3.35E-02	4.19E-06	6.70E-03
558125.174160392.59	558125	4160393	WRKR_118	1.77E-02	2.60E-06	3.55E-03	1.33E-02	4.03E-06	2.65E-03	1.69E-02	3.74E-06	3.38E-03	2.42E-02	4.14E-06	4.85E-03
558125.174160402.59	558125	4160403	WRKR_119	1.89E-02	2.63E-06	3.79E-03	1.42E-02	4.07E-06	2.83E-03	1.80E-02	3.78E-06	3.61E-03	2.59E-02	4.19E-06	5.18E-03
558125.174160412.59	558125	4160413	WRKR_120	2.02E-02	2.66E-06	4.05E-03	1.51E-02	4.12E-06	3.03E-03	1.93E-02	3.82E-06	3.86E-03	2.77E-02	4.23E-06	5.53E-03
558125.174160422.59	558125	4160423	WRKR_121	2.17E-02	2.69E-06	4.34E-03	1.62E-02	4.16E-06	3.24E-03	2.07E-02	3.87E-06	4.13E-03	2.96E-02	4.28E-06	5.93E-03

Chronic Hazard Index

DPM REL (µg/m³) 5.0

				Year 1			Year 2			Year 3			Year 4		
				Project Concentrations (µg/m³)			Project Concentrations (µg/m³)			Project Concentrations (µg/m³)			Project Concentrations (µg/m³)		
XY	X	Y	Type	OFFROAD	ONROAD	CHRONIC HI	OFFROAD	ONROAD	CHRONIC HI	OFFROAD	ONRD_EX	CHRONIC HI	OFFROAD	ONRD_EX	CHRONIC HI
558125.174160432.59	558125	4160433	WRKR_122	2.32E-02	2.72E-06	4.65E-03	1.74E-02	4.21E-06	3.48E-03	2.21E-02	3.91E-06	4.43E-03	3.18E-02	4.32E-06	6.36E-03
558125.174160442.59	558125	4160443	WRKR_123	2.50E-02	2.75E-06	5.00E-03	1.87E-02	4.25E-06	3.74E-03	2.38E-02	3.95E-06	4.76E-03	3.41E-02	4.37E-06	6.83E-03
558135.174160372.59	558135	4160373	WRKR_124	1.57E-02	2.64E-06	3.14E-03	1.17E-02	4.09E-06	2.35E-03	1.49E-02	3.80E-06	2.99E-03	2.14E-02	4.21E-06	4.29E-03
558135.174160382.59	558135	4160383	WRKR_125	1.67E-02	2.68E-06	3.34E-03	1.25E-02	4.14E-06	2.50E-03	1.59E-02	3.85E-06	3.18E-03	2.28E-02	4.26E-06	4.57E-03
558135.174160392.59	558135	4160393	WRKR_126	1.78E-02	2.71E-06	3.57E-03	1.33E-02	4.20E-06	2.67E-03	1.70E-02	3.90E-06	3.40E-03	2.44E-02	4.31E-06	4.87E-03
558135.174160402.59	558135	4160403	WRKR_127	1.91E-02	2.74E-06	3.81E-03	1.43E-02	4.24E-06	2.85E-03	1.82E-02	3.94E-06	3.63E-03	2.61E-02	4.36E-06	5.21E-03
558135.174160412.59	558135	4160413	WRKR_128	2.04E-02	2.77E-06	4.08E-03	1.53E-02	4.29E-06	3.06E-03	1.94E-02	3.99E-06	3.89E-03	2.79E-02	4.41E-06	5.58E-03
558135.174160422.59	558135	4160423	WRKR_129	2.19E-02	2.81E-06	4.38E-03	1.64E-02	4.35E-06	3.28E-03	2.09E-02	4.04E-06	4.17E-03	2.99E-02	4.47E-06	5.98E-03
558135.174160432.59	558135	4160433	WRKR_130	2.35E-02	2.84E-06	4.71E-03	1.76E-02	4.39E-06	3.52E-03	2.24E-02	4.08E-06	4.48E-03	3.22E-02	4.52E-06	6.43E-03
558135.174160442.59	558135	4160443	WRKR_131	2.53E-02	2.87E-06	5.07E-03	1.90E-02	4.45E-06	3.79E-03	2.41E-02	4.13E-06	4.83E-03	3.46E-02	4.57E-06	6.92E-03
558145.174160372.59	558145	4160373	WRKR_132	1.57E-02	2.75E-06	3.14E-03	1.17E-02	4.26E-06	2.35E-03	1.49E-02	3.96E-06	2.99E-03	2.14E-02	4.38E-06	4.29E-03
558145.174160382.59	558145	4160383	WRKR_133	1.67E-02	2.79E-06	3.34E-03	1.25E-02	4.32E-06	2.50E-03	1.59E-02	4.01E-06	3.19E-03	2.28E-02	4.44E-06	4.57E-03
558145.174160392.59	558145	4160393	WRKR_134	1.79E-02	2.83E-06	3.57E-03	1.34E-02	4.37E-06	2.67E-03	1.70E-02	4.06E-06	3.40E-03	2.44E-02	4.50E-06	4.88E-03
558145.174160402.59	558145	4160403	WRKR_135	1.91E-02	2.86E-06	3.82E-03	1.43E-02	4.43E-06	2.86E-03	1.82E-02	4.11E-06	3.64E-03	2.61E-02	4.55E-06	5.23E-03
558145.174160412.59	558145	4160413	WRKR_136	2.05E-02	2.90E-06	4.10E-03	1.53E-02	4.49E-06	3.07E-03	1.95E-02	4.17E-06	3.91E-03	2.80E-02	4.61E-06	5.60E-03
558145.174160422.59	558145	4160423	WRKR_137	2.20E-02	2.93E-06	4.40E-03	1.65E-02	4.54E-06	3.30E-03	2.10E-02	4.22E-06	4.20E-03	3.01E-02	4.67E-06	6.02E-03
558145.174160432.59	558145	4160433	WRKR_138	2.37E-02	2.97E-06	4.74E-03	1.77E-02	4.60E-06	3.55E-03	2.26E-02	4.27E-06	4.52E-03	3.24E-02	4.72E-06	6.48E-03
558145.174160442.59	558145	4160443	WRKR_139	2.56E-02	3.01E-06	5.11E-03	1.91E-02	4.65E-06	3.83E-03	2.44E-02	4.32E-06	4.87E-03	3.49E-02	4.78E-06	6.99E-03
558155.174160372.59	558155	4160373	WRKR_140	1.56E-02	2.87E-06	3.12E-03	1.17E-02	4.44E-06	2.34E-03	1.49E-02	4.13E-06	2.98E-03	2.13E-02	4.57E-06	4.27E-03
558155.174160382.59	558155	4160383	WRKR_141	1.67E-02	2.91E-06	3.33E-03	1.25E-02	4.51E-06	2.50E-03	1.59E-02	4.18E-06	3.18E-03	2.28E-02	4.63E-06	4.56E-03
558155.174160392.59	558155	4160393	WRKR_142	1.78E-02	2.95E-06	3.57E-03	1.33E-02	4.56E-06	2.67E-03	1.70E-02	4.24E-06	3.40E-03	2.44E-02	4.69E-06	4.87E-03
558155.174160402.59	558155	4160403	WRKR_143	1.91E-02	2.99E-06	3.82E-03	1.43E-02	4.63E-06	2.86E-03	1.82E-02	4.30E-06	3.64E-03	2.61E-02	4.76E-06	5.22E-03
558155.174160412.59	558155	4160413	WRKR_144	2.05E-02	3.03E-06	4.10E-03	1.53E-02	4.69E-06	3.07E-03	1.95E-02	4.36E-06	3.91E-03	2.80E-02	4.82E-06	5.61E-03
558155.174160422.59	558155	4160423	WRKR_145	2.21E-02	3.07E-06	4.41E-03	1.65E-02	4.75E-06	3.30E-03	2.10E-02	4.41E-06	4.20E-03	3.01E-02	4.88E-06	6.03E-03
558155.174160432.59	558155	4160433	WRKR_146	2.38E-02	3.11E-06	4.76E-03	1.78E-02	4.81E-06	3.56E-03	2.27E-02	4.47E-06	4.53E-03	3.25E-02	4.95E-06	6.50E-03
558155.174160442.59	558155	4160443	WRKR_147	2.57E-02	3.15E-06	5.14E-03	1.92E-02	4.88E-06	3.85E-03	2.45E-02	4.53E-06	4.90E-03	3.51E-02	5.01E-06	7.02E-03
558165.174160362.59	558165	4160363	WRKR_148	1.45E-02	2.94E-06	2.91E-03	1.09E-02	4.56E-06	2.18E-03	1.38E-02	4.23E-06	2.77E-03	1.99E-02	4.68E-06	3.97E-03
558165.174160372.59	558165	4160373	WRKR_149	1.55E-02	2.99E-06	3.10E-03	1.16E-02	4.63E-06	2.32E-03	1.48E-02	4.30E-06	2.95E-03	2.12E-02	4.76E-06	4.24E-03
558165.174160382.59	558165	4160383	WRKR_150	1.66E-02	3.04E-06	3.31E-03	1.24E-02	4.70E-06	2.48E-03	1.58E-02	4.37E-06	3.16E-03	2.26E-02	4.83E-06	4.53E-03
558165.174160392.59	558165	4160393	WRKR_151	1.77E-02	3.08E-06	3.55E-03	1.33E-02	4.77E-06	2.65E-03	1.69E-02	4.43E-06	3.38E-03	2.42E-02	4.90E-06	4.85E-03
558165.174160402.59	558165	4160403	WRKR_152	1.90E-02	3.12E-06	3.80E-03	1.42E-02	4.84E-06	2.85E-03	1.81E-02	4.49E-06	3.62E-03	2.60E-02	4.97E-06	5.20E-03
558165.174160412.59	558165	4160413	WRKR_153	2.04E-02	3.17E-06	4.09E-03	1.53E-02	4.91E-06	3.06E-03	1.95E-02	4.56E-06	3.89E-03	2.79E-02	5.04E-06	5.58E-03
558165.174160422.59	558165	4160423	WRKR_154	2.20E-02	3.21E-06	4.40E-03	1.65E-02	4.97E-06	3.29E-03	2.10E-02	4.62E-06	4.19E-03	3.01E-02	5.11E-06	6.01E-03
558165.174160432.59	558165	4160433	WRKR_155	2.37E-02	3.26E-06	4.75E-03	1.78E-02	5.05E-06	3.55E-03	2.26E-02	4.69E-06	4.53E-03	3.25E-02	5.19E-06	6.49E-03
558175.174160362.59	558175	4160363	WRKR_156	1.44E-02	3.07E-06	2.88E-03	1.08E-02	4.75E-06	2.15E-03	1.37E-02	4.41E-06	2.74E-03	1.96E-02	4.88E-06	3.93E-03
558175.174160372.59	558175	4160373	WRKR_157	1.53E-02	3.12E-06	3.07E-03	1.15E-02	4.83E-06	2.30E-03	1.46E-02	4.49E-06	2.92E-03	2.10E-02	4.96E-06	4.19E-03
558175.174160382.59	558175	4160383	WRKR_158	1.64E-02	3.17E-06	3.28E-03	1.23E-02	4.91E-06	2.45E-03	1.56E-02	4.56E-06	3.12E-03	2.24E-02	5.04E-06	4.48E-03
558175.174160392.59	558175	4160393	WRKR_159	1.76E-02	3.22E-06	3.51E-03	1.31E-02	4.99E-06	2.63E-03	1.67E-02	4.63E-06	3.35E-03	2.40E-02	5.12E-06	4.80E-03
558175.174160402.59	558175	4160403	WRKR_160	1.88E-02	3.27E-06	3.77E-03	1.41E-02	5.06E-06	2.82E-03	1.80E-02	4.70E-06	3.59E-03	2.58E-02	5.20E-06	5.15E-03
558175.174160412.59	558175	4160413	WRKR_161	2.03E-02	3.32E-06	4.05E-03	1.52E-02	5.14E-06	3.03E-03	1.93E-02	4.77E-06	3.86E-03	2.77E-02	5.28E-06	5.54E-03
558175.174160422.59	558175	4160423	WRKR_162	2.18E-02	3.37E-06	4.37E-03	1.63E-02	5.22E-06	3.27E-03	2.08E-02	4.85E-06	4.16E-03	2.99E-02	5.36E-06	5.97E-03
558185.174160362.59	558185	4160363	WRKR_163	1.42E-02	3.20E-06	2.84E-03	1.06E-02	4.96E-06	2.12E-03	1.35E-02	4.60E-06	2.70E-03	1.94E-02	5.10E-06	3.88E-03
558185.174160372.59	558185	4160373	WRKR_164	1.51E-02	3.26E-06	3.02E-03	1.13E-02	5.04E-06	2.26E-03	1.44E-02	4.68E-06	2.88E-03	2.07E-02	5.18E-06	4.13E-03
558185.174160382.59	558185	4160383	WRKR_165	1.62E-02	3.31E-06	3.23E-03	1.21E-02	5.13E-06	2.42E-03	1.54E-02	4.76E-06	3.08E-03	2.21E-02	5.27E-06	4.42E-03
558185.174160392.59	558185	4160393	WRKR_166	1.73E-02	3.37E-06	3.47E-03	1.30E-02	5.21E-06	2.59E-03	1.65E-02	4.84E-06	3.30E-03	2.37E-02	5.36E-06	4.74E-03
558185.174160402.59	558185	4160403	WRKR_167	1.86E-02	3.42E-06	3.72E-03	1.39E-02	5.30E-06	2.79E-03	1.77E-02	4.92E-06	3.55E-03	2.54E-02	5.45E-06	5.09E-03
558185.174160412.59	558185	4160413	WRKR_168	2.00E-02	3.48E-06	4.00E-03	1.50E-02	5.39E-06	3.00E-03	1.91E-02	5.00E-06	3.82E-03	2.74E-02	5.54E-06	5.47E-03
558185.174160422.59	558185	4160423	WRKR_169	2.16E-02	3.54E-06	4.32E-03	1.62E-02	5.47E-06	3.23E-03	2.06E-02	5.08E-06	4.12E-03	2.95E-02	5.62E-06	5.90E-03
558185.174160432.59	558185	4160433	WRKR_170	2.33E-02	3.59E-06	4.67E-03	1.75E-02	5.56E-06	3.49E-03	2.22E-02	5.16E-06	4.45E-03	3.19E-02	5.71E-06	6.38E-03
558185.174160442.59	558185	4160443	WRKR_171	2.53E-02	3.64E-06	5.06E-03	1.89E-02	5.64E-06	3.79E-03	2.41E-02	5.24E-06	4.82E-03	3.46E-02	5.80E-06	6.91E-03
558195.174160362.59	558195	4160363	WRKR_172	1.39E-02	3.34E-06	2.79E-03	1.04E-02	5.17E-06	2.09E-03	1.33E-02	4.80E-06	2.66E-03	1.90E-02	5.31E-06	3.81E-03
558195.174160372.59	558195	4160373	WRKR_173	1.49E-02	3.40E-06	2.97E-03	1.11E-02	5.26E-06	2.23E-03	1.42E-02	4.89E-06	2.83E-03	2.03E-02	5.41E-06	4.07E-03
558195.174160382.59	558195	4160383	WRKR_174	1.59E-02	3.46E-06	3.18E-03	1.19E-02	5.36E-06	2.38E-03	1.52E-02	4.97E-06	3.03E-03	2.17E-02	5.50E-06	4.35E-03
558195.174160392.59	558195	4160393	WRKR_175	1.70E-02	3.52E-06	3.41E-03	1.28E-02	5.45E-06	2.55E-03	1.62E-02	5.06E-06	3.25E-03	2.33E-02	5.60E-06	4.66E-03
558195.174160402.59	558195	4160403	WRKR_176	1.83E-02	3.59E-06	3.66E-03	1.37E-02	5.55E-06	2.74E-03	1.75E-02	5.16E-06	3.49E-03	2.50E-02	5.71E-06	5.01E-03
558195.174160412.59	558195	4160413	WRKR_177	1.97E-02	3.65E-06	3.94E-03	1.47E-02	5.65E-06	2.95E-03	1.88E-02	5.24E-06	3.76E-03	2.69E-02	5.80E-06	5.39E-03
558195.174160422.59	558195	4160423	WRKR_178	2.13E-02	3.71E-06	4.25E-03	1.59E-02	5.74E-06	3.18E-03	2.03E-02	5.33E-06	4.05E-03	2.91E-02	5.90E-06	5.81E-03
558195.174160432.59	558195	4160433	WRKR_179	2.30E-02	3.77E-06	4.60E-03	1.72E-02	5.84E-06	3.44E-03	2.19E-02	5.43E-06	4.38E-03	3.14E-02	6.00E-06	6.29E-03
558195.174160442.59	558195	4160443	WRKR_180	2.49E-02	3.83E-06	4.98E-03	1.86E-02	5.93E-06	3.73E-03	2.37E-02	5.51E-06	4.74E-03	3.40E-02	6.09E-06	6.81E-03
558195.174160452.59	558195	4160453	WRKR_181	2.70E-02	3.88E-06	5.39E-03	2.02E-02	6.01E-06	4.04E-03	2.57E-02	5.58E-06	5.14E-03	3.69E-02	6.18E-06	7.37E-03
558205.174160362.59	558205	4160363	WRKR_182	1.37E-02	3.49E-06	2.74E-03	1.02E-02	5.40E-06	2.05E-03	1.30E-02	5.01E-06	2.61E-03	1.87E-02	5.54E-06	3.74E-03
558205.174160372.59	558205	4160373	WRKR_183	1.46E-02	3.55E-06	2.92E-03	1.09E-02	5.50E-06	2.18E-03	1.39E-02	5.10E-06	2.78E-03	1.99E-02	5.65E-06	3.99E-03
558205.174160382.59	558205	4160383	WRKR_184	1.56E-02	3.62E-06	3.12E-03	1.17E-02	5.60E-06	2.34E-03	1.49E-02	5.20E-06	2.97E-03	2.13E-02	5.76E-06	4.27E-03
558205.174160392.59	558205	4160393	WRKR_185	1.67E-02	3.69E-06	3.35E-03	1.25E-02	5.71E-06	2.50E-03	1.59E-02	5.30E-06	3.19E-03	2.29E-02	5.87E-06	4.57E-03
558205.174160402.59	558205	4160403	WRKR_186	1.80E-02	3.76E-06	3.60E-03	1.34E-02	5.82E-06	2.69E-03	1.71E-02	5.40E-06	3.43E-03	2.46E-02	5.98E-06	4.91E-03
558205.174160412.59	558205	4160413	WRKR_187	1.93E-02	3.83E-06	3.87E-03	1.45E-02	5.92E-06	2.90E-03	1.84E-02	5.50E-06	3.69E-03	2.64E-02	6.09E-06	5.29E-03
558205.174160422.59	558205	4160423	WRKR_188	2.09E-02	3.90E-06	4.18E-03	1.56E-02	6.03E-06	3.13E-03	1.99E-02	5.60E-06	3.98E-03	2.85E-02	6.20E-06	5.71E-03
558205.174160432.59	558205	4160433	WRKR_189	2.26E-02	3.97E-06	4.51E-03	1.69E-02	6.14E-06	3.38E-03	2.15E-02	5.70E-06	4.30E-03	3.08E-02	6.31E-06	6.17E-03
558205.174160442.59	558205	4160443	WRKR_190	2.45E-02	4.04E-06	4.89E-03	1.83E-02	6.25E-06	3.66E-03	2.33E-02	5.80E-06	4.66E-03	3.34E-02	6.42E-06	6.69E-03
558205.174160452.59	558205	4160453	WRKR_191	2.65E-02	4.10E-06	5.31E-03	1.98E-02	6.34E-06	3.97E-03	2.53E-02	5.89E-06	5.06E-03	3.62E-02	6.52E-06	7.25E-03
558205.174160462.59	558205	4160463	WRKR_192	2.89E-02	4.16E-06	5.78E-03	2.16E-02	6.45E-06	4.32E-03	2.75E-02	5.99E-06	5.50E-03	3.95E-02	6.62E-06	7.90E-03
558215.174160362.59	558215	4160363	WRKR_193	1.34E-02	3.64E-06	2.68E-03	1.00E-02	5.63E-06	2.00E-03	1.28E-02	5.23E-06	2.55E-03	1.83E-02	5.79E-06	3.66E-03

Chronic Hazard Index

DPM REL (µg/m³)	5.0			Year 1			Year 2			Year 3			Year 4		
				Project Concentrations (µg/m³)			Project Concentrations (µg/m³)			Project Concentrations (µg/m³)			Project Concentrations (µg/m³)		
XY	X	Y	Type	OFFROAD	ONROAD	CHRONIC HI	OFFROAD	ONROAD	CHRONIC HI	OFFROAD	ONRD_EX	CHRONIC HI	OFFROAD	ONRD_EX	CHRONIC HI
558215.174160372.59	558215	4160373	WRKR_194	1.43E-02	3.71E-06	**2.86E-03**	1.07E-02	5.74E-06	**2.14E-03**	1.36E-02	5.33E-06	**2.72E-03**	1.95E-02	5.90E-06	**3.91E-03**
558215.174160382.59	558215	4160383	WRKR_195	1.53E-02	3.79E-06	**3.06E-03**	1.14E-02	5.86E-06	**2.29E-03**	1.46E-02	5.44E-06	**2.91E-03**	2.09E-02	6.02E-06	**4.18E-03**
558215.174160392.59	558215	4160393	WRKR_196	1.64E-02	3.86E-06	**3.27E-03**	1.23E-02	5.98E-06	**2.45E-03**	1.56E-02	5.55E-06	**3.12E-03**	2.24E-02	6.14E-06	**4.48E-03**
558215.174160402.59	558215	4160403	WRKR_197	1.76E-02	3.94E-06	**3.52E-03**	1.32E-02	6.10E-06	**2.63E-03**	1.68E-02	5.66E-06	**3.35E-03**	2.40E-02	6.27E-06	**4.81E-03**
558215.174160412.59	558215	4160413	WRKR_198	1.89E-02	4.02E-06	**3.79E-03**	1.42E-02	6.22E-06	**2.83E-03**	1.80E-02	5.78E-06	**3.61E-03**	2.59E-02	6.39E-06	**5.18E-03**
558215.174160422.59	558215	4160423	WRKR_199	2.04E-02	4.09E-06	**4.08E-03**	1.53E-02	6.34E-06	**3.05E-03**	1.94E-02	5.89E-06	**3.89E-03**	2.79E-02	6.51E-06	**5.58E-03**
558215.174160432.59	558215	4160433	WRKR_200	2.21E-02	4.17E-06	**4.41E-03**	1.65E-02	6.46E-06	**3.30E-03**	2.10E-02	6.00E-06	**4.21E-03**	3.02E-02	6.64E-06	**6.03E-03**
558215.174160442.59	558215	4160443	WRKR_201	2.39E-02	4.25E-06	**4.79E-03**	1.79E-02	6.59E-06	**3.58E-03**	2.28E-02	6.12E-06	**4.56E-03**	3.27E-02	6.77E-06	**6.55E-03**
558215.174160452.59	558215	4160453	WRKR_202	2.61E-02	4.34E-06	**5.21E-03**	1.95E-02	6.71E-06	**3.90E-03**	2.48E-02	6.23E-06	**4.97E-03**	3.56E-02	6.90E-06	**7.12E-03**
558215.174160462.59	558215	4160463	WRKR_203	2.83E-02	4.40E-06	**5.66E-03**	2.12E-02	6.82E-06	**4.24E-03**	2.70E-02	6.33E-06	**5.39E-03**	3.87E-02	7.01E-06	**7.74E-03**
558215.174160472.59	558215	4160473	WRKR_204	3.09E-02	4.48E-06	**6.19E-03**	2.32E-02	6.94E-06	**4.63E-03**	2.95E-02	6.44E-06	**5.90E-03**	4.23E-02	7.13E-06	**8.46E-03**
558225.174160362.59	558225	4160363	WRKR_205	1.31E-02	3.80E-06	**2.62E-03**	9.78E-03	5.88E-06	**1.96E-03**	1.25E-02	5.46E-06	**2.49E-03**	1.79E-02	6.04E-06	**3.57E-03**
558225.174160372.59	558225	4160373	WRKR_206	1.40E-02	3.88E-06	**2.79E-03**	1.04E-02	6.00E-06	**2.09E-03**	1.33E-02	5.57E-06	**2.66E-03**	1.91E-02	6.17E-06	**3.82E-03**
558225.174160382.59	558225	4160383	WRKR_207	1.49E-02	3.96E-06	**2.99E-03**	1.12E-02	6.13E-06	**2.24E-03**	1.42E-02	5.70E-06	**2.85E-03**	2.04E-02	6.30E-06	**4.08E-03**
558225.174160392.59	558225	4160393	WRKR_208	1.60E-02	4.05E-06	**3.20E-03**	1.20E-02	6.26E-06	**2.39E-03**	1.52E-02	5.82E-06	**3.05E-03**	2.19E-02	6.44E-06	**4.37E-03**
558225.174160402.59	558225	4160403	WRKR_209	1.72E-02	4.13E-06	**3.43E-03**	1.28E-02	6.40E-06	**2.57E-03**	1.64E-02	5.94E-06	**3.27E-03**	2.35E-02	6.57E-06	**4.69E-03**
558225.174160412.59	558225	4160413	WRKR_210	1.85E-02	4.22E-06	**3.69E-03**	1.38E-02	6.53E-06	**2.76E-03**	1.76E-02	6.06E-06	**3.52E-03**	2.52E-02	6.71E-06	**5.05E-03**
558225.174160422.59	558225	4160423	WRKR_211	1.99E-02	4.30E-06	**3.98E-03**	1.49E-02	6.66E-06	**2.98E-03**	1.90E-02	6.19E-06	**3.79E-03**	2.72E-02	6.85E-06	**5.44E-03**
558225.174160432.59	558225	4160433	WRKR_212	2.15E-02	4.39E-06	**4.31E-03**	1.61E-02	6.80E-06	**3.22E-03**	2.05E-02	6.32E-06	**4.10E-03**	2.94E-02	6.99E-06	**5.89E-03**
558225.174160442.59	558225	4160443	WRKR_213	2.33E-02	4.49E-06	**4.67E-03**	1.75E-02	6.94E-06	**3.50E-03**	2.22E-02	6.45E-06	**4.45E-03**	3.19E-02	7.14E-06	**6.38E-03**
558225.174160452.59	558225	4160453	WRKR_214	2.54E-02	4.58E-06	**5.08E-03**	1.90E-02	7.09E-06	**3.80E-03**	2.42E-02	6.58E-06	**4.84E-03**	3.47E-02	7.28E-06	**6.94E-03**
558225.174160462.59	558225	4160463	WRKR_215	2.77E-02	4.67E-06	**5.54E-03**	2.07E-02	7.23E-06	**4.15E-03**	2.64E-02	6.72E-06	**5.28E-03**	3.79E-02	7.43E-06	**7.58E-03**
558225.174160472.59	558225	4160473	WRKR_216	3.03E-02	4.76E-06	**6.05E-03**	2.27E-02	7.36E-06	**4.53E-03**	2.88E-02	6.84E-06	**5.77E-03**	4.14E-02	7.57E-06	**8.28E-03**
558225.174160482.59	558225	4160483	WRKR_217	3.32E-02	4.84E-06	**6.64E-03**	2.48E-02	7.50E-06	**4.97E-03**	3.16E-02	6.96E-06	**6.33E-03**	4.54E-02	7.70E-06	**9.07E-03**
558235.174160362.59	558235	4160363	WRKR_218	1.27E-02	3.96E-06	**2.55E-03**	9.54E-03	6.13E-06	**1.91E-03**	1.21E-02	5.70E-06	**2.43E-03**	1.74E-02	6.30E-06	**3.49E-03**
558235.174160372.59	558235	4160373	WRKR_219	1.36E-02	4.05E-06	**2.72E-03**	1.02E-02	6.27E-06	**2.04E-03**	1.30E-02	5.83E-06	**2.59E-03**	1.86E-02	6.45E-06	**3.72E-03**
558235.174160382.59	558235	4160383	WRKR_220	1.46E-02	4.14E-06	**2.91E-03**	1.09E-02	6.41E-06	**2.18E-03**	1.39E-02	5.96E-06	**2.77E-03**	1.99E-02	6.59E-06	**3.98E-03**
558235.174160392.59	558235	4160393	WRKR_221	1.56E-02	4.24E-06	**3.12E-03**	1.17E-02	6.56E-06	**2.33E-03**	1.49E-02	6.09E-06	**2.97E-03**	2.13E-02	6.74E-06	**4.26E-03**
558235.174160402.59	558235	4160403	WRKR_222	1.67E-02	4.33E-06	**3.35E-03**	1.25E-02	6.71E-06	**2.51E-03**	1.59E-02	6.23E-06	**3.19E-03**	2.29E-02	6.89E-06	**4.57E-03**
558235.174160412.59	558235	4160413	WRKR_223	1.80E-02	4.43E-06	**3.60E-03**	1.35E-02	6.86E-06	**2.69E-03**	1.71E-02	6.37E-06	**3.43E-03**	2.46E-02	7.05E-06	**4.92E-03**
558235.174160422.59	558235	4160423	WRKR_224	1.94E-02	4.53E-06	**3.88E-03**	1.45E-02	7.01E-06	**2.90E-03**	1.85E-02	6.51E-06	**3.70E-03**	2.65E-02	7.21E-06	**5.30E-03**
558235.174160432.59	558235	4160433	WRKR_225	2.10E-02	4.63E-06	**4.19E-03**	1.57E-02	7.17E-06	**3.14E-03**	2.00E-02	6.66E-06	**4.00E-03**	2.86E-02	7.36E-06	**5.73E-03**
558235.174160442.59	558235	4160443	WRKR_226	2.27E-02	4.73E-06	**4.54E-03**	1.70E-02	7.33E-06	**3.40E-03**	2.16E-02	6.80E-06	**4.33E-03**	3.11E-02	7.53E-06	**6.21E-03**
558235.174160452.59	558235	4160453	WRKR_227	2.47E-02	4.84E-06	**4.94E-03**	1.85E-02	7.49E-06	**3.70E-03**	2.35E-02	6.96E-06	**4.71E-03**	3.38E-02	7.70E-06	**6.75E-03**
558235.174160462.59	558235	4160463	WRKR_228	2.70E-02	4.95E-06	**5.40E-03**	2.02E-02	7.66E-06	**4.04E-03**	2.57E-02	7.11E-06	**5.14E-03**	3.69E-02	7.87E-06	**7.37E-03**
558235.174160472.59	558235	4160473	WRKR_229	2.96E-02	5.06E-06	**5.91E-03**	2.21E-02	7.83E-06	**4.43E-03**	2.82E-02	7.27E-06	**5.63E-03**	4.04E-02	8.04E-06	**8.08E-03**
558235.174160482.59	558235	4160483	WRKR_230	3.24E-02	5.16E-06	**6.48E-03**	2.42E-02	7.98E-06	**4.85E-03**	3.09E-02	7.41E-06	**6.18E-03**	4.43E-02	8.20E-06	**8.86E-03**
558235.174160492.59	558235	4160493	WRKR_231	3.56E-02	5.25E-06	**7.13E-03**	2.67E-02	8.13E-06	**5.33E-03**	3.39E-02	7.55E-06	**6.79E-03**	4.87E-02	8.36E-06	**9.74E-03**
558245.174160362.59	558245	4160363	WRKR_232	1.24E-02	4.13E-06	**2.48E-03**	9.29E-03	6.40E-06	**1.86E-03**	1.18E-02	5.94E-06	**2.37E-03**	1.70E-02	6.58E-06	**3.40E-03**
558245.174160372.59	558245	4160373	WRKR_233	1.32E-02	4.23E-06	**2.65E-03**	9.91E-03	6.55E-06	**1.98E-03**	1.26E-02	6.09E-06	**2.53E-03**	1.81E-02	6.74E-06	**3.62E-03**
558245.174160382.59	558245	4160383	WRKR_234	1.42E-02	4.34E-06	**2.83E-03**	1.06E-02	6.71E-06	**2.12E-03**	1.35E-02	6.23E-06	**2.70E-03**	1.94E-02	6.90E-06	**3.87E-03**
558245.174160392.59	558245	4160393	WRKR_235	1.52E-02	4.44E-06	**3.03E-03**	1.13E-02	6.87E-06	**2.27E-03**	1.44E-02	6.38E-06	**2.89E-03**	2.07E-02	7.06E-06	**4.15E-03**
558245.174160402.59	558245	4160403	WRKR_236	1.63E-02	4.55E-06	**3.26E-03**	1.22E-02	7.04E-06	**2.44E-03**	1.55E-02	6.54E-06	**3.10E-03**	2.22E-02	7.23E-06	**4.45E-03**
558245.174160412.59	558245	4160413	WRKR_237	1.75E-02	4.65E-06	**3.50E-03**	1.31E-02	7.20E-06	**2.62E-03**	1.67E-02	6.69E-06	**3.34E-03**	2.39E-02	7.40E-06	**4.78E-03**
558245.174160422.59	558245	4160423	WRKR_238	1.89E-02	4.76E-06	**3.77E-03**	1.41E-02	7.38E-06	**2.82E-03**	1.80E-02	6.85E-06	**3.59E-03**	2.58E-02	7.58E-06	**5.16E-03**
558245.174160432.59	558245	4160433	WRKR_239	2.04E-02	4.88E-06	**4.07E-03**	1.52E-02	7.55E-06	**3.05E-03**	1.94E-02	7.01E-06	**3.88E-03**	2.78E-02	7.76E-06	**5.57E-03**
558245.174160442.59	558245	4160443	WRKR_240	2.21E-02	4.99E-06	**4.42E-03**	1.65E-02	7.73E-06	**3.30E-03**	2.10E-02	7.18E-06	**4.21E-03**	3.02E-02	7.94E-06	**6.03E-03**
558245.174160452.59	558245	4160453	WRKR_241	2.40E-02	5.12E-06	**4.80E-03**	1.80E-02	7.92E-06	**3.59E-03**	2.29E-02	7.36E-06	**4.58E-03**	3.28E-02	8.14E-06	**6.56E-03**
558245.174160462.59	558245	4160463	WRKR_242	2.62E-02	5.24E-06	**5.24E-03**	1.96E-02	8.11E-06	**3.92E-03**	2.50E-02	7.54E-06	**5.00E-03**	3.58E-02	8.34E-06	**7.17E-03**
558245.174160472.59	558245	4160473	WRKR_243	2.87E-02	5.37E-06	**5.74E-03**	2.15E-02	8.31E-06	**4.29E-03**	2.73E-02	7.71E-06	**5.47E-03**	3.92E-02	8.54E-06	**7.84E-03**
558245.174160482.59	558245	4160483	WRKR_244	3.15E-02	5.49E-06	**6.31E-03**	2.36E-02	8.50E-06	**4.72E-03**	3.00E-02	7.90E-06	**6.01E-03**	4.31E-02	8.74E-06	**8.62E-03**
558245.174160492.59	558245	4160493	WRKR_245	3.47E-02	5.61E-06	**6.95E-03**	2.60E-02	8.69E-06	**5.20E-03**	3.31E-02	8.07E-06	**6.62E-03**	4.75E-02	8.93E-06	**9.50E-03**
558245.174160502.59	558245	4160503	WRKR_246	3.84E-02	5.73E-06	**7.68E-03**	2.87E-02	8.86E-06	**5.74E-03**	3.66E-02	8.23E-06	**7.31E-03**	5.24E-02	9.11E-06	**1.05E-02**
558255.174160362.59	558255	4160363	WRKR_247	1.21E-02	4.31E-06	**2.42E-03**	9.03E-03	6.68E-06	**1.81E-03**	1.15E-02	6.20E-06	**2.30E-03**	1.65E-02	6.86E-06	**3.30E-03**
558255.174160372.59	558255	4160373	WRKR_248	1.29E-02	4.42E-06	**2.58E-03**	9.63E-03	6.85E-06	**1.93E-03**	1.23E-02	6.36E-06	**2.45E-03**	1.76E-02	7.04E-06	**3.52E-03**
558255.174160382.59	558255	4160383	WRKR_249	1.38E-02	4.54E-06	**2.75E-03**	1.03E-02	7.02E-06	**2.06E-03**	1.31E-02	6.52E-06	**2.62E-03**	1.88E-02	7.22E-06	**3.76E-03**
558255.174160392.59	558255	4160393	WRKR_250	1.47E-02	4.65E-06	**2.95E-03**	1.10E-02	7.20E-06	**2.21E-03**	1.40E-02	6.69E-06	**2.81E-03**	2.01E-02	7.40E-06	**4.03E-03**
558255.174160402.59	558255	4160403	WRKR_251	1.58E-02	4.77E-06	**3.16E-03**	1.18E-02	7.38E-06	**2.37E-03**	1.51E-02	6.86E-06	**3.01E-03**	2.16E-02	7.59E-06	**4.32E-03**
558255.174160412.59	558255	4160413	WRKR_252	1.70E-02	4.89E-06	**3.40E-03**	1.27E-02	7.57E-06	**2.55E-03**	1.62E-02	7.04E-06	**3.24E-03**	2.32E-02	7.78E-06	**4.65E-03**
558255.174160422.59	558255	4160423	WRKR_253	1.83E-02	5.01E-06	**3.66E-03**	1.37E-02	7.76E-06	**2.74E-03**	1.74E-02	7.21E-06	**3.49E-03**	2.50E-02	7.98E-06	**5.01E-03**
558255.174160432.59	558255	4160433	WRKR_254	1.98E-02	5.14E-06	**3.96E-03**	1.48E-02	7.96E-06	**2.96E-03**	1.88E-02	7.39E-06	**3.77E-03**	2.70E-02	8.18E-06	**5.41E-03**
558255.174160442.59	558255	4160443	WRKR_255	2.14E-02	5.28E-06	**4.29E-03**	1.60E-02	8.17E-06	**3.21E-03**	2.04E-02	7.59E-06	**4.09E-03**	2.93E-02	8.39E-06	**5.86E-03**
558255.174160452.59	558255	4160453	WRKR_256	2.33E-02	5.41E-06	**4.66E-03**	1.74E-02	8.38E-06	**3.49E-03**	2.22E-02	7.78E-06	**4.44E-03**	3.19E-02	8.61E-06	**6.37E-03**
558255.174160462.59	558255	4160463	WRKR_257	2.54E-02	5.55E-06	**5.08E-03**	1.90E-02	8.60E-06	**3.81E-03**	2.42E-02	7.98E-06	**4.84E-03**	3.47E-02	8.84E-06	**6.95E-03**
558255.174160472.59	558255	4160473	WRKR_258	2.78E-02	5.70E-06	**5.57E-03**	2.08E-02	8.82E-06	**4.17E-03**	2.65E-02	8.19E-06	**5.30E-03**	3.80E-02	9.06E-06	**7.61E-03**
558255.174160482.59	558255	4160483	WRKR_259	3.06E-02	5.85E-06	**6.12E-03**	2.29E-02	9.05E-06	**4.58E-03**	2.92E-02	8.41E-06	**5.83E-03**	4.18E-02	9.30E-06	**8.37E-03**
558255.174160492.59	558255	4160493	WRKR_260	3.38E-02	6.00E-06	**6.77E-03**	2.53E-02	9.29E-06	**5.07E-03**	3.22E-02	8.63E-06	**6.45E-03**	4.62E-02	9.55E-06	**9.25E-03**
558255.174160502.59	558255	4160503	WRKR_261	3.74E-02	6.14E-06	**7.48E-03**	2.80E-02	9.50E-06	**5.60E-03**	3.56E-02	8.83E-06	**7.13E-03**	5.11E-02	9.77E-06	**1.02E-02**
558255.174160512.59	558255	4160513	WRKR_262	4.16E-02	6.28E-06	**8.31E-03**	3.11E-02	9.72E-06	**6.22E-03**	3.96E-02	9.03E-06	**7.92E-03**	5.68E-02	9.99E-06	**1.14E-02**
558265.174160362.59	558265	4160363	WRKR_263	1.17E-02	4.50E-06	**2.34E-03**	8.77E-03	6.97E-06	**1.76E-03**	1.12E-02	6.47E-06	**2.23E-03**	1.60E-02	7.16E-06	**3.21E-03**
558265.174160372.59	558265	4160373	WRKR_264	1.25E-02	4.62E-06	**2.50E-03**	9.35E-03	7.15E-06	**1.87E-03**	1.19E-02	6.65E-06	**2.38E-03**	1.71E-02	7.35E-06	**3.42E-03**
558265.174160382.59	558265	4160383	WRKR_265	1.33E-02	4.74E-06	**2.67E-03**	9.99E-03	7.34E-06	**2.00E-03**	1.27E-02	6.82E-06	**2.55E-03**	1.82E-02	7.55E-06	**3.65E-03**

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

				Year 1			Year 2			Year 3			Year 4		
				Project Concentrations (µg/m^3)			Project Concentrations (µg/m^3)			Project Concentrations (µg/m^3)			Project Concentrations (µg/m^3)		
XY	X	Y	Type	OFFROAD	ONROAD	CHRONIC HI	OFFROAD	ONROAD	CHRONIC HI	OFFROAD	ONRD_EX	CHRONIC HI	OFFROAD	ONRD_EX	CHRONIC HI
558265.174160392.59	558265	4160393	WRKR_266	1.43E-02	4.87E-06	**2.86E-03**	1.07E-02	7.54E-06	**2.14E-03**	1.36E-02	7.00E-06	**2.72E-03**	1.95E-02	7.75E-06	**3.91E-03**
558265.174160402.59	558265	4160403	WRKR_267	1.53E-02	5.00E-06	**3.07E-03**	1.15E-02	7.74E-06	**2.30E-03**	1.46E-02	7.19E-06	**2.92E-03**	2.10E-02	7.96E-06	**4.19E-03**
558265.174160412.59	558265	4160413	WRKR_268	1.65E-02	5.14E-06	**3.30E-03**	1.23E-02	7.95E-06	**2.47E-03**	1.57E-02	7.39E-06	**3.14E-03**	2.25E-02	8.17E-06	**4.51E-03**
558265.174160422.59	558265	4160423	WRKR_269	1.78E-02	5.28E-06	**3.55E-03**	1.33E-02	8.17E-06	**2.66E-03**	1.69E-02	7.59E-06	**3.38E-03**	2.43E-02	8.39E-06	**4.86E-03**
558265.174160432.59	558265	4160433	WRKR_270	1.92E-02	5.42E-06	**3.84E-03**	1.44E-02	8.39E-06	**2.87E-03**	1.83E-02	7.79E-06	**3.66E-03**	2.62E-02	8.62E-06	**5.25E-03**
558265.174160442.59	558265	4160443	WRKR_271	2.08E-02	5.57E-06	**4.16E-03**	1.56E-02	8.63E-06	**3.11E-03**	1.98E-02	8.01E-06	**3.97E-03**	2.84E-02	8.87E-06	**5.69E-03**
558265.174160452.59	558265	4160453	WRKR_272	2.26E-02	5.73E-06	**4.52E-03**	1.69E-02	8.87E-06	**3.38E-03**	2.15E-02	8.23E-06	**4.31E-03**	3.09E-02	9.11E-06	**6.18E-03**
558265.174160462.59	558265	4160463	WRKR_273	2.46E-02	5.88E-06	**4.93E-03**	1.84E-02	9.11E-06	**3.69E-03**	2.35E-02	8.46E-06	**4.69E-03**	3.37E-02	9.36E-06	**6.73E-03**
558265.174160472.59	558265	4160473	WRKR_274	2.70E-02	6.05E-06	**5.40E-03**	2.02E-02	9.37E-06	**4.04E-03**	2.57E-02	8.70E-06	**5.14E-03**	3.69E-02	9.63E-06	**7.38E-03**
558265.174160482.59	558265	4160483	WRKR_275	2.97E-02	6.23E-06	**5.94E-03**	2.22E-02	9.65E-06	**4.45E-03**	2.83E-02	8.96E-06	**5.66E-03**	4.06E-02	9.91E-06	**8.12E-03**
558265.174160492.59	558265	4160493	WRKR_276	3.29E-02	6.41E-06	**6.57E-03**	2.46E-02	9.92E-06	**4.92E-03**	3.13E-02	9.22E-06	**6.26E-03**	4.49E-02	1.02E-05	**8.98E-03**
558265.174160502.59	558265	4160503	WRKR_277	3.65E-02	6.60E-06	**7.31E-03**	2.73E-02	1.02E-05	**5.47E-03**	3.48E-02	9.49E-06	**6.97E-03**	5.00E-02	1.05E-05	**9.99E-03**
558265.174160512.59	558265	4160513	WRKR_278	4.07E-02	6.77E-06	**8.14E-03**	3.04E-02	1.05E-05	**6.09E-03**	3.88E-02	9.73E-06	**7.75E-03**	5.56E-02	1.08E-05	**1.11E-02**
558265.174160522.59	558265	4160523	WRKR_279	4.56E-02	6.94E-06	**9.12E-03**	3.41E-02	1.07E-05	**6.83E-03**	4.34E-02	9.98E-06	**8.69E-03**	6.23E-02	1.10E-05	**1.25E-02**
558275.174160362.59	558275	4160363	WRKR_280	1.14E-02	4.70E-06	**2.27E-03**	8.50E-03	7.27E-06	**1.70E-03**	1.08E-02	6.76E-06	**2.17E-03**	1.55E-02	7.48E-06	**3.11E-03**
558275.174160372.59	558275	4160373	WRKR_281	1.21E-02	4.83E-06	**2.42E-03**	9.06E-03	7.47E-06	**1.81E-03**	1.15E-02	6.94E-06	**2.31E-03**	1.66E-02	7.68E-06	**3.31E-03**
558275.174160382.59	558275	4160383	WRKR_282	1.29E-02	4.96E-06	**2.59E-03**	9.68E-03	7.68E-06	**1.94E-03**	1.23E-02	7.13E-06	**2.47E-03**	1.77E-02	7.89E-06	**3.54E-03**
558275.174160392.59	558275	4160393	WRKR_283	1.38E-02	5.10E-06	**2.77E-03**	1.04E-02	7.89E-06	**2.07E-03**	1.32E-02	7.33E-06	**2.64E-03**	1.89E-02	8.11E-06	**3.79E-03**
558275.174160402.59	558275	4160403	WRKR_284	1.49E-02	5.24E-06	**2.97E-03**	1.11E-02	8.12E-06	**2.22E-03**	1.42E-02	7.54E-06	**2.83E-03**	2.03E-02	8.34E-06	**4.06E-03**
558275.174160412.59	558275	4160413	WRKR_285	1.60E-02	5.39E-06	**3.19E-03**	1.19E-02	8.35E-06	**2.39E-03**	1.52E-02	7.76E-06	**3.04E-03**	2.18E-02	8.58E-06	**4.37E-03**
558275.174160422.59	558275	4160423	WRKR_286	1.72E-02	5.55E-06	**3.44E-03**	1.29E-02	8.59E-06	**2.58E-03**	1.64E-02	7.98E-06	**3.28E-03**	2.35E-02	8.83E-06	**4.70E-03**
558275.174160432.59	558275	4160433	WRKR_287	1.86E-02	5.71E-06	**3.72E-03**	1.39E-02	8.85E-06	**2.78E-03**	1.77E-02	8.22E-06	**3.55E-03**	2.54E-02	9.09E-06	**5.08E-03**
558275.174160442.59	558275	4160443	WRKR_288	2.01E-02	5.88E-06	**4.03E-03**	1.51E-02	9.11E-06	**3.02E-03**	1.92E-02	8.46E-06	**3.84E-03**	2.75E-02	9.36E-06	**5.51E-03**
558275.174160452.59	558275	4160453	WRKR_289	2.19E-02	6.06E-06	**4.38E-03**	1.64E-02	9.38E-06	**3.28E-03**	2.09E-02	8.71E-06	**4.17E-03**	2.99E-02	9.64E-06	**5.99E-03**
558275.174160462.59	558275	4160463	WRKR_290	2.39E-02	6.24E-06	**4.78E-03**	1.79E-02	9.66E-06	**3.58E-03**	2.28E-02	8.97E-06	**4.55E-03**	3.27E-02	9.93E-06	**6.53E-03**
558275.174160472.59	558275	4160473	WRKR_291	2.62E-02	6.44E-06	**5.24E-03**	1.96E-02	9.97E-06	**3.92E-03**	2.50E-02	9.26E-06	**5.00E-03**	3.58E-02	1.02E-05	**7.17E-03**
558275.174160482.59	558275	4160483	WRKR_292	2.88E-02	6.64E-06	**5.77E-03**	2.16E-02	1.03E-05	**4.32E-03**	2.75E-02	9.55E-06	**5.50E-03**	3.94E-02	1.06E-05	**7.89E-03**
558275.174160492.59	558275	4160493	WRKR_293	3.19E-02	6.85E-06	**6.38E-03**	2.39E-02	1.06E-05	**4.78E-03**	3.04E-02	9.85E-06	**6.08E-03**	4.36E-02	1.09E-05	**8.73E-03**
558275.174160502.59	558275	4160503	WRKR_294	3.56E-02	7.07E-06	**7.11E-03**	2.66E-02	1.10E-05	**5.32E-03**	3.39E-02	1.02E-05	**6.78E-03**	4.86E-02	1.13E-05	**9.72E-03**
558275.174160512.59	558275	4160513	WRKR_295	3.99E-02	7.31E-06	**7.99E-03**	2.99E-02	1.13E-05	**5.98E-03**	3.80E-02	1.05E-05	**7.61E-03**	5.46E-02	1.16E-05	**1.09E-02**
558275.174160522.59	558275	4160523	WRKR_296	4.50E-02	7.53E-06	**9.00E-03**	3.37E-02	1.17E-05	**6.73E-03**	4.28E-02	1.08E-05	**8.57E-03**	6.15E-02	1.20E-05	**1.23E-02**
558275.174160532.59	558275	4160533	WRKR_297	5.10E-02	7.75E-06	**1.02E-02**	3.81E-02	1.20E-05	**7.63E-03**	4.86E-02	1.11E-05	**9.71E-03**	6.97E-02	1.23E-05	**1.39E-02**
558285.174160362.59	558285	4160363	WRKR_298	1.10E-02	4.90E-06	**2.20E-03**	8.24E-03	7.59E-06	**1.65E-03**	1.05E-02	7.05E-06	**2.10E-03**	1.50E-02	7.80E-06	**3.01E-03**
558285.174160372.59	558285	4160373	WRKR_299	1.17E-02	5.04E-06	**2.35E-03**	8.78E-03	7.80E-06	**1.76E-03**	1.12E-02	7.25E-06	**2.24E-03**	1.60E-02	8.02E-06	**3.21E-03**
558285.174160382.59	558285	4160383	WRKR_300	1.25E-02	5.18E-06	**2.51E-03**	9.37E-03	8.02E-06	**1.88E-03**	1.19E-02	7.45E-06	**2.39E-03**	1.71E-02	8.25E-06	**3.43E-03**
558285.174160392.59	558285	4160393	WRKR_301	1.34E-02	5.34E-06	**2.68E-03**	1.00E-02	8.26E-06	**2.01E-03**	1.28E-02	7.67E-06	**2.56E-03**	1.83E-02	8.49E-06	**3.67E-03**
558285.174160402.59	558285	4160403	WRKR_302	1.44E-02	5.50E-06	**2.88E-03**	1.08E-02	8.51E-06	**2.15E-03**	1.37E-02	7.90E-06	**2.74E-03**	1.96E-02	8.74E-06	**3.93E-03**
558285.174160412.59	558285	4160413	WRKR_303	1.55E-02	5.66E-06	**3.09E-03**	1.16E-02	8.77E-06	**2.31E-03**	1.47E-02	8.14E-06	**2.95E-03**	2.11E-02	9.01E-06	**4.23E-03**
558285.174160422.59	558285	4160423	WRKR_304	1.67E-02	5.84E-06	**3.33E-03**	1.25E-02	9.04E-06	**2.50E-03**	1.59E-02	8.39E-06	**3.18E-03**	2.28E-02	9.29E-06	**4.56E-03**
558285.174160432.59	558285	4160433	WRKR_305	1.80E-02	6.02E-06	**3.60E-03**	1.35E-02	9.32E-06	**2.70E-03**	1.72E-02	8.65E-06	**3.43E-03**	2.46E-02	9.57E-06	**4.92E-03**
558285.174160442.59	558285	4160443	WRKR_306	1.95E-02	6.21E-06	**3.90E-03**	1.46E-02	9.61E-06	**2.92E-03**	1.86E-02	8.92E-06	**3.72E-03**	2.67E-02	9.87E-06	**5.34E-03**
558285.174160452.59	558285	4160453	WRKR_307	2.12E-02	6.40E-06	**4.25E-03**	1.59E-02	9.92E-06	**3.18E-03**	2.02E-02	9.21E-06	**4.05E-03**	2.90E-02	1.02E-05	**5.80E-03**
558285.174160462.59	558285	4160463	WRKR_308	2.32E-02	6.62E-06	**4.64E-03**	1.74E-02	1.02E-05	**3.47E-03**	2.21E-02	9.52E-06	**4.42E-03**	3.17E-02	1.05E-05	**6.34E-03**
558285.174160472.59	558285	4160473	WRKR_309	2.54E-02	6.84E-06	**5.09E-03**	1.90E-02	1.06E-05	**3.81E-03**	2.42E-02	9.84E-06	**4.85E-03**	3.48E-02	1.09E-05	**6.96E-03**
558285.174160482.59	558285	4160483	WRKR_310	2.80E-02	7.07E-06	**5.60E-03**	2.10E-02	1.10E-05	**4.20E-03**	2.67E-02	1.02E-05	**5.34E-03**	3.83E-02	1.13E-05	**7.66E-03**
558285.174160492.59	558285	4160493	WRKR_311	3.10E-02	7.32E-06	**6.21E-03**	2.32E-02	1.13E-05	**4.65E-03**	2.96E-02	1.05E-05	**5.92E-03**	4.24E-02	1.16E-05	**8.48E-03**
558285.174160502.59	558285	4160503	WRKR_312	3.46E-02	7.59E-06	**6.93E-03**	2.59E-02	1.17E-05	**5.19E-03**	3.30E-02	1.09E-05	**6.60E-03**	4.74E-02	1.21E-05	**9.47E-03**
558285.174160512.59	558285	4160513	WRKR_313	3.90E-02	7.88E-06	**7.80E-03**	2.92E-02	1.22E-05	**5.84E-03**	3.72E-02	1.13E-05	**7.43E-03**	5.33E-02	1.25E-05	**1.07E-02**
558285.174160522.59	558285	4160523	WRKR_314	4.42E-02	8.17E-06	**8.84E-03**	3.31E-02	1.26E-05	**6.61E-03**	4.21E-02	1.17E-05	**8.42E-03**	6.04E-02	1.30E-05	**1.21E-02**
558285.174160532.59	558285	4160533	WRKR_315	5.03E-02	8.44E-06	**1.01E-02**	3.76E-02	1.31E-05	**7.52E-03**	4.79E-02	1.21E-05	**9.58E-03**	6.87E-02	1.34E-05	**1.37E-02**
558295.174160362.59	558295	4160363	WRKR_316	1.06E-02	5.11E-06	**2.13E-03**	7.97E-03	7.91E-06	**1.60E-03**	1.01E-02	7.35E-06	**2.03E-03**	1.46E-02	8.13E-06	**2.91E-03**
558295.174160372.59	558295	4160373	WRKR_317	1.13E-02	5.26E-06	**2.27E-03**	8.49E-03	8.14E-06	**1.70E-03**	1.08E-02	7.56E-06	**2.16E-03**	1.55E-02	8.37E-06	**3.10E-03**
558295.174160382.59	558295	4160383	WRKR_318	1.21E-02	5.42E-06	**2.42E-03**	9.06E-03	8.39E-06	**1.81E-03**	1.15E-02	7.79E-06	**2.31E-03**	1.66E-02	8.62E-06	**3.31E-03**
558295.174160392.59	558295	4160393	WRKR_319	1.30E-02	5.58E-06	**2.59E-03**	9.70E-03	8.64E-06	**1.94E-03**	1.23E-02	8.02E-06	**2.47E-03**	1.77E-02	8.88E-06	**3.54E-03**
558295.174160402.59	558295	4160403	WRKR_320	1.39E-02	5.75E-06	**2.78E-03**	1.04E-02	8.90E-06	**2.08E-03**	1.32E-02	8.27E-06	**2.65E-03**	1.90E-02	9.15E-06	**3.80E-03**
558295.174160412.59	558295	4160413	WRKR_321	1.49E-02	5.94E-06	**2.99E-03**	1.12E-02	9.19E-06	**2.24E-03**	1.42E-02	8.54E-06	**2.85E-03**	2.04E-02	9.45E-06	**4.09E-03**
558295.174160422.59	558295	4160423	WRKR_322	1.61E-02	6.13E-06	**3.22E-03**	1.21E-02	9.49E-06	**2.41E-03**	1.54E-02	8.81E-06	**3.07E-03**	2.20E-02	9.75E-06	**4.41E-03**
558295.174160432.59	558295	4160433	WRKR_323	1.74E-02	6.33E-06	**3.49E-03**	1.30E-02	9.80E-06	**2.61E-03**	1.66E-02	9.11E-06	**3.32E-03**	2.38E-02	1.01E-05	**4.77E-03**
558295.174160442.59	558295	4160443	WRKR_324	1.89E-02	6.55E-06	**3.78E-03**	1.41E-02	1.01E-05	**2.83E-03**	1.80E-02	9.41E-06	**3.60E-03**	2.58E-02	1.04E-05	**5.17E-03**
558295.174160452.59	558295	4160453	WRKR_325	2.06E-02	6.77E-06	**4.12E-03**	1.54E-02	1.05E-05	**3.08E-03**	1.96E-02	9.74E-06	**3.93E-03**	2.81E-02	1.08E-05	**5.63E-03**
558295.174160462.59	558295	4160463	WRKR_326	2.25E-02	7.02E-06	**4.50E-03**	1.68E-02	1.09E-05	**3.37E-03**	2.15E-02	1.01E-05	**4.29E-03**	3.08E-02	1.12E-05	**6.16E-03**
558295.174160472.59	558295	4160473	WRKR_327	2.47E-02	7.27E-06	**4.94E-03**	1.85E-02	1.13E-05	**3.70E-03**	2.35E-02	1.04E-05	**4.71E-03**	3.38E-02	1.16E-05	**6.76E-03**
558295.174160482.59	558295	4160483	WRKR_328	2.73E-02	7.54E-06	**5.45E-03**	2.04E-02	1.17E-05	**4.08E-03**	2.60E-02	1.08E-05	**5.20E-03**	3.73E-02	1.20E-05	**7.46E-03**
558295.174160492.59	558295	4160493	WRKR_329	3.02E-02	7.82E-06	**6.05E-03**	2.26E-02	1.21E-05	**4.53E-03**	2.88E-02	1.13E-05	**5.77E-03**	4.13E-02	1.24E-05	**8.27E-03**
558295.174160502.59	558295	4160503	WRKR_330	3.38E-02	8.14E-06	**6.76E-03**	2.53E-02	1.26E-05	**5.06E-03**	3.22E-02	1.17E-05	**6.44E-03**	4.62E-02	1.29E-05	**9.24E-03**
558295.174160512.59	558295	4160513	WRKR_331	3.82E-02	8.48E-06	**7.63E-03**	2.86E-02	1.31E-05	**5.71E-03**	3.64E-02	1.22E-05	**7.27E-03**	5.22E-02	1.35E-05	**1.04E-02**
558295.174160522.59	558295	4160523	WRKR_332	4.33E-02	8.85E-06	**8.67E-03**	3.24E-02	1.37E-05	**6.49E-03**	4.13E-02	1.27E-05	**8.26E-03**	5.92E-02	1.41E-05	**1.19E-02**
558295.174160532.59	558295	4160533	WRKR_333	4.95E-02	9.21E-06	**9.90E-03**	3.70E-02	1.43E-05	**7.41E-03**	4.72E-02	1.32E-05	**9.44E-03**	6.77E-02	1.46E-05	**1.35E-02**
558305.174160362.59	558305	4160363	WRKR_334	1.03E-02	5.32E-06	**2.06E-03**	7.70E-03	8.24E-06	**1.54E-03**	9.81E-03	7.66E-06	**1.96E-03**	1.41E-02	8.47E-06	**2.82E-03**
558305.174160372.59	558305	4160373	WRKR_335	1.10E-02	5.49E-06	**2.19E-03**	8.20E-03	8.49E-06	**1.64E-03**	1.04E-02	7.89E-06	**2.09E-03**	1.50E-02	8.73E-06	**3.00E-03**
558305.174160382.59	558305	4160383	WRKR_336	1.17E-02	5.65E-06	**2.34E-03**	8.76E-03	8.75E-06	**1.75E-03**	1.12E-02	8.13E-06	**2.23E-03**	1.60E-02	8.99E-06	**3.20E-03**
558305.174160392.59	558305	4160393	WRKR_337	1.25E-02	5.83E-06	**2.51E-03**	9.37E-03	9.02E-06	**1.88E-03**	1.19E-02	8.38E-06	**2.39E-03**	1.71E-02	9.27E-06	**3.42E-03**

Chronic Hazard Index

DPM REL (µg/m³) 5.0

				Year 1			Year 2			Year 3			Year 4		
				Project Concentrations (µg/m³)			Project Concentrations (µg/m³)			Project Concentrations (µg/m³)			Project Concentrations (µg/m³)		
XY	X	Y	Type	OFFROAD	ONROAD	CHRONIC HI	OFFROAD	ONROAD	CHRONIC HI	OFFROAD	ONRD_EX	CHRONIC HI	OFFROAD	ONRD_EX	CHRONIC HI
558305.174160402.59	558305	4160403	WRKR_338	1.34E-02	6.00E-06	**2.69E-03**	1.01E-02	9.29E-06	**2.01E-03**	1.28E-02	8.63E-06	**2.56E-03**	1.84E-02	9.55E-06	**3.67E-03**
558305.174160412.59	558305	4160413	WRKR_339	1.44E-02	6.20E-06	**2.89E-03**	1.08E-02	9.60E-06	**2.16E-03**	1.38E-02	8.92E-06	**2.75E-03**	1.97E-02	9.87E-06	**3.95E-03**
558305.174160422.59	558305	4160423	WRKR_340	1.56E-02	6.43E-06	**3.12E-03**	1.17E-02	9.95E-06	**2.33E-03**	1.48E-02	9.24E-06	**2.97E-03**	2.13E-02	1.02E-05	**4.26E-03**
558305.174160432.59	558305	4160433	WRKR_341	1.69E-02	6.65E-06	**3.37E-03**	1.26E-02	1.03E-05	**2.52E-03**	1.61E-02	9.57E-06	**3.21E-03**	2.30E-02	1.06E-05	**4.61E-03**
558305.174160442.59	558305	4160443	WRKR_342	1.83E-02	6.89E-06	**3.66E-03**	1.37E-02	1.07E-05	**2.74E-03**	1.74E-02	9.91E-06	**3.49E-03**	2.50E-02	1.10E-05	**5.01E-03**
558305.174160452.59	558305	4160453	WRKR_343	2.00E-02	7.15E-06	**3.99E-03**	1.49E-02	1.11E-05	**2.99E-03**	1.90E-02	1.03E-05	**3.80E-03**	2.73E-02	1.14E-05	**5.46E-03**
558305.174160462.59	558305	4160463	WRKR_344	2.18E-02	7.42E-06	**4.37E-03**	1.63E-02	1.15E-05	**3.27E-03**	2.08E-02	1.07E-05	**4.16E-03**	2.98E-02	1.18E-05	**5.97E-03**
558305.174160472.59	558305	4160473	WRKR_345	2.40E-02	7.71E-06	**4.80E-03**	1.80E-02	1.19E-05	**3.60E-03**	2.29E-02	1.11E-05	**4.58E-03**	3.28E-02	1.23E-05	**6.57E-03**
558305.174160482.59	558305	4160483	WRKR_346	2.65E-02	8.02E-06	**5.31E-03**	1.99E-02	1.24E-05	**3.97E-03**	2.53E-02	1.15E-05	**5.06E-03**	3.63E-02	1.28E-05	**7.26E-03**
558305.174160492.59	558305	4160493	WRKR_347	2.95E-02	8.36E-06	**5.91E-03**	2.21E-02	1.29E-05	**4.42E-03**	2.81E-02	1.20E-05	**5.63E-03**	4.04E-02	1.33E-05	**8.07E-03**
558305.174160502.59	558305	4160503	WRKR_348	3.31E-02	8.72E-06	**6.62E-03**	2.47E-02	1.35E-05	**4.95E-03**	3.15E-02	1.25E-05	**6.30E-03**	4.52E-02	1.39E-05	**9.04E-03**
558305.174160512.59	558305	4160513	WRKR_349	3.74E-02	9.13E-06	**7.48E-03**	2.80E-02	1.41E-05	**5.60E-03**	3.56E-02	1.31E-05	**7.13E-03**	5.11E-02	1.45E-05	**1.02E-02**
558305.174160522.59	558305	4160523	WRKR_350	4.26E-02	9.58E-06	**8.52E-03**	3.19E-02	1.48E-05	**6.38E-03**	4.06E-02	1.38E-05	**8.12E-03**	5.82E-02	1.52E-05	**1.16E-02**
558305.174160532.59	558305	4160533	WRKR_351	4.88E-02	1.00E-05	**9.75E-03**	3.65E-02	1.55E-05	**7.30E-03**	4.65E-02	1.44E-05	**9.29E-03**	6.66E-02	1.60E-05	**1.33E-02**
558315.174160362.59	558315	4160363	WRKR_352	9.95E-03	5.54E-06	**1.99E-03**	7.44E-03	8.58E-06	**1.49E-03**	9.48E-03	7.97E-06	**1.90E-03**	1.36E-02	8.82E-06	**2.72E-03**
558315.174160372.59	558315	4160373	WRKR_353	1.06E-02	5.72E-06	**2.12E-03**	7.92E-03	8.85E-06	**1.59E-03**	1.01E-02	8.22E-06	**2.02E-03**	1.45E-02	9.10E-06	**2.90E-03**
558315.174160382.59	558315	4160383	WRKR_354	1.13E-02	5.89E-06	**2.26E-03**	8.46E-03	9.12E-06	**1.69E-03**	1.08E-02	8.47E-06	**2.16E-03**	1.55E-02	9.37E-06	**3.09E-03**
558315.174160392.59	558315	4160393	WRKR_355	1.21E-02	6.08E-06	**2.42E-03**	9.05E-03	9.41E-06	**1.81E-03**	1.15E-02	8.74E-06	**2.31E-03**	1.65E-02	9.67E-06	**3.31E-03**
558315.174160402.59	558315	4160403	WRKR_356	1.30E-02	6.28E-06	**2.60E-03**	9.71E-03	9.72E-06	**1.94E-03**	1.24E-02	9.03E-06	**2.47E-03**	1.77E-02	9.99E-06	**3.55E-03**
558315.174160412.59	558315	4160413	WRKR_357	1.40E-02	6.49E-06	**2.79E-03**	1.04E-02	1.00E-05	**2.09E-03**	1.33E-02	9.33E-06	**2.66E-03**	1.91E-02	1.03E-05	**3.82E-03**
558315.174160422.59	558315	4160423	WRKR_358	1.51E-02	6.72E-06	**3.01E-03**	1.13E-02	1.04E-05	**2.26E-03**	1.43E-02	9.67E-06	**2.87E-03**	2.06E-02	1.07E-05	**4.12E-03**
558315.174160432.59	558315	4160433	WRKR_359	1.63E-02	6.98E-06	**3.26E-03**	1.22E-02	1.08E-05	**2.44E-03**	1.55E-02	1.00E-05	**3.11E-03**	2.23E-02	1.11E-05	**4.46E-03**
558315.174160442.59	558315	4160443	WRKR_360	1.77E-02	7.24E-06	**3.54E-03**	1.33E-02	1.12E-05	**2.65E-03**	1.69E-02	1.04E-05	**3.38E-03**	2.42E-02	1.15E-05	**4.84E-03**
558315.174160452.59	558315	4160453	WRKR_361	1.93E-02	7.53E-06	**3.87E-03**	1.45E-02	1.17E-05	**2.89E-03**	1.84E-02	1.08E-05	**3.69E-03**	2.64E-02	1.20E-05	**5.29E-03**
558315.174160462.59	558315	4160463	WRKR_362	2.12E-02	7.83E-06	**4.24E-03**	1.59E-02	1.21E-05	**3.17E-03**	2.02E-02	1.13E-05	**4.04E-03**	2.90E-02	1.25E-05	**5.79E-03**
558315.174160472.59	558315	4160473	WRKR_363	2.33E-02	8.16E-06	**4.67E-03**	1.75E-02	1.26E-05	**3.50E-03**	2.22E-02	1.17E-05	**4.45E-03**	3.19E-02	1.30E-05	**6.38E-03**
558315.174160482.59	558315	4160483	WRKR_364	2.59E-02	8.51E-06	**5.17E-03**	1.93E-02	1.32E-05	**3.87E-03**	2.46E-02	1.22E-05	**4.93E-03**	3.53E-02	1.35E-05	**7.07E-03**
558315.174160492.59	558315	4160493	WRKR_365	2.88E-02	8.90E-06	**5.77E-03**	2.16E-02	1.38E-05	**4.32E-03**	2.75E-02	1.28E-05	**5.50E-03**	3.94E-02	1.42E-05	**7.89E-03**
558315.174160502.59	558315	4160503	WRKR_366	3.24E-02	9.34E-06	**6.48E-03**	2.42E-02	1.45E-05	**4.85E-03**	3.09E-02	1.34E-05	**6.18E-03**	4.43E-02	1.49E-05	**8.86E-03**
558315.174160512.59	558315	4160513	WRKR_367	3.67E-02	9.82E-06	**7.34E-03**	2.75E-02	1.52E-05	**5.49E-03**	3.50E-02	1.41E-05	**6.99E-03**	5.01E-02	1.56E-05	**1.00E-02**
558315.174160522.59	558315	4160523	WRKR_368	4.19E-02	1.04E-05	**8.37E-03**	3.13E-02	1.60E-05	**6.27E-03**	3.99E-02	1.49E-05	**7.98E-03**	5.72E-02	1.65E-05	**1.14E-02**
558315.174160532.59	558315	4160533	WRKR_369	4.79E-02	1.09E-05	**9.58E-03**	3.59E-02	1.69E-05	**7.17E-03**	4.56E-02	1.57E-05	**9.13E-03**	6.55E-02	1.74E-05	**1.31E-02**
558325.174160362.59	558325	4160363	WRKR_370	9.61E-03	5.77E-06	**1.92E-03**	7.19E-03	8.93E-06	**1.44E-03**	9.15E-03	8.29E-06	**1.83E-03**	1.31E-02	9.18E-06	**2.63E-03**
558325.174160372.59	558325	4160373	WRKR_371	1.02E-02	5.95E-06	**2.05E-03**	7.65E-03	9.21E-06	**1.53E-03**	9.74E-03	8.56E-06	**1.95E-03**	1.40E-02	9.47E-06	**2.80E-03**
558325.174160382.59	558325	4160383	WRKR_372	1.09E-02	6.14E-06	**2.18E-03**	8.17E-03	9.50E-06	**1.64E-03**	1.04E-02	8.82E-06	**2.08E-03**	1.49E-02	9.76E-06	**2.99E-03**
558325.174160392.59	558325	4160393	WRKR_373	1.17E-02	6.34E-06	**2.34E-03**	8.74E-03	9.82E-06	**1.75E-03**	1.11E-02	9.12E-06	**2.23E-03**	1.60E-02	1.01E-05	**3.19E-03**
558325.174160402.59	558325	4160403	WRKR_374	1.25E-02	6.56E-06	**2.51E-03**	9.37E-03	1.02E-05	**1.88E-03**	1.19E-02	9.43E-06	**2.39E-03**	1.71E-02	1.04E-05	**3.43E-03**
558325.174160412.59	558325	4160413	WRKR_375	1.35E-02	6.79E-06	**2.70E-03**	1.01E-02	1.05E-05	**2.02E-03**	1.28E-02	9.76E-06	**2.57E-03**	1.84E-02	1.08E-05	**3.69E-03**
558325.174160422.59	558325	4160423	WRKR_376	1.46E-02	7.04E-06	**2.91E-03**	1.09E-02	1.09E-05	**2.18E-03**	1.39E-02	1.01E-05	**2.77E-03**	1.99E-02	1.12E-05	**3.98E-03**
558325.174160432.59	558325	4160433	WRKR_377	1.58E-02	7.31E-06	**3.15E-03**	1.18E-02	1.13E-05	**2.36E-03**	1.50E-02	1.05E-05	**3.01E-03**	2.15E-02	1.16E-05	**4.31E-03**
558325.174160442.59	558325	4160443	WRKR_378	1.71E-02	7.60E-06	**3.43E-03**	1.28E-02	1.18E-05	**2.57E-03**	1.63E-02	1.09E-05	**3.27E-03**	2.34E-02	1.21E-05	**4.69E-03**
558325.174160452.59	558325	4160453	WRKR_379	1.87E-02	7.91E-06	**3.75E-03**	1.40E-02	1.22E-05	**2.81E-03**	1.78E-02	1.14E-05	**3.57E-03**	2.56E-02	1.26E-05	**5.12E-03**
558325.174160462.59	558325	4160463	WRKR_380	2.06E-02	8.24E-06	**4.11E-03**	1.54E-02	1.28E-05	**3.08E-03**	1.96E-02	1.19E-05	**3.92E-03**	2.81E-02	1.31E-05	**5.62E-03**
558325.174160472.59	558325	4160473	WRKR_381	2.27E-02	8.61E-06	**4.54E-03**	1.70E-02	1.33E-05	**3.40E-03**	2.16E-02	1.24E-05	**4.33E-03**	3.10E-02	1.37E-05	**6.21E-03**
558325.174160482.59	558325	4160483	WRKR_382	2.52E-02	9.01E-06	**5.04E-03**	1.89E-02	1.40E-05	**3.78E-03**	2.40E-02	1.30E-05	**4.81E-03**	3.45E-02	1.43E-05	**6.89E-03**
558325.174160492.59	558325	4160493	WRKR_383	2.82E-02	9.46E-06	**5.64E-03**	2.11E-02	1.46E-05	**4.22E-03**	2.68E-02	1.36E-05	**5.37E-03**	3.85E-02	1.51E-05	**7.70E-03**
558325.174160502.59	558325	4160503	WRKR_384	3.17E-02	9.97E-06	**6.35E-03**	2.37E-02	1.54E-05	**4.75E-03**	3.02E-02	1.43E-05	**6.05E-03**	4.34E-02	1.59E-05	**8.67E-03**
558325.174160512.59	558325	4160513	WRKR_385	3.60E-02	1.05E-05	**7.20E-03**	2.69E-02	1.63E-05	**5.39E-03**	3.43E-02	1.51E-05	**6.86E-03**	4.92E-02	1.68E-05	**9.84E-03**
558325.174160522.59	558325	4160523	WRKR_386	4.11E-02	1.12E-05	**8.21E-03**	3.07E-02	1.73E-05	**6.15E-03**	3.91E-02	1.61E-05	**7.83E-03**	5.61E-02	1.78E-05	**1.12E-02**
558325.174160532.59	558325	4160533	WRKR_387	4.70E-02	1.19E-05	**9.40E-03**	3.52E-02	1.84E-05	**7.03E-03**	4.48E-02	1.70E-05	**8.96E-03**	6.42E-02	1.89E-05	**1.28E-02**
558335.174160362.59	558335	4160363	WRKR_388	9.28E-03	5.99E-06	**1.86E-03**	6.94E-03	9.28E-06	**1.39E-03**	8.84E-03	8.62E-06	**1.77E-03**	1.27E-02	9.54E-06	**2.54E-03**
558335.174160372.59	558335	4160373	WRKR_389	9.88E-03	6.20E-06	**1.98E-03**	7.39E-03	9.59E-06	**1.48E-03**	9.41E-03	8.91E-06	**1.88E-03**	1.35E-02	9.86E-06	**2.70E-03**
558335.174160382.59	558335	4160383	WRKR_390	1.05E-02	6.39E-06	**2.11E-03**	7.89E-03	9.90E-06	**1.58E-03**	1.00E-02	9.19E-06	**2.01E-03**	1.44E-02	1.02E-05	**2.88E-03**
558335.174160392.59	558335	4160393	WRKR_391	1.13E-02	6.61E-06	**2.26E-03**	8.44E-03	1.02E-05	**1.69E-03**	1.07E-02	9.50E-06	**2.15E-03**	1.54E-02	1.05E-05	**3.08E-03**
558335.174160402.59	558335	4160403	WRKR_392	1.21E-02	6.85E-06	**2.42E-03**	9.05E-03	1.06E-05	**1.81E-03**	1.15E-02	9.84E-06	**2.31E-03**	1.65E-02	1.09E-05	**3.31E-03**
558335.174160412.59	558335	4160413	WRKR_393	1.30E-02	7.09E-06	**2.61E-03**	9.75E-03	1.10E-05	**1.95E-03**	1.24E-02	1.02E-05	**2.48E-03**	1.78E-02	1.13E-05	**3.56E-03**
558335.174160422.59	558335	4160423	WRKR_394	1.41E-02	7.36E-06	**2.82E-03**	1.05E-02	1.14E-05	**2.11E-03**	1.34E-02	1.06E-05	**2.68E-03**	1.92E-02	1.17E-05	**3.85E-03**
558335.174160432.59	558335	4160433	WRKR_395	1.53E-02	7.63E-06	**3.05E-03**	1.14E-02	1.18E-05	**2.29E-03**	1.45E-02	1.10E-05	**2.91E-03**	2.09E-02	1.21E-05	**4.17E-03**
558335.174160442.59	558335	4160443	WRKR_396	1.66E-02	7.95E-06	**3.32E-03**	1.24E-02	1.23E-05	**2.49E-03**	1.58E-02	1.14E-05	**3.17E-03**	2.27E-02	1.26E-05	**4.54E-03**
558335.174160452.59	558335	4160453	WRKR_397	1.82E-02	8.29E-06	**3.63E-03**	1.36E-02	1.28E-05	**2.72E-03**	1.73E-02	1.19E-05	**3.46E-03**	2.48E-02	1.32E-05	**4.97E-03**
558335.174160462.59	558335	4160463	WRKR_398	2.00E-02	8.66E-06	**3.99E-03**	1.49E-02	1.34E-05	**2.99E-03**	1.90E-02	1.24E-05	**3.81E-03**	2.73E-02	1.38E-05	**5.46E-03**
558335.174160472.59	558335	4160473	WRKR_399	2.21E-02	9.06E-06	**4.42E-03**	1.65E-02	1.40E-05	**3.31E-03**	2.10E-02	1.30E-05	**4.21E-03**	3.02E-02	1.44E-05	**6.04E-03**
558335.174160482.59	558335	4160483	WRKR_400	2.46E-02	9.51E-06	**4.92E-03**	1.84E-02	1.47E-05	**3.68E-03**	2.34E-02	1.37E-05	**4.68E-03**	3.36E-02	1.51E-05	**6.72E-03**
558335.174160492.59	558335	4160493	WRKR_401	2.75E-02	1.00E-05	**5.51E-03**	2.06E-02	1.55E-05	**4.12E-03**	2.62E-02	1.44E-05	**5.25E-03**	3.76E-02	1.59E-05	**7.53E-03**
558335.174160502.59	558335	4160503	WRKR_402	3.10E-02	1.06E-05	**6.21E-03**	2.32E-02	1.64E-05	**4.65E-03**	2.96E-02	1.52E-05	**5.92E-03**	4.24E-02	1.68E-05	**8.49E-03**
558335.174160512.59	558335	4160513	WRKR_403	3.52E-02	1.12E-05	**7.05E-03**	2.64E-02	1.74E-05	**5.28E-03**	3.36E-02	1.62E-05	**6.72E-03**	4.82E-02	1.79E-05	**9.63E-03**
558335.174160522.59	558335	4160523	WRKR_404	4.02E-02	1.20E-05	**8.04E-03**	3.01E-02	1.85E-05	**6.02E-03**	3.83E-02	1.72E-05	**7.66E-03**	5.49E-02	1.91E-05	**1.10E-02**
558335.174160532.59	558335	4160533	WRKR_405	4.59E-02	1.28E-05	**9.19E-03**	3.44E-02	1.98E-05	**6.88E-03**	4.38E-02	1.84E-05	**8.76E-03**	6.28E-02	2.03E-05	**1.26E-02**
558345.174160362.59	558345	4160363	WRKR_406	8.97E-03	6.23E-06	**1.79E-03**	6.71E-03	9.64E-06	**1.34E-03**	8.54E-03	8.96E-06	**1.71E-03**	1.23E-02	9.91E-06	**2.45E-03**
558345.174160372.59	558345	4160373	WRKR_407	9.55E-03	6.44E-06	**1.91E-03**	7.14E-03	9.98E-06	**1.43E-03**	9.09E-03	9.27E-06	**1.82E-03**	1.30E-02	1.03E-05	**2.61E-03**
558345.174160382.59	558345	4160383	WRKR_408	1.02E-02	6.67E-06	**2.04E-03**	7.62E-03	1.03E-05	**1.53E-03**	9.70E-03	9.59E-06	**1.94E-03**	1.39E-02	1.06E-05	**2.79E-03**
558345.174160392.59	558345	4160393	WRKR_409	1.09E-02	6.89E-06	**2.18E-03**	8.16E-03	1.07E-05	**1.63E-03**	1.04E-02	9.91E-06	**2.08E-03**	1.49E-02	1.10E-05	**2.98E-03**

Chronic Hazard Index

DPM REL (µg/m³) 5.0

				Year 1			Year 2			Year 3			Year 4		
				Project Concentrations (µg/m³)			Project Concentrations (µg/m³)			Project Concentrations (µg/m³)			Project Concentrations (µg/m³)		
XY	X	Y	Type	OFFROAD	ONROAD	CHRONIC HI	OFFROAD	ONROAD	CHRONIC HI	OFFROAD	ONRD_EX	CHRONIC HI	OFFROAD	ONRD_EX	CHRONIC HI
558345.174160402.59	558345	4160403	WRKR_410	1.17E-02	7.14E-06	**2.34E-03**	8.75E-03	1.10E-05	**1.75E-03**	1.11E-02	1.03E-05	**2.23E-03**	1.60E-02	1.14E-05	**3.20E-03**
558345.174160412.59	558345	4160413	WRKR_411	1.26E-02	7.40E-06	**2.52E-03**	9.43E-03	1.15E-05	**1.89E-03**	1.20E-02	1.06E-05	**2.40E-03**	1.72E-02	1.18E-05	**3.45E-03**
558345.174160422.59	558345	4160423	WRKR_412	1.36E-02	7.68E-06	**2.72E-03**	1.02E-02	1.19E-05	**2.04E-03**	1.30E-02	1.10E-05	**2.60E-03**	1.86E-02	1.22E-05	**3.72E-03**
558345.174160432.59	558345	4160433	WRKR_413	1.48E-02	7.99E-06	**2.96E-03**	1.11E-02	1.24E-05	**2.21E-03**	1.41E-02	1.15E-05	**2.82E-03**	2.02E-02	1.27E-05	**4.04E-03**
558345.174160442.59	558345	4160443	WRKR_414	1.61E-02	8.28E-06	**3.22E-03**	1.21E-02	1.28E-05	**2.41E-03**	1.53E-02	1.19E-05	**3.07E-03**	2.20E-02	1.32E-05	**4.41E-03**
558345.174160452.59	558345	4160453	WRKR_415	1.76E-02	8.66E-06	**3.53E-03**	1.32E-02	1.34E-05	**2.64E-03**	1.68E-02	1.25E-05	**3.37E-03**	2.41E-02	1.38E-05	**4.83E-03**
558345.174160462.59	558345	4160463	WRKR_416	1.94E-02	9.07E-06	**3.88E-03**	1.45E-02	1.40E-05	**2.91E-03**	1.85E-02	1.30E-05	**3.70E-03**	2.65E-02	1.44E-05	**5.31E-03**
558345.174160472.59	558345	4160473	WRKR_417	2.15E-02	9.50E-06	**4.30E-03**	1.61E-02	1.47E-05	**3.22E-03**	2.05E-02	1.37E-05	**4.09E-03**	2.93E-02	1.51E-05	**5.87E-03**
558345.174160482.59	558345	4160483	WRKR_418	2.39E-02	9.99E-06	**4.79E-03**	1.79E-02	1.55E-05	**3.58E-03**	2.28E-02	1.44E-05	**4.56E-03**	3.27E-02	1.59E-05	**6.54E-03**
558345.174160492.59	558345	4160493	WRKR_419	2.68E-02	1.05E-05	**5.37E-03**	2.01E-02	1.63E-05	**4.02E-03**	2.56E-02	1.52E-05	**5.12E-03**	3.67E-02	1.68E-05	**7.34E-03**
558345.174160502.59	558345	4160503	WRKR_420	3.03E-02	1.12E-05	**6.06E-03**	2.27E-02	1.73E-05	**4.54E-03**	2.89E-02	1.61E-05	**5.78E-03**	4.14E-02	1.78E-05	**8.28E-03**
558345.174160512.59	558345	4160513	WRKR_421	3.44E-02	1.19E-05	**6.88E-03**	2.57E-02	1.85E-05	**5.15E-03**	3.28E-02	1.71E-05	**6.56E-03**	4.70E-02	1.90E-05	**9.40E-03**
558345.174160522.59	558345	4160523	WRKR_422	3.92E-02	1.27E-05	**7.84E-03**	2.93E-02	1.97E-05	**5.87E-03**	3.73E-02	1.83E-05	**7.47E-03**	5.35E-02	2.03E-05	**1.07E-02**
558345.174160532.59	558345	4160533	WRKR_423	4.47E-02	1.37E-05	**8.95E-03**	3.35E-02	2.12E-05	**6.70E-03**	4.26E-02	1.97E-05	**8.53E-03**	6.11E-02	2.18E-05	**1.22E-02**
558355.174160362.59	558355	4160363	WRKR_424	8.68E-03	6.48E-06	**1.74E-03**	6.49E-03	1.00E-05	**1.30E-03**	8.27E-03	9.31E-06	**1.66E-03**	1.19E-02	1.03E-05	**2.37E-03**
558355.174160372.59	558355	4160373	WRKR_425	9.23E-03	6.70E-06	**1.85E-03**	6.91E-03	1.04E-05	**1.38E-03**	8.80E-03	9.63E-06	**1.76E-03**	1.26E-02	1.07E-05	**2.53E-03**
558355.174160382.59	558355	4160383	WRKR_426	9.86E-03	6.94E-06	**1.97E-03**	7.37E-03	1.07E-05	**1.48E-03**	9.39E-03	9.97E-06	**1.88E-03**	1.35E-02	1.10E-05	**2.70E-03**
558355.174160392.59	558355	4160393	WRKR_427	1.05E-02	7.19E-06	**2.11E-03**	7.89E-03	1.11E-05	**1.58E-03**	1.00E-02	1.03E-05	**2.01E-03**	1.44E-02	1.14E-05	**2.89E-03**
558355.174160402.59	558355	4160403	WRKR_428	1.13E-02	7.44E-06	**2.27E-03**	8.48E-03	1.15E-05	**1.70E-03**	1.08E-02	1.07E-05	**2.16E-03**	1.55E-02	1.18E-05	**3.10E-03**
558355.174160412.59	558355	4160413	WRKR_429	1.22E-02	7.72E-06	**2.44E-03**	9.13E-03	1.20E-05	**1.83E-03**	1.16E-02	1.11E-05	**2.33E-03**	1.67E-02	1.23E-05	**3.34E-03**
558355.174160422.59	558355	4160423	WRKR_430	1.32E-02	8.02E-06	**2.64E-03**	9.88E-03	1.24E-05	**1.98E-03**	1.26E-02	1.15E-05	**2.52E-03**	1.80E-02	1.28E-05	**3.61E-03**
558355.174160432.59	558355	4160433	WRKR_431	1.43E-02	8.33E-06	**2.87E-03**	1.07E-02	1.29E-05	**2.15E-03**	1.37E-02	1.20E-05	**2.73E-03**	1.96E-02	1.33E-05	**3.92E-03**
558355.174160442.59	558355	4160443	WRKR_432	1.56E-02	8.67E-06	**3.13E-03**	1.17E-02	1.34E-05	**2.34E-03**	1.49E-02	1.25E-05	**2.98E-03**	2.14E-02	1.38E-05	**4.28E-03**
558355.174160452.59	558355	4160453	WRKR_433	1.72E-02	9.06E-06	**3.43E-03**	1.28E-02	1.40E-05	**2.57E-03**	1.63E-02	1.30E-05	**3.27E-03**	2.34E-02	1.44E-05	**4.69E-03**
558355.174160462.59	558355	4160463	WRKR_434	1.89E-02	9.49E-06	**3.78E-03**	1.41E-02	1.47E-05	**2.83E-03**	1.80E-02	1.36E-05	**3.60E-03**	2.58E-02	1.51E-05	**5.17E-03**
558355.174160472.59	558355	4160473	WRKR_435	2.09E-02	9.96E-06	**4.19E-03**	1.57E-02	1.54E-05	**3.14E-03**	1.99E-02	1.43E-05	**3.99E-03**	2.86E-02	1.58E-05	**5.72E-03**
558355.174160482.59	558355	4160483	WRKR_436	2.33E-02	1.05E-05	**4.66E-03**	1.74E-02	1.62E-05	**3.49E-03**	2.22E-02	1.50E-05	**4.44E-03**	3.19E-02	1.67E-05	**6.37E-03**
558355.174160492.59	558355	4160493	WRKR_437	2.61E-02	1.11E-05	**5.23E-03**	1.96E-02	1.71E-05	**3.91E-03**	2.49E-02	1.59E-05	**4.98E-03**	3.57E-02	1.76E-05	**7.15E-03**
558355.174160502.59	558355	4160503	WRKR_438	2.95E-02	1.17E-05	**5.90E-03**	2.21E-02	1.82E-05	**4.42E-03**	2.81E-02	1.69E-05	**5.62E-03**	4.03E-02	1.87E-05	**8.06E-03**
558355.174160512.59	558355	4160513	WRKR_439	3.34E-02	1.25E-05	**6.69E-03**	2.50E-02	1.94E-05	**5.01E-03**	3.18E-02	1.80E-05	**6.37E-03**	4.57E-02	1.99E-05	**9.14E-03**
558355.174160522.59	558355	4160523	WRKR_440	3.80E-02	1.35E-05	**7.61E-03**	2.85E-02	2.08E-05	**5.69E-03**	3.62E-02	1.93E-05	**7.25E-03**	5.20E-02	2.14E-05	**1.04E-02**
558355.174160532.59	558355	4160533	WRKR_441	4.34E-02	1.45E-05	**8.68E-03**	3.25E-02	2.25E-05	**6.50E-03**	4.14E-02	2.09E-05	**8.28E-03**	5.93E-02	2.31E-05	**1.19E-02**
558365.174160362.59	558365	4160363	WRKR_442	8.41E-03	6.74E-06	**1.68E-03**	6.29E-03	1.04E-05	**1.26E-03**	8.01E-03	9.69E-06	**1.60E-03**	1.15E-02	1.07E-05	**2.30E-03**
558365.174160372.59	558365	4160373	WRKR_443	8.95E-03	6.98E-06	**1.79E-03**	6.70E-03	1.08E-05	**1.34E-03**	8.53E-03	1.00E-05	**1.71E-03**	1.22E-02	1.11E-05	**2.45E-03**
558365.174160382.59	558365	4160383	WRKR_444	9.55E-03	7.23E-06	**1.91E-03**	7.15E-03	1.12E-05	**1.43E-03**	9.10E-03	1.04E-05	**1.82E-03**	1.31E-02	1.15E-05	**2.61E-03**
558365.174160392.59	558365	4160393	WRKR_445	1.02E-02	7.49E-06	**2.05E-03**	7.65E-03	1.16E-05	**1.53E-03**	9.74E-03	1.08E-05	**1.95E-03**	1.40E-02	1.19E-05	**2.80E-03**
558365.174160402.59	558365	4160403	WRKR_446	1.10E-02	7.76E-06	**2.20E-03**	8.22E-03	1.20E-05	**1.65E-03**	1.05E-02	1.12E-05	**2.10E-03**	1.50E-02	1.23E-05	**3.01E-03**
558365.174160412.59	558365	4160413	WRKR_447	1.18E-02	8.05E-06	**2.37E-03**	8.86E-03	1.25E-05	**1.77E-03**	1.13E-02	1.16E-05	**2.26E-03**	1.62E-02	1.28E-05	**3.24E-03**
558365.174160422.59	558365	4160423	WRKR_448	1.28E-02	8.36E-06	**2.57E-03**	9.59E-03	1.29E-05	**1.92E-03**	1.22E-02	1.20E-05	**2.45E-03**	1.75E-02	1.33E-05	**3.51E-03**
558365.174160432.59	558365	4160433	WRKR_449	1.39E-02	8.69E-06	**2.79E-03**	1.04E-02	1.35E-05	**2.09E-03**	1.33E-02	1.25E-05	**2.66E-03**	1.90E-02	1.38E-05	**3.81E-03**
558365.174160442.59	558365	4160443	WRKR_450	1.52E-02	9.05E-06	**3.05E-03**	1.14E-02	1.40E-05	**2.28E-03**	1.45E-02	1.30E-05	**2.90E-03**	2.08E-02	1.44E-05	**4.16E-03**
558365.174160452.59	558365	4160453	WRKR_451	1.67E-02	9.46E-06	**3.34E-03**	1.25E-02	1.47E-05	**2.50E-03**	1.59E-02	1.36E-05	**3.18E-03**	2.28E-02	1.51E-05	**4.57E-03**
558365.174160462.59	558365	4160463	WRKR_452	1.84E-02	9.91E-06	**3.68E-03**	1.38E-02	1.53E-05	**2.76E-03**	1.75E-02	1.43E-05	**3.51E-03**	2.52E-02	1.58E-05	**5.04E-03**
558365.174160472.59	558365	4160473	WRKR_453	2.04E-02	1.04E-05	**4.09E-03**	1.53E-02	1.61E-05	**3.06E-03**	1.95E-02	1.50E-05	**3.89E-03**	2.79E-02	1.66E-05	**5.59E-03**
558365.174160482.59	558365	4160483	WRKR_454	2.28E-02	1.10E-05	**4.55E-03**	1.70E-02	1.70E-05	**3.41E-03**	2.17E-02	1.57E-05	**4.34E-03**	3.11E-02	1.74E-05	**6.22E-03**
558365.174160492.59	558365	4160493	WRKR_455	2.55E-02	1.16E-05	**5.10E-03**	1.91E-02	1.79E-05	**3.82E-03**	2.43E-02	1.67E-05	**4.86E-03**	3.48E-02	1.84E-05	**6.97E-03**
558365.174160502.59	558365	4160503	WRKR_456	2.87E-02	1.23E-05	**5.75E-03**	2.15E-02	1.91E-05	**4.30E-03**	2.74E-02	1.77E-05	**5.48E-03**	3.93E-02	1.96E-05	**7.85E-03**
558365.174160512.59	558365	4160513	WRKR_457	3.25E-02	1.31E-05	**6.50E-03**	2.43E-02	2.04E-05	**4.87E-03**	3.09E-02	1.89E-05	**6.19E-03**	4.44E-02	2.09E-05	**8.88E-03**
558365.174160522.59	558365	4160523	WRKR_458	3.69E-02	1.41E-05	**7.37E-03**	2.76E-02	2.19E-05	**5.52E-03**	3.51E-02	2.03E-05	**7.03E-03**	5.04E-02	2.25E-05	**1.01E-02**
558365.174160532.59	558365	4160533	WRKR_459	4.20E-02	1.53E-05	**8.39E-03**	3.14E-02	2.37E-05	**6.28E-03**	4.00E-02	2.20E-05	**8.00E-03**	5.73E-02	2.44E-05	**1.15E-02**
558375.174160362.59	558375	4160363	WRKR_460	8.16E-03	7.03E-06	**1.63E-03**	6.11E-03	1.09E-05	**1.22E-03**	7.77E-03	1.01E-05	**1.56E-03**	1.12E-02	1.12E-05	**2.23E-03**
558375.174160372.59	558375	4160373	WRKR_461	8.69E-03	7.29E-06	**1.74E-03**	6.50E-03	1.13E-05	**1.30E-03**	8.28E-03	1.05E-05	**1.66E-03**	1.19E-02	1.16E-05	**2.38E-03**
558375.174160382.59	558375	4160383	WRKR_462	9.28E-03	7.55E-06	**1.86E-03**	6.94E-03	1.17E-05	**1.39E-03**	8.84E-03	1.09E-05	**1.77E-03**	1.27E-02	1.20E-05	**2.54E-03**
558375.174160392.59	558375	4160393	WRKR_463	9.94E-03	7.80E-06	**1.99E-03**	7.44E-03	1.21E-05	**1.49E-03**	9.47E-03	1.12E-05	**1.90E-03**	1.36E-02	1.24E-05	**2.72E-03**
558375.174160402.59	558375	4160403	WRKR_464	1.07E-02	8.09E-06	**2.14E-03**	7.99E-03	1.25E-05	**1.60E-03**	1.02E-02	1.16E-05	**2.04E-03**	1.46E-02	1.29E-05	**2.92E-03**
558375.174160412.59	558375	4160413	WRKR_465	1.15E-02	8.40E-06	**2.31E-03**	8.62E-03	1.30E-05	**1.73E-03**	1.10E-02	1.21E-05	**2.20E-03**	1.58E-02	1.34E-05	**3.15E-03**
558375.174160422.59	558375	4160423	WRKR_466	1.25E-02	8.72E-06	**2.50E-03**	9.34E-03	1.35E-05	**1.87E-03**	1.19E-02	1.25E-05	**2.38E-03**	1.71E-02	1.39E-05	**3.42E-03**
558375.174160432.59	558375	4160433	WRKR_467	1.36E-02	9.07E-06	**2.72E-03**	1.02E-02	1.40E-05	**2.04E-03**	1.29E-02	1.30E-05	**2.59E-03**	1.86E-02	1.44E-05	**3.72E-03**
558375.174160442.59	558375	4160443	WRKR_468	1.48E-02	9.45E-06	**2.97E-03**	1.11E-02	1.46E-05	**2.22E-03**	1.41E-02	1.36E-05	**2.83E-03**	2.03E-02	1.50E-05	**4.06E-03**
558375.174160452.59	558375	4160453	WRKR_469	1.63E-02	9.88E-06	**3.26E-03**	1.22E-02	1.53E-05	**2.44E-03**	1.55E-02	1.42E-05	**3.11E-03**	2.23E-02	1.57E-05	**4.46E-03**
558375.174160462.59	558375	4160463	WRKR_470	1.80E-02	1.03E-05	**3.60E-03**	1.35E-02	1.60E-05	**2.69E-03**	1.71E-02	1.49E-05	**3.43E-03**	2.46E-02	1.65E-05	**4.92E-03**
558375.174160472.59	558375	4160473	WRKR_471	1.99E-02	1.09E-05	**3.99E-03**	1.49E-02	1.68E-05	**2.99E-03**	1.90E-02	1.56E-05	**3.80E-03**	2.73E-02	1.73E-05	**5.46E-03**
558375.174160482.59	558375	4160483	WRKR_472	2.22E-02	1.14E-05	**4.45E-03**	1.66E-02	1.77E-05	**3.33E-03**	2.12E-02	1.65E-05	**4.24E-03**	3.04E-02	1.82E-05	**6.08E-03**
558375.174160492.59	558375	4160493	WRKR_473	2.49E-02	1.21E-05	**4.98E-03**	1.86E-02	1.87E-05	**3.73E-03**	2.37E-02	1.74E-05	**4.75E-03**	3.40E-02	1.93E-05	**6.81E-03**
558375.174160502.59	558375	4160503	WRKR_474	2.80E-02	1.29E-05	**5.60E-03**	2.09E-02	1.99E-05	**4.19E-03**	2.67E-02	1.85E-05	**5.34E-03**	3.83E-02	2.05E-05	**7.66E-03**
558375.174160512.59	558375	4160513	WRKR_475	3.16E-02	1.38E-05	**6.32E-03**	2.36E-02	2.13E-05	**4.73E-03**	3.01E-02	1.98E-05	**6.02E-03**	4.32E-02	2.19E-05	**8.64E-03**
558375.174160522.59	558375	4160523	WRKR_476	3.57E-02	1.48E-05	**7.15E-03**	2.67E-02	2.30E-05	**5.35E-03**	3.40E-02	2.13E-05	**6.81E-03**	4.88E-02	2.36E-05	**9.77E-03**
558375.174160532.59	558375	4160533	WRKR_477	4.05E-02	1.61E-05	**8.11E-03**	3.03E-02	2.49E-05	**6.07E-03**	3.86E-02	2.32E-05	**7.73E-03**	5.54E-02	2.56E-05	**1.11E-02**
558385.174160362.59	558385	4160363	WRKR_478	7.94E-03	7.33E-06	**1.59E-03**	5.94E-03	1.14E-05	**1.19E-03**	7.56E-03	1.05E-05	**1.52E-03**	1.09E-02	1.17E-05	**2.17E-03**
558385.174160372.59	558385	4160373	WRKR_479	8.46E-03	7.61E-06	**1.69E-03**	6.33E-03	1.18E-05	**1.27E-03**	8.06E-03	1.09E-05	**1.61E-03**	1.16E-02	1.21E-05	**2.31E-03**
558385.174160382.59	558385	4160383	WRKR_480	9.03E-03	7.89E-06	**1.81E-03**	6.76E-03	1.22E-05	**1.35E-03**	8.61E-03	1.13E-05	**1.72E-03**	1.23E-02	1.25E-05	**2.47E-03**
558385.174160392.59	558385	4160393	WRKR_481	9.69E-03	8.12E-06	**1.94E-03**	7.25E-03	1.26E-05	**1.45E-03**	9.23E-03	1.17E-05	**1.85E-03**	1.32E-02	1.29E-05	**2.65E-03**

Chronic Hazard Index

DPM REL (µg/m³) 5.0

				Year 1			Year 2			Year 3			Year 4		
				Project Concentrations (µg/m³)			Project Concentrations (µg/m³)			Project Concentrations (µg/m³)			Project Concentrations (µg/m³)		
XY	X	Y	Type	OFFROAD	ONROAD	CHRONIC HI	OFFROAD	ONROAD	CHRONIC HI	OFFROAD	ONRD_EX	CHRONIC HI	OFFROAD	ONRD_EX	CHRONIC HI
558385.174160402.59	558385	4160403	WRKR_482	1.04E-02	8.43E-06	**2.09E-03**	7.80E-03	1.31E-05	**1.56E-03**	9.93E-03	1.21E-05	**1.99E-03**	1.42E-02	1.34E-05	**2.85E-03**
558385.174160412.59	558385	4160413	WRKR_483	1.12E-02	8.76E-06	**2.25E-03**	8.42E-03	1.36E-05	**1.69E-03**	1.07E-02	1.26E-05	**2.15E-03**	1.54E-02	1.39E-05	**3.08E-03**
558385.174160422.59	558385	4160423	WRKR_484	1.22E-02	9.10E-06	**2.44E-03**	9.13E-03	1.41E-05	**1.83E-03**	1.16E-02	1.31E-05	**2.33E-03**	1.67E-02	1.45E-05	**3.34E-03**
558385.174160432.59	558385	4160433	WRKR_485	1.33E-02	9.46E-06	**2.66E-03**	9.94E-03	1.46E-05	**1.99E-03**	1.27E-02	1.36E-05	**2.53E-03**	1.81E-02	1.51E-05	**3.63E-03**
558385.174160442.59	558385	4160443	WRKR_486	1.45E-02	9.87E-06	**2.91E-03**	1.09E-02	1.53E-05	**2.18E-03**	1.38E-02	1.42E-05	**2.77E-03**	1.98E-02	1.57E-05	**3.97E-03**
558385.174160452.59	558385	4160453	WRKR_487	1.59E-02	1.03E-05	**3.19E-03**	1.19E-02	1.60E-05	**2.39E-03**	1.52E-02	1.48E-05	**3.04E-03**	2.18E-02	1.64E-05	**4.36E-03**
558385.174160462.59	558385	4160463	WRKR_488	1.76E-02	1.08E-05	**3.52E-03**	1.32E-02	1.67E-05	**2.64E-03**	1.68E-02	1.55E-05	**3.36E-03**	2.41E-02	1.72E-05	**4.82E-03**
558385.174160472.59	558385	4160473	WRKR_489	1.95E-02	1.13E-05	**3.91E-03**	1.46E-02	1.75E-05	**2.93E-03**	1.86E-02	1.63E-05	**3.72E-03**	2.67E-02	1.80E-05	**5.34E-03**
558385.174160482.59	558385	4160483	WRKR_490	2.18E-02	1.19E-05	**4.35E-03**	1.63E-02	1.85E-05	**3.26E-03**	2.07E-02	1.72E-05	**4.15E-03**	2.97E-02	1.90E-05	**5.95E-03**
558385.174160492.59	558385	4160493	WRKR_491	2.43E-02	1.26E-05	**4.87E-03**	1.82E-02	1.96E-05	**3.65E-03**	2.32E-02	1.82E-05	**4.64E-03**	3.33E-02	2.01E-05	**6.66E-03**
558385.174160502.59	558385	4160503	WRKR_492	2.73E-02	1.35E-05	**5.46E-03**	2.04E-02	2.08E-05	**4.09E-03**	2.60E-02	1.93E-05	**5.21E-03**	3.73E-02	2.14E-05	**7.47E-03**
558385.174160512.59	558385	4160513	WRKR_493	3.07E-02	1.44E-05	**6.15E-03**	2.30E-02	2.23E-05	**4.60E-03**	2.93E-02	2.07E-05	**5.86E-03**	4.20E-02	2.29E-05	**8.40E-03**
558385.174160522.59	558385	4160523	WRKR_494	3.46E-02	1.55E-05	**6.93E-03**	2.59E-02	2.40E-05	**5.19E-03**	3.30E-02	2.23E-05	**6.60E-03**	4.73E-02	2.47E-05	**9.47E-03**
558385.174160532.59	558385	4160533	WRKR_495	3.91E-02	1.69E-05	**7.82E-03**	2.93E-02	2.61E-05	**5.86E-03**	3.73E-02	2.42E-05	**7.46E-03**	5.34E-02	2.68E-05	**1.07E-02**
558395.174160362.59	558395	4160363	WRKR_496	7.75E-03	7.64E-06	**1.55E-03**	5.80E-03	1.18E-05	**1.16E-03**	7.38E-03	1.10E-05	**1.48E-03**	1.06E-02	1.22E-05	**2.12E-03**
558395.174160372.59	558395	4160373	WRKR_497	8.26E-03	7.92E-06	**1.65E-03**	6.18E-03	1.23E-05	**1.24E-03**	7.87E-03	1.14E-05	**1.58E-03**	1.13E-02	1.26E-05	**2.26E-03**
558395.174160382.59	558395	4160383	WRKR_498	8.83E-03	8.19E-06	**1.77E-03**	6.61E-03	1.27E-05	**1.32E-03**	8.41E-03	1.18E-05	**1.68E-03**	1.21E-02	1.30E-05	**2.42E-03**
558395.174160392.59	558395	4160393	WRKR_499	9.47E-03	8.48E-06	**1.90E-03**	7.09E-03	1.31E-05	**1.42E-03**	9.02E-03	1.22E-05	**1.81E-03**	1.29E-02	1.35E-05	**2.59E-03**
558395.174160402.59	558395	4160403	WRKR_500	1.02E-02	8.79E-06	**2.04E-03**	7.63E-03	1.36E-05	**1.53E-03**	9.71E-03	1.26E-05	**1.95E-03**	1.39E-02	1.40E-05	**2.79E-03**
558395.174160412.59	558395	4160413	WRKR_501	1.10E-02	9.13E-06	**2.21E-03**	8.24E-03	1.41E-05	**1.65E-03**	1.05E-02	1.31E-05	**2.10E-03**	1.51E-02	1.45E-05	**3.01E-03**
558395.174160422.59	558395	4160423	WRKR_502	1.20E-02	9.48E-06	**2.39E-03**	8.95E-03	1.47E-05	**1.79E-03**	1.14E-02	1.36E-05	**2.28E-03**	1.63E-02	1.51E-05	**3.27E-03**
558395.174160432.59	558395	4160433	WRKR_503	1.30E-02	9.87E-06	**2.61E-03**	9.75E-03	1.53E-05	**1.95E-03**	1.24E-02	1.42E-05	**2.49E-03**	1.78E-02	1.57E-05	**3.56E-03**
558395.174160442.59	558395	4160443	WRKR_504	1.43E-02	1.03E-05	**2.85E-03**	1.07E-02	1.59E-05	**2.14E-03**	1.36E-02	1.48E-05	**2.72E-03**	1.95E-02	1.64E-05	**3.90E-03**
558395.174160452.59	558395	4160453	WRKR_505	1.57E-02	1.08E-05	**3.13E-03**	1.17E-02	1.67E-05	**2.35E-03**	1.49E-02	1.55E-05	**2.99E-03**	2.14E-02	1.71E-05	**4.29E-03**
558395.174160462.59	558395	4160463	WRKR_506	1.73E-02	1.13E-05	**3.46E-03**	1.29E-02	1.74E-05	**2.59E-03**	1.65E-02	1.62E-05	**3.30E-03**	2.36E-02	1.79E-05	**4.73E-03**
558395.174160472.59	558395	4160473	WRKR_507	1.92E-02	1.18E-05	**3.84E-03**	1.43E-02	1.83E-05	**2.87E-03**	1.83E-02	1.70E-05	**3.66E-03**	2.62E-02	1.88E-05	**5.24E-03**
558395.174160482.59	558395	4160483	WRKR_508	2.13E-02	1.25E-05	**4.27E-03**	1.60E-02	1.93E-05	**3.20E-03**	2.03E-02	1.79E-05	**4.07E-03**	2.92E-02	1.98E-05	**5.84E-03**
558395.174160492.59	558395	4160493	WRKR_509	2.38E-02	1.32E-05	**4.77E-03**	1.78E-02	2.04E-05	**3.57E-03**	2.27E-02	1.90E-05	**4.55E-03**	3.26E-02	2.10E-05	**6.52E-03**
558395.174160502.59	558395	4160503	WRKR_510	2.67E-02	1.40E-05	**5.34E-03**	2.00E-02	2.17E-05	**4.00E-03**	2.54E-02	2.02E-05	**5.09E-03**	3.65E-02	2.23E-05	**7.30E-03**
558395.174160512.59	558395	4160513	WRKR_511	2.99E-02	1.50E-05	**5.99E-03**	2.24E-02	2.33E-05	**4.48E-03**	2.85E-02	2.16E-05	**5.71E-03**	4.09E-02	2.39E-05	**8.18E-03**
557513.484160678.78	557513	4160679	HOTEL_1	2.33E-03	5.78E-07	**4.65E-04**	1.74E-03	8.95E-07	**3.48E-04**	2.22E-03	8.31E-07	**4.43E-04**	3.18E-03	9.20E-07	**6.36E-04**
557513.484160688.78	557513	4160689	HOTEL_2	2.32E-03	5.78E-07	**4.64E-04**	1.73E-03	8.95E-07	**3.47E-04**	2.21E-03	8.32E-07	**4.42E-04**	3.17E-03	9.20E-07	**6.34E-04**
557513.484160698.78	557513	4160699	HOTEL_3	2.31E-03	5.79E-07	**4.62E-04**	1.73E-03	8.96E-07	**3.46E-04**	2.20E-03	8.32E-07	**4.41E-04**	3.16E-03	9.21E-07	**6.32E-04**
557513.484160708.78	557513	4160709	HOTEL_4	2.31E-03	5.79E-07	**4.62E-04**	1.73E-03	8.97E-07	**3.45E-04**	2.20E-03	8.33E-07	**4.40E-04**	3.15E-03	9.22E-07	**6.31E-04**
557513.484160718.78	557513	4160719	HOTEL_5	2.30E-03	5.80E-07	**4.61E-04**	1.72E-03	8.98E-07	**3.45E-04**	2.20E-03	8.34E-07	**4.39E-04**	3.15E-03	9.23E-07	**6.30E-04**
557513.484160728.78	557513	4160729	HOTEL_6	2.30E-03	5.80E-07	**4.61E-04**	1.72E-03	8.99E-07	**3.45E-04**	2.19E-03	8.35E-07	**4.39E-04**	3.15E-03	9.24E-07	**6.30E-04**
557523.484160678.78	557523	4160679	HOTEL_7	2.39E-03	5.87E-07	**4.78E-04**	1.79E-03	9.09E-07	**3.57E-04**	2.27E-03	8.44E-07	**4.55E-04**	3.26E-03	9.34E-07	**6.53E-04**
557523.484160688.78	557523	4160689	HOTEL_8	2.38E-03	5.87E-07	**4.76E-04**	1.78E-03	9.09E-07	**3.56E-04**	2.27E-03	8.44E-07	**4.54E-04**	3.25E-03	9.34E-07	**6.51E-04**
557523.484160698.78	557523	4160699	HOTEL_9	2.37E-03	5.88E-07	**4.75E-04**	1.78E-03	9.10E-07	**3.55E-04**	2.26E-03	8.45E-07	**4.52E-04**	3.24E-03	9.35E-07	**6.49E-04**
557523.484160708.78	557523	4160709	HOTEL_10	2.37E-03	5.88E-07	**4.74E-04**	1.77E-03	9.10E-07	**3.55E-04**	2.26E-03	8.46E-07	**4.51E-04**	3.24E-03	9.36E-07	**6.48E-04**
557523.484160718.78	557523	4160719	HOTEL_11	2.37E-03	5.89E-07	**4.73E-04**	1.77E-03	9.11E-07	**3.54E-04**	2.25E-03	8.47E-07	**4.51E-04**	3.23E-03	9.37E-07	**6.47E-04**
557523.484160728.78	557523	4160729	HOTEL_12	2.37E-03	5.90E-07	**4.73E-04**	1.77E-03	9.13E-07	**3.54E-04**	2.25E-03	8.48E-07	**4.51E-04**	3.23E-03	9.38E-07	**6.47E-04**
557533.484160678.78	557533	4160679	HOTEL_13	2.46E-03	5.97E-07	**4.91E-04**	1.84E-03	9.24E-07	**3.68E-04**	2.34E-03	8.58E-07	**4.68E-04**	3.36E-03	9.49E-07	**6.71E-04**
557533.484160688.78	557533	4160689	HOTEL_14	2.45E-03	5.97E-07	**4.90E-04**	1.83E-03	9.24E-07	**3.67E-04**	2.33E-03	8.58E-07	**4.67E-04**	3.35E-03	9.50E-07	**6.70E-04**
557533.484160698.78	557533	4160699	HOTEL_15	2.44E-03	5.97E-07	**4.89E-04**	1.83E-03	9.25E-07	**3.66E-04**	2.33E-03	8.59E-07	**4.66E-04**	3.34E-03	9.50E-07	**6.68E-04**
557533.484160708.78	557533	4160709	HOTEL_16	2.44E-03	5.98E-07	**4.87E-04**	1.82E-03	9.25E-07	**3.65E-04**	2.32E-03	8.59E-07	**4.64E-04**	3.33E-03	9.51E-07	**6.66E-04**
557533.484160718.78	557533	4160719	HOTEL_17	2.43E-03	5.98E-07	**4.87E-04**	1.82E-03	9.26E-07	**3.64E-04**	2.32E-03	8.60E-07	**4.64E-04**	3.33E-03	9.52E-07	**6.65E-04**
557533.484160728.78	557533	4160729	HOTEL_18	2.43E-03	5.99E-07	**4.87E-04**	1.82E-03	9.27E-07	**3.64E-04**	2.32E-03	8.61E-07	**4.64E-04**	3.32E-03	9.53E-07	**6.65E-04**
557543.484160678.78	557543	4160679	HOTEL_19	2.53E-03	6.06E-07	**5.05E-04**	1.89E-03	9.38E-07	**3.78E-04**	2.41E-03	8.72E-07	**4.81E-04**	3.45E-03	9.64E-07	**6.91E-04**
557543.484160688.78	557543	4160689	HOTEL_20	2.52E-03	6.06E-07	**5.04E-04**	1.88E-03	9.39E-07	**3.77E-04**	2.40E-03	8.72E-07	**4.80E-04**	3.44E-03	9.65E-07	**6.89E-04**
557543.484160698.78	557543	4160699	HOTEL_21	2.51E-03	6.07E-07	**5.02E-04**	1.88E-03	9.39E-07	**3.76E-04**	2.39E-03	8.72E-07	**4.79E-04**	3.43E-03	9.65E-07	**6.87E-04**
557543.484160708.78	557543	4160709	HOTEL_22	2.51E-03	6.07E-07	**5.02E-04**	1.88E-03	9.40E-07	**3.75E-04**	2.39E-03	8.73E-07	**4.78E-04**	3.43E-03	9.66E-07	**6.86E-04**
557543.484160718.78	557543	4160719	HOTEL_23	2.50E-03	6.08E-07	**5.01E-04**	1.87E-03	9.41E-07	**3.75E-04**	2.38E-03	8.74E-07	**4.77E-04**	3.42E-03	9.67E-07	**6.84E-04**
557543.484160728.78	557543	4160729	HOTEL_24	2.50E-03	6.09E-07	**5.01E-04**	1.87E-03	9.42E-07	**3.75E-04**	2.38E-03	8.75E-07	**4.77E-04**	3.42E-03	9.68E-07	**6.84E-04**
557553.484160678.78	557553	4160679	HOTEL_25	2.61E-03	6.17E-07	**5.22E-04**	1.95E-03	9.55E-07	**3.91E-04**	2.49E-03	8.87E-07	**4.98E-04**	3.57E-03	9.82E-07	**7.14E-04**
557553.484160688.78	557553	4160689	HOTEL_26	2.60E-03	6.17E-07	**5.20E-04**	1.95E-03	9.55E-07	**3.89E-04**	2.48E-03	8.87E-07	**4.96E-04**	3.55E-03	9.82E-07	**7.11E-04**
557553.484160698.78	557553	4160699	HOTEL_27	2.59E-03	6.18E-07	**5.19E-04**	1.94E-03	9.56E-07	**3.89E-04**	2.47E-03	8.88E-07	**4.95E-04**	3.55E-03	9.83E-07	**7.09E-04**
557553.484160708.78	557553	4160709	HOTEL_28	2.59E-03	6.18E-07	**5.18E-04**	1.94E-03	9.57E-07	**3.88E-04**	2.47E-03	8.89E-07	**4.94E-04**	3.54E-03	9.84E-07	**7.08E-04**
557553.484160718.78	557553	4160719	HOTEL_29	2.58E-03	6.19E-07	**5.17E-04**	1.93E-03	9.58E-07	**3.87E-04**	2.46E-03	8.90E-07	**4.93E-04**	3.53E-03	9.84E-07	**7.07E-04**
557553.484160728.78	557553	4160729	HOTEL_30	2.58E-03	6.19E-07	**5.17E-04**	1.93E-03	9.59E-07	**3.87E-04**	2.46E-03	8.90E-07	**4.92E-04**	3.53E-03	9.85E-07	**7.06E-04**
557563.484160678.78	557563	4160679	HOTEL_31	2.70E-03	6.28E-07	**5.40E-04**	2.02E-03	9.73E-07	**4.04E-04**	2.57E-03	9.03E-07	**5.14E-04**	3.69E-03	1.00E-06	**7.38E-04**
557563.484160688.78	557563	4160689	HOTEL_32	2.69E-03	6.28E-07	**5.37E-04**	2.01E-03	9.72E-07	**4.02E-04**	2.56E-03	9.03E-07	**5.12E-04**	3.67E-03	9.99E-07	**7.34E-04**
557563.484160698.78	557563	4160699	HOTEL_33	2.68E-03	6.28E-07	**5.35E-04**	2.00E-03	9.73E-07	**4.01E-04**	2.55E-03	9.03E-07	**5.10E-04**	3.66E-03	1.00E-06	**7.32E-04**
557563.484160708.78	557563	4160709	HOTEL_34	2.67E-03	6.29E-07	**5.34E-04**	2.00E-03	9.73E-07	**4.00E-04**	2.54E-03	9.04E-07	**5.09E-04**	3.65E-03	1.00E-06	**7.30E-04**
557563.484160718.78	557563	4160719	HOTEL_35	2.66E-03	6.29E-07	**5.33E-04**	1.99E-03	9.74E-07	**3.99E-04**	2.54E-03	9.05E-07	**5.08E-04**	3.64E-03	1.00E-06	**7.28E-04**
557563.484160728.78	557563	4160729	HOTEL_36	2.66E-03	6.30E-07	**5.33E-04**	1.99E-03	9.75E-07	**3.99E-04**	2.54E-03	9.05E-07	**5.08E-04**	3.64E-03	1.00E-06	**7.28E-04**
557573.484160678.78	557573	4160679	HOTEL_37	2.77E-03	6.38E-07	**5.55E-04**	2.08E-03	9.88E-07	**4.15E-04**	2.64E-03	9.18E-07	**5.29E-04**	3.79E-03	1.02E-06	**7.58E-04**
557573.484160688.78	557573	4160689	HOTEL_38	2.77E-03	6.39E-07	**5.54E-04**	2.07E-03	9.89E-07	**4.14E-04**	2.64E-03	9.18E-07	**5.28E-04**	3.78E-03	1.02E-06	**7.57E-04**
557573.484160698.78	557573	4160699	HOTEL_39	2.76E-03	6.39E-07	**5.52E-04**	2.06E-03	9.89E-07	**4.13E-04**	2.63E-03	9.19E-07	**5.26E-04**	3.77E-03	1.02E-06	**7.54E-04**
557573.484160708.78	557573	4160709	HOTEL_40	2.75E-03	6.39E-07	**5.51E-04**	2.06E-03	9.90E-07	**4.12E-04**	2.62E-03	9.19E-07	**5.25E-04**	3.76E-03	1.02E-06	**7.53E-04**
557573.484160718.78	557573	4160719	HOTEL_41	2.75E-03	6.40E-07	**5.49E-04**	2.06E-03	9.90E-07	**4.11E-04**	2.62E-03	9.20E-07	**5.24E-04**	3.75E-03	1.02E-06	**7.51E-04**
557573.484160728.78	557573	4160729	HOTEL_42	2.75E-03	6.40E-07	**5.49E-04**	2.05E-03	9.92E-07	**4.11E-04**	2.62E-03	9.21E-07	**5.23E-04**	3.75E-03	1.02E-06	**7.51E-04**

Chronic Hazard Index

DPM REL (µg/m³) 5.0

				Year 1			Year 2			Year 3			Year 4		
				Project Concentrations (µg/m³)			Project Concentrations (µg/m³)			Project Concentrations (µg/m³)			Project Concentrations (µg/m³)		
XY	X	Y	Type	OFFROAD	ONROAD	CHRONIC HI	OFFROAD	ONROAD	CHRONIC HI	OFFROAD	ONRD_EX	CHRONIC HI	OFFROAD	ONRD_EX	CHRONIC HI
557583.484160678.78	557583	4160679	HOTEL_43	2.86E-03	6.49E-07	**5.72E-04**	2.14E-03	1.00E-06	**4.28E-04**	2.72E-03	9.33E-07	**5.45E-04**	3.91E-03	1.03E-06	**7.81E-04**
557583.484160688.78	557583	4160689	HOTEL_44	2.85E-03	6.49E-07	**5.70E-04**	2.13E-03	1.01E-06	**4.26E-04**	2.71E-03	9.33E-07	**5.43E-04**	3.89E-03	1.03E-06	**7.79E-04**
557583.484160698.78	557583	4160699	HOTEL_45	2.84E-03	6.50E-07	**5.69E-04**	2.13E-03	1.01E-06	**4.26E-04**	2.71E-03	9.34E-07	**5.42E-04**	3.88E-03	1.03E-06	**7.77E-04**
557583.484160708.78	557583	4160709	HOTEL_46	2.84E-03	6.51E-07	**5.68E-04**	2.13E-03	1.01E-06	**4.26E-04**	2.71E-03	9.36E-07	**5.42E-04**	3.88E-03	1.04E-06	**7.77E-04**
557583.484160718.78	557583	4160719	HOTEL_47	2.83E-03	6.51E-07	**5.67E-04**	2.12E-03	1.01E-06	**4.24E-04**	2.70E-03	9.36E-07	**5.40E-04**	3.87E-03	1.04E-06	**7.75E-04**
557583.484160728.78	557583	4160729	HOTEL_48	2.83E-03	6.51E-07	**5.66E-04**	2.12E-03	1.01E-06	**4.24E-04**	2.70E-03	9.36E-07	**5.40E-04**	3.87E-03	1.04E-06	**7.74E-04**
557593.484160678.78	557593	4160679	HOTEL_49	2.95E-03	6.60E-07	**5.90E-04**	2.21E-03	1.02E-06	**4.42E-04**	2.81E-03	9.50E-07	**5.62E-04**	4.03E-03	1.05E-06	**8.07E-04**
557593.484160688.78	557593	4160689	HOTEL_50	2.94E-03	6.61E-07	**5.89E-04**	2.20E-03	1.02E-06	**4.41E-04**	2.80E-03	9.50E-07	**5.61E-04**	4.02E-03	1.05E-06	**8.05E-04**
557593.484160698.78	557593	4160699	HOTEL_51	2.94E-03	6.61E-07	**5.87E-04**	2.20E-03	1.02E-06	**4.39E-04**	2.80E-03	9.51E-07	**5.60E-04**	4.01E-03	1.05E-06	**8.03E-04**
557593.484160708.78	557593	4160709	HOTEL_52	2.93E-03	6.62E-07	**5.86E-04**	2.19E-03	1.02E-06	**4.39E-04**	2.79E-03	9.51E-07	**5.59E-04**	4.00E-03	1.05E-06	**8.01E-04**
557593.484160718.78	557593	4160719	HOTEL_53	2.92E-03	6.62E-07	**5.85E-04**	2.19E-03	1.02E-06	**4.38E-04**	2.79E-03	9.52E-07	**5.58E-04**	4.00E-03	1.05E-06	**8.00E-04**
557593.484160728.78	557593	4160729	HOTEL_54	2.92E-03	6.63E-07	**5.85E-04**	2.19E-03	1.03E-06	**4.38E-04**	2.78E-03	9.53E-07	**5.57E-04**	3.99E-03	1.05E-06	**7.99E-04**
557603.484160678.78	557603	4160679	HOTEL_55	3.05E-03	6.72E-07	**6.10E-04**	2.28E-03	1.04E-06	**4.56E-04**	2.90E-03	9.66E-07	**5.81E-04**	4.16E-03	1.07E-06	**8.33E-04**
557603.484160688.78	557603	4160689	HOTEL_56	3.04E-03	6.73E-07	**6.08E-04**	2.28E-03	1.04E-06	**4.55E-04**	2.90E-03	9.67E-07	**5.80E-04**	4.16E-03	1.07E-06	**8.32E-04**
557603.484160698.78	557603	4160699	HOTEL_57	3.03E-03	6.73E-07	**6.07E-04**	2.27E-03	1.04E-06	**4.54E-04**	2.89E-03	9.68E-07	**5.78E-04**	4.15E-03	1.07E-06	**8.29E-04**
557603.484160708.78	557603	4160709	HOTEL_58	3.03E-03	6.73E-07	**6.05E-04**	2.26E-03	1.04E-06	**4.53E-04**	2.88E-03	9.68E-07	**5.77E-04**	4.14E-03	1.07E-06	**8.27E-04**
557603.484160718.78	557603	4160719	HOTEL_59	3.02E-03	6.74E-07	**6.05E-04**	2.26E-03	1.04E-06	**4.53E-04**	2.88E-03	9.69E-07	**5.77E-04**	4.13E-03	1.07E-06	**8.27E-04**
557613.484160678.78	557613	4160679	HOTEL_60	3.16E-03	6.85E-07	**6.32E-04**	2.37E-03	1.06E-06	**4.73E-04**	3.01E-03	9.85E-07	**6.03E-04**	4.32E-03	1.09E-06	**8.64E-04**
557613.484160688.78	557613	4160689	HOTEL_61	3.15E-03	6.85E-07	**6.30E-04**	2.36E-03	1.06E-06	**4.72E-04**	3.00E-03	9.85E-07	**6.00E-04**	4.30E-03	1.09E-06	**8.61E-04**
557613.484160698.78	557613	4160699	HOTEL_62	3.14E-03	6.85E-07	**6.28E-04**	2.35E-03	1.06E-06	**4.70E-04**	2.99E-03	9.85E-07	**5.98E-04**	4.29E-03	1.09E-06	**8.58E-04**
557613.484160708.78	557613	4160709	HOTEL_63	3.13E-03	6.86E-07	**6.27E-04**	2.34E-03	1.06E-06	**4.69E-04**	2.98E-03	9.86E-07	**5.97E-04**	4.28E-03	1.09E-06	**8.56E-04**
557623.484160688.78	557623	4160689	HOTEL_64	3.26E-03	6.98E-07	**6.52E-04**	2.44E-03	1.08E-06	**4.88E-04**	3.10E-03	1.00E-06	**6.21E-04**	4.45E-03	1.11E-06	**8.91E-04**
557623.484160698.78	557623	4160699	HOTEL_65	3.25E-03	6.98E-07	**6.49E-04**	2.43E-03	1.08E-06	**4.86E-04**	3.09E-03	1.00E-06	**6.19E-04**	4.44E-03	1.11E-06	**8.87E-04**
557623.484160708.78	557623	4160709	HOTEL_66	3.24E-03	6.98E-07	**6.49E-04**	2.43E-03	1.08E-06	**4.86E-04**	3.09E-03	1.00E-06	**6.18E-04**	4.43E-03	1.11E-06	**8.87E-04**
558477.664160568.94	558478	4160569	WRKR_512	4.20E-02	3.91E-05	**8.41E-03**	3.15E-02	6.05E-05	**6.30E-03**	4.00E-02	5.62E-05	**8.02E-03**	5.74E-02	6.22E-05	**1.15E-02**
558477.664160578.94	558478	4160579	WRKR_513	4.61E-02	4.52E-05	**9.24E-03**	3.45E-02	7.00E-05	**6.92E-03**	4.40E-02	6.50E-05	**8.80E-03**	6.31E-02	7.20E-05	**1.26E-02**
558477.664160588.94	558478	4160589	WRKR_514	5.06E-02	5.35E-05	**1.01E-02**	3.79E-02	8.27E-05	**7.59E-03**	4.82E-02	7.69E-05	**9.66E-03**	6.92E-02	8.50E-05	**1.39E-02**
558477.664160598.94	558478	4160599	WRKR_515	5.55E-02	6.49E-05	**1.11E-02**	4.15E-02	1.00E-04	**8.32E-03**	5.28E-02	9.33E-05	**1.06E-02**	7.58E-02	1.03E-04	**1.52E-02**
558487.664160568.94	558488	4160569	WRKR_516	4.00E-02	4.07E-05	**8.01E-03**	2.99E-02	6.29E-05	**6.00E-03**	3.81E-02	5.85E-05	**7.64E-03**	5.47E-02	6.47E-05	**1.10E-02**
558487.664160578.94	558488	4160579	WRKR_517	4.36E-02	4.63E-05	**8.73E-03**	3.26E-02	7.17E-05	**6.54E-03**	4.15E-02	6.66E-05	**8.32E-03**	5.96E-02	7.37E-05	**1.19E-02**
558487.664160588.94	558488	4160589	WRKR_518	4.74E-02	5.36E-05	**9.50E-03**	3.55E-02	8.30E-05	**7.11E-03**	4.52E-02	7.71E-05	**9.05E-03**	6.48E-02	8.53E-05	**1.30E-02**
558487.664160598.94	558488	4160599	WRKR_519	5.15E-02	6.38E-05	**1.03E-02**	3.86E-02	9.88E-05	**7.73E-03**	4.91E-02	9.17E-05	**9.84E-03**	7.04E-02	1.01E-04	**1.41E-02**
558497.664160568.94	558498	4160569	WRKR_520	3.86E-02	4.30E-05	**7.73E-03**	2.89E-02	6.66E-05	**5.79E-03**	3.68E-02	6.19E-05	**7.37E-03**	5.28E-02	6.85E-05	**1.06E-02**
558497.664160578.94	558498	4160579	WRKR_521	4.18E-02	4.85E-05	**8.38E-03**	3.13E-02	7.51E-05	**6.28E-03**	3.99E-02	6.97E-05	**7.99E-03**	5.72E-02	7.71E-05	**1.15E-02**
558497.664160588.94	558498	4160589	WRKR_522	4.53E-02	5.58E-05	**9.07E-03**	3.39E-02	8.64E-05	**6.80E-03**	4.32E-02	8.02E-05	**8.65E-03**	6.19E-02	8.88E-05	**1.24E-02**
558497.664160598.94	558498	4160599	WRKR_523	4.88E-02	6.58E-05	**9.78E-03**	3.65E-02	1.02E-04	**7.33E-03**	4.65E-02	9.46E-05	**9.33E-03**	6.68E-02	1.05E-04	**1.34E-02**
558507.664160568.94	558508	4160569	WRKR_524	3.75E-02	4.70E-05	**7.51E-03**	2.81E-02	7.27E-05	**5.63E-03**	3.57E-02	6.75E-05	**7.16E-03**	5.13E-02	7.47E-05	**1.03E-02**
558507.664160578.94	558508	4160579	WRKR_525	4.04E-02	5.23E-05	**8.09E-03**	3.02E-02	8.10E-05	**6.06E-03**	3.85E-02	7.52E-05	**7.71E-03**	5.52E-02	8.32E-05	**1.11E-02**
558507.664160588.94	558508	4160589	WRKR_526	4.35E-02	6.03E-05	**8.72E-03**	3.26E-02	9.33E-05	**6.53E-03**	4.15E-02	8.67E-05	**8.31E-03**	5.95E-02	9.59E-05	**1.19E-02**
558507.664160598.94	558508	4160599	WRKR_527	4.67E-02	7.12E-05	**9.35E-03**	3.49E-02	1.10E-04	**7.01E-03**	4.45E-02	1.02E-04	**8.92E-03**	6.38E-02	1.13E-04	**1.28E-02**
558517.664160568.94	558518	4160569	WRKR_528	3.63E-02	5.16E-05	**7.27E-03**	2.71E-02	7.99E-05	**5.44E-03**	3.46E-02	7.42E-05	**6.93E-03**	4.96E-02	8.21E-05	**9.93E-03**
558517.664160578.94	558518	4160579	WRKR_529	3.89E-02	5.73E-05	**7.79E-03**	2.91E-02	8.88E-05	**5.84E-03**	3.71E-02	8.25E-05	**7.43E-03**	5.32E-02	9.12E-05	**1.06E-02**
558517.664160588.94	558518	4160589	WRKR_530	4.16E-02	6.54E-05	**8.34E-03**	3.11E-02	1.01E-04	**6.25E-03**	3.97E-02	9.41E-05	**7.95E-03**	5.69E-02	1.04E-04	**1.14E-02**
558517.664160598.94	558518	4160599	WRKR_531	4.44E-02	7.76E-05	**8.89E-03**	3.32E-02	1.20E-04	**6.67E-03**	4.23E-02	1.12E-04	**8.48E-03**	6.07E-02	1.23E-04	**1.22E-02**
558527.664160568.94	558528	4160569	WRKR_532	3.50E-02	5.73E-05	**7.01E-03**	2.62E-02	8.87E-05	**5.25E-03**	3.33E-02	8.24E-05	**6.68E-03**	4.78E-02	9.12E-05	**9.58E-03**
558527.664160578.94	558528	4160579	WRKR_533	3.74E-02	6.38E-05	**7.48E-03**	2.80E-02	9.87E-05	**5.61E-03**	3.56E-02	9.17E-05	**7.14E-03**	5.11E-02	1.01E-04	**1.02E-02**
558527.664160588.94	558528	4160589	WRKR_534	3.97E-02	7.27E-05	**7.96E-03**	2.97E-02	1.13E-04	**5.97E-03**	3.79E-02	1.05E-04	**7.59E-03**	5.43E-02	1.16E-04	**1.09E-02**
558527.664160598.94	558528	4160599	WRKR_535	4.21E-02	6.74E-05	**8.43E-03**	3.15E-02	1.04E-04	**6.32E-03**	4.01E-02	9.68E-05	**8.04E-03**	5.75E-02	1.07E-04	**1.15E-02**
558537.664160568.94	558538	4160569	WRKR_536	3.37E-02	6.54E-05	**6.76E-03**	2.52E-02	1.01E-04	**5.07E-03**	3.21E-02	9.40E-05	**6.44E-03**	4.61E-02	1.04E-04	**9.24E-03**
558537.664160578.94	558538	4160579	WRKR_537	3.58E-02	7.27E-05	**7.18E-03**	2.68E-02	1.13E-04	**5.38E-03**	3.41E-02	1.05E-04	**6.85E-03**	4.90E-02	1.16E-04	**9.82E-03**
558537.664160588.94	558538	4160589	WRKR_538	3.79E-02	6.13E-05	**7.59E-03**	2.84E-02	9.49E-05	**5.69E-03**	3.61E-02	8.81E-05	**7.24E-03**	5.18E-02	9.75E-05	**1.04E-02**
558537.664160598.94	558538	4160599	WRKR_539	3.99E-02	6.84E-05	**7.99E-03**	2.98E-02	1.06E-04	**5.99E-03**	3.80E-02	9.83E-05	**7.62E-03**	5.45E-02	1.09E-04	**1.09E-02**
558547.664160568.94	558548	4160569	WRKR_540	3.25E-02	7.68E-05	**6.51E-03**	2.43E-02	1.19E-04	**4.88E-03**	3.09E-02	1.10E-04	**6.21E-03**	4.44E-02	1.22E-04	**8.90E-03**
558547.664160578.94	558548	4160579	WRKR_541	3.43E-02	6.06E-05	**6.88E-03**	2.57E-02	9.38E-05	**5.16E-03**	3.27E-02	8.71E-05	**6.56E-03**	4.69E-02	9.64E-05	**9.41E-03**
558547.664160588.94	558548	4160589	WRKR_542	3.61E-02	4.55E-05	**7.23E-03**	2.70E-02	7.04E-05	**5.42E-03**	3.44E-02	6.54E-05	**6.89E-03**	4.93E-02	7.24E-05	**9.88E-03**
558557.664160568.94	558558	4160569	WRKR_543	3.13E-02	4.31E-05	**6.27E-03**	2.34E-02	6.68E-05	**4.70E-03**	2.98E-02	6.20E-05	**5.97E-03**	4.28E-02	6.86E-05	**8.57E-03**
558600.644160569.24	558601	4160569	WRKR_544	2.64E-02	5.57E-05	**5.30E-03**	1.98E-02	8.62E-05	**3.97E-03**	2.52E-02	8.00E-05	**5.05E-03**	3.61E-02	8.86E-05	**7.24E-03**
558600.644160579.24	558601	4160579	WRKR_545	2.73E-02	5.69E-05	**5.46E-03**	2.04E-02	8.80E-05	**4.10E-03**	2.60E-02	8.17E-05	**5.21E-03**	3.73E-02	9.05E-05	**7.47E-03**
558600.644160589.24	558601	4160589	WRKR_546	2.80E-02	6.83E-05	**5.62E-03**	2.10E-02	1.06E-04	**4.21E-03**	2.67E-02	9.83E-05	**5.36E-03**	3.83E-02	1.09E-04	**7.68E-03**
558600.644160599.24	558601	4160599	WRKR_547	2.86E-02	6.20E-05	**5.74E-03**	2.14E-02	9.59E-05	**4.31E-03**	2.73E-02	8.91E-05	**5.48E-03**	3.92E-02	9.86E-05	**7.85E-03**
558610.644160569.24	558611	4160569	WRKR_548	2.53E-02	6.70E-05	**5.07E-03**	1.89E-02	1.04E-04	**3.80E-03**	2.41E-02	9.64E-05	**4.83E-03**	3.45E-02	1.07E-04	**6.93E-03**
558610.644160579.24	558611	4160579	WRKR_549	2.60E-02	6.19E-05	**5.21E-03**	1.94E-02	9.59E-05	**3.91E-03**	2.48E-02	8.91E-05	**4.97E-03**	3.55E-02	9.85E-05	**7.12E-03**
558610.644160589.24	558611	4160589	WRKR_550	2.66E-02	5.70E-05	**5.33E-03**	1.99E-02	8.83E-05	**4.00E-03**	2.54E-02	8.20E-05	**5.09E-03**	3.64E-02	9.07E-05	**7.29E-03**
558610.644160599.24	558611	4160599	WRKR_551	2.71E-02	5.18E-05	**5.43E-03**	2.03E-02	8.01E-05	**4.07E-03**	2.58E-02	7.44E-05	**5.18E-03**	3.71E-02	8.23E-05	**7.43E-03**
558620.644160569.24	558621	4160569	WRKR_552	2.42E-02	5.71E-05	**4.85E-03**	1.81E-02	8.84E-05	**3.64E-03**	2.30E-02	8.21E-05	**4.62E-03**	3.30E-02	9.08E-05	**6.63E-03**
558620.644160579.24	558621	4160579	WRKR_553	2.48E-02	5.27E-05	**4.96E-03**	1.85E-02	8.17E-05	**3.72E-03**	2.36E-02	7.58E-05	**4.74E-03**	3.39E-02	8.39E-05	**6.79E-03**
558620.644160589.24	558621	4160589	WRKR_554	2.53E-02	4.88E-05	**5.07E-03**	1.89E-02	7.55E-05	**3.80E-03**	2.41E-02	7.01E-05	**4.84E-03**	3.46E-02	7.76E-05	**6.93E-03**
558620.644160599.24	558621	4160599	WRKR_555	2.57E-02	4.44E-05	**5.15E-03**	1.92E-02	6.88E-05	**3.86E-03**	2.45E-02	6.39E-05	**4.91E-03**	3.52E-02	7.07E-05	**7.04E-03**
558630.644160569.24	558631	4160569	WRKR_556	2.31E-02	4.92E-05	**4.63E-03**	1.73E-02	7.61E-05	**3.47E-03**	2.20E-02	7.07E-05	**4.42E-03**	3.16E-02	7.82E-05	**6.33E-03**
558630.644160579.24	558631	4160579	WRKR_557	2.36E-02	4.58E-05	**4.74E-03**	1.77E-02	7.08E-05	**3.55E-03**	2.25E-02	6.58E-05	**4.52E-03**	3.23E-02	7.28E-05	**6.47E-03**
558630.644160589.24	558631	4160589	WRKR_558	2.40E-02	4.21E-05	**4.82E-03**	1.80E-02	6.52E-05	**3.61E-03**	2.29E-02	6.06E-05	**4.60E-03**	3.29E-02	6.70E-05	**6.59E-03**
558630.644160599.24	558631	4160599	WRKR_559	2.44E-02	3.83E-05	**4.88E-03**	1.82E-02	5.93E-05	**3.66E-03**	2.32E-02	5.51E-05	**4.65E-03**	3.33E-02	6.10E-05	**6.67E-03**

Chronic Hazard Index

				Year 1			Year 2			Year 3			Year 4		
DPM REL (µg/m³)	**5.0**			**Project Concentrations (µg/m³)**			**Project Concentrations (µg/m³)**			**Project Concentrations (µg/m³)**			**Project Concentrations (µg/m³)**		
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONROAD**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**	**OFFROAD**	**ONRD_EX**	**CHRONIC HI**
558640.644160569.24	558641	4160569	WRKR_560	2.21E-02	4.29E-05	**4.43E-03**	1.65E-02	6.64E-05	**3.32E-03**	2.10E-02	6.16E-05	**4.22E-03**	3.02E-02	6.82E-05	**6.05E-03**
558640.644160579.24	558641	4160579	WRKR_561	2.25E-02	3.99E-05	**4.51E-03**	1.69E-02	6.18E-05	**3.38E-03**	2.15E-02	5.74E-05	**4.30E-03**	3.08E-02	6.35E-05	**6.17E-03**
558640.644160589.24	558641	4160589	WRKR_562	2.28E-02	3.66E-05	**4.58E-03**	1.71E-02	5.67E-05	**3.43E-03**	2.18E-02	5.27E-05	**4.36E-03**	3.12E-02	5.83E-05	**6.26E-03**
558640.644160599.24	558641	4160599	WRKR_563	2.31E-02	3.34E-05	**4.62E-03**	1.73E-02	5.17E-05	**3.46E-03**	2.20E-02	4.80E-05	**4.41E-03**	3.15E-02	5.31E-05	**6.32E-03**
558650.644160569.24	558651	4160569	WRKR_564	2.11E-02	3.77E-05	**4.23E-03**	1.58E-02	5.84E-05	**3.17E-03**	2.01E-02	5.42E-05	**4.03E-03**	2.88E-02	6.00E-05	**5.78E-03**
558650.644160579.24	558651	4160579	WRKR_565	2.14E-02	3.51E-05	**4.30E-03**	1.61E-02	5.44E-05	**3.22E-03**	2.04E-02	5.05E-05	**4.10E-03**	2.93E-02	5.59E-05	**5.87E-03**
558650.644160589.24	558651	4160589	WRKR_566	2.17E-02	3.23E-05	**4.35E-03**	1.62E-02	5.00E-05	**3.26E-03**	2.07E-02	4.65E-05	**4.15E-03**	2.97E-02	5.14E-05	**5.94E-03**
558650.644160599.24	558651	4160599	WRKR_567	2.19E-02	2.96E-05	**4.38E-03**	1.64E-02	4.59E-05	**3.29E-03**	2.09E-02	4.26E-05	**4.18E-03**	2.99E-02	4.72E-05	**5.99E-03**
558660.644160569.24	558661	4160569	WRKR_568	2.02E-02	3.39E-05	**4.04E-03**	1.51E-02	5.24E-05	**3.03E-03**	1.92E-02	4.87E-05	**3.85E-03**	2.76E-02	5.39E-05	**5.52E-03**
558660.644160579.24	558661	4160579	WRKR_569	2.05E-02	3.15E-05	**4.10E-03**	1.53E-02	4.88E-05	**3.07E-03**	1.95E-02	4.53E-05	**3.91E-03**	2.80E-02	5.02E-05	**5.60E-03**
558660.644160589.24	558661	4160589	WRKR_570	2.07E-02	2.90E-05	**4.14E-03**	1.55E-02	4.50E-05	**3.10E-03**	1.97E-02	4.18E-05	**3.95E-03**	2.82E-02	4.62E-05	**5.66E-03**
558660.644160599.24	558661	4160599	WRKR_571	2.08E-02	2.68E-05	**4.17E-03**	1.56E-02	4.15E-05	**3.12E-03**	1.98E-02	3.85E-05	**3.97E-03**	2.84E-02	4.26E-05	**5.70E-03**
558670.644160569.24	558671	4160569	WRKR_572	1.93E-02	3.06E-05	**3.86E-03**	1.44E-02	4.74E-05	**2.90E-03**	1.84E-02	4.40E-05	**3.68E-03**	2.64E-02	4.87E-05	**5.28E-03**
558670.644160579.24	558671	4160579	WRKR_573	1.95E-02	2.84E-05	**3.91E-03**	1.46E-02	4.40E-05	**2.93E-03**	1.86E-02	4.09E-05	**3.73E-03**	2.67E-02	4.53E-05	**5.34E-03**
558670.644160589.24	558671	4160589	WRKR_574	1.97E-02	2.63E-05	**3.94E-03**	1.47E-02	4.07E-05	**2.95E-03**	1.87E-02	3.78E-05	**3.76E-03**	2.69E-02	4.18E-05	**5.39E-03**
558495.44160499.48	558495	4160499	WRKR_575	2.19E-02	2.52E-05	**4.38E-03**	1.64E-02	3.90E-05	**3.28E-03**	2.08E-02	3.62E-05	**4.18E-03**	2.99E-02	4.01E-05	**5.99E-03**
558495.44160509.48	558495	4160509	WRKR_576	2.39E-02	2.66E-05	**4.78E-03**	1.78E-02	4.13E-05	**3.58E-03**	2.27E-02	3.83E-05	**4.55E-03**	3.26E-02	4.24E-05	**6.53E-03**
558495.44160519.48	558495	4160519	WRKR_577	2.60E-02	2.83E-05	**5.20E-03**	1.94E-02	4.38E-05	**3.90E-03**	2.48E-02	4.07E-05	**4.96E-03**	3.55E-02	4.51E-05	**7.11E-03**
558495.44160529.48	558495	4160529	WRKR_578	2.83E-02	3.02E-05	**5.67E-03**	2.12E-02	4.68E-05	**4.25E-03**	2.70E-02	4.35E-05	**5.41E-03**	3.87E-02	4.81E-05	**7.75E-03**
558505.44160499.48	558505	4160499	WRKR_579	2.16E-02	2.79E-05	**4.33E-03**	1.62E-02	4.32E-05	**3.24E-03**	2.06E-02	4.01E-05	**4.13E-03**	2.95E-02	4.44E-05	**5.91E-03**
558505.44160509.48	558505	4160509	WRKR_580	2.35E-02	2.95E-05	**4.71E-03**	1.76E-02	4.56E-05	**3.53E-03**	2.24E-02	4.24E-05	**4.49E-03**	3.21E-02	4.69E-05	**6.44E-03**
558505.44160519.48	558505	4160519	WRKR_581	2.56E-02	3.13E-05	**5.12E-03**	1.91E-02	4.84E-05	**3.83E-03**	2.43E-02	4.50E-05	**4.88E-03**	3.49E-02	4.97E-05	**7.00E-03**
558505.44160529.48	558505	4160529	WRKR_582	2.78E-02	3.33E-05	**5.56E-03**	2.08E-02	5.15E-05	**4.17E-03**	2.65E-02	4.78E-05	**5.30E-03**	3.80E-02	5.29E-05	**7.60E-03**
558515.44160499.48	558515	4160499	WRKR_583	2.13E-02	3.14E-05	**4.27E-03**	1.60E-02	4.86E-05	**3.20E-03**	2.03E-02	4.51E-05	**4.07E-03**	2.92E-02	4.99E-05	**5.84E-03**
558515.44160509.48	558515	4160509	WRKR_584	2.32E-02	3.31E-05	**4.64E-03**	1.73E-02	5.12E-05	**3.48E-03**	2.21E-02	4.76E-05	**4.42E-03**	3.16E-02	5.27E-05	**6.34E-03**
558515.44160519.48	558515	4160519	WRKR_585	2.51E-02	3.50E-05	**5.03E-03**	1.88E-02	5.41E-05	**3.77E-03**	2.39E-02	5.03E-05	**4.80E-03**	3.43E-02	5.56E-05	**6.88E-03**
558515.44160529.48	558515	4160529	WRKR_586	2.72E-02	3.70E-05	**5.45E-03**	2.04E-02	5.73E-05	**4.09E-03**	2.59E-02	5.33E-05	**5.20E-03**	3.72E-02	5.89E-05	**7.46E-03**
558525.44160499.48	558525	4160499	WRKR_587	2.11E-02	3.57E-05	**4.22E-03**	1.58E-02	5.52E-05	**3.17E-03**	2.01E-02	5.13E-05	**4.03E-03**	2.88E-02	5.68E-05	**5.77E-03**
558525.44160509.48	558525	4160509	WRKR_588	2.28E-02	3.77E-05	**4.57E-03**	1.71E-02	5.83E-05	**3.43E-03**	2.18E-02	5.42E-05	**4.36E-03**	3.12E-02	6.00E-05	**6.25E-03**
558525.44160519.48	558525	4160519	WRKR_589	2.47E-02	3.98E-05	**4.95E-03**	1.85E-02	6.16E-05	**3.71E-03**	2.35E-02	5.72E-05	**4.72E-03**	3.38E-02	6.33E-05	**6.77E-03**
558525.44160529.48	558525	4160529	WRKR_590	2.67E-02	4.21E-05	**5.35E-03**	2.00E-02	6.51E-05	**4.01E-03**	2.54E-02	6.05E-05	**5.10E-03**	3.65E-02	6.69E-05	**7.31E-03**
558535.44160499.48	558535	4160499	WRKR_591	2.08E-02	4.14E-05	**4.17E-03**	1.56E-02	6.41E-05	**3.13E-03**	1.98E-02	5.95E-05	**3.98E-03**	2.84E-02	6.59E-05	**5.70E-03**
558535.44160509.48	558535	4160509	WRKR_592	2.25E-02	4.37E-05	**4.51E-03**	1.68E-02	6.77E-05	**3.38E-03**	2.14E-02	6.28E-05	**4.30E-03**	3.07E-02	6.95E-05	**6.16E-03**
558535.44160519.48	558535	4160519	WRKR_593	2.43E-02	4.61E-05	**4.86E-03**	1.82E-02	7.14E-05	**3.65E-03**	2.31E-02	6.63E-05	**4.64E-03**	3.32E-02	7.34E-05	**6.65E-03**
558535.44160529.48	558535	4160529	WRKR_594	2.62E-02	4.86E-05	**5.25E-03**	1.96E-02	7.53E-05	**3.93E-03**	2.50E-02	6.99E-05	**5.00E-03**	3.58E-02	7.74E-05	**7.17E-03**
558545.44160499.48	558545	4160499	WRKR_595	2.05E-02	4.87E-05	**4.12E-03**	1.54E-02	7.55E-05	**3.09E-03**	1.96E-02	7.01E-05	**3.93E-03**	2.81E-02	7.76E-05	**5.63E-03**
558545.44160509.48	558545	4160509	WRKR_596	2.21E-02	5.16E-05	**4.44E-03**	1.66E-02	8.00E-05	**3.33E-03**	2.11E-02	7.43E-05	**4.23E-03**	3.03E-02	8.22E-05	**6.07E-03**
558545.44160519.48	558545	4160519	WRKR_597	2.38E-02	5.45E-05	**4.78E-03**	1.78E-02	8.44E-05	**3.58E-03**	2.27E-02	7.84E-05	**4.56E-03**	3.26E-02	8.68E-05	**6.53E-03**
558545.44160529.48	558545	4160529	WRKR_598	2.56E-02	5.75E-05	**5.14E-03**	1.92E-02	8.89E-05	**3.86E-03**	2.44E-02	8.26E-05	**4.90E-03**	3.51E-02	9.14E-05	**7.03E-03**
558555.44160499.48	558555	4160499	WRKR_599	2.03E-02	5.89E-05	**4.06E-03**	1.52E-02	9.11E-05	**3.05E-03**	1.93E-02	8.46E-05	**3.88E-03**	2.77E-02	9.37E-05	**5.55E-03**
558555.44160509.48	558555	4160509	WRKR_600	2.18E-02	6.24E-05	**4.37E-03**	1.63E-02	9.66E-05	**3.28E-03**	2.08E-02	8.97E-05	**4.17E-03**	2.98E-02	9.93E-05	**5.97E-03**
558555.44160519.48	558555	4160519	WRKR_601	2.34E-02	6.58E-05	**4.69E-03**	1.75E-02	1.02E-04	**3.52E-03**	2.23E-02	9.47E-05	**4.48E-03**	3.20E-02	1.05E-04	**6.42E-03**
558555.44160529.48	558555	4160529	WRKR_602	2.51E-02	6.96E-05	**5.03E-03**	1.88E-02	1.08E-04	**3.77E-03**	2.39E-02	1.00E-04	**4.80E-03**	3.43E-02	1.11E-04	**6.88E-03**
558565.44160499.48	558565	4160499	WRKR_603	2.00E-02	5.10E-05	**4.00E-03**	1.49E-02	7.90E-05	**3.00E-03**	1.90E-02	7.34E-05	**3.82E-03**	2.73E-02	8.12E-05	**5.47E-03**
558565.44160509.48	558565	4160509	WRKR_604	2.14E-02	5.62E-05	**4.29E-03**	1.60E-02	8.70E-05	**3.22E-03**	2.04E-02	8.08E-05	**4.10E-03**	2.93E-02	8.94E-05	**5.87E-03**
558565.44160519.48	558565	4160519	WRKR_605	2.29E-02	4.01E-05	**4.59E-03**	1.71E-02	6.21E-05	**3.44E-03**	2.18E-02	5.77E-05	**4.38E-03**	3.13E-02	6.38E-05	**6.28E-03**
558565.44160529.48	558565	4160529	WRKR_606	2.45E-02	5.81E-05	**4.91E-03**	1.83E-02	8.99E-05	**3.68E-03**	2.33E-02	8.35E-05	**4.68E-03**	3.34E-02	9.24E-05	**6.71E-03**
558618.984160498.88	558619	4160499	WRKR_607	1.80E-02	4.27E-05	**3.61E-03**	1.35E-02	6.61E-05	**2.71E-03**	1.72E-02	6.14E-05	**3.45E-03**	2.46E-02	6.79E-05	**4.94E-03**
558618.984160508.88	558619	4160509	WRKR_608	1.90E-02	5.63E-05	**3.82E-03**	1.42E-02	8.72E-05	**2.86E-03**	1.81E-02	8.10E-05	**3.64E-03**	2.60E-02	8.96E-05	**5.22E-03**
558618.984160518.88	558619	4160519	WRKR_609	2.00E-02	5.65E-05	**4.01E-03**	1.50E-02	8.74E-05	**3.01E-03**	1.91E-02	8.12E-05	**3.83E-03**	2.74E-02	8.99E-05	**5.49E-03**
558618.984160528.88	558619	4160529	WRKR_610	2.10E-02	7.16E-05	**4.21E-03**	1.57E-02	1.11E-04	**3.16E-03**	2.00E-02	1.03E-04	**4.02E-03**	2.87E-02	1.14E-04	**5.76E-03**
558628.984160498.88	558629	4160499	WRKR_611	1.76E-02	7.32E-05	**3.54E-03**	1.32E-02	1.13E-04	**2.66E-03**	1.68E-02	1.05E-04	**3.38E-03**	2.41E-02	1.17E-04	**4.84E-03**
558628.984160508.88	558629	4160509	WRKR_612	1.86E-02	6.81E-05	**3.72E-03**	1.39E-02	1.05E-04	**2.80E-03**	1.77E-02	9.79E-05	**3.56E-03**	2.54E-02	1.08E-04	**5.09E-03**
558628.984160518.88	558629	4160519	WRKR_613	1.95E-02	6.42E-05	**3.91E-03**	1.46E-02	9.94E-05	**2.93E-03**	1.85E-02	9.23E-05	**3.73E-03**	2.66E-02	1.02E-04	**5.34E-03**
558628.984160528.88	558629	4160529	WRKR_614	2.03E-02	6.13E-05	**4.08E-03**	1.52E-02	9.49E-05	**3.06E-03**	1.94E-02	8.81E-05	**3.89E-03**	2.78E-02	9.75E-05	**5.58E-03**
558638.984160498.88	558639	4160499	WRKR_615	1.72E-02	6.40E-05	**3.46E-03**	1.29E-02	9.90E-05	**2.60E-03**	1.64E-02	9.20E-05	**3.30E-03**	2.36E-02	1.02E-04	**4.73E-03**
558638.984160508.88	558639	4160509	WRKR_616	1.81E-02	5.97E-05	**3.63E-03**	1.35E-02	9.24E-05	**2.72E-03**	1.72E-02	8.58E-05	**3.46E-03**	2.47E-02	9.49E-05	**4.96E-03**
558638.984160518.88	558639	4160519	WRKR_617	1.89E-02	5.64E-05	**3.79E-03**	1.41E-02	8.73E-05	**2.85E-03**	1.80E-02	8.11E-05	**3.62E-03**	2.58E-02	8.98E-05	**5.19E-03**
558638.984160528.88	558639	4160529	WRKR_618	1.97E-02	5.38E-05	**3.95E-03**	1.47E-02	8.33E-05	**2.96E-03**	1.88E-02	7.74E-05	**3.77E-03**	2.69E-02	8.56E-05	**5.40E-03**
558648.984160498.88	558649	4160499	WRKR_619	1.68E-02	5.72E-05	**3.38E-03**	1.26E-02	8.86E-05	**2.54E-03**	1.60E-02	8.23E-05	**3.22E-03**	2.30E-02	9.11E-05	**4.62E-03**
558648.984160508.88	558649	4160509	WRKR_620	1.76E-02	5.33E-05	**3.53E-03**	1.32E-02	8.26E-05	**2.65E-03**	1.68E-02	7.67E-05	**3.37E-03**	2.41E-02	8.49E-05	**4.83E-03**
558648.984160518.88	558649	4160519	WRKR_621	1.83E-02	5.04E-05	**3.68E-03**	1.37E-02	7.80E-05	**2.76E-03**	1.75E-02	7.24E-05	**3.51E-03**	2.51E-02	8.02E-05	**5.03E-03**
558648.984160528.88	558649	4160529	WRKR_622	1.91E-02	4.80E-05	**3.82E-03**	1.43E-02	7.42E-05	**2.87E-03**	1.82E-02	6.90E-05	**3.64E-03**	2.60E-02	7.63E-05	**5.22E-03**
558658.984160498.88	558659	4160499	WRKR_623	1.64E-02	5.23E-05	**3.29E-03**	1.23E-02	8.10E-05	**2.47E-03**	1.56E-02	7.52E-05	**3.14E-03**	2.24E-02	8.32E-05	**4.50E-03**
558658.984160508.88	558659	4160509	WRKR_624	1.71E-02	4.86E-05	**3.43E-03**	1.28E-02	7.53E-05	**2.58E-03**	1.63E-02	6.99E-05	**3.27E-03**	2.34E-02	7.74E-05	**4.69E-03**
558658.984160518.88	558659	4160519	WRKR_625	1.78E-02	4.57E-05	**3.57E-03**	1.33E-02	7.07E-05	**2.68E-03**	1.69E-02	6.56E-05	**3.40E-03**	2.43E-02	7.26E-05	**4.88E-03**
558658.984160528.88	558659	4160529	WRKR_626	1.84E-02	4.33E-05	**3.69E-03**	1.38E-02	6.70E-05	**2.77E-03**	1.76E-02	6.23E-05	**3.52E-03**	2.52E-02	6.89E-05	**5.05E-03**
558668.984160498.88	558669	4160499	WRKR_627	1.60E-02	4.81E-05	**3.21E-03**	1.20E-02	7.44E-05	**2.41E-03**	1.52E-02	6.91E-05	**3.06E-03**	2.19E-02	7.65E-05	**4.39E-03**
558668.984160508.88	558669	4160509	WRKR_628	1.66E-02	4.46E-05	**3.33E-03**	1.24E-02	6.90E-05	**2.50E-03**	1.58E-02	6.41E-05	**3.18E-03**	2.27E-02	7.09E-05	**4.56E-03**
558668.984160518.88	558669	4160519	WRKR_629	1.72E-02	4.17E-05	**3.46E-03**	1.29E-02	6.46E-05	**2.59E-03**	1.64E-02	6.00E-05	**3.30E-03**	2.36E-02	6.64E-05	**4.72E-03**
558668.984160528.88	558669	4160529	WRKR_630	1.78E-02	3.95E-05	**3.57E-03**	1.33E-02	6.11E-05	**2.68E-03**	1.70E-02	5.67E-05	**3.40E-03**	2.43E-02	6.28E-05	**4.88E-03**
558678.984160498.88	558679	4160499	WRKR_631	1.56E-02	4.47E-05	**3.12E-03**	1.17E-02	6.92E-05	**2.34E-03**	1.48E-02	6.43E-05	**2.98E-03**	2.13E-02	7.11E-05	**4.27E-03**

Chronic Hazard Index

DPM REL (µg/m³) 5.0

				Year 1			Year 2			Year 3			Year 4		
				Project Concentrations (µg/m³)			Project Concentrations (µg/m³)			Project Concentrations (µg/m³)			Project Concentrations (µg/m³)		
XY	X	Y	Type	OFFROAD	ONROAD	CHRONIC HI	OFFROAD	ONROAD	CHRONIC HI	OFFROAD	ONRD_EX	CHRONIC HI	OFFROAD	ONRD_EX	CHRONIC HI
558678.984160508.88	558679	4160509	WRKR_632	1.61E-02	4.12E-05	**3.24E-03**	1.21E-02	6.39E-05	**2.43E-03**	1.54E-02	5.93E-05	**3.09E-03**	2.21E-02	6.56E-05	**4.43E-03**
558678.984160518.88	558679	4160519	WRKR_633	1.67E-02	3.85E-05	**3.35E-03**	1.25E-02	5.96E-05	**2.51E-03**	1.59E-02	5.54E-05	**3.19E-03**	2.28E-02	6.13E-05	**4.57E-03**
558678.984160528.88	558679	4160529	WRKR_634	1.72E-02	3.63E-05	**3.44E-03**	1.29E-02	5.61E-05	**2.58E-03**	1.64E-02	5.21E-05	**3.29E-03**	2.35E-02	5.77E-05	**4.71E-03**
558688.984160498.88	558689	4160499	WRKR_635	1.51E-02	4.17E-05	**3.04E-03**	1.13E-02	6.46E-05	**2.28E-03**	1.44E-02	6.00E-05	**2.90E-03**	2.07E-02	6.64E-05	**4.15E-03**
558688.984160508.88	558689	4160509	WRKR_636	1.57E-02	3.84E-05	**3.14E-03**	1.17E-02	5.95E-05	**2.36E-03**	1.49E-02	5.52E-05	**3.00E-03**	2.14E-02	6.11E-05	**4.29E-03**
558688.984160518.88	558689	4160519	WRKR_637	1.61E-02	3.58E-05	**3.24E-03**	1.21E-02	5.54E-05	**2.43E-03**	1.54E-02	5.15E-05	**3.09E-03**	2.21E-02	5.70E-05	**4.43E-03**
558444.414160372.35	558444	4160372	WRKR_638	7.63E-03	9.98E-06	**1.53E-03**	5.71E-03	1.54E-05	**1.14E-03**	7.27E-03	1.43E-05	**1.46E-03**	1.04E-02	1.59E-05	**2.09E-03**
558454.414160382.35	558454	4160382	WRKR_639	8.02E-03	1.07E-05	**1.61E-03**	6.00E-03	1.65E-05	**1.20E-03**	7.64E-03	1.54E-05	**1.53E-03**	1.10E-02	1.70E-05	**2.20E-03**
558454.414160392.35	558454	4160392	WRKR_640	8.65E-03	1.11E-05	**1.73E-03**	6.48E-03	1.72E-05	**1.30E-03**	8.25E-03	1.60E-05	**1.65E-03**	1.18E-02	1.77E-05	**2.37E-03**
558454.414160402.35	558454	4160402	WRKR_641	9.37E-03	1.15E-05	**1.88E-03**	7.01E-03	1.79E-05	**1.41E-03**	8.92E-03	1.66E-05	**1.79E-03**	1.28E-02	1.84E-05	**2.56E-03**
558464.414160382.35	558464	4160382	WRKR_642	7.98E-03	1.13E-05	**1.60E-03**	5.97E-03	1.75E-05	**1.20E-03**	7.60E-03	1.62E-05	**1.52E-03**	1.09E-02	1.80E-05	**2.19E-03**
558464.414160392.35	558464	4160392	WRKR_643	8.62E-03	1.17E-05	**1.73E-03**	6.45E-03	1.82E-05	**1.29E-03**	8.21E-03	1.69E-05	**1.65E-03**	1.18E-02	1.87E-05	**2.36E-03**
558464.414160402.35	558464	4160402	WRKR_644	9.34E-03	1.22E-05	**1.87E-03**	6.99E-03	1.89E-05	**1.40E-03**	8.90E-03	1.76E-05	**1.78E-03**	1.28E-02	1.95E-05	**2.56E-03**
558474.414160382.35	558474	4160382	WRKR_645	7.96E-03	1.20E-05	**1.59E-03**	5.95E-03	1.85E-05	**1.19E-03**	7.58E-03	1.72E-05	**1.52E-03**	1.09E-02	1.90E-05	**2.18E-03**
558474.414160392.35	558474	4160392	WRKR_646	8.59E-03	1.24E-05	**1.72E-03**	6.42E-03	1.92E-05	**1.29E-03**	8.18E-03	1.79E-05	**1.64E-03**	1.17E-02	1.98E-05	**2.35E-03**
558474.414160402.35	558474	4160402	WRKR_647	9.30E-03	1.29E-05	**1.86E-03**	6.96E-03	2.00E-05	**1.40E-03**	8.86E-03	1.86E-05	**1.78E-03**	1.27E-02	2.06E-05	**2.55E-03**
558484.414160382.35	558484	4160382	WRKR_648	7.94E-03	1.27E-05	**1.59E-03**	5.94E-03	1.96E-05	**1.19E-03**	7.56E-03	1.82E-05	**1.52E-03**	1.08E-02	2.02E-05	**2.17E-03**
558484.414160392.35	558484	4160392	WRKR_649	8.54E-03	1.31E-05	**1.71E-03**	6.39E-03	2.03E-05	**1.28E-03**	8.14E-03	1.89E-05	**1.63E-03**	1.17E-02	2.09E-05	**2.34E-03**
558484.414160402.35	558484	4160402	WRKR_650	9.22E-03	1.36E-05	**1.85E-03**	6.90E-03	2.11E-05	**1.38E-03**	8.78E-03	1.96E-05	**1.76E-03**	1.26E-02	2.17E-05	**2.52E-03**
558494.414160382.35	558494	4160382	WRKR_651	7.94E-03	1.35E-05	**1.59E-03**	5.94E-03	2.09E-05	**1.19E-03**	7.57E-03	1.94E-05	**1.52E-03**	1.09E-02	2.15E-05	**2.17E-03**
558494.414160392.35	558494	4160392	WRKR_652	8.54E-03	1.40E-05	**1.71E-03**	6.39E-03	2.17E-05	**1.28E-03**	8.14E-03	2.01E-05	**1.63E-03**	1.17E-02	2.23E-05	**2.34E-03**
558494.414160402.35	558494	4160402	WRKR_653	9.22E-03	1.46E-05	**1.85E-03**	6.90E-03	2.25E-05	**1.38E-03**	8.78E-03	2.09E-05	**1.76E-03**	1.26E-02	2.32E-05	**2.52E-03**
558504.414160382.35	558504	4160382	WRKR_654	7.95E-03	1.44E-05	**1.59E-03**	5.95E-03	2.23E-05	**1.19E-03**	7.58E-03	2.07E-05	**1.52E-03**	1.09E-02	2.30E-05	**2.18E-03**
558504.414160392.35	558504	4160392	WRKR_655	8.62E-03	1.52E-05	**1.73E-03**	6.45E-03	2.35E-05	**1.29E-03**	8.21E-03	2.18E-05	**1.65E-03**	1.18E-02	2.42E-05	**2.36E-03**
558504.414160402.35	558504	4160402	WRKR_656	9.39E-03	1.61E-05	**1.88E-03**	7.03E-03	2.49E-05	**1.41E-03**	8.95E-03	2.32E-05	**1.79E-03**	1.28E-02	2.56E-05	**2.57E-03**
558514.414160382.35	558514	4160382	WRKR_657	7.99E-03	1.55E-05	**1.60E-03**	5.98E-03	2.40E-05	**1.20E-03**	7.61E-03	2.23E-05	**1.53E-03**	1.09E-02	2.46E-05	**2.19E-03**
558514.414160392.35	558514	4160392	WRKR_658	8.64E-03	1.63E-05	**1.73E-03**	6.47E-03	2.53E-05	**1.30E-03**	8.23E-03	2.35E-05	**1.65E-03**	1.18E-02	2.60E-05	**2.37E-03**
558514.414160402.35	558514	4160402	WRKR_659	9.43E-03	1.75E-05	**1.89E-03**	7.05E-03	2.70E-05	**1.42E-03**	8.98E-03	2.51E-05	**1.80E-03**	1.29E-02	2.78E-05	**2.58E-03**
558524.414160392.35	558524	4160392	WRKR_660	8.68E-03	1.77E-05	**1.74E-03**	6.49E-03	2.74E-05	**1.30E-03**	8.27E-03	2.54E-05	**1.66E-03**	1.19E-02	2.81E-05	**2.38E-03**
558524.414160402.35	558524	4160402	WRKR_661	9.45E-03	1.89E-05	**1.89E-03**	7.07E-03	2.93E-05	**1.42E-03**	9.00E-03	2.72E-05	**1.81E-03**	1.29E-02	3.01E-05	**2.59E-03**
558581.824160392.36	558582	4160392	WRKR_662	8.98E-03	3.03E-05	**1.80E-03**	6.72E-03	4.68E-05	**1.35E-03**	8.56E-03	4.35E-05	**1.72E-03**	1.23E-02	4.81E-05	**2.46E-03**
558581.824160402.36	558582	4160402	WRKR_663	9.67E-03	3.39E-05	**1.94E-03**	7.24E-03	5.25E-05	**1.46E-03**	9.22E-03	4.87E-05	**1.85E-03**	1.32E-02	5.39E-05	**2.65E-03**
558581.824160412.36	558582	4160412	WRKR_664	1.04E-02	3.83E-05	**2.09E-03**	7.80E-03	5.93E-05	**1.57E-03**	9.93E-03	5.51E-05	**2.00E-03**	1.42E-02	6.09E-05	**2.86E-03**
558581.824160422.36	558582	4160422	WRKR_665	1.12E-02	4.36E-05	**2.25E-03**	8.40E-03	6.75E-05	**1.69E-03**	1.07E-02	6.26E-05	**2.15E-03**	1.53E-02	6.93E-05	**3.08E-03**
558591.824160392.36	558592	4160392	WRKR_666	9.01E-03	3.29E-05	**1.81E-03**	6.74E-03	5.09E-05	**1.36E-03**	8.59E-03	4.73E-05	**1.73E-03**	1.23E-02	5.23E-05	**2.47E-03**
558591.824160402.36	558592	4160402	WRKR_667	9.69E-03	3.73E-05	**1.95E-03**	7.25E-03	5.77E-05	**1.46E-03**	9.24E-03	5.36E-05	**1.86E-03**	1.33E-02	5.93E-05	**2.66E-03**
558591.824160412.36	558592	4160412	WRKR_668	1.04E-02	4.27E-05	**2.09E-03**	7.80E-03	6.60E-05	**1.57E-03**	9.94E-03	6.13E-05	**2.00E-03**	1.43E-02	6.79E-05	**2.86E-03**
558591.824160422.36	558592	4160422	WRKR_669	1.12E-02	4.93E-05	**2.25E-03**	8.39E-03	7.64E-05	**1.69E-03**	1.07E-02	7.09E-05	**2.15E-03**	1.53E-02	7.85E-05	**3.08E-03**
558601.824160382.36	558602	4160382	WRKR_670	8.41E-03	3.16E-05	**1.69E-03**	6.29E-03	4.89E-05	**1.27E-03**	8.01E-03	4.54E-05	**1.61E-03**	1.15E-02	5.02E-05	**2.31E-03**
558601.824160392.36	558602	4160392	WRKR_671	9.04E-03	3.57E-05	**1.81E-03**	6.76E-03	5.52E-05	**1.36E-03**	8.61E-03	5.13E-05	**1.73E-03**	1.24E-02	5.68E-05	**2.48E-03**
558601.824160402.36	558602	4160402	WRKR_672	9.71E-03	4.08E-05	**1.95E-03**	7.27E-03	6.32E-05	**1.47E-03**	9.25E-03	5.87E-05	**1.86E-03**	1.33E-02	6.50E-05	**2.67E-03**
558601.824160412.36	558602	4160412	WRKR_673	1.04E-02	4.73E-05	**2.10E-03**	7.80E-03	7.32E-05	**1.58E-03**	9.94E-03	6.80E-05	**2.00E-03**	1.43E-02	7.53E-05	**2.87E-03**
558601.824160422.36	558602	4160422	WRKR_674	1.12E-02	5.55E-05	**2.25E-03**	8.38E-03	8.59E-05	**1.69E-03**	1.07E-02	7.98E-05	**2.15E-03**	1.53E-02	8.83E-05	**3.08E-03**
558611.824160382.36	558612	4160382	WRKR_675	8.44E-03	3.35E-05	**1.70E-03**	6.32E-03	5.19E-05	**1.27E-03**	8.05E-03	4.82E-05	**1.62E-03**	1.15E-02	5.33E-05	**2.32E-03**
558611.824160392.36	558612	4160392	WRKR_676	9.06E-03	3.81E-05	**1.82E-03**	6.78E-03	5.90E-05	**1.37E-03**	8.64E-03	5.48E-05	**1.74E-03**	1.24E-02	6.06E-05	**2.49E-03**
558611.824160402.36	558612	4160402	WRKR_677	9.72E-03	4.45E-05	**1.95E-03**	7.28E-03	6.89E-05	**1.47E-03**	9.26E-03	6.40E-05	**1.87E-03**	1.33E-02	7.08E-05	**2.67E-03**
558611.824160412.36	558612	4160412	WRKR_678	1.04E-02	5.22E-05	**2.09E-03**	7.80E-03	8.08E-05	**1.58E-03**	9.93E-03	7.50E-05	**2.00E-03**	1.42E-02	8.30E-05	**2.87E-03**
558611.824160422.36	558612	4160422	WRKR_679	1.12E-02	6.22E-05	**2.25E-03**	8.36E-03	9.63E-05	**1.69E-03**	1.06E-02	8.94E-05	**2.15E-03**	1.53E-02	9.89E-05	**3.07E-03**
558621.824160382.36	558622	4160382	WRKR_680	8.47E-03	3.58E-05	**1.70E-03**	6.34E-03	5.54E-05	**1.28E-03**	8.07E-03	5.15E-05	**1.62E-03**	1.16E-02	5.70E-05	**2.33E-03**
558621.824160392.36	558622	4160392	WRKR_681	9.08E-03	4.10E-05	**1.82E-03**	6.80E-03	6.34E-05	**1.37E-03**	8.65E-03	5.89E-05	**1.74E-03**	1.24E-02	6.52E-05	**2.50E-03**
558621.824160402.36	558622	4160402	WRKR_682	9.73E-03	4.83E-05	**1.96E-03**	7.28E-03	7.47E-05	**1.47E-03**	9.27E-03	6.94E-05	**1.87E-03**	1.33E-02	7.68E-05	**2.67E-03**
558621.824160412.36	558622	4160412	WRKR_683	1.04E-02	5.77E-05	**2.09E-03**	7.79E-03	8.93E-05	**1.58E-03**	9.92E-03	8.29E-05	**2.00E-03**	1.42E-02	9.18E-05	**2.86E-03**
558621.824160422.36	558622	4160422	WRKR_684	1.11E-02	4.77E-05	**2.24E-03**	8.34E-03	7.39E-05	**1.68E-03**	1.06E-02	6.86E-05	**2.14E-03**	1.52E-02	7.59E-05	**3.06E-03**
558631.824160382.36	558632	4160382	WRKR_685	8.49E-03	3.82E-05	**1.71E-03**	6.36E-03	5.91E-05	**1.28E-03**	8.09E-03	5.49E-05	**1.63E-03**	1.16E-02	6.08E-05	**2.33E-03**
558631.824160392.36	558632	4160392	WRKR_686	9.09E-03	4.39E-05	**1.83E-03**	6.80E-03	6.79E-05	**1.37E-03**	8.66E-03	6.31E-05	**1.75E-03**	1.24E-02	6.98E-05	**2.50E-03**
558631.824160402.36	558632	4160402	WRKR_687	9.73E-03	5.22E-05	**1.96E-03**	7.28E-03	8.09E-05	**1.47E-03**	9.27E-03	7.51E-05	**1.87E-03**	1.33E-02	8.31E-05	**2.68E-03**
558641.824160382.36	558642	4160382	WRKR_688	8.51E-03	4.05E-05	**1.71E-03**	6.37E-03	6.27E-05	**1.29E-03**	8.11E-03	5.82E-05	**1.63E-03**	1.16E-02	6.44E-05	**2.34E-03**
558641.824160392.36	558642	4160392	WRKR_689	9.10E-03	4.68E-05	**1.83E-03**	6.81E-03	7.25E-05	**1.38E-03**	8.67E-03	6.73E-05	**1.75E-03**	1.24E-02	7.45E-05	**2.50E-03**
558641.824160402.36	558642	4160402	WRKR_690	9.71E-03	5.65E-05	**1.95E-03**	7.27E-03	8.75E-05	**1.47E-03**	9.26E-03	8.13E-05	**1.87E-03**	1.33E-02	8.99E-05	**2.67E-03**
558651.824160382.36	558652	4160382	WRKR_691	8.52E-03	4.35E-05	**1.71E-03**	6.38E-03	6.74E-05	**1.29E-03**	8.12E-03	6.26E-05	**1.64E-03**	1.16E-02	6.93E-05	**2.34E-03**
558651.824160392.36	558652	4160392	WRKR_692	9.09E-03	5.06E-05	**1.83E-03**	6.80E-03	7.83E-05	**1.38E-03**	8.66E-03	7.27E-05	**1.75E-03**	1.24E-02	8.05E-05	**2.50E-03**
558651.824160402.36	558652	4160402	WRKR_693	9.69E-03	6.14E-05	**1.95E-03**	7.25E-03	9.51E-05	**1.47E-03**	9.24E-03	8.84E-05	**1.86E-03**	1.32E-02	9.78E-05	**2.67E-03**
558661.824160382.36	558662	4160382	WRKR_694	8.52E-03	4.69E-05	**1.71E-03**	6.38E-03	7.27E-05	**1.29E-03**	8.12E-03	6.75E-05	**1.64E-03**	1.17E-02	7.47E-05	**2.34E-03**
558661.824160392.36	558662	4160392	WRKR_695	9.08E-03	5.44E-05	**1.83E-03**	6.80E-03	8.42E-05	**1.38E-03**	8.65E-03	7.82E-05	**1.75E-03**	1.24E-02	8.66E-05	**2.50E-03**
558661.824160402.36	558662	4160402	WRKR_696	9.67E-03	6.66E-05	**1.95E-03**	7.23E-03	1.03E-04	**1.47E-03**	9.21E-03	9.58E-05	**1.86E-03**	1.32E-02	1.06E-04	**2.66E-03**
558671.824160362.36	558672	4160362	WRKR_697	7.51E-03	4.24E-05	**1.51E-03**	5.62E-03	6.57E-05	**1.14E-03**	7.16E-03	6.10E-05	**1.44E-03**	1.03E-02	6.75E-05	**2.07E-03**
558671.824160372.36	558672	4160372	WRKR_698	8.00E-03	4.58E-05	**1.61E-03**	5.99E-03	7.09E-05	**1.21E-03**	7.62E-03	6.59E-05	**1.54E-03**	1.09E-02	7.29E-05	**2.20E-03**
558671.824160382.36	558672	4160382	WRKR_699	8.52E-03	5.09E-05	**1.71E-03**	6.38E-03	7.89E-05	**1.29E-03**	8.12E-03	7.32E-05	**1.64E-03**	1.16E-02	8.11E-05	**2.35E-03**
558671.824160392.36	558672	4160392	WRKR_700	9.07E-03	5.89E-05	**1.82E-03**	6.78E-03	9.12E-05	**1.37E-03**	8.64E-03	8.47E-05	**1.74E-03**	1.24E-02	9.37E-05	**2.50E-03**
558671.824160402.36	558672	4160402	WRKR_701	9.63E-03	7.21E-05	**1.94E-03**	7.21E-03	1.12E-04	**1.46E-03**	9.18E-03	1.04E-04	**1.86E-03**	1.32E-02	1.15E-04	**2.66E-03**
558681.824160362.36	558682	4160362	WRKR_702	7.52E-03	4.74E-05	**1.51E-03**	5.63E-03	7.33E-05	**1.14E-03**	7.17E-03	6.81E-05	**1.45E-03**	1.03E-02	7.53E-05	**2.07E-03**
558681.824160372.36	558682	4160372	WRKR_703	7.98E-03	4.98E-05	**1.61E-03**	5.97E-03	7.72E-05	**1.21E-03**	7.61E-03	7.17E-05	**1.54E-03**	1.09E-02	7.93E-05	**2.20E-03**

Chronic Hazard Index

DPM REL (µg/m³) 5.0

				Year 1			Year 2			Year 3			Year 4		
				Project Concentrations (µg/m³)			Project Concentrations (µg/m³)			Project Concentrations (µg/m³)			Project Concentrations (µg/m³)		
XY	X	Y	Type	OFFROAD	ONROAD	CHRONIC HI	OFFROAD	ONROAD	CHRONIC HI	OFFROAD	ONRD_EX	CHRONIC HI	OFFROAD	ONRD_EX	CHRONIC HI
558681.824160382.36	558682	4160382	WRKR_704	8.51E-03	5.56E-05	**1.71E-03**	6.37E-03	8.60E-05	**1.29E-03**	8.11E-03	7.99E-05	**1.64E-03**	1.16E-02	8.84E-05	**2.34E-03**
558681.824160392.36	558682	4160392	WRKR_705	9.04E-03	6.40E-05	**1.82E-03**	6.76E-03	9.91E-05	**1.37E-03**	8.61E-03	9.20E-05	**1.74E-03**	1.24E-02	1.02E-04	**2.49E-03**
558681.824160402.36	558682	4160402	WRKR_706	9.59E-03	7.75E-05	**1.93E-03**	7.18E-03	1.20E-04	**1.46E-03**	9.14E-03	1.11E-04	**1.85E-03**	1.31E-02	1.23E-04	**2.65E-03**
558691.824160362.36	558692	4160362	WRKR_707	7.53E-03	5.43E-05	**1.52E-03**	5.64E-03	8.41E-05	**1.14E-03**	7.18E-03	7.81E-05	**1.45E-03**	1.03E-02	8.65E-05	**2.08E-03**
558691.824160372.36	558692	4160372	WRKR_708	8.00E-03	5.75E-05	**1.61E-03**	5.99E-03	8.91E-05	**1.22E-03**	7.62E-03	8.27E-05	**1.54E-03**	1.09E-02	9.16E-05	**2.21E-03**
558691.824160382.36	558692	4160382	WRKR_709	8.49E-03	6.26E-05	**1.71E-03**	6.36E-03	9.69E-05	**1.29E-03**	8.09E-03	9.00E-05	**1.64E-03**	1.16E-02	9.96E-05	**2.34E-03**
558691.824160392.36	558692	4160392	WRKR_710	9.01E-03	7.10E-05	**1.82E-03**	6.74E-03	1.10E-04	**1.37E-03**	8.58E-03	1.02E-04	**1.74E-03**	1.23E-02	1.13E-04	**2.48E-03**
558691.824160402.36	558692	4160402	WRKR_711	9.54E-03	8.51E-05	**1.92E-03**	7.14E-03	1.32E-04	**1.45E-03**	9.09E-03	1.22E-04	**1.84E-03**	1.30E-02	1.35E-04	**2.63E-03**
558701.824160362.36	558702	4160362	WRKR_712	7.53E-03	6.41E-05	**1.52E-03**	5.64E-03	9.93E-05	**1.15E-03**	7.18E-03	9.22E-05	**1.45E-03**	1.03E-02	1.02E-04	**2.08E-03**
558701.824160372.36	558702	4160372	WRKR_713	7.99E-03	6.74E-05	**1.61E-03**	5.98E-03	1.04E-04	**1.22E-03**	7.61E-03	9.68E-05	**1.54E-03**	1.09E-02	1.07E-04	**2.21E-03**
558701.824160382.36	558702	4160382	WRKR_714	8.47E-03	7.24E-05	**1.71E-03**	6.34E-03	1.12E-04	**1.29E-03**	8.07E-03	1.04E-04	**1.63E-03**	1.16E-02	1.15E-04	**2.34E-03**
558701.824160392.36	558702	4160392	WRKR_715	8.96E-03	8.06E-05	**1.81E-03**	6.71E-03	1.25E-04	**1.37E-03**	8.54E-03	1.16E-04	**1.73E-03**	1.23E-02	1.28E-04	**2.48E-03**
558701.824160402.36	558702	4160402	WRKR_716	9.47E-03	9.43E-05	**1.91E-03**	7.09E-03	1.46E-04	**1.45E-03**	9.03E-03	1.36E-04	**1.83E-03**	1.29E-02	1.50E-04	**2.62E-03**
558711.824160362.36	558712	4160362	WRKR_717	7.53E-03	7.81E-05	**1.52E-03**	5.63E-03	1.21E-04	**1.15E-03**	7.17E-03	1.12E-04	**1.46E-03**	1.03E-02	1.24E-04	**2.08E-03**
558711.824160372.36	558712	4160372	WRKR_718	7.97E-03	8.12E-05	**1.61E-03**	5.97E-03	1.26E-04	**1.22E-03**	7.60E-03	1.17E-04	**1.54E-03**	1.09E-02	1.29E-04	**2.21E-03**
558711.824160382.36	558712	4160382	WRKR_719	8.44E-03	6.69E-05	**1.70E-03**	6.31E-03	1.04E-04	**1.28E-03**	8.04E-03	9.62E-05	**1.63E-03**	1.15E-02	1.06E-04	**2.33E-03**
558711.824160392.36	558712	4160392	WRKR_720	8.91E-03	9.37E-05	**1.80E-03**	6.67E-03	1.45E-04	**1.36E-03**	8.49E-03	1.35E-04	**1.73E-03**	1.22E-02	1.49E-04	**2.47E-03**
558711.824160402.36	558712	4160402	WRKR_721	9.40E-03	6.04E-05	**1.89E-03**	7.04E-03	9.36E-05	**1.43E-03**	8.96E-03	8.69E-05	**1.81E-03**	1.29E-02	9.62E-05	**2.59E-03**
558721.824160362.36	558722	4160362	WRKR_722	7.52E-03	4.64E-05	**1.51E-03**	5.63E-03	7.18E-05	**1.14E-03**	7.16E-03	6.67E-05	**1.45E-03**	1.03E-02	7.38E-05	**2.07E-03**
558721.824160372.36	558722	4160372	WRKR_723	7.95E-03	5.18E-05	**1.60E-03**	5.95E-03	8.03E-05	**1.21E-03**	7.57E-03	7.45E-05	**1.53E-03**	1.09E-02	8.25E-05	**2.19E-03**
558721.824160382.36	558722	4160382	WRKR_724	8.39E-03	7.39E-05	**1.69E-03**	6.28E-03	1.14E-04	**1.28E-03**	8.00E-03	1.06E-04	**1.62E-03**	1.15E-02	1.18E-04	**2.32E-03**
558721.824160392.36	558722	4160392	WRKR_725	8.86E-03	5.77E-05	**1.78E-03**	6.63E-03	8.94E-05	**1.34E-03**	8.44E-03	8.30E-05	**1.70E-03**	1.21E-02	9.19E-05	**2.44E-03**
558721.824160402.36	558722	4160402	WRKR_726	9.32E-03	6.16E-05	**1.88E-03**	6.98E-03	9.53E-05	**1.41E-03**	8.88E-03	8.85E-05	**1.79E-03**	1.27E-02	9.80E-05	**2.57E-03**
558690.094160295.24	558690	4160295	WRKR_727	4.91E-03	4.28E-05	**9.90E-04**	3.67E-03	6.62E-05	**7.48E-04**	4.68E-03	6.15E-05	**9.47E-04**	6.71E-03	6.80E-05	**1.35E-03**
558690.094160305.24	558690	4160305	WRKR_728	5.22E-03	4.33E-05	**1.05E-03**	3.91E-03	6.71E-05	**7.95E-04**	4.97E-03	6.23E-05	**1.01E-03**	7.13E-03	6.89E-05	**1.44E-03**
558690.094160315.24	558690	4160315	WRKR_729	5.56E-03	4.39E-05	**1.12E-03**	4.16E-03	6.80E-05	**8.45E-04**	5.29E-03	6.32E-05	**1.07E-03**	7.59E-03	6.99E-05	**1.53E-03**
558690.094160325.24	558690	4160325	WRKR_730	5.91E-03	4.46E-05	**1.19E-03**	4.43E-03	6.90E-05	**8.99E-04**	5.63E-03	6.41E-05	**1.14E-03**	8.08E-03	7.09E-05	**1.63E-03**
558690.094160335.24	558690	4160335	WRKR_731	6.30E-03	4.55E-05	**1.27E-03**	4.71E-03	7.05E-05	**9.57E-04**	6.00E-03	6.55E-05	**1.21E-03**	8.61E-03	7.24E-05	**1.74E-03**
558700.094160295.24	558700	4160295	WRKR_732	4.94E-03	5.17E-05	**9.98E-04**	3.70E-03	8.00E-05	**7.55E-04**	4.71E-03	7.43E-05	**9.56E-04**	6.75E-03	8.22E-05	**1.37E-03**
558700.094160305.24	558700	4160305	WRKR_733	5.26E-03	5.24E-05	**1.06E-03**	3.93E-03	8.11E-05	**8.03E-04**	5.01E-03	7.54E-05	**1.02E-03**	7.18E-03	8.34E-05	**1.45E-03**
558700.094160315.24	558700	4160315	WRKR_734	5.59E-03	5.29E-05	**1.13E-03**	4.18E-03	8.19E-05	**8.53E-04**	5.33E-03	7.61E-05	**1.08E-03**	7.64E-03	8.42E-05	**1.54E-03**
558700.094160325.24	558700	4160325	WRKR_735	5.94E-03	5.34E-05	**1.20E-03**	4.45E-03	8.27E-05	**9.06E-04**	5.66E-03	7.68E-05	**1.15E-03**	8.12E-03	8.50E-05	**1.64E-03**
558700.094160335.24	558700	4160335	WRKR_736	6.32E-03	5.42E-05	**1.28E-03**	4.73E-03	8.39E-05	**9.63E-04**	6.02E-03	7.80E-05	**1.22E-03**	8.64E-03	8.63E-05	**1.75E-03**
558710.094160295.24	558710	4160295	WRKR_737	4.98E-03	6.49E-05	**1.01E-03**	3.72E-03	1.00E-04	**7.65E-04**	4.74E-03	9.33E-05	**9.67E-04**	6.80E-03	1.03E-04	**1.38E-03**
558710.094160305.24	558710	4160305	WRKR_738	5.29E-03	6.54E-05	**1.07E-03**	3.96E-03	1.01E-04	**8.12E-04**	5.04E-03	9.41E-05	**1.03E-03**	7.23E-03	1.04E-04	**1.47E-03**
558710.094160315.24	558710	4160315	WRKR_739	5.62E-03	6.59E-05	**1.14E-03**	4.21E-03	1.02E-04	**8.62E-04**	5.36E-03	9.48E-05	**1.09E-03**	7.68E-03	1.05E-04	**1.56E-03**
558710.094160325.24	558710	4160325	WRKR_740	5.97E-03	6.65E-05	**1.21E-03**	4.47E-03	1.03E-04	**9.14E-04**	5.69E-03	9.56E-05	**1.16E-03**	8.16E-03	1.06E-04	**1.65E-03**
558710.094160335.24	558710	4160335	WRKR_741	6.34E-03	6.70E-05	**1.28E-03**	4.75E-03	1.04E-04	**9.70E-04**	6.04E-03	9.63E-05	**1.23E-03**	8.67E-03	1.07E-04	**1.76E-03**
558720.094160295.24	558720	4160295	WRKR_742	5.01E-03	5.68E-05	**1.01E-03**	3.75E-03	8.79E-05	**7.68E-04**	4.78E-03	8.17E-05	**9.72E-04**	6.85E-03	9.04E-05	**1.39E-03**
558720.094160305.24	558720	4160305	WRKR_743	5.32E-03	3.99E-05	**1.07E-03**	3.98E-03	6.17E-05	**8.09E-04**	5.07E-03	5.73E-05	**1.03E-03**	7.27E-03	6.34E-05	**1.47E-03**
558720.094160315.24	558720	4160315	WRKR_744	5.65E-03	5.76E-05	**1.14E-03**	4.23E-03	8.92E-05	**8.63E-04**	5.38E-03	8.29E-05	**1.09E-03**	7.72E-03	9.17E-05	**1.56E-03**
558720.094160325.24	558720	4160325	WRKR_745	6.00E-03	5.88E-05	**1.21E-03**	4.49E-03	9.11E-05	**9.16E-04**	5.72E-03	8.46E-05	**1.16E-03**	8.20E-03	9.36E-05	**1.66E-03**
558612.684160297.32	558613	4160297	WRKR_746	4.67E-03	1.83E-05	**9.38E-04**	3.50E-03	2.83E-05	**7.05E-04**	4.45E-03	2.62E-05	**8.95E-04**	6.38E-03	2.90E-05	**1.28E-03**
558612.684160307.32	558613	4160307	WRKR_747	4.98E-03	1.90E-05	**1.00E-03**	3.73E-03	2.94E-05	**7.51E-04**	4.75E-03	2.73E-05	**9.55E-04**	6.81E-03	3.03E-05	**1.37E-03**
558612.684160317.32	558613	4160317	WRKR_748	5.32E-03	1.99E-05	**1.07E-03**	3.98E-03	3.08E-05	**8.02E-04**	5.07E-03	2.86E-05	**1.02E-03**	7.27E-03	3.16E-05	**1.46E-03**
558612.684160327.32	558613	4160327	WRKR_749	5.69E-03	2.09E-05	**1.14E-03**	4.26E-03	3.23E-05	**8.58E-04**	5.42E-03	3.00E-05	**1.09E-03**	7.78E-03	3.32E-05	**1.56E-03**
558612.684160337.32	558613	4160337	WRKR_750	6.10E-03	2.21E-05	**1.22E-03**	4.56E-03	3.42E-05	**9.19E-04**	5.81E-03	3.18E-05	**1.17E-03**	8.33E-03	3.52E-05	**1.67E-03**
558622.684160297.32	558623	4160297	WRKR_751	4.71E-03	1.96E-05	**9.45E-04**	3.52E-03	3.04E-05	**7.11E-04**	4.48E-03	2.82E-05	**9.03E-04**	6.43E-03	3.12E-05	**1.29E-03**
558622.684160307.32	558623	4160307	WRKR_752	5.02E-03	2.04E-05	**1.01E-03**	3.76E-03	3.16E-05	**7.58E-04**	4.78E-03	2.93E-05	**9.63E-04**	6.86E-03	3.24E-05	**1.38E-03**
558622.684160317.32	558623	4160317	WRKR_753	5.36E-03	2.13E-05	**1.08E-03**	4.01E-03	3.29E-05	**8.09E-04**	5.11E-03	3.06E-05	**1.03E-03**	7.33E-03	3.38E-05	**1.47E-03**
558622.684160327.32	558623	4160327	WRKR_754	5.73E-03	2.23E-05	**1.15E-03**	4.29E-03	3.45E-05	**8.65E-04**	5.46E-03	3.20E-05	**1.10E-03**	7.84E-03	3.54E-05	**1.57E-03**
558622.684160337.32	558623	4160337	WRKR_755	6.14E-03	2.36E-05	**1.23E-03**	4.60E-03	3.65E-05	**9.26E-04**	5.85E-03	3.39E-05	**1.18E-03**	8.39E-03	3.75E-05	**1.69E-03**
558632.684160297.32	558633	4160297	WRKR_756	4.75E-03	2.12E-05	**9.54E-04**	3.55E-03	3.29E-05	**7.17E-04**	4.52E-03	3.05E-05	**9.11E-04**	6.49E-03	3.38E-05	**1.30E-03**
558632.684160307.32	558633	4160307	WRKR_757	5.06E-03	2.20E-05	**1.02E-03**	3.79E-03	3.41E-05	**7.64E-04**	4.82E-03	3.16E-05	**9.71E-04**	6.92E-03	3.50E-05	**1.39E-03**
558632.684160317.32	558633	4160317	WRKR_758	5.40E-03	2.29E-05	**1.09E-03**	4.04E-03	3.54E-05	**8.16E-04**	5.15E-03	3.29E-05	**1.04E-03**	7.39E-03	3.64E-05	**1.48E-03**
558632.684160327.32	558633	4160327	WRKR_759	5.78E-03	2.39E-05	**1.16E-03**	4.32E-03	3.70E-05	**8.72E-04**	5.50E-03	3.44E-05	**1.11E-03**	7.90E-03	3.80E-05	**1.59E-03**
558632.684160337.32	558633	4160337	WRKR_760	6.18E-03	2.52E-05	**1.24E-03**	4.63E-03	3.90E-05	**9.33E-04**	5.89E-03	3.62E-05	**1.19E-03**	8.45E-03	4.01E-05	**1.70E-03**
558642.684160297.32	558643	4160297	WRKR_761	4.80E-03	2.33E-05	**9.64E-04**	3.59E-03	3.61E-05	**7.25E-04**	4.57E-03	3.36E-05	**9.21E-04**	6.56E-03	3.71E-05	**1.32E-03**
558642.684160307.32	558643	4160307	WRKR_762	5.10E-03	2.39E-05	**1.03E-03**	3.82E-03	3.71E-05	**7.71E-04**	4.86E-03	3.44E-05	**9.79E-04**	6.97E-03	3.81E-05	**1.40E-03**
558642.684160317.32	558643	4160317	WRKR_763	5.45E-03	2.48E-05	**1.09E-03**	4.08E-03	3.84E-05	**8.23E-04**	5.19E-03	3.57E-05	**1.05E-03**	7.45E-03	3.95E-05	**1.50E-03**
558642.684160327.32	558643	4160327	WRKR_764	5.82E-03	2.58E-05	**1.17E-03**	4.36E-03	4.00E-05	**8.79E-04**	5.55E-03	3.71E-05	**1.12E-03**	7.96E-03	4.11E-05	**1.60E-03**
558642.684160337.32	558643	4160337	WRKR_765	6.23E-03	2.72E-05	**1.25E-03**	4.66E-03	4.20E-05	**9.41E-04**	5.93E-03	3.90E-05	**1.19E-03**	8.51E-03	4.32E-05	**1.71E-03**
558652.684160297.32	558653	4160297	WRKR_766	4.83E-03	2.57E-05	**9.72E-04**	3.62E-03	3.98E-05	**7.31E-04**	4.61E-03	3.70E-05	**9.28E-04**	6.61E-03	4.10E-05	**1.33E-03**
558652.684160307.32	558653	4160307	WRKR_767	5.15E-03	2.64E-05	**1.03E-03**	3.85E-03	4.08E-05	**7.78E-04**	4.90E-03	3.79E-05	**9.88E-04**	7.03E-03	4.19E-05	**1.42E-03**
558652.684160317.32	558653	4160317	WRKR_768	5.49E-03	2.72E-05	**1.10E-03**	4.11E-03	4.21E-05	**8.30E-04**	5.23E-03	3.91E-05	**1.05E-03**	7.50E-03	4.33E-05	**1.51E-03**
558652.684160327.32	558653	4160327	WRKR_769	5.86E-03	2.82E-05	**1.18E-03**	4.39E-03	4.36E-05	**8.86E-04**	5.59E-03	4.05E-05	**1.13E-03**	8.01E-03	4.48E-05	**1.61E-03**
558652.684160337.32	558653	4160337	WRKR_770	6.27E-03	2.95E-05	**1.26E-03**	4.69E-03	4.56E-05	**9.47E-04**	5.97E-03	4.24E-05	**1.20E-03**	8.57E-03	4.69E-05	**1.72E-03**
558662.684160297.32	558663	4160297	WRKR_771	4.88E-03	2.90E-05	**9.82E-04**	3.65E-03	4.49E-05	**7.39E-04**	4.65E-03	4.17E-05	**9.38E-04**	6.67E-03	4.61E-05	**1.34E-03**
558662.684160307.32	558663	4160307	WRKR_772	5.19E-03	2.95E-05	**1.04E-03**	3.89E-03	4.57E-05	**7.86E-04**	4.95E-03	4.25E-05	**9.98E-04**	7.10E-03	4.70E-05	**1.43E-03**
558662.684160317.32	558663	4160317	WRKR_773	5.53E-03	3.02E-05	**1.11E-03**	4.14E-03	4.68E-05	**8.37E-04**	5.27E-03	4.34E-05	**1.06E-03**	7.56E-03	4.81E-05	**1.52E-03**
558662.684160327.32	558663	4160327	WRKR_774	5.90E-03	3.11E-05	**1.19E-03**	4.42E-03	4.82E-05	**8.93E-04**	5.62E-03	4.47E-05	**1.13E-03**	8.06E-03	4.95E-05	**1.62E-03**
558662.684160337.32	558663	4160337	WRKR_775	6.30E-03	3.24E-05	**1.27E-03**	4.72E-03	5.01E-05	**9.53E-04**	6.01E-03	4.65E-05	**1.21E-03**	8.61E-03	5.15E-05	**1.73E-03**

Chronic Hazard Index

DPM REL (µg/m³) 5.0

				Year 1			Year 2			Year 3			Year 4		
				Project Concentrations (µg/m³)			Project Concentrations (µg/m³)			Project Concentrations (µg/m³)			Project Concentrations (µg/m³)		
XY	X	Y	Type	OFFROAD	ONROAD	CHRONIC HI	OFFROAD	ONROAD	CHRONIC HI	OFFROAD	ONRD_EX	CHRONIC HI	OFFROAD	ONRD_EX	CHRONIC HI
558672.684160297.32	558673	4160297	WRKR_776	4.91E-03	3.28E-05	**9.89E-04**	3.67E-03	5.07E-05	**7.45E-04**	4.68E-03	4.71E-05	**9.45E-04**	6.71E-03	5.21E-05	**1.35E-03**
558672.684160307.32	558673	4160307	WRKR_777	5.23E-03	3.34E-05	**1.05E-03**	3.91E-03	5.18E-05	**7.93E-04**	4.98E-03	4.81E-05	**1.01E-03**	7.15E-03	5.32E-05	**1.44E-03**
558672.684160317.32	558673	4160317	WRKR_778	5.57E-03	3.41E-05	**1.12E-03**	4.17E-03	5.29E-05	**8.45E-04**	5.31E-03	4.91E-05	**1.07E-03**	7.62E-03	5.43E-05	**1.53E-03**
558672.684160327.32	558673	4160327	WRKR_779	5.94E-03	3.49E-05	**1.19E-03**	4.44E-03	5.41E-05	**9.00E-04**	5.66E-03	5.02E-05	**1.14E-03**	8.12E-03	5.56E-05	**1.63E-03**
558672.684160337.32	558673	4160337	WRKR_780	6.34E-03	3.61E-05	**1.27E-03**	4.74E-03	5.59E-05	**9.59E-04**	6.04E-03	5.19E-05	**1.22E-03**	8.66E-03	5.74E-05	**1.74E-03**
558543.584160290.65	558544	4160291	WRKR_781	4.39E-03	1.22E-05	**8.81E-04**	3.29E-03	1.90E-05	**6.61E-04**	4.18E-03	1.76E-05	**8.40E-04**	6.00E-03	1.95E-05	**1.20E-03**
558553.584160300.65	558554	4160301	WRKR_782	4.67E-03	1.35E-05	**9.36E-04**	3.49E-03	2.08E-05	**7.03E-04**	4.45E-03	1.93E-05	**8.94E-04**	6.38E-03	2.14E-05	**1.28E-03**
558553.584160310.65	558554	4160311	WRKR_783	4.97E-03	1.41E-05	**9.96E-04**	3.72E-03	2.18E-05	**7.48E-04**	4.73E-03	2.03E-05	**9.51E-04**	6.79E-03	2.24E-05	**1.36E-03**
558553.584160320.65	558554	4160321	WRKR_784	5.30E-03	1.48E-05	**1.06E-03**	3.96E-03	2.29E-05	**7.98E-04**	5.05E-03	2.13E-05	**1.01E-03**	7.24E-03	2.35E-05	**1.45E-03**
558553.584160330.65	558554	4160331	WRKR_785	5.66E-03	1.56E-05	**1.14E-03**	4.24E-03	2.41E-05	**8.52E-04**	5.40E-03	2.24E-05	**1.08E-03**	7.74E-03	2.48E-05	**1.55E-03**
558563.584160300.65	558564	4160301	WRKR_786	4.68E-03	1.42E-05	**9.40E-04**	3.51E-03	2.20E-05	**7.06E-04**	4.46E-03	2.04E-05	**8.97E-04**	6.40E-03	2.26E-05	**1.29E-03**
558563.584160310.65	558564	4160311	WRKR_787	4.99E-03	1.49E-05	**1.00E-03**	3.73E-03	2.30E-05	**7.51E-04**	4.75E-03	2.14E-05	**9.55E-04**	6.82E-03	2.37E-05	**1.37E-03**
558563.584160320.65	558564	4160321	WRKR_788	5.32E-03	1.56E-05	**1.07E-03**	3.98E-03	2.42E-05	**8.02E-04**	5.07E-03	2.25E-05	**1.02E-03**	7.28E-03	2.49E-05	**1.46E-03**
558563.584160330.65	558564	4160331	WRKR_789	5.69E-03	1.65E-05	**1.14E-03**	4.26E-03	2.55E-05	**8.57E-04**	5.42E-03	2.37E-05	**1.09E-03**	7.78E-03	2.62E-05	**1.56E-03**
558573.584160300.65	558574	4160301	WRKR_790	4.71E-03	1.50E-05	**9.44E-04**	3.52E-03	2.32E-05	**7.09E-04**	4.48E-03	2.15E-05	**9.01E-04**	6.43E-03	2.38E-05	**1.29E-03**
558573.584160310.65	558574	4160311	WRKR_791	5.01E-03	1.57E-05	**1.01E-03**	3.75E-03	2.43E-05	**7.55E-04**	4.78E-03	2.26E-05	**9.60E-04**	6.85E-03	2.50E-05	**1.38E-03**
558573.584160320.65	558574	4160321	WRKR_792	5.35E-03	1.65E-05	**1.07E-03**	4.01E-03	2.56E-05	**8.06E-04**	5.10E-03	2.38E-05	**1.02E-03**	7.32E-03	2.63E-05	**1.47E-03**
558573.584160330.65	558574	4160331	WRKR_793	5.73E-03	1.74E-05	**1.15E-03**	4.29E-03	2.70E-05	**8.62E-04**	5.46E-03	2.51E-05	**1.10E-03**	7.83E-03	2.77E-05	**1.57E-03**
558583.584160300.65	558584	4160301	WRKR_794	4.73E-03	1.59E-05	**9.49E-04**	3.54E-03	2.45E-05	**7.13E-04**	4.51E-03	2.28E-05	**9.06E-04**	6.47E-03	2.52E-05	**1.30E-03**
558583.584160310.65	558584	4160311	WRKR_795	5.04E-03	1.66E-05	**1.01E-03**	3.77E-03	2.57E-05	**7.60E-04**	4.81E-03	2.39E-05	**9.66E-04**	6.89E-03	2.64E-05	**1.38E-03**
558583.584160320.65	558584	4160321	WRKR_796	5.39E-03	1.75E-05	**1.08E-03**	4.03E-03	2.71E-05	**8.12E-04**	5.13E-03	2.51E-05	**1.03E-03**	7.36E-03	2.78E-05	**1.48E-03**
558583.584160330.65	558584	4160331	WRKR_797	5.76E-03	1.85E-05	**1.16E-03**	4.31E-03	2.86E-05	**8.68E-04**	5.49E-03	2.65E-05	**1.10E-03**	7.88E-03	2.94E-05	**1.58E-03**
558593.584160330.65	558594	4160331	WRKR_798	5.80E-03	1.96E-05	**1.16E-03**	4.34E-03	3.03E-05	**8.75E-04**	5.53E-03	2.82E-05	**1.11E-03**	7.93E-03	3.12E-05	**1.59E-03**
558455.354160303.56	558455	4160304	WRKR_799	4.97E-03	8.25E-06	**9.96E-04**	3.72E-03	1.28E-05	**7.47E-04**	4.74E-03	1.19E-05	**9.50E-04**	6.80E-03	1.31E-05	**1.36E-03**
558455.354160313.56	558455	4160314	WRKR_800	5.25E-03	8.53E-06	**1.05E-03**	3.93E-03	1.32E-05	**7.88E-04**	5.00E-03	1.23E-05	**1.00E-03**	7.17E-03	1.36E-05	**1.44E-03**
558455.354160323.56	558455	4160324	WRKR_801	5.55E-03	8.84E-06	**1.11E-03**	4.15E-03	1.37E-05	**8.33E-04**	5.28E-03	1.27E-05	**1.06E-03**	7.58E-03	1.41E-05	**1.52E-03**
558455.354160333.56	558455	4160334	WRKR_802	5.88E-03	9.16E-06	**1.18E-03**	4.40E-03	1.42E-05	**8.83E-04**	5.60E-03	1.32E-05	**1.12E-03**	8.03E-03	1.46E-05	**1.61E-03**
558455.354160343.56	558455	4160344	WRKR_803	6.25E-03	9.50E-06	**1.25E-03**	4.68E-03	1.47E-05	**9.38E-04**	5.95E-03	1.37E-05	**1.19E-03**	8.54E-03	1.51E-05	**1.71E-03**
558465.354160303.56	558465	4160304	WRKR_804	4.91E-03	8.65E-06	**9.84E-04**	3.68E-03	1.34E-05	**7.38E-04**	4.68E-03	1.24E-05	**9.39E-04**	6.71E-03	1.38E-05	**1.35E-03**
558465.354160313.56	558465	4160314	WRKR_805	5.19E-03	8.96E-06	**1.04E-03**	3.88E-03	1.39E-05	**7.79E-04**	4.94E-03	1.29E-05	**9.91E-04**	7.09E-03	1.43E-05	**1.42E-03**
558465.354160323.56	558465	4160324	WRKR_806	5.49E-03	9.29E-06	**1.10E-03**	4.11E-03	1.44E-05	**8.24E-04**	5.23E-03	1.34E-05	**1.05E-03**	7.50E-03	1.48E-05	**1.50E-03**
558465.354160333.56	558465	4160334	WRKR_807	5.82E-03	9.63E-06	**1.17E-03**	4.36E-03	1.49E-05	**8.74E-04**	5.55E-03	1.38E-05	**1.11E-03**	7.96E-03	1.53E-05	**1.59E-03**
558465.354160343.56	558465	4160344	WRKR_808	6.19E-03	1.00E-05	**1.24E-03**	4.64E-03	1.55E-05	**9.30E-04**	5.90E-03	1.44E-05	**1.18E-03**	8.47E-03	1.59E-05	**1.70E-03**
558475.354160303.56	558475	4160304	WRKR_809	4.86E-03	9.06E-06	**9.74E-04**	3.64E-03	1.40E-05	**7.30E-04**	4.63E-03	1.30E-05	**9.29E-04**	6.64E-03	1.44E-05	**1.33E-03**
558475.354160313.56	558475	4160314	WRKR_810	5.14E-03	9.40E-06	**1.03E-03**	3.84E-03	1.46E-05	**7.72E-04**	4.89E-03	1.35E-05	**9.81E-04**	7.02E-03	1.50E-05	**1.41E-03**
558475.354160323.56	558475	4160324	WRKR_811	5.44E-03	9.77E-06	**1.09E-03**	4.07E-03	1.51E-05	**8.17E-04**	5.18E-03	1.40E-05	**1.04E-03**	7.44E-03	1.55E-05	**1.49E-03**
558475.354160333.56	558475	4160334	WRKR_812	5.78E-03	1.02E-05	**1.16E-03**	4.32E-03	1.57E-05	**8.68E-04**	5.51E-03	1.46E-05	**1.10E-03**	7.90E-03	1.62E-05	**1.58E-03**
558475.354160343.56	558475	4160344	WRKR_813	6.16E-03	1.06E-05	**1.23E-03**	4.61E-03	1.63E-05	**9.24E-04**	5.86E-03	1.52E-05	**1.18E-03**	8.41E-03	1.68E-05	**1.69E-03**
558485.354160303.56	558485	4160304	WRKR_814	4.82E-03	9.53E-06	**9.66E-04**	3.61E-03	1.47E-05	**7.24E-04**	4.59E-03	1.37E-05	**9.21E-04**	6.59E-03	1.52E-05	**1.32E-03**
558485.354160313.56	558485	4160314	WRKR_815	5.09E-03	9.86E-06	**1.02E-03**	3.81E-03	1.53E-05	**7.65E-04**	4.85E-03	1.42E-05	**9.74E-04**	6.96E-03	1.57E-05	**1.40E-03**
558485.354160323.56	558485	4160324	WRKR_816	5.41E-03	1.03E-05	**1.08E-03**	4.04E-03	1.59E-05	**8.12E-04**	5.15E-03	1.48E-05	**1.03E-03**	7.39E-03	1.64E-05	**1.48E-03**
558485.354160333.56	558485	4160334	WRKR_817	5.75E-03	1.07E-05	**1.15E-03**	4.30E-03	1.66E-05	**8.63E-04**	5.48E-03	1.54E-05	**1.10E-03**	7.86E-03	1.70E-05	**1.57E-03**
558485.354160343.56	558485	4160344	WRKR_818	6.13E-03	1.12E-05	**1.23E-03**	4.59E-03	1.73E-05	**9.20E-04**	5.84E-03	1.60E-05	**1.17E-03**	8.37E-03	1.77E-05	**1.68E-03**
558495.354160303.56	558495	4160304	WRKR_819	4.79E-03	1.00E-05	**9.59E-04**	3.58E-03	1.55E-05	**7.19E-04**	4.56E-03	1.44E-05	**9.15E-04**	6.54E-03	1.60E-05	**1.31E-03**
558495.354160313.56	558495	4160314	WRKR_820	5.07E-03	1.04E-05	**1.02E-03**	3.79E-03	1.61E-05	**7.62E-04**	4.83E-03	1.50E-05	**9.69E-04**	6.93E-03	1.66E-05	**1.39E-03**
558495.354160323.56	558495	4160324	WRKR_821	5.38E-03	1.09E-05	**1.08E-03**	4.03E-03	1.68E-05	**8.09E-04**	5.13E-03	1.56E-05	**1.03E-03**	7.35E-03	1.73E-05	**1.47E-03**
558495.354160333.56	558495	4160334	WRKR_822	5.73E-03	1.13E-05	**1.15E-03**	4.28E-03	1.75E-05	**8.60E-04**	5.46E-03	1.62E-05	**1.09E-03**	7.83E-03	1.80E-05	**1.57E-03**
558495.354160343.56	558495	4160344	WRKR_823	6.11E-03	1.18E-05	**1.22E-03**	4.57E-03	1.83E-05	**9.18E-04**	5.82E-03	1.70E-05	**1.17E-03**	8.35E-03	1.88E-05	**1.67E-03**
558505.354160303.56	558505	4160304	WRKR_824	4.76E-03	1.06E-05	**9.54E-04**	3.56E-03	1.63E-05	**7.16E-04**	4.54E-03	1.52E-05	**9.10E-04**	6.51E-03	1.68E-05	**1.30E-03**
558505.354160313.56	558505	4160314	WRKR_825	5.05E-03	1.10E-05	**1.01E-03**	3.78E-03	1.70E-05	**7.59E-04**	4.81E-03	1.58E-05	**9.65E-04**	6.90E-03	1.75E-05	**1.38E-03**
558505.354160323.56	558505	4160324	WRKR_826	5.36E-03	1.15E-05	**1.08E-03**	4.01E-03	1.77E-05	**8.06E-04**	5.11E-03	1.65E-05	**1.03E-03**	7.33E-03	1.82E-05	**1.47E-03**
558505.354160333.56	558505	4160334	WRKR_827	5.71E-03	1.20E-05	**1.15E-03**	4.28E-03	1.85E-05	**8.59E-04**	5.44E-03	1.72E-05	**1.09E-03**	7.81E-03	1.90E-05	**1.57E-03**
558515.354160303.56	558515	4160304	WRKR_828	4.75E-03	1.11E-05	**9.51E-04**	3.55E-03	1.72E-05	**7.14E-04**	4.52E-03	1.60E-05	**9.08E-04**	6.49E-03	1.77E-05	**1.30E-03**
558515.354160313.56	558515	4160314	WRKR_829	5.04E-03	1.16E-05	**1.01E-03**	3.77E-03	1.80E-05	**7.57E-04**	4.80E-03	1.67E-05	**9.63E-04**	6.88E-03	1.85E-05	**1.38E-03**
558515.354160323.56	558515	4160324	WRKR_830	5.36E-03	1.21E-05	**1.07E-03**	4.01E-03	1.87E-05	**8.05E-04**	5.10E-03	1.74E-05	**1.02E-03**	7.32E-03	1.93E-05	**1.47E-03**
558515.354160333.56	558515	4160334	WRKR_831	5.71E-03	1.27E-05	**1.15E-03**	4.27E-03	1.96E-05	**8.59E-04**	5.44E-03	1.82E-05	**1.09E-03**	7.81E-03	2.02E-05	**1.57E-03**
558525.354160303.56	558525	4160304	WRKR_832	4.74E-03	1.17E-05	**9.50E-04**	3.55E-03	1.82E-05	**7.13E-04**	4.51E-03	1.69E-05	**9.06E-04**	6.48E-03	1.87E-05	**1.30E-03**
558525.354160313.56	558525	4160314	WRKR_833	5.03E-03	1.23E-05	**1.01E-03**	3.77E-03	1.90E-05	**7.57E-04**	4.79E-03	1.76E-05	**9.62E-04**	6.88E-03	1.95E-05	**1.38E-03**
558525.354160323.56	558525	4160324	WRKR_834	5.36E-03	1.28E-05	**1.07E-03**	4.01E-03	1.98E-05	**8.06E-04**	5.11E-03	1.84E-05	**1.02E-03**	7.32E-03	2.04E-05	**1.47E-03**
558525.354160333.56	558525	4160334	WRKR_835	5.72E-03	1.34E-05	**1.15E-03**	4.28E-03	2.08E-05	**8.60E-04**	5.45E-03	1.93E-05	**1.09E-03**	7.82E-03	2.14E-05	**1.57E-03**
558535.354160303.56	558535	4160304	WRKR_836	4.74E-03	1.24E-05	**9.50E-04**	3.54E-03	1.91E-05	**7.13E-04**	4.51E-03	1.78E-05	**9.06E-04**	6.47E-03	1.97E-05	**1.30E-03**
558535.354160313.56	558535	4160314	WRKR_837	5.04E-03	1.29E-05	**1.01E-03**	3.77E-03	2.00E-05	**7.58E-04**	4.80E-03	1.86E-05	**9.63E-04**	6.88E-03	2.06E-05	**1.38E-03**
558535.354160323.56	558535	4160324	WRKR_838	5.37E-03	1.36E-05	**1.08E-03**	4.02E-03	2.10E-05	**8.07E-04**	5.11E-03	1.95E-05	**1.03E-03**	7.34E-03	2.16E-05	**1.47E-03**
558535.354160333.56	558535	4160334	WRKR_839	5.73E-03	1.42E-05	**1.15E-03**	4.29E-03	2.20E-05	**8.62E-04**	5.46E-03	2.04E-05	**1.10E-03**	7.84E-03	2.26E-05	**1.57E-03**
558616.674160229.97	558617	4160230	WRKR_840	3.21E-03	1.50E-05	**6.44E-04**	2.40E-03	2.32E-05	**4.84E-04**	3.05E-03	2.15E-05	**6.15E-04**	4.38E-03	2.38E-05	**8.81E-04**
558616.674160239.97	558617	4160240	WRKR_841	3.38E-03	1.56E-05	**6.79E-04**	2.53E-03	2.41E-05	**5.11E-04**	3.22E-03	2.24E-05	**6.49E-04**	4.62E-03	2.48E-05	**9.29E-04**
558616.674160249.97	558617	4160250	WRKR_842	3.57E-03	1.62E-05	**7.17E-04**	2.67E-03	2.51E-05	**5.39E-04**	3.40E-03	2.33E-05	**6.85E-04**	4.88E-03	2.58E-05	**9.81E-04**
558626.674160229.97	558627	4160230	WRKR_843	3.22E-03	1.63E-05	**6.47E-04**	2.41E-03	2.52E-05	**4.87E-04**	3.07E-03	2.34E-05	**6.18E-04**	4.40E-03	2.59E-05	**8.86E-04**
558626.674160239.97	558627	4160240	WRKR_844	3.40E-03	1.70E-05	**6.83E-04**	2.54E-03	2.63E-05	**5.14E-04**	3.24E-03	2.44E-05	**6.52E-04**	4.64E-03	2.70E-05	**9.34E-04**
558626.674160249.97	558627	4160250	WRKR_845	3.59E-03	1.77E-05	**7.22E-04**	2.69E-03	2.73E-05	**5.43E-04**	3.42E-03	2.54E-05	**6.90E-04**	4.91E-03	2.81E-05	**9.88E-04**
558636.674160229.97	558637	4160230	WRKR_846	3.24E-03	1.79E-05	**6.51E-04**	2.42E-03	2.77E-05	**4.90E-04**	3.09E-03	2.57E-05	**6.22E-04**	4.43E-03	2.85E-05	**8.91E-04**
558636.674160239.97	558637	4160240	WRKR_847	3.42E-03	1.86E-05	**6.88E-04**	2.56E-03	2.89E-05	**5.18E-04**	3.26E-03	2.68E-05	**6.57E-04**	4.67E-03	2.97E-05	**9.41E-04**

Chronic Hazard Index

DPM REL (µg/m³) 5.0

				Year 1			Year 2			Year 3			Year 4		
				Project Concentrations (µg/m³)			Project Concentrations (µg/m³)			Project Concentrations (µg/m³)			Project Concentrations (µg/m³)		
XY	X	Y	Type	OFFROAD	ONROAD	CHRONIC HI	OFFROAD	ONROAD	CHRONIC HI	OFFROAD	ONRD_EX	CHRONIC HI	OFFROAD	ONRD_EX	CHRONIC HI
558636.674160249.97	558637	4160250	WRKR_848	3.62E-03	1.94E-05	**7.27E-04**	2.71E-03	3.00E-05	**5.47E-04**	3.45E-03	2.79E-05	**6.95E-04**	4.94E-03	3.08E-05	**9.95E-04**
558646.674160229.97	558647	4160230	WRKR_849	3.26E-03	1.98E-05	**6.56E-04**	2.44E-03	3.07E-05	**4.94E-04**	3.11E-03	2.85E-05	**6.27E-04**	4.45E-03	3.16E-05	**8.97E-04**
558646.674160239.97	558647	4160240	WRKR_850	3.44E-03	2.07E-05	**6.93E-04**	2.58E-03	3.20E-05	**5.22E-04**	3.28E-03	2.98E-05	**6.62E-04**	4.71E-03	3.29E-05	**9.48E-04**
558646.674160249.97	558647	4160250	WRKR_851	3.64E-03	2.15E-05	**7.33E-04**	2.73E-03	3.33E-05	**5.52E-04**	3.47E-03	3.10E-05	**7.01E-04**	4.98E-03	3.43E-05	**1.00E-03**
558656.674160229.97	558657	4160230	WRKR_852	3.28E-03	2.23E-05	**6.61E-04**	2.46E-03	3.45E-05	**4.98E-04**	3.13E-03	3.21E-05	**6.32E-04**	4.49E-03	3.55E-05	**9.04E-04**
558656.674160239.97	558657	4160240	WRKR_853	3.47E-03	2.33E-05	**6.98E-04**	2.60E-03	3.60E-05	**5.26E-04**	3.31E-03	3.35E-05	**6.68E-04**	4.74E-03	3.70E-05	**9.56E-04**
558666.674160229.97	558667	4160230	WRKR_854	3.31E-03	2.54E-05	**6.67E-04**	2.47E-03	3.93E-05	**5.03E-04**	3.15E-03	3.65E-05	**6.38E-04**	4.52E-03	4.04E-05	**9.12E-04**
558666.674160239.97	558667	4160240	WRKR_855	3.50E-03	2.66E-05	**7.05E-04**	2.62E-03	4.11E-05	**5.32E-04**	3.33E-03	3.82E-05	**6.74E-04**	4.78E-03	4.23E-05	**9.64E-04**
558676.674160229.97	558677	4160230	WRKR_856	3.33E-03	2.94E-05	**6.73E-04**	2.50E-03	4.55E-05	**5.08E-04**	3.18E-03	4.23E-05	**6.44E-04**	4.56E-03	4.68E-05	**9.21E-04**
558676.674160239.97	558677	4160240	WRKR_857	3.53E-03	3.09E-05	**7.12E-04**	2.64E-03	4.78E-05	**5.37E-04**	3.36E-03	4.44E-05	**6.81E-04**	4.82E-03	4.91E-05	**9.74E-04**
558686.674160229.97	558687	4160230	WRKR_858	3.36E-03	3.47E-05	**6.80E-04**	2.52E-03	5.37E-05	**5.14E-04**	3.20E-03	4.99E-05	**6.51E-04**	4.60E-03	5.52E-05	**9.30E-04**
558686.674160239.97	558687	4160240	WRKR_859	3.56E-03	3.65E-05	**7.19E-04**	2.66E-03	5.65E-05	**5.44E-04**	3.39E-03	5.25E-05	**6.88E-04**	4.86E-03	5.81E-05	**9.84E-04**
558696.674160229.97	558697	4160230	WRKR_860	3.39E-03	4.17E-05	**6.87E-04**	2.54E-03	6.46E-05	**5.21E-04**	3.23E-03	6.00E-05	**6.59E-04**	4.64E-03	6.64E-05	**9.41E-04**
558696.674160239.97	558697	4160240	WRKR_861	3.59E-03	4.42E-05	**7.27E-04**	2.69E-03	6.84E-05	**5.51E-04**	3.42E-03	6.35E-05	**6.97E-04**	4.91E-03	7.03E-05	**9.95E-04**
558706.674160229.97	558707	4160230	WRKR_862	3.42E-03	5.14E-05	**6.95E-04**	2.56E-03	7.95E-05	**5.28E-04**	3.26E-03	7.39E-05	**6.67E-04**	4.68E-03	8.17E-05	**9.52E-04**
558706.674160239.97	558707	4160240	WRKR_863	3.62E-03	5.47E-05	**7.36E-04**	2.71E-03	8.47E-05	**5.59E-04**	3.45E-03	7.87E-05	**7.06E-04**	4.95E-03	8.71E-05	**1.01E-03**
558716.674160229.97	558717	4160230	WRKR_864	3.46E-03	6.48E-05	**7.04E-04**	2.59E-03	1.00E-04	**5.37E-04**	3.29E-03	9.32E-05	**6.77E-04**	4.72E-03	1.03E-04	**9.65E-04**
558716.674160239.97	558717	4160240	WRKR_865	3.66E-03	5.04E-05	**7.41E-04**	2.74E-03	7.81E-05	**5.63E-04**	3.48E-03	7.25E-05	**7.11E-04**	5.00E-03	8.02E-05	**1.02E-03**
558420.214160235.8	558420	4160236	WRKR_866	3.90E-03	5.73E-06	**7.82E-04**	2.92E-03	8.87E-06	**5.86E-04**	3.72E-03	8.24E-06	**7.46E-04**	5.34E-03	9.11E-06	**1.07E-03**
558420.214160245.8	558420	4160246	WRKR_867	4.07E-03	5.90E-06	**8.14E-04**	3.04E-03	9.14E-06	**6.10E-04**	3.87E-03	8.49E-06	**7.77E-04**	5.56E-03	9.39E-06	**1.11E-03**
558420.214160255.8	558420	4160256	WRKR_868	4.24E-03	6.08E-06	**8.49E-04**	3.17E-03	9.42E-06	**6.36E-04**	4.04E-03	8.75E-06	**8.10E-04**	5.79E-03	9.68E-06	**1.16E-03**
558430.214160235.8	558430	4160236	WRKR_869	3.82E-03	5.95E-06	**7.66E-04**	2.86E-03	9.22E-06	**5.74E-04**	3.64E-03	8.56E-06	**7.30E-04**	5.23E-03	9.47E-06	**1.05E-03**
558430.214160245.8	558430	4160246	WRKR_870	3.98E-03	6.14E-06	**7.98E-04**	2.98E-03	9.50E-06	**5.98E-04**	3.79E-03	8.82E-06	**7.60E-04**	5.44E-03	9.76E-06	**1.09E-03**
558430.214160255.8	558430	4160256	WRKR_871	4.15E-03	6.33E-06	**8.31E-04**	3.11E-03	9.80E-06	**6.23E-04**	3.96E-03	9.10E-06	**7.93E-04**	5.67E-03	1.01E-05	**1.14E-03**
558440.214160235.8	558440	4160236	WRKR_872	3.75E-03	6.20E-06	**7.51E-04**	2.80E-03	9.59E-06	**5.63E-04**	3.57E-03	8.91E-06	**7.16E-04**	5.12E-03	9.86E-06	**1.03E-03**
558440.214160245.8	558440	4160246	WRKR_873	3.90E-03	6.39E-06	**7.82E-04**	2.92E-03	9.89E-06	**5.86E-04**	3.72E-03	9.19E-06	**7.46E-04**	5.34E-03	1.02E-05	**1.07E-03**
558440.214160255.8	558440	4160256	WRKR_874	4.07E-03	6.59E-06	**8.16E-04**	3.05E-03	1.02E-05	**6.11E-04**	3.88E-03	9.48E-06	**7.78E-04**	5.56E-03	1.05E-05	**1.11E-03**
558450.214160235.8	558450	4160236	WRKR_875	3.68E-03	6.44E-06	**7.37E-04**	2.75E-03	9.97E-06	**5.53E-04**	3.51E-03	9.26E-06	**7.03E-04**	5.03E-03	1.02E-05	**1.01E-03**
558450.214160245.8	558450	4160246	WRKR_876	3.83E-03	6.64E-06	**7.68E-04**	2.87E-03	1.03E-05	**5.76E-04**	3.65E-03	9.55E-06	**7.32E-04**	5.24E-03	1.06E-05	**1.05E-03**
558450.214160255.8	558450	4160256	WRKR_877	4.00E-03	6.86E-06	**8.01E-04**	2.99E-03	1.06E-05	**6.01E-04**	3.81E-03	9.86E-06	**7.64E-04**	5.46E-03	1.09E-05	**1.10E-03**
558460.214160235.8	558460	4160236	WRKR_878	3.62E-03	6.69E-06	**7.24E-04**	2.71E-03	1.04E-05	**5.43E-04**	3.44E-03	9.62E-06	**6.91E-04**	4.94E-03	1.06E-05	**9.90E-04**
558460.214160245.8	558460	4160246	WRKR_879	3.77E-03	6.91E-06	**7.55E-04**	2.82E-03	1.07E-05	**5.66E-04**	3.59E-03	9.94E-06	**7.20E-04**	5.15E-03	1.10E-05	**1.03E-03**
558460.214160255.8	558460	4160256	WRKR_880	3.93E-03	7.15E-06	**7.88E-04**	2.94E-03	1.11E-05	**5.91E-04**	3.75E-03	1.03E-05	**7.52E-04**	5.38E-03	1.14E-05	**1.08E-03**
558470.214160235.8	558470	4160236	WRKR_881	3.56E-03	6.97E-06	**7.13E-04**	2.66E-03	1.08E-05	**5.35E-04**	3.39E-03	1.00E-05	**6.80E-04**	4.86E-03	1.11E-05	**9.75E-04**
558470.214160245.8	558470	4160246	WRKR_882	3.71E-03	7.21E-06	**7.43E-04**	2.78E-03	1.12E-05	**5.57E-04**	3.53E-03	1.04E-05	**7.09E-04**	5.07E-03	1.15E-05	**1.02E-03**
558470.214160255.8	558470	4160256	WRKR_883	3.87E-03	7.47E-06	**7.76E-04**	2.90E-03	1.16E-05	**5.82E-04**	3.69E-03	1.07E-05	**7.40E-04**	5.29E-03	1.19E-05	**1.06E-03**
558480.214160235.8	558480	4160236	WRKR_884	3.51E-03	7.28E-06	**7.03E-04**	2.62E-03	1.13E-05	**5.27E-04**	3.34E-03	1.05E-05	**6.70E-04**	4.79E-03	1.16E-05	**9.60E-04**
558480.214160245.8	558480	4160246	WRKR_885	3.66E-03	7.53E-06	**7.33E-04**	2.74E-03	1.17E-05	**5.50E-04**	3.48E-03	1.08E-05	**6.99E-04**	5.00E-03	1.20E-05	**1.00E-03**
558480.214160255.8	558480	4160256	WRKR_886	3.82E-03	7.81E-06	**7.66E-04**	2.86E-03	1.21E-05	**5.74E-04**	3.64E-03	1.12E-05	**7.31E-04**	5.22E-03	1.24E-05	**1.05E-03**
558490.214160235.8	558490	4160236	WRKR_887	3.46E-03	7.60E-06	**6.93E-04**	2.59E-03	1.18E-05	**5.20E-04**	3.29E-03	1.09E-05	**6.61E-04**	4.73E-03	1.21E-05	**9.48E-04**
558490.214160245.8	558490	4160246	WRKR_888	3.61E-03	7.86E-06	**7.23E-04**	2.70E-03	1.22E-05	**5.42E-04**	3.44E-03	1.13E-05	**6.89E-04**	4.93E-03	1.25E-05	**9.88E-04**
558490.214160255.8	558490	4160256	WRKR_889	3.78E-03	8.16E-06	**7.57E-04**	2.83E-03	1.26E-05	**5.68E-04**	3.60E-03	1.17E-05	**7.22E-04**	5.16E-03	1.30E-05	**1.03E-03**
558500.214160235.8	558500	4160236	WRKR_890	3.42E-03	7.96E-06	**6.85E-04**	2.56E-03	1.23E-05	**5.14E-04**	3.26E-03	1.14E-05	**6.54E-04**	4.67E-03	1.27E-05	**9.37E-04**
558500.214160245.8	558500	4160246	WRKR_891	3.57E-03	8.24E-06	**7.16E-04**	2.67E-03	1.28E-05	**5.37E-04**	3.40E-03	1.19E-05	**6.83E-04**	4.88E-03	1.31E-05	**9.79E-04**
558500.214160255.8	558500	4160256	WRKR_892	3.74E-03	8.56E-06	**7.49E-04**	2.80E-03	1.32E-05	**5.62E-04**	3.56E-03	1.23E-05	**7.15E-04**	5.11E-03	1.36E-05	**1.02E-03**
558510.214160235.8	558510	4160236	WRKR_893	3.38E-03	8.34E-06	**6.78E-04**	2.53E-03	1.29E-05	**5.09E-04**	3.22E-03	1.20E-05	**6.47E-04**	4.62E-03	1.33E-05	**9.27E-04**
558510.214160245.8	558510	4160246	WRKR_894	3.54E-03	8.65E-06	**7.09E-04**	2.65E-03	1.34E-05	**5.32E-04**	3.37E-03	1.24E-05	**6.76E-04**	4.83E-03	1.38E-05	**9.69E-04**
558510.214160255.8	558510	4160256	WRKR_895	3.70E-03	8.99E-06	**7.43E-04**	2.77E-03	1.39E-05	**5.57E-04**	3.53E-03	1.29E-05	**7.08E-04**	5.06E-03	1.43E-05	**1.02E-03**
558520.214160235.8	558520	4160236	WRKR_896	3.35E-03	8.73E-06	**6.72E-04**	2.51E-03	1.35E-05	**5.04E-04**	3.19E-03	1.26E-05	**6.41E-04**	4.58E-03	1.39E-05	**9.19E-04**
558520.214160245.8	558520	4160246	WRKR_897	3.51E-03	9.07E-06	**7.03E-04**	2.62E-03	1.40E-05	**5.28E-04**	3.34E-03	1.30E-05	**6.71E-04**	4.79E-03	1.44E-05	**9.62E-04**
558520.214160255.8	558520	4160256	WRKR_898	3.68E-03	9.43E-06	**7.37E-04**	2.75E-03	1.46E-05	**5.53E-04**	3.50E-03	1.36E-05	**7.03E-04**	5.03E-03	1.50E-05	**1.01E-03**
558530.214160235.8	558530	4160236	WRKR_899	3.33E-03	9.15E-06	**6.67E-04**	2.49E-03	1.42E-05	**5.01E-04**	3.17E-03	1.32E-05	**6.37E-04**	4.55E-03	1.46E-05	**9.12E-04**
558530.214160245.8	558530	4160246	WRKR_900	3.48E-03	9.49E-06	**6.99E-04**	2.61E-03	1.47E-05	**5.24E-04**	3.32E-03	1.36E-05	**6.67E-04**	4.76E-03	1.51E-05	**9.55E-04**
558530.214160255.8	558530	4160256	WRKR_901	3.66E-03	9.89E-06	**7.33E-04**	2.74E-03	1.53E-05	**5.50E-04**	3.48E-03	1.42E-05	**7.00E-04**	5.00E-03	1.57E-05	**1.00E-03**
558540.214160235.8	558540	4160236	WRKR_902	3.31E-03	9.60E-06	**6.63E-04**	2.47E-03	1.49E-05	**4.98E-04**	3.15E-03	1.38E-05	**6.33E-04**	4.52E-03	1.53E-05	**9.07E-04**
558540.214160245.8	558540	4160246	WRKR_903	3.47E-03	9.97E-06	**6.95E-04**	2.59E-03	1.54E-05	**5.22E-04**	3.30E-03	1.43E-05	**6.63E-04**	4.74E-03	1.59E-05	**9.51E-04**
558540.214160255.8	558540	4160256	WRKR_904	3.64E-03	1.04E-05	**7.30E-04**	2.72E-03	1.61E-05	**5.48E-04**	3.47E-03	1.49E-05	**6.97E-04**	4.98E-03	1.65E-05	**9.99E-04**
558550.214160235.8	558550	4160236	WRKR_905	3.29E-03	1.01E-05	**6.60E-04**	2.46E-03	1.56E-05	**4.96E-04**	3.14E-03	1.45E-05	**6.30E-04**	4.50E-03	1.61E-05	**9.03E-04**
558550.214160245.8	558550	4160246	WRKR_906	3.45E-03	1.05E-05	**6.93E-04**	2.58E-03	1.62E-05	**5.20E-04**	3.29E-03	1.51E-05	**6.61E-04**	4.72E-03	1.67E-05	**9.47E-04**
558550.214160255.8	558550	4160256	WRKR_907	3.63E-03	1.09E-05	**7.28E-04**	2.72E-03	1.69E-05	**5.47E-04**	3.46E-03	1.57E-05	**6.95E-04**	4.96E-03	1.74E-05	**9.96E-04**
558560.214160235.8	558560	4160236	WRKR_908	3.28E-03	1.07E-05	**6.58E-04**	2.46E-03	1.65E-05	**4.94E-04**	3.13E-03	1.53E-05	**6.28E-04**	4.49E-03	1.69E-05	**9.00E-04**
558560.214160245.8	558560	4160246	WRKR_909	3.45E-03	1.11E-05	**6.91E-04**	2.58E-03	1.72E-05	**5.19E-04**	3.28E-03	1.60E-05	**6.60E-04**	4.71E-03	1.77E-05	**9.46E-04**
558560.214160255.8	558560	4160256	WRKR_910	3.63E-03	1.16E-05	**7.28E-04**	2.71E-03	1.79E-05	**5.46E-04**	3.46E-03	1.67E-05	**6.94E-04**	4.96E-03	1.84E-05	**9.95E-04**
558570.214160235.8	558570	4160236	WRKR_911	3.28E-03	1.12E-05	**6.57E-04**	2.45E-03	1.74E-05	**4.94E-04**	3.12E-03	1.61E-05	**6.27E-04**	4.48E-03	1.78E-05	**8.99E-04**
558570.214160245.8	558570	4160246	WRKR_912	3.44E-03	1.17E-05	**6.91E-04**	2.58E-03	1.80E-05	**5.19E-04**	3.28E-03	1.68E-05	**6.60E-04**	4.71E-03	1.85E-05	**9.45E-04**
558570.214160255.8	558570	4160256	WRKR_913	3.63E-03	1.22E-05	**7.28E-04**	2.71E-03	1.88E-05	**5.47E-04**	3.46E-03	1.75E-05	**6.95E-04**	4.96E-03	1.94E-05	**9.96E-04**
558580.214160235.8	558580	4160236	WRKR_914	3.27E-03	1.19E-05	**6.57E-04**	2.45E-03	1.84E-05	**4.94E-04**	3.12E-03	1.71E-05	**6.27E-04**	4.48E-03	1.89E-05	**8.99E-04**
558580.214160245.8	558580	4160246	WRKR_915	3.45E-03	1.24E-05	**6.92E-04**	2.58E-03	1.91E-05	**5.20E-04**	3.28E-03	1.78E-05	**6.60E-04**	4.71E-03	1.97E-05	**9.46E-04**
558590.214160235.8	558590	4160236	WRKR_916	3.28E-03	1.27E-05	**6.58E-04**	2.45E-03	1.96E-05	**4.95E-04**	3.12E-03	1.82E-05	**6.28E-04**	4.48E-03	2.02E-05	**9.00E-04**
558590.214160245.8	558590	4160246	WRKR_917	3.45E-03	1.32E-05	**6.93E-04**	2.58E-03	2.04E-05	**5.21E-04**	3.29E-03	1.89E-05	**6.62E-04**	4.72E-03	2.10E-05	**9.48E-04**
558600.214160245.8	558600	4160246	WRKR_918	3.46E-03	1.41E-05	**6.96E-04**	2.59E-03	2.18E-05	**5.23E-04**	3.30E-03	2.03E-05	**6.64E-04**	4.73E-03	2.24E-05	**9.51E-04**

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

XY	X	Y
557996.384160720.52	557996	4160721
557996.384160730.52	557996	4160731
557996.384160740.52	557996	4160741
558006.384160710.52	558006	4160711
558006.384160720.52	558006	4160721
558006.384160730.52	558006	4160731
558006.384160740.52	558006	4160741
558016.384160710.52	558016	4160711
558016.384160720.52	558016	4160721
558016.384160730.52	558016	4160731
558016.384160740.52	558016	4160741
558026.384160710.52	558026	4160711
558026.384160720.52	558026	4160721
558026.384160730.52	558026	4160731
558026.384160740.52	558026	4160741
558277.534160581.24	558278	4160581
558277.534160591.24	558278	4160591
558287.534160581.24	558288	4160581
558287.534160591.24	558288	4160591
558297.534160581.24	558298	4160581
558297.534160591.24	558298	4160591
558307.534160581.24	558308	4160581
558307.534160591.24	558308	4160591
558317.534160581.24	558318	4160581
558317.534160591.24	558318	4160591
558327.534160581.24	558328	4160581
558327.534160591.24	558328	4160591
558337.534160581.24	558338	4160581
558101.054160547.13	558101	4160547
558101.054160557.13	558101	4160557
558111.054160547.13	558111	4160547
558111.054160557.13	558111	4160557
558111.054160567.13	558111	4160567
558121.054160537.13	558121	4160537
558121.054160547.13	558121	4160547
558121.054160557.13	558121	4160557
558121.054160567.13	558121	4160567
558121.054160577.13	558121	4160577
558121.054160587.13	558121	4160587
558131.054160527.13	558131	4160527
558131.054160537.13	558131	4160537
558131.054160547.13	558131	4160547
558131.054160557.13	558131	4160557
558131.054160567.13	558131	4160567
558131.054160577.13	558131	4160577
558131.054160587.13	558131	4160587
558131.054160597.13	558131	4160597
558141.054160527.13	558141	4160527
558141.054160537.13	558141	4160537
558141.054160547.13	558141	4160547
558141.054160557.13	558141	4160557
558141.054160567.13	558141	4160567
558141.054160577.13	558141	4160577
558141.054160587.13	558141	4160587
558141.054160597.13	558141	4160597
558141.054160607.13	558141	4160607
558151.054160537.13	558151	4160537
558151.054160547.13	558151	4160547
558151.054160557.13	558151	4160557
558151.054160567.13	558151	4160567
558151.054160577.13	558151	4160577
558151.054160587.13	558151	4160587
558151.054160597.13	558151	4160597
558151.054160607.13	558151	4160607
558151.054160617.13	558151	4160617
558161.054160547.13	558161	4160547
558161.054160557.13	558161	4160557
558161.054160567.13	558161	4160567

Max Project Chronic HI

XY	X	Y	GROUP	GROUP2	CHRONIC HI Year 1	Year 2	Year 3	Year 4
557996.384160720.52	557996.38	4160720.52	WRKR_1	WORKER	5.96E-03	4.46E-03	5.67E-03	8.14E-03
557996.384160730.52	557996.38	4160730.52	WRKR_2	WORKER	5.86E-03	4.39E-03	5.59E-03	8.01E-03
557996.384160740.52	557996.38	4160740.52	WRKR_3	WORKER	5.70E-03	4.26E-03	5.43E-03	7.79E-03
558006.384160710.52	558006.38	4160710.52	WRKR_4	WORKER	6.81E-03	5.10E-03	6.49E-03	9.31E-03
558006.384160720.52	558006.38	4160720.52	WRKR_5	WORKER	6.72E-03	5.03E-03	6.40E-03	9.18E-03
558006.384160730.52	558006.38	4160730.52	WRKR_6	WORKER	6.57E-03	4.92E-03	6.26E-03	8.98E-03
558006.384160740.52	558006.38	4160740.52	WRKR_7	WORKER	6.41E-03	4.79E-03	6.10E-03	8.75E-03
558016.384160710.52	558016.38	4160710.52	WRKR_8	WORKER	7.75E-03	5.80E-03	7.39E-03	1.06E-02
558016.384160720.52	558016.38	4160720.52	WRKR_9	WORKER	7.61E-03	5.70E-03	7.26E-03	1.04E-02
558016.384160730.52	558016.38	4160730.52	WRKR_10	WORKER	7.42E-03	5.56E-03	7.07E-03	1.01E-02
558016.384160740.52	558016.38	4160740.52	WRKR_11	WORKER	7.19E-03	5.38E-03	6.85E-03	9.82E-03
558026.384160710.52	558026.38	4160710.52	WRKR_12	WORKER	8.83E-03	6.61E-03	8.42E-03	1.21E-02
558026.384160720.52	558026.38	4160720.52	WRKR_13	WORKER	8.71E-03	6.52E-03	8.30E-03	1.19E-02
558026.384160730.52	558026.38	4160730.52	WRKR_14	WORKER	8.44E-03	6.32E-03	8.04E-03	1.15E-02
558026.384160740.52	558026.38	4160740.52	WRKR_15	WORKER	8.13E-03	6.09E-03	7.75E-03	1.11E-02
558277.534160581.24	558277.53	4160581.24	WRKR_16	WORKER	2.34E-02	1.75E-02	2.23E-02	3.20E-02
558277.534160591.24	558277.53	4160591.24	WRKR_17	WORKER	2.82E-02	2.11E-02	2.69E-02	3.86E-02
558287.534160581.24	558287.53	4160581.24	WRKR_18	WORKER	2.28E-02	1.71E-02	2.17E-02	3.12E-02
558287.534160591.24	558287.53	4160591.24	WRKR_19	WORKER	2.72E-02	2.03E-02	2.59E-02	3.71E-02
558297.534160581.24	558297.53	4160581.24	WRKR_20	WORKER	2.20E-02	1.65E-02	2.10E-02	3.01E-02
558297.534160591.24	558297.53	4160591.24	WRKR_21	WORKER	2.61E-02	1.96E-02	2.49E-02	3.57E-02
558307.534160581.24	558307.53	4160581.24	WRKR_22	WORKER	2.11E-02	1.58E-02	2.01E-02	2.88E-02
558307.534160591.24	558307.53	4160591.24	WRKR_23	WORKER	2.51E-02	1.88E-02	2.40E-02	3.44E-02
558317.534160581.24	558317.53	4160581.24	WRKR_24	WORKER	2.02E-02	1.51E-02	1.93E-02	2.76E-02
558317.534160591.24	558317.53	4160591.24	WRKR_25	WORKER	2.42E-02	1.81E-02	2.30E-02	3.30E-02
558327.534160581.24	558327.53	4160581.24	WRKR_26	WORKER	1.93E-02	1.45E-02	1.84E-02	2.64E-02
558327.534160591.24	558327.53	4160591.24	WRKR_27	WORKER	2.32E-02	1.73E-02	2.21E-02	3.17E-02
558337.534160581.24	558337.53	4160581.24	WRKR_28	WORKER	1.84E-02	1.37E-02	1.75E-02	2.51E-02
558101.054160547.13	558101.05	4160547.13	WRKR_29	WORKER	1.04E-02	7.76E-03	9.88E-03	1.42E-02
558101.054160557.13	558101.05	4160557.13	WRKR_30	WORKER	1.13E-02	8.47E-03	1.08E-02	1.55E-02
558111.054160547.13	558111.05	4160547.13	WRKR_31	WORKER	1.10E-02	8.26E-03	1.05E-02	1.51E-02
558111.054160557.13	558111.05	4160557.13	WRKR_32	WORKER	1.21E-02	9.05E-03	1.15E-02	1.65E-02
558111.054160567.13	558111.05	4160567.13	WRKR_33	WORKER	1.33E-02	9.95E-03	1.27E-02	1.82E-02
558121.054160537.13	558121.05	4160537.13	WRKR_34	WORKER	1.07E-02	7.97E-03	1.02E-02	1.46E-02
558121.054160547.13	558121.05	4160547.13	WRKR_35	WORKER	1.17E-02	8.76E-03	1.11E-02	1.60E-02
558121.054160557.13	558121.05	4160557.13	WRKR_36	WORKER	1.29E-02	9.64E-03	1.23E-02	1.76E-02
558121.054160567.13	558121.05	4160567.13	WRKR_37	WORKER	1.42E-02	1.07E-02	1.36E-02	1.95E-02
558121.054160577.13	558121.05	4160577.13	WRKR_38	WORKER	1.58E-02	1.18E-02	1.50E-02	2.16E-02
558121.054160587.13	558121.05	4160587.13	WRKR_39	WORKER	1.76E-02	1.31E-02	1.67E-02	2.40E-02
558131.054160527.13	558131.05	4160527.13	WRKR_40	WORKER	1.02E-02	7.61E-03	9.69E-03	1.39E-02
558131.054160537.13	558131.05	4160537.13	WRKR_41	WORKER	1.12E-02	8.38E-03	1.07E-02	1.53E-02
558131.054160547.13	558131.05	4160547.13	WRKR_42	WORKER	1.24E-02	9.24E-03	1.18E-02	1.69E-02
558131.054160557.13	558131.05	4160557.13	WRKR_43	WORKER	1.37E-02	1.02E-02	1.30E-02	1.87E-02
558131.054160567.13	558131.05	4160567.13	WRKR_44	WORKER	1.52E-02	1.14E-02	1.45E-02	2.08E-02
558131.054160577.13	558131.05	4160577.13	WRKR_45	WORKER	1.70E-02	1.27E-02	1.62E-02	2.32E-02
558131.054160587.13	558131.05	4160587.13	WRKR_46	WORKER	1.90E-02	1.42E-02	1.81E-02	2.60E-02
558131.054160597.13	558131.05	4160597.13	WRKR_47	WORKER	2.13E-02	1.59E-02	2.03E-02	2.91E-02
558141.054160527.13	558141.05	4160527.13	WRKR_48	WORKER	1.06E-02	7.94E-03	1.01E-02	1.45E-02
558141.054160537.13	558141.05	4160537.13	WRKR_49	WORKER	1.17E-02	8.77E-03	1.12E-02	1.60E-02
558141.054160547.13	558141.05	4160547.13	WRKR_50	WORKER	1.30E-02	9.73E-03	1.24E-02	1.78E-02
558141.054160557.13	558141.05	4160557.13	WRKR_51	WORKER	1.45E-02	1.08E-02	1.38E-02	1.98E-02
558141.054160567.13	558141.05	4160567.13	WRKR_52	WORKER	1.62E-02	1.21E-02	1.54E-02	2.21E-02
558141.054160577.13	558141.05	4160577.13	WRKR_53	WORKER	1.82E-02	1.36E-02	1.73E-02	2.49E-02
558141.054160587.13	558141.05	4160587.13	WRKR_54	WORKER	2.05E-02	1.53E-02	1.95E-02	2.80E-02
558141.054160597.13	558141.05	4160597.13	WRKR_55	WORKER	2.31E-02	1.73E-02	2.20E-02	3.16E-02
558141.054160607.13	558141.05	4160607.13	WRKR_56	WORKER	2.61E-02	1.95E-02	2.49E-02	3.56E-02
558151.054160537.13	558151.05	4160537.13	WRKR_57	WORKER	1.22E-02	9.14E-03	1.16E-02	1.67E-02
558151.054160547.13	558151.05	4160547.13	WRKR_58	WORKER	1.36E-02	1.02E-02	1.30E-02	1.86E-02
558151.054160557.13	558151.05	4160557.13	WRKR_59	WORKER	1.53E-02	1.14E-02	1.45E-02	2.09E-02
558151.054160567.13	558151.05	4160567.13	WRKR_60	WORKER	1.72E-02	1.29E-02	1.64E-02	2.35E-02
558151.054160577.13	558151.05	4160577.13	WRKR_61	WORKER	1.94E-02	1.46E-02	1.85E-02	2.66E-02
558151.054160587.13	558151.05	4160587.13	WRKR_62	WORKER	2.20E-02	1.65E-02	2.10E-02	3.01E-02
558151.054160597.13	558151.05	4160597.13	WRKR_63	WORKER	2.52E-02	1.89E-02	2.41E-02	3.45E-02
558151.054160607.13	558151.05	4160607.13	WRKR_64	WORKER	2.89E-02	2.17E-02	2.76E-02	3.95E-02
558151.054160617.13	558151.05	4160617.13	WRKR_65	WORKER	3.30E-02	2.47E-02	3.15E-02	4.52E-02
558161.054160547.13	558161.05	4160547.13	WRKR_66	WORKER	1.43E-02	1.07E-02	1.36E-02	1.96E-02
558161.054160557.13	558161.05	4160557.13	WRKR_67	WORKER	1.60E-02	1.20E-02	1.53E-02	2.19E-02
558161.054160567.13	558161.05	4160567.13	WRKR_68	WORKER	1.82E-02	1.36E-02	1.73E-02	2.49E-02

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

XY	X	Y
558161.054160577.13	558161	4160577
558161.054160587.13	558161	4160587
558161.054160597.13	558161	4160597
558161.054160607.13	558161	4160607
558171.054160557.13	558171	4160557
558171.054160567.13	558171	4160567
558171.054160577.13	558171	4160577
558171.054160587.13	558171	4160587
558171.054160597.13	558171	4160597
558181.054160567.13	558181	4160567
558181.054160577.13	558181	4160577
558181.054160587.13	558181	4160587
558191.054160577.13	558191	4160577
558368.544160582.33	558369	4160582
558378.544160582.33	558379	4160582
558378.544160592.33	558379	4160592
558378.544160602.33	558379	4160602
558378.544160612.33	558379	4160612
558388.544160582.33	558389	4160582
558388.544160592.33	558389	4160592
558388.544160602.33	558389	4160602
558388.544160612.33	558389	4160612
558398.544160582.33	558399	4160582
558398.544160592.33	558399	4160592
558398.544160602.33	558399	4160602
558398.544160612.33	558399	4160612
557976.094160490.12	557976	4160490
557976.094160500.12	557976	4160500
557976.094160510.12	557976	4160510
557976.094160520.12	557976	4160520
557976.094160530.12	557976	4160530
557986.094160480.12	557986	4160480
557986.094160490.12	557986	4160490
557986.094160500.12	557986	4160500
557986.094160510.12	557986	4160510
557986.094160520.12	557986	4160520
557986.094160530.12	557986	4160530
557996.094160480.12	557996	4160480
557996.094160490.12	557996	4160490
557996.094160500.12	557996	4160500
557996.094160510.12	557996	4160510
557996.094160520.12	557996	4160520
557996.094160530.12	557996	4160530
557996.094160540.12	557996	4160540
557996.094160550.12	557996	4160550
557996.094160560.12	557996	4160560
557996.094160570.12	557996	4160570
558006.094160480.12	558006	4160480
558006.094160490.12	558006	4160490
558006.094160500.12	558006	4160500
558006.094160510.12	558006	4160510
558006.094160520.12	558006	4160520
558006.094160530.12	558006	4160530
558006.094160540.12	558006	4160540
558006.094160550.12	558006	4160550
558006.094160560.12	558006	4160560
558006.094160570.12	558006	4160570
558016.094160480.12	558016	4160480
558016.094160490.12	558016	4160490
558016.094160500.12	558016	4160500
558016.094160510.12	558016	4160510
558016.094160520.12	558016	4160520
558016.094160530.12	558016	4160530
558016.094160540.12	558016	4160540
558016.094160550.12	558016	4160550
558016.094160560.12	558016	4160560
558016.094160570.12	558016	4160570
558026.094160480.12	558026	4160480
558026.094160490.12	558026	4160490
558026.094160500.12	558026	4160500
558026.094160510.12	558026	4160510
558026.094160520.12	558026	4160520

Max Project Chronic HI

XY	X	Y	GROUP	GROUP2	CHRONIC HI Year 1	Year 2	Year 3	Year 4
558161.054160577.13	558161.05	4160577.13	WRKR_69	WORKER	2.07E-02	1.55E-02	1.97E-02	2.83E-02
558161.054160587.13	558161.05	4160587.13	WRKR_70	WORKER	2.37E-02	1.77E-02	2.25E-02	3.23E-02
558161.054160597.13	558161.05	4160597.13	WRKR_71	WORKER	2.77E-02	2.07E-02	2.64E-02	3.78E-02
558161.054160607.13	558161.05	4160607.13	WRKR_72	WORKER	3.16E-02	2.37E-02	3.02E-02	4.33E-02
558171.054160557.13	558171.05	4160557.13	WRKR_73	WORKER	1.69E-02	1.27E-02	1.61E-02	2.32E-02
558171.054160567.13	558171.05	4160567.13	WRKR_74	WORKER	1.91E-02	1.43E-02	1.82E-02	2.62E-02
558171.054160577.13	558171.05	4160577.13	WRKR_75	WORKER	2.20E-02	1.64E-02	2.09E-02	3.00E-02
558171.054160587.13	558171.05	4160587.13	WRKR_76	WORKER	2.53E-02	1.89E-02	2.41E-02	3.45E-02
558171.054160597.13	558171.05	4160597.13	WRKR_77	WORKER	2.99E-02	2.24E-02	2.85E-02	4.09E-02
558181.054160567.13	558181.05	4160567.13	WRKR_78	WORKER	2.02E-02	1.51E-02	1.93E-02	2.77E-02
558181.054160577.13	558181.05	4160577.13	WRKR_79	WORKER	2.32E-02	1.74E-02	2.21E-02	3.17E-02
558181.054160587.13	558181.05	4160587.13	WRKR_80	WORKER	2.70E-02	2.02E-02	2.57E-02	3.69E-02
558191.054160577.13	558191.05	4160577.13	WRKR_81	WORKER	2.42E-02	1.81E-02	2.31E-02	3.31E-02
558368.544160582.33	558368.54	4160582.33	WRKR_82	WORKER	1.62E-02	1.21E-02	1.54E-02	2.21E-02
558378.544160582.33	558378.54	4160582.33	WRKR_83	WORKER	1.53E-02	1.15E-02	1.46E-02	2.09E-02
558378.544160592.33	558378.54	4160592.33	WRKR_84	WORKER	1.73E-02	1.30E-02	1.65E-02	2.37E-02
558378.544160602.33	558378.54	4160602.33	WRKR_85	WORKER	1.95E-02	1.46E-02	1.86E-02	2.67E-02
558378.544160612.33	558378.54	4160612.33	WRKR_86	WORKER	2.28E-02	1.70E-02	2.17E-02	3.11E-02
558388.544160582.33	558388.54	4160582.33	WRKR_87	WORKER	1.43E-02	1.07E-02	1.36E-02	1.96E-02
558388.544160592.33	558388.54	4160592.33	WRKR_88	WORKER	1.61E-02	1.20E-02	1.53E-02	2.20E-02
558388.544160602.33	558388.54	4160602.33	WRKR_89	WORKER	1.80E-02	1.35E-02	1.72E-02	2.46E-02
558388.544160612.33	558388.54	4160612.33	WRKR_90	WORKER	2.09E-02	1.57E-02	1.99E-02	2.86E-02
558398.544160582.33	558398.54	4160582.33	WRKR_91	WORKER	1.32E-02	9.90E-03	1.26E-02	1.81E-02
558398.544160592.33	558398.54	4160592.33	WRKR_92	WORKER	1.48E-02	1.11E-02	1.41E-02	2.02E-02
558398.544160602.33	558398.54	4160602.33	WRKR_93	WORKER	1.67E-02	1.25E-02	1.59E-02	2.28E-02
558398.544160612.33	558398.54	4160612.33	WRKR_94	WORKER	1.92E-02	1.43E-02	1.83E-02	2.62E-02
557976.094160490.12	557976.09	4160490.12	HLTN_1	RESIDENT	3.20E-03	2.40E-03	3.05E-03	4.38E-03
557976.094160500.12	557976.09	4160500.12	HLTN_2	RESIDENT	3.32E-03	2.49E-03	3.17E-03	4.54E-03
557976.094160510.12	557976.09	4160510.12	HLTN_3	RESIDENT	3.47E-03	2.60E-03	3.31E-03	4.75E-03
557976.094160520.12	557976.09	4160520.12	HLTN_4	RESIDENT	3.61E-03	2.71E-03	3.44E-03	4.94E-03
557976.094160530.12	557976.09	4160530.12	HLTN_5	RESIDENT	3.74E-03	2.80E-03	3.56E-03	5.11E-03
557986.094160480.12	557986.09	4160480.12	HLTN_6	RESIDENT	3.30E-03	2.47E-03	3.15E-03	4.51E-03
557986.094160490.12	557986.09	4160490.12	HLTN_7	RESIDENT	3.49E-03	2.61E-03	3.32E-03	4.76E-03
557986.094160500.12	557986.09	4160500.12	HLTN_8	RESIDENT	3.62E-03	2.71E-03	3.45E-03	4.94E-03
557986.094160510.12	557986.09	4160510.12	HLTN_9	RESIDENT	3.75E-03	2.81E-03	3.57E-03	5.12E-03
557986.094160520.12	557986.09	4160520.12	HLTN_10	RESIDENT	3.89E-03	2.91E-03	3.70E-03	5.31E-03
557986.094160530.12	557986.09	4160530.12	HLTN_11	RESIDENT	4.02E-03	3.01E-03	3.83E-03	5.50E-03
557996.094160480.12	557996.09	4160480.12	HLTN_12	RESIDENT	3.57E-03	2.67E-03	3.40E-03	4.88E-03
557996.094160490.12	557996.09	4160490.12	HLTN_13	RESIDENT	3.72E-03	2.78E-03	3.54E-03	5.08E-03
557996.094160500.12	557996.09	4160500.12	HLTN_14	RESIDENT	3.87E-03	2.89E-03	3.68E-03	5.28E-03
557996.094160510.12	557996.09	4160510.12	HLTN_15	RESIDENT	4.02E-03	3.01E-03	3.83E-03	5.49E-03
557996.094160520.12	557996.09	4160520.12	HLTN_16	RESIDENT	4.18E-03	3.13E-03	3.98E-03	5.71E-03
557996.094160530.12	557996.09	4160530.12	HLTN_17	RESIDENT	4.34E-03	3.25E-03	4.14E-03	5.93E-03
557996.094160540.12	557996.09	4160540.12	HLTN_18	RESIDENT	4.51E-03	3.37E-03	4.30E-03	6.16E-03
557996.094160550.12	557996.09	4160550.12	HLTN_19	RESIDENT	4.68E-03	3.50E-03	4.46E-03	6.39E-03
557996.094160560.12	557996.09	4160560.12	HLTN_20	RESIDENT	4.85E-03	3.63E-03	4.62E-03	6.62E-03
557996.094160570.12	557996.09	4160570.12	HLTN_21	RESIDENT	5.01E-03	3.75E-03	4.78E-03	6.85E-03
558006.094160480.12	558006.09	4160480.12	HLTN_22	RESIDENT	3.80E-03	2.84E-03	3.62E-03	5.19E-03
558006.094160490.12	558006.09	4160490.12	HLTN_23	RESIDENT	3.96E-03	2.96E-03	3.77E-03	5.41E-03
558006.094160500.12	558006.09	4160500.12	HLTN_24	RESIDENT	4.13E-03	3.09E-03	3.94E-03	5.65E-03
558006.094160510.12	558006.09	4160510.12	HLTN_25	RESIDENT	4.31E-03	3.23E-03	4.11E-03	5.89E-03
558006.094160520.12	558006.09	4160520.12	HLTN_26	RESIDENT	4.49E-03	3.36E-03	4.28E-03	6.14E-03
558006.094160530.12	558006.09	4160530.12	HLTN_27	RESIDENT	4.68E-03	3.51E-03	4.46E-03	6.40E-03
558006.094160540.12	558006.09	4160540.12	HLTN_28	RESIDENT	4.88E-03	3.65E-03	4.65E-03	6.67E-03
558006.094160550.12	558006.09	4160550.12	HLTN_29	RESIDENT	5.08E-03	3.80E-03	4.84E-03	6.94E-03
558006.094160560.12	558006.09	4160560.12	HLTN_30	RESIDENT	5.28E-03	3.95E-03	5.03E-03	7.22E-03
558006.094160570.12	558006.09	4160570.12	HLTN_31	RESIDENT	5.48E-03	4.10E-03	5.22E-03	7.49E-03
558016.094160480.12	558016.09	4160480.12	HLTN_32	RESIDENT	4.03E-03	3.02E-03	3.84E-03	5.51E-03
558016.094160490.12	558016.09	4160490.12	HLTN_33	RESIDENT	4.22E-03	3.16E-03	4.02E-03	5.76E-03
558016.094160500.12	558016.09	4160500.12	HLTN_34	RESIDENT	4.41E-03	3.30E-03	4.21E-03	6.03E-03
558016.094160510.12	558016.09	4160510.12	HLTN_35	RESIDENT	4.62E-03	3.46E-03	4.40E-03	6.32E-03
558016.094160520.12	558016.09	4160520.12	HLTN_36	RESIDENT	4.83E-03	3.62E-03	4.61E-03	6.61E-03
558016.094160530.12	558016.09	4160530.12	HLTN_37	RESIDENT	5.06E-03	3.78E-03	4.82E-03	6.91E-03
558016.094160540.12	558016.09	4160540.12	HLTN_38	RESIDENT	5.28E-03	3.95E-03	5.04E-03	7.22E-03
558016.094160550.12	558016.09	4160550.12	HLTN_39	RESIDENT	5.52E-03	4.13E-03	5.26E-03	7.55E-03
558016.094160560.12	558016.09	4160560.12	HLTN_40	RESIDENT	5.77E-03	4.32E-03	5.50E-03	7.88E-03
558016.094160570.12	558016.09	4160570.12	HLTN_41	RESIDENT	6.01E-03	4.50E-03	5.73E-03	8.22E-03
558026.094160480.12	558026.09	4160480.12	HLTN_42	RESIDENT	4.28E-03	3.20E-03	4.08E-03	5.85E-03
558026.094160490.12	558026.09	4160490.12	HLTN_43	RESIDENT	4.49E-03	3.36E-03	4.28E-03	6.14E-03
558026.094160500.12	558026.09	4160500.12	HLTN_44	RESIDENT	4.71E-03	3.53E-03	4.49E-03	6.44E-03
558026.094160510.12	558026.09	4160510.12	HLTN_45	RESIDENT	4.94E-03	3.69E-03	4.70E-03	6.75E-03
558026.094160520.12	558026.09	4160520.12	HLTN_46	RESIDENT	5.19E-03	3.89E-03	4.95E-03	7.10E-03

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

XY	X	Y
558026.094160530.12	558026	4160530
558026.094160540.12	558026	4160540
558026.094160550.12	558026	4160550
558026.094160560.12	558026	4160560
558026.094160570.12	558026	4160570
558036.094160480.12	558036	4160480
558036.094160490.12	558036	4160490
558036.094160500.12	558036	4160500
558036.094160510.12	558036	4160510
558036.094160520.12	558036	4160520
558036.094160530.12	558036	4160530
558036.094160540.12	558036	4160540
558036.094160550.12	558036	4160550
558036.094160560.12	558036	4160560
558046.094160480.12	558046	4160480
558046.094160490.12	558046	4160490
558046.094160500.12	558046	4160500
558046.094160510.12	558046	4160510
558046.094160520.12	558046	4160520
558046.094160530.12	558046	4160530
558046.094160540.12	558046	4160540
558046.094160550.12	558046	4160550
558056.094160480.12	558056	4160480
558056.094160490.12	558056	4160490
558056.094160500.12	558056	4160500
558056.094160510.12	558056	4160510
558056.094160520.12	558056	4160520
558056.094160530.12	558056	4160530
558056.094160540.12	558056	4160540
558066.094160480.12	558066	4160480
558066.094160490.12	558066	4160490
558066.094160500.12	558066	4160500
558066.094160510.12	558066	4160510
558066.094160520.12	558066	4160520
558066.094160530.12	558066	4160530
558076.094160480.12	558076	4160480
558076.094160490.12	558076	4160490
558076.094160500.12	558076	4160500
558076.094160510.12	558076	4160510
558076.094160520.12	558076	4160520
558086.094160490.12	558086	4160490
558086.094160500.12	558086	4160500
558086.094160510.12	558086	4160510
558096.094160490.12	558096	4160490
558096.094160500.12	558096	4160500
558186.784160496.28	558187	4160496
558186.784160506.28	558187	4160506
558196.784160496.28	558197	4160496
558196.784160506.28	558197	4160506
558196.784160516.28	558197	4160516
558196.784160526.28	558197	4160526
558206.784160506.28	558207	4160506
558206.784160516.28	558207	4160516
558206.784160526.28	558207	4160526
558206.784160536.28	558207	4160536
558216.784160516.28	558217	4160516
558216.784160526.28	558217	4160526
558216.784160536.28	558217	4160536
558216.784160546.28	558217	4160546
558226.784160526.28	558227	4160526
558226.784160536.28	558227	4160536
558226.784160546.28	558227	4160546
558236.784160536.28	558237	4160536
558115.174160402.59	558115	4160403
558115.174160412.59	558115	4160413
558115.174160422.59	558115	4160423
558115.174160432.59	558115	4160433
558115.174160442.59	558115	4160443
558125.174160392.59	558125	4160393
558125.174160402.59	558125	4160403
558125.174160412.59	558125	4160413
558125.174160422.59	558125	4160423

Max Project Chronic HI

XY	X	Y	GROUP	GROUP2	CHRONIC HI Year 1	Year 2	Year 3	Year 4
558026.094160530.12	558026.09	4160530.12	HLTN_47	RESIDENT	5.45E-03	4.08E-03	5.20E-03	7.46E-03
558026.094160540.12	558026.09	4160540.12	HLTN_48	RESIDENT	5.72E-03	4.28E-03	5.45E-03	7.82E-03
558026.094160550.12	558026.09	4160550.12	HLTN_49	RESIDENT	6.01E-03	4.50E-03	5.72E-03	8.21E-03
558026.094160560.12	558026.09	4160560.12	HLTN_50	RESIDENT	6.30E-03	4.71E-03	6.00E-03	8.61E-03
558026.094160570.12	558026.09	4160570.12	HLTN_51	RESIDENT	6.60E-03	4.94E-03	6.29E-03	9.02E-03
558036.094160480.12	558036.09	4160480.12	HLTN_52	RESIDENT	4.52E-03	3.38E-03	4.31E-03	6.18E-03
558036.094160490.12	558036.09	4160490.12	HLTN_53	RESIDENT	4.77E-03	3.57E-03	4.54E-03	6.52E-03
558036.094160500.12	558036.09	4160500.12	HLTN_54	RESIDENT	4.99E-03	3.73E-03	4.75E-03	6.82E-03
558036.094160510.12	558036.09	4160510.12	HLTN_55	RESIDENT	5.18E-03	3.88E-03	4.94E-03	7.08E-03
558036.094160520.12	558036.09	4160520.12	HLTN_56	RESIDENT	5.51E-03	4.12E-03	5.25E-03	7.53E-03
558036.094160530.12	558036.09	4160530.12	HLTN_57	RESIDENT	5.88E-03	4.40E-03	5.60E-03	8.04E-03
558036.094160540.12	558036.09	4160540.12	HLTN_58	RESIDENT	6.20E-03	4.64E-03	5.90E-03	8.47E-03
558036.094160550.12	558036.09	4160550.12	HLTN_59	RESIDENT	6.53E-03	4.89E-03	6.22E-03	8.93E-03
558036.094160560.12	558036.09	4160560.12	HLTN_60	RESIDENT	6.88E-03	5.15E-03	6.56E-03	9.41E-03
558046.094160480.12	558046.09	4160480.12	HLTN_61	RESIDENT	4.67E-03	3.49E-03	4.45E-03	6.38E-03
558046.094160490.12	558046.09	4160490.12	HLTN_62	RESIDENT	4.93E-03	3.69E-03	4.70E-03	6.74E-03
558046.094160500.12	558046.09	4160500.12	HLTN_63	RESIDENT	5.18E-03	3.88E-03	4.94E-03	7.09E-03
558046.094160510.12	558046.09	4160510.12	HLTN_64	RESIDENT	5.46E-03	4.08E-03	5.20E-03	7.46E-03
558046.094160520.12	558046.09	4160520.12	HLTN_65	RESIDENT	5.86E-03	4.38E-03	5.58E-03	8.01E-03
558046.094160530.12	558046.09	4160530.12	HLTN_66	RESIDENT	6.33E-03	4.74E-03	6.03E-03	8.65E-03
558046.094160540.12	558046.09	4160540.12	HLTN_67	RESIDENT	6.70E-03	5.01E-03	6.38E-03	9.16E-03
558046.094160550.12	558046.09	4160550.12	HLTN_68	RESIDENT	7.09E-03	5.31E-03	6.76E-03	9.70E-03
558056.094160480.12	558056.09	4160480.12	HLTN_69	RESIDENT	4.89E-03	3.66E-03	4.66E-03	6.69E-03
558056.094160490.12	558056.09	4160490.12	HLTN_70	RESIDENT	5.16E-03	3.86E-03	4.92E-03	7.06E-03
558056.094160500.12	558056.09	4160500.12	HLTN_71	RESIDENT	5.44E-03	4.07E-03	5.18E-03	7.43E-03
558056.094160510.12	558056.09	4160510.12	HLTN_72	RESIDENT	5.77E-03	4.32E-03	5.50E-03	7.89E-03
558056.094160520.12	558056.09	4160520.12	HLTN_73	RESIDENT	6.28E-03	4.70E-03	5.98E-03	8.58E-03
558056.094160530.12	558056.09	4160530.12	HLTN_74	RESIDENT	6.80E-03	5.09E-03	6.48E-03	9.30E-03
558056.094160540.12	558056.09	4160540.12	HLTN_75	RESIDENT	7.23E-03	5.41E-03	6.89E-03	9.88E-03
558066.094160480.12	558066.09	4160480.12	HLTN_76	RESIDENT	5.31E-03	3.97E-03	5.06E-03	7.25E-03
558066.094160490.12	558066.09	4160490.12	HLTN_77	RESIDENT	5.61E-03	4.20E-03	5.35E-03	7.67E-03
558066.094160500.12	558066.09	4160500.12	HLTN_78	RESIDENT	5.80E-03	4.34E-03	5.53E-03	7.93E-03
558066.094160510.12	558066.09	4160510.12	HLTN_79	RESIDENT	6.29E-03	4.71E-03	5.99E-03	8.60E-03
558066.094160520.12	558066.09	4160520.12	HLTN_80	RESIDENT	6.83E-03	5.11E-03	6.50E-03	9.33E-03
558066.094160530.12	558066.09	4160530.12	HLTN_81	RESIDENT	7.28E-03	5.45E-03	6.94E-03	9.95E-03
558076.094160480.12	558076.09	4160480.12	HLTN_82	RESIDENT	5.56E-03	4.16E-03	5.30E-03	7.60E-03
558076.094160490.12	558076.09	4160490.12	HLTN_83	RESIDENT	5.93E-03	4.44E-03	5.65E-03	8.11E-03
558076.094160500.12	558076.09	4160500.12	HLTN_84	RESIDENT	6.13E-03	4.59E-03	5.84E-03	8.37E-03
558076.094160510.12	558076.09	4160510.12	HLTN_85	RESIDENT	6.77E-03	5.07E-03	6.45E-03	9.25E-03
558076.094160520.12	558076.09	4160520.12	HLTN_86	RESIDENT	7.25E-03	5.43E-03	6.91E-03	9.91E-03
558086.094160490.12	558086.09	4160490.12	HLTN_87	RESIDENT	6.16E-03	4.61E-03	5.87E-03	8.42E-03
558086.094160500.12	558086.09	4160500.12	HLTN_88	RESIDENT	6.52E-03	4.88E-03	6.21E-03	8.91E-03
558086.094160510.12	558086.09	4160510.12	HLTN_89	RESIDENT	7.16E-03	5.36E-03	6.82E-03	9.78E-03
558096.094160490.12	558096.09	4160490.12	HLTN_90	RESIDENT	6.40E-03	4.79E-03	6.10E-03	8.75E-03
558096.094160500.12	558096.09	4160500.12	HLTN_91	RESIDENT	6.99E-03	5.23E-03	6.66E-03	9.55E-03
558186.784160496.28	558186.78	4160496.28	WRKR_95	WORKER	8.10E-03	6.06E-03	7.72E-03	1.11E-02
558186.784160506.28	558186.78	4160506.28	WRKR_96	WORKER	8.89E-03	6.66E-03	8.47E-03	1.22E-02
558196.784160496.28	558196.78	4160496.28	WRKR_97	WORKER	8.11E-03	6.07E-03	7.72E-03	1.11E-02
558196.784160506.28	558196.78	4160506.28	WRKR_98	WORKER	8.88E-03	6.64E-03	8.46E-03	1.21E-02
558196.784160516.28	558196.78	4160516.28	WRKR_99	WORKER	9.86E-03	7.38E-03	9.39E-03	1.35E-02
558196.784160526.28	558196.78	4160526.28	WRKR_100	WORKER	1.12E-02	8.37E-03	1.07E-02	1.53E-02
558206.784160506.28	558206.78	4160506.28	WRKR_101	WORKER	8.85E-03	6.63E-03	8.44E-03	1.21E-02
558206.784160516.28	558206.78	4160516.28	WRKR_102	WORKER	9.87E-03	7.38E-03	9.40E-03	1.35E-02
558206.784160526.28	558206.78	4160526.28	WRKR_103	WORKER	1.11E-02	8.28E-03	1.05E-02	1.51E-02
558206.784160536.28	558206.78	4160536.28	WRKR_104	WORKER	1.27E-02	9.47E-03	1.21E-02	1.73E-02
558216.784160516.28	558216.78	4160516.28	WRKR_105	WORKER	9.79E-03	7.33E-03	9.33E-03	1.34E-02
558216.784160526.28	558216.78	4160526.28	WRKR_106	WORKER	1.10E-02	8.20E-03	1.04E-02	1.50E-02
558216.784160536.28	558216.78	4160536.28	WRKR_107	WORKER	1.24E-02	9.27E-03	1.18E-02	1.69E-02
558216.784160546.28	558216.78	4160546.28	WRKR_108	WORKER	1.42E-02	1.06E-02	1.35E-02	1.94E-02
558226.784160526.28	558226.78	4160526.28	WRKR_109	WORKER	1.08E-02	8.08E-03	1.03E-02	1.48E-02
558226.784160536.28	558226.78	4160536.28	WRKR_110	WORKER	1.22E-02	9.16E-03	1.17E-02	1.67E-02
558226.784160546.28	558226.78	4160546.28	WRKR_111	WORKER	1.40E-02	1.05E-02	1.34E-02	1.92E-02
558236.784160536.28	558236.78	4160536.28	WRKR_112	WORKER	1.19E-02	8.92E-03	1.14E-02	1.63E-02
558115.174160402.59	558115.17	4160402.59	WRKR_113	WORKER	3.75E-03	2.80E-03	3.57E-03	5.12E-03
558115.174160412.59	558115.17	4160412.59	WRKR_114	WORKER	4.00E-03	2.99E-03	3.81E-03	5.47E-03
558115.174160422.59	558115.17	4160422.59	WRKR_115	WORKER	4.28E-03	3.20E-03	4.07E-03	5.84E-03
558115.174160432.59	558115.17	4160432.59	WRKR_116	WORKER	4.58E-03	3.42E-03	4.36E-03	6.25E-03
558115.174160442.59	558115.17	4160442.59	WRKR_117	WORKER	4.91E-03	3.67E-03	4.67E-03	6.70E-03
558125.174160392.59	558125.17	4160392.59	WRKR_118	WORKER	3.55E-03	2.65E-03	3.38E-03	4.85E-03
558125.174160402.59	558125.17	4160402.59	WRKR_119	WORKER	3.79E-03	2.83E-03	3.61E-03	5.18E-03
558125.174160412.59	558125.17	4160412.59	WRKR_120	WORKER	4.05E-03	3.03E-03	3.86E-03	5.53E-03
558125.174160422.59	558125.17	4160422.59	WRKR_121	WORKER	4.34E-03	3.24E-03	4.13E-03	5.93E-03

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

XY	X	Y
558125.174160432.59	558125	4160433
558125.174160442.59	558125	4160443
558135.174160372.59	558135	4160373
558135.174160382.59	558135	4160383
558135.174160392.59	558135	4160393
558135.174160402.59	558135	4160403
558135.174160412.59	558135	4160413
558135.174160422.59	558135	4160423
558135.174160432.59	558135	4160433
558135.174160442.59	558135	4160443
558145.174160372.59	558145	4160373
558145.174160382.59	558145	4160383
558145.174160392.59	558145	4160393
558145.174160402.59	558145	4160403
558145.174160412.59	558145	4160413
558145.174160422.59	558145	4160423
558145.174160432.59	558145	4160433
558145.174160442.59	558145	4160443
558155.174160372.59	558155	4160373
558155.174160382.59	558155	4160383
558155.174160392.59	558155	4160393
558155.174160402.59	558155	4160403
558155.174160412.59	558155	4160413
558155.174160422.59	558155	4160423
558155.174160432.59	558155	4160433
558155.174160442.59	558155	4160443
558165.174160362.59	558165	4160363
558165.174160372.59	558165	4160373
558165.174160382.59	558165	4160383
558165.174160392.59	558165	4160393
558165.174160402.59	558165	4160403
558165.174160412.59	558165	4160413
558165.174160422.59	558165	4160423
558165.174160432.59	558165	4160433
558175.174160362.59	558175	4160363
558175.174160372.59	558175	4160373
558175.174160382.59	558175	4160383
558175.174160392.59	558175	4160393
558175.174160402.59	558175	4160403
558175.174160412.59	558175	4160413
558175.174160422.59	558175	4160423
558185.174160362.59	558185	4160363
558185.174160372.59	558185	4160373
558185.174160382.59	558185	4160383
558185.174160392.59	558185	4160393
558185.174160402.59	558185	4160403
558185.174160412.59	558185	4160413
558185.174160422.59	558185	4160423
558185.174160432.59	558185	4160433
558185.174160442.59	558185	4160443
558195.174160362.59	558195	4160363
558195.174160372.59	558195	4160373
558195.174160382.59	558195	4160383
558195.174160392.59	558195	4160393
558195.174160402.59	558195	4160403
558195.174160412.59	558195	4160413
558195.174160422.59	558195	4160423
558195.174160432.59	558195	4160433
558195.174160442.59	558195	4160443
558195.174160452.59	558195	4160453
558205.174160362.59	558205	4160363
558205.174160372.59	558205	4160373
558205.174160382.59	558205	4160383
558205.174160392.59	558205	4160393
558205.174160402.59	558205	4160403
558205.174160412.59	558205	4160413
558205.174160422.59	558205	4160423
558205.174160432.59	558205	4160433
558205.174160442.59	558205	4160443
558205.174160452.59	558205	4160453
558205.174160462.59	558205	4160463
558215.174160362.59	558215	4160363

Max Project Chronic HI

XY	X	Y	GROUP	GROUP2	CHRONIC HI Year 1	Year 2	Year 3	Year 4
558125.174160432.59	558125.17	4160432.59	WRKR_122	WORKER	4.65E-03	3.48E-03	4.43E-03	6.36E-03
558125.174160442.59	558125.17	4160442.59	WRKR_123	WORKER	5.00E-03	3.74E-03	4.76E-03	6.83E-03
558135.174160372.59	558135.17	4160372.59	WRKR_124	WORKER	3.14E-03	2.35E-03	2.99E-03	4.29E-03
558135.174160382.59	558135.17	4160382.59	WRKR_125	WORKER	3.34E-03	2.50E-03	3.18E-03	4.57E-03
558135.174160392.59	558135.17	4160392.59	WRKR_126	WORKER	3.57E-03	2.67E-03	3.40E-03	4.87E-03
558135.174160402.59	558135.17	4160402.59	WRKR_127	WORKER	3.81E-03	2.85E-03	3.63E-03	5.21E-03
558135.174160412.59	558135.17	4160412.59	WRKR_128	WORKER	4.08E-03	3.06E-03	3.89E-03	5.58E-03
558135.174160422.59	558135.17	4160422.59	WRKR_129	WORKER	4.38E-03	3.28E-03	4.17E-03	5.98E-03
558135.174160432.59	558135.17	4160432.59	WRKR_130	WORKER	4.71E-03	3.52E-03	4.48E-03	6.43E-03
558135.174160442.59	558135.17	4160442.59	WRKR_131	WORKER	5.07E-03	3.79E-03	4.83E-03	6.92E-03
558145.174160372.59	558145.17	4160372.59	WRKR_132	WORKER	3.14E-03	2.35E-03	2.99E-03	4.29E-03
558145.174160382.59	558145.17	4160382.59	WRKR_133	WORKER	3.34E-03	2.50E-03	3.19E-03	4.57E-03
558145.174160392.59	558145.17	4160392.59	WRKR_134	WORKER	3.57E-03	2.67E-03	3.40E-03	4.88E-03
558145.174160402.59	558145.17	4160402.59	WRKR_135	WORKER	3.82E-03	2.86E-03	3.64E-03	5.23E-03
558145.174160412.59	558145.17	4160412.59	WRKR_136	WORKER	4.10E-03	3.07E-03	3.91E-03	5.60E-03
558145.174160422.59	558145.17	4160422.59	WRKR_137	WORKER	4.40E-03	3.30E-03	4.20E-03	6.02E-03
558145.174160432.59	558145.17	4160432.59	WRKR_138	WORKER	4.74E-03	3.55E-03	4.52E-03	6.48E-03
558145.174160442.59	558145.17	4160442.59	WRKR_139	WORKER	5.11E-03	3.83E-03	4.87E-03	6.99E-03
558155.174160372.59	558155.17	4160372.59	WRKR_140	WORKER	3.12E-03	2.34E-03	2.98E-03	4.27E-03
558155.174160382.59	558155.17	4160382.59	WRKR_141	WORKER	3.33E-03	2.50E-03	3.18E-03	4.56E-03
558155.174160392.59	558155.17	4160392.59	WRKR_142	WORKER	3.57E-03	2.67E-03	3.40E-03	4.87E-03
558155.174160402.59	558155.17	4160402.59	WRKR_143	WORKER	3.82E-03	2.86E-03	3.64E-03	5.22E-03
558155.174160412.59	558155.17	4160412.59	WRKR_144	WORKER	4.10E-03	3.07E-03	3.91E-03	5.61E-03
558155.174160422.59	558155.17	4160422.59	WRKR_145	WORKER	4.41E-03	3.30E-03	4.20E-03	6.03E-03
558155.174160432.59	558155.17	4160432.59	WRKR_146	WORKER	4.76E-03	3.56E-03	4.53E-03	6.50E-03
558155.174160442.59	558155.17	4160442.59	WRKR_147	WORKER	5.14E-03	3.85E-03	4.90E-03	7.02E-03
558165.174160362.59	558165.17	4160362.59	WRKR_148	WORKER	2.91E-03	2.18E-03	2.77E-03	3.97E-03
558165.174160372.59	558165.17	4160372.59	WRKR_149	WORKER	3.10E-03	2.32E-03	2.95E-03	4.24E-03
558165.174160382.59	558165.17	4160382.59	WRKR_150	WORKER	3.31E-03	2.48E-03	3.16E-03	4.53E-03
558165.174160392.59	558165.17	4160392.59	WRKR_151	WORKER	3.55E-03	2.65E-03	3.38E-03	4.85E-03
558165.174160402.59	558165.17	4160402.59	WRKR_152	WORKER	3.80E-03	2.85E-03	3.62E-03	5.20E-03
558165.174160412.59	558165.17	4160412.59	WRKR_153	WORKER	4.09E-03	3.06E-03	3.89E-03	5.58E-03
558165.174160422.59	558165.17	4160422.59	WRKR_154	WORKER	4.40E-03	3.29E-03	4.19E-03	6.01E-03
558165.174160432.59	558165.17	4160432.59	WRKR_155	WORKER	4.75E-03	3.55E-03	4.53E-03	6.49E-03
558175.174160362.59	558175.17	4160362.59	WRKR_156	WORKER	2.88E-03	2.15E-03	2.74E-03	3.93E-03
558175.174160372.59	558175.17	4160372.59	WRKR_157	WORKER	3.07E-03	2.30E-03	2.92E-03	4.19E-03
558175.174160382.59	558175.17	4160382.59	WRKR_158	WORKER	3.28E-03	2.45E-03	3.12E-03	4.48E-03
558175.174160392.59	558175.17	4160392.59	WRKR_159	WORKER	3.51E-03	2.63E-03	3.35E-03	4.80E-03
558175.174160402.59	558175.17	4160402.59	WRKR_160	WORKER	3.77E-03	2.82E-03	3.59E-03	5.15E-03
558175.174160412.59	558175.17	4160412.59	WRKR_161	WORKER	4.05E-03	3.03E-03	3.86E-03	5.54E-03
558175.174160422.59	558175.17	4160422.59	WRKR_162	WORKER	4.37E-03	3.27E-03	4.16E-03	5.97E-03
558185.174160362.59	558185.17	4160362.59	WRKR_163	WORKER	2.84E-03	2.12E-03	2.70E-03	3.88E-03
558185.174160372.59	558185.17	4160372.59	WRKR_164	WORKER	3.02E-03	2.26E-03	2.88E-03	4.13E-03
558185.174160382.59	558185.17	4160382.59	WRKR_165	WORKER	3.23E-03	2.42E-03	3.08E-03	4.42E-03
558185.174160392.59	558185.17	4160392.59	WRKR_166	WORKER	3.47E-03	2.59E-03	3.30E-03	4.74E-03
558185.174160402.59	558185.17	4160402.59	WRKR_167	WORKER	3.72E-03	2.79E-03	3.55E-03	5.09E-03
558185.174160412.59	558185.17	4160412.59	WRKR_168	WORKER	4.00E-03	3.00E-03	3.82E-03	5.47E-03
558185.174160422.59	558185.17	4160422.59	WRKR_169	WORKER	4.32E-03	3.23E-03	4.12E-03	5.90E-03
558185.174160432.59	558185.17	4160432.59	WRKR_170	WORKER	4.67E-03	3.49E-03	4.45E-03	6.38E-03
558185.174160442.59	558185.17	4160442.59	WRKR_171	WORKER	5.06E-03	3.79E-03	4.82E-03	6.91E-03
558195.174160362.59	558195.17	4160362.59	WRKR_172	WORKER	2.79E-03	2.09E-03	2.66E-03	3.81E-03
558195.174160372.59	558195.17	4160372.59	WRKR_173	WORKER	2.97E-03	2.23E-03	2.83E-03	4.07E-03
558195.174160382.59	558195.17	4160382.59	WRKR_174	WORKER	3.18E-03	2.38E-03	3.03E-03	4.35E-03
558195.174160392.59	558195.17	4160392.59	WRKR_175	WORKER	3.41E-03	2.55E-03	3.25E-03	4.66E-03
558195.174160402.59	558195.17	4160402.59	WRKR_176	WORKER	3.66E-03	2.74E-03	3.49E-03	5.01E-03
558195.174160412.59	558195.17	4160412.59	WRKR_177	WORKER	3.94E-03	2.95E-03	3.76E-03	5.39E-03
558195.174160422.59	558195.17	4160422.59	WRKR_178	WORKER	4.25E-03	3.18E-03	4.05E-03	5.81E-03
558195.174160432.59	558195.17	4160432.59	WRKR_179	WORKER	4.60E-03	3.44E-03	4.38E-03	6.29E-03
558195.174160442.59	558195.17	4160442.59	WRKR_180	WORKER	4.98E-03	3.73E-03	4.74E-03	6.81E-03
558195.174160452.59	558195.17	4160452.59	WRKR_181	WORKER	5.39E-03	4.04E-03	5.14E-03	7.37E-03
558205.174160362.59	558205.17	4160362.59	WRKR_182	WORKER	2.74E-03	2.05E-03	2.61E-03	3.74E-03
558205.174160372.59	558205.17	4160372.59	WRKR_183	WORKER	2.92E-03	2.18E-03	2.78E-03	3.99E-03
558205.174160382.59	558205.17	4160382.59	WRKR_184	WORKER	3.12E-03	2.34E-03	2.97E-03	4.27E-03
558205.174160392.59	558205.17	4160392.59	WRKR_185	WORKER	3.35E-03	2.50E-03	3.19E-03	4.57E-03
558205.174160402.59	558205.17	4160402.59	WRKR_186	WORKER	3.60E-03	2.69E-03	3.43E-03	4.91E-03
558205.174160412.59	558205.17	4160412.59	WRKR_187	WORKER	3.87E-03	2.90E-03	3.69E-03	5.29E-03
558205.174160422.59	558205.17	4160422.59	WRKR_188	WORKER	4.18E-03	3.13E-03	3.98E-03	5.71E-03
558205.174160432.59	558205.17	4160432.59	WRKR_189	WORKER	4.51E-03	3.38E-03	4.30E-03	6.17E-03
558205.174160442.59	558205.17	4160442.59	WRKR_190	WORKER	4.89E-03	3.66E-03	4.66E-03	6.69E-03
558205.174160452.59	558205.17	4160452.59	WRKR_191	WORKER	5.31E-03	3.97E-03	5.06E-03	7.25E-03
558205.174160462.59	558205.17	4160462.59	WRKR_192	WORKER	5.78E-03	4.32E-03	5.50E-03	7.90E-03
558215.174160362.59	558215.17	4160362.59	WRKR_193	WORKER	2.68E-03	2.00E-03	2.55E-03	3.66E-03

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

XY	X	Y
558215.174160372.59	558215	4160373
558215.174160382.59	558215	4160383
558215.174160392.59	558215	4160393
558215.174160402.59	558215	4160403
558215.174160412.59	558215	4160413
558215.174160422.59	558215	4160423
558215.174160432.59	558215	4160433
558215.174160442.59	558215	4160443
558215.174160452.59	558215	4160453
558215.174160462.59	558215	4160463
558215.174160472.59	558215	4160473
558225.174160362.59	558225	4160363
558225.174160372.59	558225	4160373
558225.174160382.59	558225	4160383
558225.174160392.59	558225	4160393
558225.174160402.59	558225	4160403
558225.174160412.59	558225	4160413
558225.174160422.59	558225	4160423
558225.174160432.59	558225	4160433
558225.174160442.59	558225	4160443
558225.174160452.59	558225	4160453
558225.174160462.59	558225	4160463
558225.174160472.59	558225	4160473
558225.174160482.59	558225	4160483
558235.174160362.59	558235	4160363
558235.174160372.59	558235	4160373
558235.174160382.59	558235	4160383
558235.174160392.59	558235	4160393
558235.174160402.59	558235	4160403
558235.174160412.59	558235	4160413
558235.174160422.59	558235	4160423
558235.174160432.59	558235	4160433
558235.174160442.59	558235	4160443
558235.174160452.59	558235	4160453
558235.174160462.59	558235	4160463
558235.174160472.59	558235	4160473
558235.174160482.59	558235	4160483
558235.174160492.59	558235	4160493
558245.174160362.59	558245	4160363
558245.174160372.59	558245	4160373
558245.174160382.59	558245	4160383
558245.174160392.59	558245	4160393
558245.174160402.59	558245	4160403
558245.174160412.59	558245	4160413
558245.174160422.59	558245	4160423
558245.174160432.59	558245	4160433
558245.174160442.59	558245	4160443
558245.174160452.59	558245	4160453
558245.174160462.59	558245	4160463
558245.174160472.59	558245	4160473
558245.174160482.59	558245	4160483
558245.174160492.59	558245	4160493
558245.174160502.59	558245	4160503
558255.174160362.59	558255	4160363
558255.174160372.59	558255	4160373
558255.174160382.59	558255	4160383
558255.174160392.59	558255	4160393
558255.174160402.59	558255	4160403
558255.174160412.59	558255	4160413
558255.174160422.59	558255	4160423
558255.174160432.59	558255	4160433
558255.174160442.59	558255	4160443
558255.174160452.59	558255	4160453
558255.174160462.59	558255	4160463
558255.174160472.59	558255	4160473
558255.174160482.59	558255	4160483
558255.174160492.59	558255	4160493
558255.174160502.59	558255	4160503
558255.174160512.59	558255	4160513
558265.174160362.59	558265	4160363
558265.174160372.59	558265	4160373
558265.174160382.59	558265	4160383

Max Project Chronic HI

XY	X	Y	GROUP	GROUP2	CHRONIC HI Year 1	Year 2	Year 3	Year 4
558215.174160372.59	558215.17	4160372.59	WRKR_194	WORKER	2.86E-03	2.14E-03	2.72E-03	3.91E-03
558215.174160382.59	558215.17	4160382.59	WRKR_195	WORKER	3.06E-03	2.29E-03	2.91E-03	4.18E-03
558215.174160392.59	558215.17	4160392.59	WRKR_196	WORKER	3.27E-03	2.45E-03	3.12E-03	4.48E-03
558215.174160402.59	558215.17	4160402.59	WRKR_197	WORKER	3.52E-03	2.63E-03	3.35E-03	4.81E-03
558215.174160412.59	558215.17	4160412.59	WRKR_198	WORKER	3.79E-03	2.83E-03	3.61E-03	5.18E-03
558215.174160422.59	558215.17	4160422.59	WRKR_199	WORKER	4.08E-03	3.05E-03	3.89E-03	5.58E-03
558215.174160432.59	558215.17	4160432.59	WRKR_200	WORKER	4.41E-03	3.30E-03	4.21E-03	6.03E-03
558215.174160442.59	558215.17	4160442.59	WRKR_201	WORKER	4.79E-03	3.58E-03	4.56E-03	6.55E-03
558215.174160452.59	558215.17	4160452.59	WRKR_202	WORKER	5.21E-03	3.90E-03	4.97E-03	7.12E-03
558215.174160462.59	558215.17	4160462.59	WRKR_203	WORKER	5.66E-03	4.24E-03	5.39E-03	7.74E-03
558215.174160472.59	558215.17	4160472.59	WRKR_204	WORKER	6.19E-03	4.63E-03	5.90E-03	8.46E-03
558225.174160362.59	558225.17	4160362.59	WRKR_205	WORKER	2.62E-03	1.96E-03	2.49E-03	3.57E-03
558225.174160372.59	558225.17	4160372.59	WRKR_206	WORKER	2.79E-03	2.09E-03	2.66E-03	3.82E-03
558225.174160382.59	558225.17	4160382.59	WRKR_207	WORKER	2.99E-03	2.24E-03	2.85E-03	4.08E-03
558225.174160392.59	558225.17	4160392.59	WRKR_208	WORKER	3.20E-03	2.39E-03	3.05E-03	4.37E-03
558225.174160402.59	558225.17	4160402.59	WRKR_209	WORKER	3.43E-03	2.57E-03	3.27E-03	4.69E-03
558225.174160412.59	558225.17	4160412.59	WRKR_210	WORKER	3.69E-03	2.76E-03	3.52E-03	5.05E-03
558225.174160422.59	558225.17	4160422.59	WRKR_211	WORKER	3.98E-03	2.98E-03	3.79E-03	5.44E-03
558225.174160432.59	558225.17	4160432.59	WRKR_212	WORKER	4.31E-03	3.22E-03	4.10E-03	5.89E-03
558225.174160442.59	558225.17	4160442.59	WRKR_213	WORKER	4.67E-03	3.50E-03	4.45E-03	6.38E-03
558225.174160452.59	558225.17	4160452.59	WRKR_214	WORKER	5.08E-03	3.80E-03	4.84E-03	6.94E-03
558225.174160462.59	558225.17	4160462.59	WRKR_215	WORKER	5.54E-03	4.15E-03	5.28E-03	7.58E-03
558225.174160472.59	558225.17	4160472.59	WRKR_216	WORKER	6.05E-03	4.53E-03	5.77E-03	8.28E-03
558225.174160482.59	558225.17	4160482.59	WRKR_217	WORKER	6.64E-03	4.97E-03	6.33E-03	9.07E-03
558235.174160362.59	558235.17	4160362.59	WRKR_218	WORKER	2.55E-03	1.91E-03	2.43E-03	3.49E-03
558235.174160372.59	558235.17	4160372.59	WRKR_219	WORKER	2.72E-03	2.04E-03	2.59E-03	3.72E-03
558235.174160382.59	558235.17	4160382.59	WRKR_220	WORKER	2.91E-03	2.18E-03	2.77E-03	3.98E-03
558235.174160392.59	558235.17	4160392.59	WRKR_221	WORKER	3.12E-03	2.33E-03	2.97E-03	4.26E-03
558235.174160402.59	558235.17	4160402.59	WRKR_222	WORKER	3.35E-03	2.51E-03	3.19E-03	4.57E-03
558235.174160412.59	558235.17	4160412.59	WRKR_223	WORKER	3.60E-03	2.69E-03	3.43E-03	4.92E-03
558235.174160422.59	558235.17	4160422.59	WRKR_224	WORKER	3.88E-03	2.90E-03	3.70E-03	5.30E-03
558235.174160432.59	558235.17	4160432.59	WRKR_225	WORKER	4.19E-03	3.14E-03	4.00E-03	5.73E-03
558235.174160442.59	558235.17	4160442.59	WRKR_226	WORKER	4.54E-03	3.40E-03	4.33E-03	6.21E-03
558235.174160452.59	558235.17	4160452.59	WRKR_227	WORKER	4.94E-03	3.70E-03	4.71E-03	6.75E-03
558235.174160462.59	558235.17	4160462.59	WRKR_228	WORKER	5.40E-03	4.04E-03	5.14E-03	7.37E-03
558235.174160472.59	558235.17	4160472.59	WRKR_229	WORKER	5.91E-03	4.43E-03	5.63E-03	8.08E-03
558235.174160482.59	558235.17	4160482.59	WRKR_230	WORKER	6.48E-03	4.85E-03	6.18E-03	8.86E-03
558235.174160492.59	558235.17	4160492.59	WRKR_231	WORKER	7.13E-03	5.33E-03	6.79E-03	9.74E-03
558245.174160362.59	558245.17	4160362.59	WRKR_232	WORKER	2.48E-03	1.86E-03	2.37E-03	3.40E-03
558245.174160372.59	558245.17	4160372.59	WRKR_233	WORKER	2.65E-03	1.98E-03	2.53E-03	3.62E-03
558245.174160382.59	558245.17	4160382.59	WRKR_234	WORKER	2.83E-03	2.12E-03	2.70E-03	3.87E-03
558245.174160392.59	558245.17	4160392.59	WRKR_235	WORKER	3.03E-03	2.27E-03	2.89E-03	4.15E-03
558245.174160402.59	558245.17	4160402.59	WRKR_236	WORKER	3.26E-03	2.44E-03	3.10E-03	4.45E-03
558245.174160412.59	558245.17	4160412.59	WRKR_237	WORKER	3.50E-03	2.62E-03	3.34E-03	4.78E-03
558245.174160422.59	558245.17	4160422.59	WRKR_238	WORKER	3.77E-03	2.82E-03	3.59E-03	5.16E-03
558245.174160432.59	558245.17	4160432.59	WRKR_239	WORKER	4.07E-03	3.05E-03	3.88E-03	5.57E-03
558245.174160442.59	558245.17	4160442.59	WRKR_240	WORKER	4.42E-03	3.30E-03	4.21E-03	6.03E-03
558245.174160452.59	558245.17	4160452.59	WRKR_241	WORKER	4.80E-03	3.59E-03	4.58E-03	6.56E-03
558245.174160462.59	558245.17	4160462.59	WRKR_242	WORKER	5.24E-03	3.92E-03	5.00E-03	7.17E-03
558245.174160472.59	558245.17	4160472.59	WRKR_243	WORKER	5.74E-03	4.29E-03	5.47E-03	7.84E-03
558245.174160482.59	558245.17	4160482.59	WRKR_244	WORKER	6.31E-03	4.72E-03	6.01E-03	8.62E-03
558245.174160492.59	558245.17	4160492.59	WRKR_245	WORKER	6.95E-03	5.20E-03	6.62E-03	9.50E-03
558245.174160502.59	558245.17	4160502.59	WRKR_246	WORKER	7.68E-03	5.74E-03	7.31E-03	1.05E-02
558255.174160362.59	558255.17	4160362.59	WRKR_247	WORKER	2.42E-03	1.81E-03	2.30E-03	3.30E-03
558255.174160372.59	558255.17	4160372.59	WRKR_248	WORKER	2.58E-03	1.93E-03	2.45E-03	3.52E-03
558255.174160382.59	558255.17	4160382.59	WRKR_249	WORKER	2.75E-03	2.06E-03	2.62E-03	3.76E-03
558255.174160392.59	558255.17	4160392.59	WRKR_250	WORKER	2.95E-03	2.21E-03	2.81E-03	4.03E-03
558255.174160402.59	558255.17	4160402.59	WRKR_251	WORKER	3.16E-03	2.37E-03	3.01E-03	4.32E-03
558255.174160412.59	558255.17	4160412.59	WRKR_252	WORKER	3.40E-03	2.55E-03	3.24E-03	4.65E-03
558255.174160422.59	558255.17	4160422.59	WRKR_253	WORKER	3.66E-03	2.74E-03	3.49E-03	5.01E-03
558255.174160432.59	558255.17	4160432.59	WRKR_254	WORKER	3.96E-03	2.96E-03	3.77E-03	5.41E-03
558255.174160442.59	558255.17	4160442.59	WRKR_255	WORKER	4.29E-03	3.21E-03	4.09E-03	5.86E-03
558255.174160452.59	558255.17	4160452.59	WRKR_256	WORKER	4.66E-03	3.49E-03	4.44E-03	6.37E-03
558255.174160462.59	558255.17	4160462.59	WRKR_257	WORKER	5.08E-03	3.81E-03	4.84E-03	6.95E-03
558255.174160472.59	558255.17	4160472.59	WRKR_258	WORKER	5.57E-03	4.17E-03	5.30E-03	7.61E-03
558255.174160482.59	558255.17	4160482.59	WRKR_259	WORKER	6.12E-03	4.58E-03	5.83E-03	8.37E-03
558255.174160492.59	558255.17	4160492.59	WRKR_260	WORKER	6.77E-03	5.07E-03	6.45E-03	9.25E-03
558255.174160502.59	558255.17	4160502.59	WRKR_261	WORKER	7.48E-03	5.60E-03	7.13E-03	1.02E-02
558255.174160512.59	558255.17	4160512.59	WRKR_262	WORKER	8.31E-03	6.22E-03	7.92E-03	1.14E-02
558265.174160362.59	558265.17	4160362.59	WRKR_263	WORKER	2.34E-03	1.76E-03	2.23E-03	3.21E-03
558265.174160372.59	558265.17	4160372.59	WRKR_264	WORKER	2.50E-03	1.87E-03	2.38E-03	3.42E-03
558265.174160382.59	558265.17	4160382.59	WRKR_265	WORKER	2.67E-03	2.00E-03	2.55E-03	3.65E-03

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

XY	X	Y
558265.174160392.59	558265	4160393
558265.174160402.59	558265	4160403
558265.174160412.59	558265	4160413
558265.174160422.59	558265	4160423
558265.174160432.59	558265	4160433
558265.174160442.59	558265	4160443
558265.174160452.59	558265	4160453
558265.174160462.59	558265	4160463
558265.174160472.59	558265	4160473
558265.174160482.59	558265	4160483
558265.174160492.59	558265	4160493
558265.174160502.59	558265	4160503
558265.174160512.59	558265	4160513
558265.174160522.59	558265	4160523
558275.174160362.59	558275	4160363
558275.174160372.59	558275	4160373
558275.174160382.59	558275	4160383
558275.174160392.59	558275	4160393
558275.174160402.59	558275	4160403
558275.174160412.59	558275	4160413
558275.174160422.59	558275	4160423
558275.174160432.59	558275	4160433
558275.174160442.59	558275	4160443
558275.174160452.59	558275	4160453
558275.174160462.59	558275	4160463
558275.174160472.59	558275	4160473
558275.174160482.59	558275	4160483
558275.174160492.59	558275	4160493
558275.174160502.59	558275	4160503
558275.174160512.59	558275	4160513
558275.174160522.59	558275	4160523
558275.174160532.59	558275	4160533
558285.174160362.59	558285	4160363
558285.174160372.59	558285	4160373
558285.174160382.59	558285	4160383
558285.174160392.59	558285	4160393
558285.174160402.59	558285	4160403
558285.174160412.59	558285	4160413
558285.174160422.59	558285	4160423
558285.174160432.59	558285	4160433
558285.174160442.59	558285	4160443
558285.174160452.59	558285	4160453
558285.174160462.59	558285	4160463
558285.174160472.59	558285	4160473
558285.174160482.59	558285	4160483
558285.174160492.59	558285	4160493
558285.174160502.59	558285	4160503
558285.174160512.59	558285	4160513
558285.174160522.59	558285	4160523
558285.174160532.59	558285	4160533
558295.174160362.59	558295	4160363
558295.174160372.59	558295	4160373
558295.174160382.59	558295	4160383
558295.174160392.59	558295	4160393
558295.174160402.59	558295	4160403
558295.174160412.59	558295	4160413
558295.174160422.59	558295	4160423
558295.174160432.59	558295	4160433
558295.174160442.59	558295	4160443
558295.174160452.59	558295	4160453
558295.174160462.59	558295	4160463
558295.174160472.59	558295	4160473
558295.174160482.59	558295	4160483
558295.174160492.59	558295	4160493
558295.174160502.59	558295	4160503
558295.174160512.59	558295	4160513
558295.174160522.59	558295	4160523
558295.174160532.59	558295	4160533
558305.174160362.59	558305	4160363
558305.174160372.59	558305	4160373
558305.174160382.59	558305	4160383
558305.174160392.59	558305	4160393

Max Project Chronic HI

XY	X	Y	GROUP	GROUP2	CHRONIC HI Year 1	Year 2	Year 3	Year 4
558265.174160392.59	558265.17	4160392.59	WRKR_266	WORKER	2.86E-03	2.14E-03	2.72E-03	3.91E-03
558265.174160402.59	558265.17	4160402.59	WRKR_267	WORKER	3.07E-03	2.30E-03	2.92E-03	4.19E-03
558265.174160412.59	558265.17	4160412.59	WRKR_268	WORKER	3.30E-03	2.47E-03	3.14E-03	4.51E-03
558265.174160422.59	558265.17	4160422.59	WRKR_269	WORKER	3.55E-03	2.66E-03	3.38E-03	4.86E-03
558265.174160432.59	558265.17	4160432.59	WRKR_270	WORKER	3.84E-03	2.87E-03	3.66E-03	5.25E-03
558265.174160442.59	558265.17	4160442.59	WRKR_271	WORKER	4.16E-03	3.11E-03	3.97E-03	5.69E-03
558265.174160452.59	558265.17	4160452.59	WRKR_272	WORKER	4.52E-03	3.38E-03	4.31E-03	6.18E-03
558265.174160462.59	558265.17	4160462.59	WRKR_273	WORKER	4.93E-03	3.69E-03	4.69E-03	6.73E-03
558265.174160472.59	558265.17	4160472.59	WRKR_274	WORKER	5.40E-03	4.04E-03	5.14E-03	7.38E-03
558265.174160482.59	558265.17	4160482.59	WRKR_275	WORKER	5.94E-03	4.45E-03	5.66E-03	8.12E-03
558265.174160492.59	558265.17	4160492.59	WRKR_276	WORKER	6.57E-03	4.92E-03	6.26E-03	8.98E-03
558265.174160502.59	558265.17	4160502.59	WRKR_277	WORKER	7.31E-03	5.47E-03	6.97E-03	9.99E-03
558265.174160512.59	558265.17	4160512.59	WRKR_278	WORKER	8.14E-03	6.09E-03	7.75E-03	1.11E-02
558265.174160522.59	558265.17	4160522.59	WRKR_279	WORKER	9.12E-03	6.83E-03	8.69E-03	1.25E-02
558275.174160362.59	558275.17	4160362.59	WRKR_280	WORKER	2.27E-03	1.70E-03	2.17E-03	3.11E-03
558275.174160372.59	558275.17	4160372.59	WRKR_281	WORKER	2.42E-03	1.81E-03	2.31E-03	3.31E-03
558275.174160382.59	558275.17	4160382.59	WRKR_282	WORKER	2.59E-03	1.94E-03	2.47E-03	3.54E-03
558275.174160392.59	558275.17	4160392.59	WRKR_283	WORKER	2.77E-03	2.07E-03	2.64E-03	3.79E-03
558275.174160402.59	558275.17	4160402.59	WRKR_284	WORKER	2.97E-03	2.22E-03	2.83E-03	4.06E-03
558275.174160412.59	558275.17	4160412.59	WRKR_285	WORKER	3.19E-03	2.39E-03	3.04E-03	4.37E-03
558275.174160422.59	558275.17	4160422.59	WRKR_286	WORKER	3.44E-03	2.58E-03	3.28E-03	4.70E-03
558275.174160432.59	558275.17	4160432.59	WRKR_287	WORKER	3.72E-03	2.78E-03	3.55E-03	5.08E-03
558275.174160442.59	558275.17	4160442.59	WRKR_288	WORKER	4.03E-03	3.02E-03	3.84E-03	5.51E-03
558275.174160452.59	558275.17	4160452.59	WRKR_289	WORKER	4.38E-03	3.28E-03	4.17E-03	5.99E-03
558275.174160462.59	558275.17	4160462.59	WRKR_290	WORKER	4.78E-03	3.58E-03	4.55E-03	6.53E-03
558275.174160472.59	558275.17	4160472.59	WRKR_291	WORKER	5.24E-03	3.92E-03	5.00E-03	7.17E-03
558275.174160482.59	558275.17	4160482.59	WRKR_292	WORKER	5.77E-03	4.32E-03	5.50E-03	7.89E-03
558275.174160492.59	558275.17	4160492.59	WRKR_293	WORKER	6.38E-03	4.78E-03	6.08E-03	8.73E-03
558275.174160502.59	558275.17	4160502.59	WRKR_294	WORKER	7.11E-03	5.32E-03	6.78E-03	9.72E-03
558275.174160512.59	558275.17	4160512.59	WRKR_295	WORKER	7.99E-03	5.98E-03	7.61E-03	1.09E-02
558275.174160522.59	558275.17	4160522.59	WRKR_296	WORKER	9.00E-03	6.73E-03	8.57E-03	1.23E-02
558275.174160532.59	558275.17	4160532.59	WRKR_297	WORKER	1.02E-02	7.63E-03	9.71E-03	1.39E-02
558285.174160362.59	558285.17	4160362.59	WRKR_298	WORKER	2.20E-03	1.65E-03	2.10E-03	3.01E-03
558285.174160372.59	558285.17	4160372.59	WRKR_299	WORKER	2.35E-03	1.76E-03	2.24E-03	3.21E-03
558285.174160382.59	558285.17	4160382.59	WRKR_300	WORKER	2.51E-03	1.88E-03	2.39E-03	3.43E-03
558285.174160392.59	558285.17	4160392.59	WRKR_301	WORKER	2.68E-03	2.01E-03	2.56E-03	3.67E-03
558285.174160402.59	558285.17	4160402.59	WRKR_302	WORKER	2.88E-03	2.15E-03	2.74E-03	3.93E-03
558285.174160412.59	558285.17	4160412.59	WRKR_303	WORKER	3.09E-03	2.31E-03	2.95E-03	4.23E-03
558285.174160422.59	558285.17	4160422.59	WRKR_304	WORKER	3.33E-03	2.50E-03	3.18E-03	4.56E-03
558285.174160432.59	558285.17	4160432.59	WRKR_305	WORKER	3.60E-03	2.70E-03	3.43E-03	4.92E-03
558285.174160442.59	558285.17	4160442.59	WRKR_306	WORKER	3.90E-03	2.92E-03	3.72E-03	5.34E-03
558285.174160452.59	558285.17	4160452.59	WRKR_307	WORKER	4.25E-03	3.18E-03	4.05E-03	5.80E-03
558285.174160462.59	558285.17	4160462.59	WRKR_308	WORKER	4.64E-03	3.47E-03	4.42E-03	6.34E-03
558285.174160472.59	558285.17	4160472.59	WRKR_309	WORKER	5.09E-03	3.81E-03	4.85E-03	6.96E-03
558285.174160482.59	558285.17	4160482.59	WRKR_310	WORKER	5.60E-03	4.20E-03	5.34E-03	7.66E-03
558285.174160492.59	558285.17	4160492.59	WRKR_311	WORKER	6.21E-03	4.65E-03	5.92E-03	8.48E-03
558285.174160502.59	558285.17	4160502.59	WRKR_312	WORKER	6.93E-03	5.19E-03	6.60E-03	9.47E-03
558285.174160512.59	558285.17	4160512.59	WRKR_313	WORKER	7.80E-03	5.84E-03	7.43E-03	1.07E-02
558285.174160522.59	558285.17	4160522.59	WRKR_314	WORKER	8.84E-03	6.61E-03	8.42E-03	1.21E-02
558285.174160532.59	558285.17	4160532.59	WRKR_315	WORKER	1.01E-02	7.52E-03	9.58E-03	1.37E-02
558295.174160362.59	558295.17	4160362.59	WRKR_316	WORKER	2.13E-03	1.60E-03	2.03E-03	2.91E-03
558295.174160372.59	558295.17	4160372.59	WRKR_317	WORKER	2.27E-03	1.70E-03	2.16E-03	3.10E-03
558295.174160382.59	558295.17	4160382.59	WRKR_318	WORKER	2.42E-03	1.81E-03	2.31E-03	3.31E-03
558295.174160392.59	558295.17	4160392.59	WRKR_319	WORKER	2.59E-03	1.94E-03	2.47E-03	3.54E-03
558295.174160402.59	558295.17	4160402.59	WRKR_320	WORKER	2.78E-03	2.08E-03	2.65E-03	3.80E-03
558295.174160412.59	558295.17	4160412.59	WRKR_321	WORKER	2.99E-03	2.24E-03	2.85E-03	4.09E-03
558295.174160422.59	558295.17	4160422.59	WRKR_322	WORKER	3.22E-03	2.41E-03	3.07E-03	4.41E-03
558295.174160432.59	558295.17	4160432.59	WRKR_323	WORKER	3.49E-03	2.61E-03	3.32E-03	4.77E-03
558295.174160442.59	558295.17	4160442.59	WRKR_324	WORKER	3.78E-03	2.83E-03	3.60E-03	5.17E-03
558295.174160452.59	558295.17	4160452.59	WRKR_325	WORKER	4.12E-03	3.08E-03	3.93E-03	5.63E-03
558295.174160462.59	558295.17	4160462.59	WRKR_326	WORKER	4.50E-03	3.37E-03	4.29E-03	6.16E-03
558295.174160472.59	558295.17	4160472.59	WRKR_327	WORKER	4.94E-03	3.70E-03	4.71E-03	6.76E-03
558295.174160482.59	558295.17	4160482.59	WRKR_328	WORKER	5.45E-03	4.08E-03	5.20E-03	7.46E-03
558295.174160492.59	558295.17	4160492.59	WRKR_329	WORKER	6.05E-03	4.53E-03	5.77E-03	8.27E-03
558295.174160502.59	558295.17	4160502.59	WRKR_330	WORKER	6.76E-03	5.06E-03	6.44E-03	9.24E-03
558295.174160512.59	558295.17	4160512.59	WRKR_331	WORKER	7.63E-03	5.71E-03	7.27E-03	1.04E-02
558295.174160522.59	558295.17	4160522.59	WRKR_332	WORKER	8.67E-03	6.49E-03	8.26E-03	1.19E-02
558295.174160532.59	558295.17	4160532.59	WRKR_333	WORKER	9.90E-03	7.41E-03	9.44E-03	1.35E-02
558305.174160362.59	558305.17	4160362.59	WRKR_334	WORKER	2.06E-03	1.54E-03	1.96E-03	2.82E-03
558305.174160372.59	558305.17	4160372.59	WRKR_335	WORKER	2.19E-03	1.64E-03	2.09E-03	3.00E-03
558305.174160382.59	558305.17	4160382.59	WRKR_336	WORKER	2.34E-03	1.75E-03	2.23E-03	3.20E-03
558305.174160392.59	558305.17	4160392.59	WRKR_337	WORKER	2.51E-03	1.88E-03	2.39E-03	3.42E-03

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

XY	X	Y
558305.174160402.59	558305	4160403
558305.174160412.59	558305	4160413
558305.174160422.59	558305	4160423
558305.174160432.59	558305	4160433
558305.174160442.59	558305	4160443
558305.174160452.59	558305	4160453
558305.174160462.59	558305	4160463
558305.174160472.59	558305	4160473
558305.174160482.59	558305	4160483
558305.174160492.59	558305	4160493
558305.174160502.59	558305	4160503
558305.174160512.59	558305	4160513
558305.174160522.59	558305	4160523
558305.174160532.59	558305	4160533
558315.174160362.59	558315	4160363
558315.174160372.59	558315	4160373
558315.174160382.59	558315	4160383
558315.174160392.59	558315	4160393
558315.174160402.59	558315	4160403
558315.174160412.59	558315	4160413
558315.174160422.59	558315	4160423
558315.174160432.59	558315	4160433
558315.174160442.59	558315	4160443
558315.174160452.59	558315	4160453
558315.174160462.59	558315	4160463
558315.174160472.59	558315	4160473
558315.174160482.59	558315	4160483
558315.174160492.59	558315	4160493
558315.174160502.59	558315	4160503
558315.174160512.59	558315	4160513
558315.174160522.59	558315	4160523
558315.174160532.59	558315	4160533
558325.174160362.59	558325	4160363
558325.174160372.59	558325	4160373
558325.174160382.59	558325	4160383
558325.174160392.59	558325	4160393
558325.174160402.59	558325	4160403
558325.174160412.59	558325	4160413
558325.174160422.59	558325	4160423
558325.174160432.59	558325	4160433
558325.174160442.59	558325	4160443
558325.174160452.59	558325	4160453
558325.174160462.59	558325	4160463
558325.174160472.59	558325	4160473
558325.174160482.59	558325	4160483
558325.174160492.59	558325	4160493
558325.174160502.59	558325	4160503
558325.174160512.59	558325	4160513
558325.174160522.59	558325	4160523
558325.174160532.59	558325	4160533
558335.174160362.59	558335	4160363
558335.174160372.59	558335	4160373
558335.174160382.59	558335	4160383
558335.174160392.59	558335	4160393
558335.174160402.59	558335	4160403
558335.174160412.59	558335	4160413
558335.174160422.59	558335	4160423
558335.174160432.59	558335	4160433
558335.174160442.59	558335	4160443
558335.174160452.59	558335	4160453
558335.174160462.59	558335	4160463
558335.174160472.59	558335	4160473
558335.174160482.59	558335	4160483
558335.174160492.59	558335	4160493
558335.174160502.59	558335	4160503
558335.174160512.59	558335	4160513
558335.174160522.59	558335	4160523
558335.174160532.59	558335	4160533
558345.174160362.59	558345	4160363
558345.174160372.59	558345	4160373
558345.174160382.59	558345	4160383
558345.174160392.59	558345	4160393

Max Project Chronic HI

XY	X	Y	GROUP	GROUP2	CHRONIC HI Year 1	Year 2	Year 3	Year 4
558305.174160402.59	558305.17	4160402.59	WRKR_338	WORKER	2.69E-03	2.01E-03	2.56E-03	3.67E-03
558305.174160412.59	558305.17	4160412.59	WRKR_339	WORKER	2.89E-03	2.16E-03	2.75E-03	3.95E-03
558305.174160422.59	558305.17	4160422.59	WRKR_340	WORKER	3.12E-03	2.33E-03	2.97E-03	4.26E-03
558305.174160432.59	558305.17	4160432.59	WRKR_341	WORKER	3.37E-03	2.52E-03	3.21E-03	4.61E-03
558305.174160442.59	558305.17	4160442.59	WRKR_342	WORKER	3.66E-03	2.74E-03	3.49E-03	5.01E-03
558305.174160452.59	558305.17	4160452.59	WRKR_343	WORKER	3.99E-03	2.99E-03	3.80E-03	5.46E-03
558305.174160462.59	558305.17	4160462.59	WRKR_344	WORKER	4.37E-03	3.27E-03	4.16E-03	5.97E-03
558305.174160472.59	558305.17	4160472.59	WRKR_345	WORKER	4.80E-03	3.60E-03	4.58E-03	6.57E-03
558305.174160482.59	558305.17	4160482.59	WRKR_346	WORKER	5.31E-03	3.97E-03	5.06E-03	7.26E-03
558305.174160492.59	558305.17	4160492.59	WRKR_347	WORKER	5.91E-03	4.42E-03	5.63E-03	8.07E-03
558305.174160502.59	558305.17	4160502.59	WRKR_348	WORKER	6.62E-03	4.95E-03	6.30E-03	9.04E-03
558305.174160512.59	558305.17	4160512.59	WRKR_349	WORKER	7.48E-03	5.60E-03	7.13E-03	1.02E-02
558305.174160522.59	558305.17	4160522.59	WRKR_350	WORKER	8.52E-03	6.38E-03	8.12E-03	1.16E-02
558305.174160532.59	558305.17	4160532.59	WRKR_351	WORKER	9.75E-03	7.30E-03	9.29E-03	1.33E-02
558315.174160362.59	558315.17	4160362.59	WRKR_352	WORKER	1.99E-03	1.49E-03	1.90E-03	2.72E-03
558315.174160372.59	558315.17	4160372.59	WRKR_353	WORKER	2.12E-03	1.59E-03	2.02E-03	2.90E-03
558315.174160382.59	558315.17	4160382.59	WRKR_354	WORKER	2.26E-03	1.69E-03	2.16E-03	3.09E-03
558315.174160392.59	558315.17	4160392.59	WRKR_355	WORKER	2.42E-03	1.81E-03	2.31E-03	3.31E-03
558315.174160402.59	558315.17	4160402.59	WRKR_356	WORKER	2.60E-03	1.94E-03	2.47E-03	3.55E-03
558315.174160412.59	558315.17	4160412.59	WRKR_357	WORKER	2.79E-03	2.09E-03	2.66E-03	3.82E-03
558315.174160422.59	558315.17	4160422.59	WRKR_358	WORKER	3.01E-03	2.26E-03	2.87E-03	4.12E-03
558315.174160432.59	558315.17	4160432.59	WRKR_359	WORKER	3.26E-03	2.44E-03	3.11E-03	4.46E-03
558315.174160442.59	558315.17	4160442.59	WRKR_360	WORKER	3.54E-03	2.65E-03	3.38E-03	4.84E-03
558315.174160452.59	558315.17	4160452.59	WRKR_361	WORKER	3.87E-03	2.89E-03	3.69E-03	5.29E-03
558315.174160462.59	558315.17	4160462.59	WRKR_362	WORKER	4.24E-03	3.17E-03	4.04E-03	5.79E-03
558315.174160472.59	558315.17	4160472.59	WRKR_363	WORKER	4.67E-03	3.50E-03	4.45E-03	6.38E-03
558315.174160482.59	558315.17	4160482.59	WRKR_364	WORKER	5.17E-03	3.87E-03	4.93E-03	7.07E-03
558315.174160492.59	558315.17	4160492.59	WRKR_365	WORKER	5.77E-03	4.32E-03	5.50E-03	7.89E-03
558315.174160502.59	558315.17	4160502.59	WRKR_366	WORKER	6.48E-03	4.85E-03	6.18E-03	8.86E-03
558315.174160512.59	558315.17	4160512.59	WRKR_367	WORKER	7.34E-03	5.49E-03	6.99E-03	1.00E-02
558315.174160522.59	558315.17	4160522.59	WRKR_368	WORKER	8.37E-03	6.27E-03	7.98E-03	1.14E-02
558315.174160532.59	558315.17	4160532.59	WRKR_369	WORKER	9.58E-03	7.17E-03	9.13E-03	1.31E-02
558325.174160362.59	558325.17	4160362.59	WRKR_370	WORKER	1.92E-03	1.44E-03	1.83E-03	2.63E-03
558325.174160372.59	558325.17	4160372.59	WRKR_371	WORKER	2.05E-03	1.53E-03	1.95E-03	2.80E-03
558325.174160382.59	558325.17	4160382.59	WRKR_372	WORKER	2.18E-03	1.64E-03	2.08E-03	2.99E-03
558325.174160392.59	558325.17	4160392.59	WRKR_373	WORKER	2.34E-03	1.75E-03	2.23E-03	3.19E-03
558325.174160402.59	558325.17	4160402.59	WRKR_374	WORKER	2.51E-03	1.88E-03	2.39E-03	3.43E-03
558325.174160412.59	558325.17	4160412.59	WRKR_375	WORKER	2.70E-03	2.02E-03	2.57E-03	3.69E-03
558325.174160422.59	558325.17	4160422.59	WRKR_376	WORKER	2.91E-03	2.18E-03	2.77E-03	3.98E-03
558325.174160432.59	558325.17	4160432.59	WRKR_377	WORKER	3.15E-03	2.36E-03	3.01E-03	4.31E-03
558325.174160442.59	558325.17	4160442.59	WRKR_378	WORKER	3.43E-03	2.57E-03	3.27E-03	4.69E-03
558325.174160452.59	558325.17	4160452.59	WRKR_379	WORKER	3.75E-03	2.81E-03	3.57E-03	5.12E-03
558325.174160462.59	558325.17	4160462.59	WRKR_380	WORKER	4.11E-03	3.08E-03	3.92E-03	5.62E-03
558325.174160472.59	558325.17	4160472.59	WRKR_381	WORKER	4.54E-03	3.40E-03	4.33E-03	6.21E-03
558325.174160482.59	558325.17	4160482.59	WRKR_382	WORKER	5.04E-03	3.78E-03	4.81E-03	6.89E-03
558325.174160492.59	558325.17	4160492.59	WRKR_383	WORKER	5.64E-03	4.22E-03	5.37E-03	7.70E-03
558325.174160502.59	558325.17	4160502.59	WRKR_384	WORKER	6.35E-03	4.75E-03	6.05E-03	8.67E-03
558325.174160512.59	558325.17	4160512.59	WRKR_385	WORKER	7.20E-03	5.39E-03	6.86E-03	9.84E-03
558325.174160522.59	558325.17	4160522.59	WRKR_386	WORKER	8.21E-03	6.15E-03	7.83E-03	1.12E-02
558325.174160532.59	558325.17	4160532.59	WRKR_387	WORKER	9.40E-03	7.03E-03	8.96E-03	1.28E-02
558335.174160362.59	558335.17	4160362.59	WRKR_388	WORKER	1.86E-03	1.39E-03	1.77E-03	2.54E-03
558335.174160372.59	558335.17	4160372.59	WRKR_389	WORKER	1.98E-03	1.48E-03	1.88E-03	2.70E-03
558335.174160382.59	558335.17	4160382.59	WRKR_390	WORKER	2.11E-03	1.58E-03	2.01E-03	2.88E-03
558335.174160392.59	558335.17	4160392.59	WRKR_391	WORKER	2.26E-03	1.69E-03	2.15E-03	3.08E-03
558335.174160402.59	558335.17	4160402.59	WRKR_392	WORKER	2.42E-03	1.81E-03	2.31E-03	3.31E-03
558335.174160412.59	558335.17	4160412.59	WRKR_393	WORKER	2.61E-03	1.95E-03	2.48E-03	3.56E-03
558335.174160422.59	558335.17	4160422.59	WRKR_394	WORKER	2.82E-03	2.11E-03	2.68E-03	3.85E-03
558335.174160432.59	558335.17	4160432.59	WRKR_395	WORKER	3.05E-03	2.29E-03	2.91E-03	4.17E-03
558335.174160442.59	558335.17	4160442.59	WRKR_396	WORKER	3.32E-03	2.49E-03	3.17E-03	4.54E-03
558335.174160452.59	558335.17	4160452.59	WRKR_397	WORKER	3.63E-03	2.72E-03	3.46E-03	4.97E-03
558335.174160462.59	558335.17	4160462.59	WRKR_398	WORKER	3.99E-03	2.99E-03	3.81E-03	5.46E-03
558335.174160472.59	558335.17	4160472.59	WRKR_399	WORKER	4.42E-03	3.31E-03	4.21E-03	6.04E-03
558335.174160482.59	558335.17	4160482.59	WRKR_400	WORKER	4.92E-03	3.68E-03	4.68E-03	6.72E-03
558335.174160492.59	558335.17	4160492.59	WRKR_401	WORKER	5.51E-03	4.12E-03	5.25E-03	7.53E-03
558335.174160502.59	558335.17	4160502.59	WRKR_402	WORKER	6.21E-03	4.65E-03	5.92E-03	8.49E-03
558335.174160512.59	558335.17	4160512.59	WRKR_403	WORKER	7.05E-03	5.28E-03	6.72E-03	9.63E-03
558335.174160522.59	558335.17	4160522.59	WRKR_404	WORKER	8.04E-03	6.02E-03	7.66E-03	1.10E-02
558335.174160532.59	558335.17	4160532.59	WRKR_405	WORKER	9.19E-03	6.88E-03	8.76E-03	1.26E-02
558345.174160362.59	558345.17	4160362.59	WRKR_406	WORKER	1.79E-03	1.34E-03	1.71E-03	2.45E-03
558345.174160372.59	558345.17	4160372.59	WRKR_407	WORKER	1.91E-03	1.43E-03	1.82E-03	2.61E-03
558345.174160382.59	558345.17	4160382.59	WRKR_408	WORKER	2.04E-03	1.53E-03	1.94E-03	2.79E-03
558345.174160392.59	558345.17	4160392.59	WRKR_409	WORKER	2.18E-03	1.63E-03	2.08E-03	2.98E-03

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

XY	X	Y
558345.174160402.59	558345	4160403
558345.174160412.59	558345	4160413
558345.174160422.59	558345	4160423
558345.174160432.59	558345	4160433
558345.174160442.59	558345	4160443
558345.174160452.59	558345	4160453
558345.174160462.59	558345	4160463
558345.174160472.59	558345	4160473
558345.174160482.59	558345	4160483
558345.174160492.59	558345	4160493
558345.174160502.59	558345	4160503
558345.174160512.59	558345	4160513
558345.174160522.59	558345	4160523
558345.174160532.59	558345	4160533
558355.174160362.59	558355	4160363
558355.174160372.59	558355	4160373
558355.174160382.59	558355	4160383
558355.174160392.59	558355	4160393
558355.174160402.59	558355	4160403
558355.174160412.59	558355	4160413
558355.174160422.59	558355	4160423
558355.174160432.59	558355	4160433
558355.174160442.59	558355	4160443
558355.174160452.59	558355	4160453
558355.174160462.59	558355	4160463
558355.174160472.59	558355	4160473
558355.174160482.59	558355	4160483
558355.174160492.59	558355	4160493
558355.174160502.59	558355	4160503
558355.174160512.59	558355	4160513
558355.174160522.59	558355	4160523
558355.174160532.59	558355	4160533
558365.174160362.59	558365	4160363
558365.174160372.59	558365	4160373
558365.174160382.59	558365	4160383
558365.174160392.59	558365	4160393
558365.174160402.59	558365	4160403
558365.174160412.59	558365	4160413
558365.174160422.59	558365	4160423
558365.174160432.59	558365	4160433
558365.174160442.59	558365	4160443
558365.174160452.59	558365	4160453
558365.174160462.59	558365	4160463
558365.174160472.59	558365	4160473
558365.174160482.59	558365	4160483
558365.174160492.59	558365	4160493
558365.174160502.59	558365	4160503
558365.174160512.59	558365	4160513
558365.174160522.59	558365	4160523
558365.174160532.59	558365	4160533
558375.174160362.59	558375	4160363
558375.174160372.59	558375	4160373
558375.174160382.59	558375	4160383
558375.174160392.59	558375	4160393
558375.174160402.59	558375	4160403
558375.174160412.59	558375	4160413
558375.174160422.59	558375	4160423
558375.174160432.59	558375	4160433
558375.174160442.59	558375	4160443
558375.174160452.59	558375	4160453
558375.174160462.59	558375	4160463
558375.174160472.59	558375	4160473
558375.174160482.59	558375	4160483
558375.174160492.59	558375	4160493
558375.174160502.59	558375	4160503
558375.174160512.59	558375	4160513
558375.174160522.59	558375	4160523
558375.174160532.59	558375	4160533
558385.174160362.59	558385	4160363
558385.174160372.59	558385	4160373
558385.174160382.59	558385	4160383
558385.174160392.59	558385	4160393

Max Project Chronic HI

XY	X	Y	GROUP	GROUP2	CHRONIC HI Year 1	Year 2	Year 3	Year 4
558345.174160402.59	558345.17	4160402.59	WRKR_410	WORKER	2.34E-03	1.75E-03	2.23E-03	3.20E-03
558345.174160412.59	558345.17	4160412.59	WRKR_411	WORKER	2.52E-03	1.89E-03	2.40E-03	3.45E-03
558345.174160422.59	558345.17	4160422.59	WRKR_412	WORKER	2.72E-03	2.04E-03	2.60E-03	3.72E-03
558345.174160432.59	558345.17	4160432.59	WRKR_413	WORKER	2.96E-03	2.21E-03	2.82E-03	4.04E-03
558345.174160442.59	558345.17	4160442.59	WRKR_414	WORKER	3.22E-03	2.41E-03	3.07E-03	4.41E-03
558345.174160452.59	558345.17	4160452.59	WRKR_415	WORKER	3.53E-03	2.64E-03	3.37E-03	4.83E-03
558345.174160462.59	558345.17	4160462.59	WRKR_416	WORKER	3.88E-03	2.91E-03	3.70E-03	5.31E-03
558345.174160472.59	558345.17	4160472.59	WRKR_417	WORKER	4.30E-03	3.22E-03	4.09E-03	5.87E-03
558345.174160482.59	558345.17	4160482.59	WRKR_418	WORKER	4.79E-03	3.58E-03	4.56E-03	6.54E-03
558345.174160492.59	558345.17	4160492.59	WRKR_419	WORKER	5.37E-03	4.02E-03	5.12E-03	7.34E-03
558345.174160502.59	558345.17	4160502.59	WRKR_420	WORKER	6.06E-03	4.54E-03	5.78E-03	8.28E-03
558345.174160512.59	558345.17	4160512.59	WRKR_421	WORKER	6.88E-03	5.15E-03	6.56E-03	9.40E-03
558345.174160522.59	558345.17	4160522.59	WRKR_422	WORKER	7.84E-03	5.87E-03	7.47E-03	1.07E-02
558345.174160532.59	558345.17	4160532.59	WRKR_423	WORKER	8.95E-03	6.70E-03	8.53E-03	1.22E-02
558355.174160362.59	558355.17	4160362.59	WRKR_424	WORKER	1.74E-03	1.30E-03	1.66E-03	2.37E-03
558355.174160372.59	558355.17	4160372.59	WRKR_425	WORKER	1.85E-03	1.38E-03	1.76E-03	2.53E-03
558355.174160382.59	558355.17	4160382.59	WRKR_426	WORKER	1.97E-03	1.48E-03	1.88E-03	2.70E-03
558355.174160392.59	558355.17	4160392.59	WRKR_427	WORKER	2.11E-03	1.58E-03	2.01E-03	2.89E-03
558355.174160402.59	558355.17	4160402.59	WRKR_428	WORKER	2.27E-03	1.70E-03	2.16E-03	3.10E-03
558355.174160412.59	558355.17	4160412.59	WRKR_429	WORKER	2.44E-03	1.83E-03	2.33E-03	3.34E-03
558355.174160422.59	558355.17	4160422.59	WRKR_430	WORKER	2.64E-03	1.98E-03	2.52E-03	3.61E-03
558355.174160432.59	558355.17	4160432.59	WRKR_431	WORKER	2.87E-03	2.15E-03	2.73E-03	3.92E-03
558355.174160442.59	558355.17	4160442.59	WRKR_432	WORKER	3.13E-03	2.34E-03	2.98E-03	4.28E-03
558355.174160452.59	558355.17	4160452.59	WRKR_433	WORKER	3.43E-03	2.57E-03	3.27E-03	4.69E-03
558355.174160462.59	558355.17	4160462.59	WRKR_434	WORKER	3.78E-03	2.83E-03	3.60E-03	5.17E-03
558355.174160472.59	558355.17	4160472.59	WRKR_435	WORKER	4.19E-03	3.14E-03	3.99E-03	5.72E-03
558355.174160482.59	558355.17	4160482.59	WRKR_436	WORKER	4.66E-03	3.49E-03	4.44E-03	6.37E-03
558355.174160492.59	558355.17	4160492.59	WRKR_437	WORKER	5.23E-03	3.91E-03	4.98E-03	7.15E-03
558355.174160502.59	558355.17	4160502.59	WRKR_438	WORKER	5.90E-03	4.42E-03	5.62E-03	8.06E-03
558355.174160512.59	558355.17	4160512.59	WRKR_439	WORKER	6.69E-03	5.01E-03	6.37E-03	9.14E-03
558355.174160522.59	558355.17	4160522.59	WRKR_440	WORKER	7.61E-03	5.69E-03	7.25E-03	1.04E-02
558355.174160532.59	558355.17	4160532.59	WRKR_441	WORKER	8.68E-03	6.50E-03	8.28E-03	1.19E-02
558365.174160362.59	558365.17	4160362.59	WRKR_442	WORKER	1.68E-03	1.26E-03	1.60E-03	2.30E-03
558365.174160372.59	558365.17	4160372.59	WRKR_443	WORKER	1.79E-03	1.34E-03	1.71E-03	2.45E-03
558365.174160382.59	558365.17	4160382.59	WRKR_444	WORKER	1.91E-03	1.43E-03	1.82E-03	2.61E-03
558365.174160392.59	558365.17	4160392.59	WRKR_445	WORKER	2.05E-03	1.53E-03	1.95E-03	2.80E-03
558365.174160402.59	558365.17	4160402.59	WRKR_446	WORKER	2.20E-03	1.65E-03	2.10E-03	3.01E-03
558365.174160412.59	558365.17	4160412.59	WRKR_447	WORKER	2.37E-03	1.77E-03	2.26E-03	3.24E-03
558365.174160422.59	558365.17	4160422.59	WRKR_448	WORKER	2.57E-03	1.92E-03	2.45E-03	3.51E-03
558365.174160432.59	558365.17	4160432.59	WRKR_449	WORKER	2.79E-03	2.09E-03	2.66E-03	3.81E-03
558365.174160442.59	558365.17	4160442.59	WRKR_450	WORKER	3.05E-03	2.28E-03	2.90E-03	4.16E-03
558365.174160452.59	558365.17	4160452.59	WRKR_451	WORKER	3.34E-03	2.50E-03	3.18E-03	4.57E-03
558365.174160462.59	558365.17	4160462.59	WRKR_452	WORKER	3.68E-03	2.76E-03	3.51E-03	5.04E-03
558365.174160472.59	558365.17	4160472.59	WRKR_453	WORKER	4.09E-03	3.06E-03	3.89E-03	5.59E-03
558365.174160482.59	558365.17	4160482.59	WRKR_454	WORKER	4.55E-03	3.41E-03	4.34E-03	6.22E-03
558365.174160492.59	558365.17	4160492.59	WRKR_455	WORKER	5.10E-03	3.82E-03	4.86E-03	6.97E-03
558365.174160502.59	558365.17	4160502.59	WRKR_456	WORKER	5.75E-03	4.30E-03	5.48E-03	7.85E-03
558365.174160512.59	558365.17	4160512.59	WRKR_457	WORKER	6.50E-03	4.87E-03	6.19E-03	8.88E-03
558365.174160522.59	558365.17	4160522.59	WRKR_458	WORKER	7.37E-03	5.52E-03	7.03E-03	1.01E-02
558365.174160532.59	558365.17	4160532.59	WRKR_459	WORKER	8.39E-03	6.28E-03	8.00E-03	1.15E-02
558375.174160362.59	558375.17	4160362.59	WRKR_460	WORKER	1.63E-03	1.22E-03	1.56E-03	2.23E-03
558375.174160372.59	558375.17	4160372.59	WRKR_461	WORKER	1.74E-03	1.30E-03	1.66E-03	2.38E-03
558375.174160382.59	558375.17	4160382.59	WRKR_462	WORKER	1.86E-03	1.39E-03	1.77E-03	2.54E-03
558375.174160392.59	558375.17	4160392.59	WRKR_463	WORKER	1.99E-03	1.49E-03	1.90E-03	2.72E-03
558375.174160402.59	558375.17	4160402.59	WRKR_464	WORKER	2.14E-03	1.60E-03	2.04E-03	2.92E-03
558375.174160412.59	558375.17	4160412.59	WRKR_465	WORKER	2.31E-03	1.73E-03	2.20E-03	3.15E-03
558375.174160422.59	558375.17	4160422.59	WRKR_466	WORKER	2.50E-03	1.87E-03	2.38E-03	3.42E-03
558375.174160432.59	558375.17	4160432.59	WRKR_467	WORKER	2.72E-03	2.04E-03	2.59E-03	3.72E-03
558375.174160442.59	558375.17	4160442.59	WRKR_468	WORKER	2.97E-03	2.22E-03	2.83E-03	4.06E-03
558375.174160452.59	558375.17	4160452.59	WRKR_469	WORKER	3.26E-03	2.44E-03	3.11E-03	4.46E-03
558375.174160462.59	558375.17	4160462.59	WRKR_470	WORKER	3.60E-03	2.69E-03	3.43E-03	4.92E-03
558375.174160472.59	558375.17	4160472.59	WRKR_471	WORKER	3.99E-03	2.99E-03	3.80E-03	5.46E-03
558375.174160482.59	558375.17	4160482.59	WRKR_472	WORKER	4.45E-03	3.33E-03	4.24E-03	6.08E-03
558375.174160492.59	558375.17	4160492.59	WRKR_473	WORKER	4.98E-03	3.73E-03	4.75E-03	6.81E-03
558375.174160502.59	558375.17	4160502.59	WRKR_474	WORKER	5.60E-03	4.19E-03	5.34E-03	7.66E-03
558375.174160512.59	558375.17	4160512.59	WRKR_475	WORKER	6.32E-03	4.73E-03	6.02E-03	8.64E-03
558375.174160522.59	558375.17	4160522.59	WRKR_476	WORKER	7.15E-03	5.35E-03	6.81E-03	9.77E-03
558375.174160532.59	558375.17	4160532.59	WRKR_477	WORKER	8.11E-03	6.07E-03	7.73E-03	1.11E-02
558385.174160362.59	558385.17	4160362.59	WRKR_478	WORKER	1.59E-03	1.19E-03	1.52E-03	2.17E-03
558385.174160372.59	558385.17	4160372.59	WRKR_479	WORKER	1.69E-03	1.27E-03	1.61E-03	2.31E-03
558385.174160382.59	558385.17	4160382.59	WRKR_480	WORKER	1.81E-03	1.35E-03	1.72E-03	2.47E-03
558385.174160392.59	558385.17	4160392.59	WRKR_481	WORKER	1.94E-03	1.45E-03	1.85E-03	2.65E-03

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

XY	X	Y
558385.174160402.59	558385	4160403
558385.174160412.59	558385	4160413
558385.174160422.59	558385	4160423
558385.174160432.59	558385	4160433
558385.174160442.59	558385	4160443
558385.174160452.59	558385	4160453
558385.174160462.59	558385	4160463
558385.174160472.59	558385	4160473
558385.174160482.59	558385	4160483
558385.174160492.59	558385	4160493
558385.174160502.59	558385	4160503
558385.174160512.59	558385	4160513
558385.174160522.59	558385	4160523
558385.174160532.59	558385	4160533
558395.174160362.59	558395	4160363
558395.174160372.59	558395	4160373
558395.174160382.59	558395	4160383
558395.174160392.59	558395	4160393
558395.174160402.59	558395	4160403
558395.174160412.59	558395	4160413
558395.174160422.59	558395	4160423
558395.174160432.59	558395	4160433
558395.174160442.59	558395	4160443
558395.174160452.59	558395	4160453
558395.174160462.59	558395	4160463
558395.174160472.59	558395	4160473
558395.174160482.59	558395	4160483
558395.174160492.59	558395	4160493
558395.174160502.59	558395	4160503
558395.174160512.59	558395	4160513
557513.484160678.78	557513	4160679
557513.484160688.78	557513	4160689
557513.484160698.78	557513	4160699
557513.484160708.78	557513	4160709
557513.484160718.78	557513	4160719
557513.484160728.78	557513	4160729
557523.484160678.78	557523	4160679
557523.484160688.78	557523	4160689
557523.484160698.78	557523	4160699
557523.484160708.78	557523	4160709
557523.484160718.78	557523	4160719
557523.484160728.78	557523	4160729
557533.484160678.78	557533	4160679
557533.484160688.78	557533	4160689
557533.484160698.78	557533	4160699
557533.484160708.78	557533	4160709
557533.484160718.78	557533	4160719
557533.484160728.78	557533	4160729
557543.484160678.78	557543	4160679
557543.484160688.78	557543	4160689
557543.484160698.78	557543	4160699
557543.484160708.78	557543	4160709
557543.484160718.78	557543	4160719
557543.484160728.78	557543	4160729
557553.484160678.78	557553	4160679
557553.484160688.78	557553	4160689
557553.484160698.78	557553	4160699
557553.484160708.78	557553	4160709
557553.484160718.78	557553	4160719
557553.484160728.78	557553	4160729
557563.484160678.78	557563	4160679
557563.484160688.78	557563	4160689
557563.484160698.78	557563	4160699
557563.484160708.78	557563	4160709
557563.484160718.78	557563	4160719
557563.484160728.78	557563	4160729
557573.484160678.78	557573	4160679
557573.484160688.78	557573	4160689
557573.484160698.78	557573	4160699
557573.484160708.78	557573	4160709
557573.484160718.78	557573	4160719
557573.484160728.78	557573	4160729

Max Project Chronic HI

XY	X	Y	GROUP	GROUP2	CHRONIC HI Year 1	Year 2	Year 3	Year 4
558385.174160402.59	558385.17	4160402.59	WRKR_482	WORKER	2.09E-03	1.56E-03	1.99E-03	2.85E-03
558385.174160412.59	558385.17	4160412.59	WRKR_483	WORKER	2.25E-03	1.69E-03	2.15E-03	3.08E-03
558385.174160422.59	558385.17	4160422.59	WRKR_484	WORKER	2.44E-03	1.83E-03	2.33E-03	3.34E-03
558385.174160432.59	558385.17	4160432.59	WRKR_485	WORKER	2.66E-03	1.99E-03	2.53E-03	3.63E-03
558385.174160442.59	558385.17	4160442.59	WRKR_486	WORKER	2.91E-03	2.18E-03	2.77E-03	3.97E-03
558385.174160452.59	558385.17	4160452.59	WRKR_487	WORKER	3.19E-03	2.39E-03	3.04E-03	4.36E-03
558385.174160462.59	558385.17	4160462.59	WRKR_488	WORKER	3.52E-03	2.64E-03	3.36E-03	4.82E-03
558385.174160472.59	558385.17	4160472.59	WRKR_489	WORKER	3.91E-03	2.93E-03	3.72E-03	5.34E-03
558385.174160482.59	558385.17	4160482.59	WRKR_490	WORKER	4.35E-03	3.26E-03	4.15E-03	5.95E-03
558385.174160492.59	558385.17	4160492.59	WRKR_491	WORKER	4.87E-03	3.65E-03	4.64E-03	6.66E-03
558385.174160502.59	558385.17	4160502.59	WRKR_492	WORKER	5.46E-03	4.09E-03	5.21E-03	7.47E-03
558385.174160512.59	558385.17	4160512.59	WRKR_493	WORKER	6.15E-03	4.60E-03	5.86E-03	8.40E-03
558385.174160522.59	558385.17	4160522.59	WRKR_494	WORKER	6.93E-03	5.19E-03	6.60E-03	9.47E-03
558385.174160532.59	558385.17	4160532.59	WRKR_495	WORKER	7.82E-03	5.86E-03	7.46E-03	1.07E-02
558395.174160362.59	558395.17	4160362.59	WRKR_496	WORKER	1.55E-03	1.16E-03	1.48E-03	2.12E-03
558395.174160372.59	558395.17	4160372.59	WRKR_497	WORKER	1.65E-03	1.24E-03	1.58E-03	2.26E-03
558395.174160382.59	558395.17	4160382.59	WRKR_498	WORKER	1.77E-03	1.32E-03	1.68E-03	2.42E-03
558395.174160392.59	558395.17	4160392.59	WRKR_499	WORKER	1.90E-03	1.42E-03	1.81E-03	2.59E-03
558395.174160402.59	558395.17	4160402.59	WRKR_500	WORKER	2.04E-03	1.53E-03	1.95E-03	2.79E-03
558395.174160412.59	558395.17	4160412.59	WRKR_501	WORKER	2.21E-03	1.65E-03	2.10E-03	3.01E-03
558395.174160422.59	558395.17	4160422.59	WRKR_502	WORKER	2.39E-03	1.79E-03	2.28E-03	3.27E-03
558395.174160432.59	558395.17	4160432.59	WRKR_503	WORKER	2.61E-03	1.95E-03	2.49E-03	3.56E-03
558395.174160442.59	558395.17	4160442.59	WRKR_504	WORKER	2.85E-03	2.14E-03	2.72E-03	3.90E-03
558395.174160452.59	558395.17	4160452.59	WRKR_505	WORKER	3.13E-03	2.35E-03	2.99E-03	4.29E-03
558395.174160462.59	558395.17	4160462.59	WRKR_506	WORKER	3.46E-03	2.59E-03	3.30E-03	4.73E-03
558395.174160472.59	558395.17	4160472.59	WRKR_507	WORKER	3.84E-03	2.87E-03	3.66E-03	5.24E-03
558395.174160482.59	558395.17	4160482.59	WRKR_508	WORKER	4.27E-03	3.20E-03	4.07E-03	5.84E-03
558395.174160492.59	558395.17	4160492.59	WRKR_509	WORKER	4.77E-03	3.57E-03	4.55E-03	6.52E-03
558395.174160502.59	558395.17	4160502.59	WRKR_510	WORKER	5.34E-03	4.00E-03	5.09E-03	7.30E-03
558395.174160512.59	558395.17	4160512.59	WRKR_511	WORKER	5.99E-03	4.48E-03	5.71E-03	8.18E-03
557513.484160678.78	557513.48	4160678.78	HOTEL_1	RESIDENT	4.65E-04	3.48E-04	4.43E-04	6.36E-04
557513.484160688.78	557513.48	4160688.78	HOTEL_2	RESIDENT	4.64E-04	3.47E-04	4.42E-04	6.34E-04
557513.484160698.78	557513.48	4160698.78	HOTEL_3	RESIDENT	4.62E-04	3.46E-04	4.41E-04	6.32E-04
557513.484160708.78	557513.48	4160708.78	HOTEL_4	RESIDENT	4.62E-04	3.45E-04	4.40E-04	6.31E-04
557513.484160718.78	557513.48	4160718.78	HOTEL_5	RESIDENT	4.61E-04	3.45E-04	4.39E-04	6.30E-04
557513.484160728.78	557513.48	4160728.78	HOTEL_6	RESIDENT	4.61E-04	3.45E-04	4.39E-04	6.30E-04
557523.484160678.78	557523.48	4160678.78	HOTEL_7	RESIDENT	4.78E-04	3.57E-04	4.55E-04	6.53E-04
557523.484160688.78	557523.48	4160688.78	HOTEL_8	RESIDENT	4.76E-04	3.56E-04	4.54E-04	6.51E-04
557523.484160698.78	557523.48	4160698.78	HOTEL_9	RESIDENT	4.75E-04	3.55E-04	4.52E-04	6.49E-04
557523.484160708.78	557523.48	4160708.78	HOTEL_10	RESIDENT	4.74E-04	3.55E-04	4.51E-04	6.48E-04
557523.484160718.78	557523.48	4160718.78	HOTEL_11	RESIDENT	4.73E-04	3.54E-04	4.51E-04	6.47E-04
557523.484160728.78	557523.48	4160728.78	HOTEL_12	RESIDENT	4.73E-04	3.54E-04	4.51E-04	6.47E-04
557533.484160678.78	557533.48	4160678.78	HOTEL_13	RESIDENT	4.91E-04	3.68E-04	4.68E-04	6.71E-04
557533.484160688.78	557533.48	4160688.78	HOTEL_14	RESIDENT	4.90E-04	3.67E-04	4.67E-04	6.70E-04
557533.484160698.78	557533.48	4160698.78	HOTEL_15	RESIDENT	4.89E-04	3.66E-04	4.66E-04	6.68E-04
557533.484160708.78	557533.48	4160708.78	HOTEL_16	RESIDENT	4.87E-04	3.65E-04	4.64E-04	6.66E-04
557533.484160718.78	557533.48	4160718.78	HOTEL_17	RESIDENT	4.87E-04	3.64E-04	4.64E-04	6.65E-04
557533.484160728.78	557533.48	4160728.78	HOTEL_18	RESIDENT	4.87E-04	3.64E-04	4.64E-04	6.65E-04
557543.484160678.78	557543.48	4160678.78	HOTEL_19	RESIDENT	5.05E-04	3.78E-04	4.81E-04	6.91E-04
557543.484160688.78	557543.48	4160688.78	HOTEL_20	RESIDENT	5.04E-04	3.77E-04	4.80E-04	6.89E-04
557543.484160698.78	557543.48	4160698.78	HOTEL_21	RESIDENT	5.02E-04	3.76E-04	4.79E-04	6.87E-04
557543.484160708.78	557543.48	4160708.78	HOTEL_22	RESIDENT	5.02E-04	3.75E-04	4.78E-04	6.86E-04
557543.484160718.78	557543.48	4160718.78	HOTEL_23	RESIDENT	5.01E-04	3.75E-04	4.77E-04	6.84E-04
557543.484160728.78	557543.48	4160728.78	HOTEL_24	RESIDENT	5.01E-04	3.75E-04	4.77E-04	6.84E-04
557553.484160678.78	557553.48	4160678.78	HOTEL_25	RESIDENT	5.22E-04	3.91E-04	4.98E-04	7.14E-04
557553.484160688.78	557553.48	4160688.78	HOTEL_26	RESIDENT	5.20E-04	3.89E-04	4.96E-04	7.11E-04
557553.484160698.78	557553.48	4160698.78	HOTEL_27	RESIDENT	5.19E-04	3.89E-04	4.95E-04	7.09E-04
557553.484160708.78	557553.48	4160708.78	HOTEL_28	RESIDENT	5.18E-04	3.88E-04	4.94E-04	7.08E-04
557553.484160718.78	557553.48	4160718.78	HOTEL_29	RESIDENT	5.17E-04	3.87E-04	4.93E-04	7.07E-04
557553.484160728.78	557553.48	4160728.78	HOTEL_30	RESIDENT	5.17E-04	3.87E-04	4.92E-04	7.06E-04
557563.484160678.78	557563.48	4160678.78	HOTEL_31	RESIDENT	5.40E-04	4.04E-04	5.14E-04	7.38E-04
557563.484160688.78	557563.48	4160688.78	HOTEL_32	RESIDENT	5.37E-04	4.02E-04	5.12E-04	7.34E-04
557563.484160698.78	557563.48	4160698.78	HOTEL_33	RESIDENT	5.35E-04	4.01E-04	5.10E-04	7.32E-04
557563.484160708.78	557563.48	4160708.78	HOTEL_34	RESIDENT	5.34E-04	4.00E-04	5.09E-04	7.30E-04
557563.484160718.78	557563.48	4160718.78	HOTEL_35	RESIDENT	5.33E-04	3.99E-04	5.08E-04	7.28E-04
557563.484160728.78	557563.48	4160728.78	HOTEL_36	RESIDENT	5.33E-04	3.99E-04	5.08E-04	7.28E-04
557573.484160678.78	557573.48	4160678.78	HOTEL_37	RESIDENT	5.55E-04	4.15E-04	5.29E-04	7.58E-04
557573.484160688.78	557573.48	4160688.78	HOTEL_38	RESIDENT	5.54E-04	4.14E-04	5.28E-04	7.57E-04
557573.484160698.78	557573.48	4160698.78	HOTEL_39	RESIDENT	5.52E-04	4.13E-04	5.26E-04	7.54E-04
557573.484160708.78	557573.48	4160708.78	HOTEL_40	RESIDENT	5.51E-04	4.12E-04	5.25E-04	7.53E-04
557573.484160718.78	557573.48	4160718.78	HOTEL_41	RESIDENT	5.49E-04	4.11E-04	5.24E-04	7.51E-04
557573.484160728.78	557573.48	4160728.78	HOTEL_42	RESIDENT	5.49E-04	4.11E-04	5.23E-04	7.51E-04

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

XY	X	Y
557583.484160678.78	557583	4160679
557583.484160688.78	557583	4160689
557583.484160698.78	557583	4160699
557583.484160708.78	557583	4160709
557583.484160718.78	557583	4160719
557583.484160728.78	557583	4160729
557593.484160678.78	557593	4160679
557593.484160688.78	557593	4160689
557593.484160698.78	557593	4160699
557593.484160708.78	557593	4160709
557593.484160718.78	557593	4160719
557593.484160728.78	557593	4160729
557603.484160678.78	557603	4160679
557603.484160688.78	557603	4160689
557603.484160698.78	557603	4160699
557603.484160708.78	557603	4160709
557603.484160718.78	557603	4160719
557613.484160678.78	557613	4160679
557613.484160688.78	557613	4160689
557613.484160698.78	557613	4160699
557613.484160708.78	557613	4160709
557623.484160688.78	557623	4160689
557623.484160698.78	557623	4160699
557623.484160708.78	557623	4160709
558477.664160568.94	558478	4160569
558477.664160578.94	558478	4160579
558477.664160588.94	558478	4160589
558477.664160598.94	558478	4160599
558487.664160568.94	558488	4160569
558487.664160578.94	558488	4160579
558487.664160588.94	558488	4160589
558487.664160598.94	558488	4160599
558497.664160568.94	558498	4160569
558497.664160578.94	558498	4160579
558497.664160588.94	558498	4160589
558497.664160598.94	558498	4160599
558507.664160568.94	558508	4160569
558507.664160578.94	558508	4160579
558507.664160588.94	558508	4160589
558507.664160598.94	558508	4160599
558517.664160568.94	558518	4160569
558517.664160578.94	558518	4160579
558517.664160588.94	558518	4160589
558517.664160598.94	558518	4160599
558527.664160568.94	558528	4160569
558527.664160578.94	558528	4160579
558527.664160588.94	558528	4160589
558527.664160598.94	558528	4160599
558537.664160568.94	558538	4160569
558537.664160578.94	558538	4160579
558537.664160588.94	558538	4160589
558537.664160598.94	558538	4160599
558547.664160568.94	558548	4160569
558547.664160578.94	558548	4160579
558547.664160588.94	558548	4160589
558557.664160568.94	558558	4160569
558600.644160569.24	558601	4160569
558600.644160579.24	558601	4160579
558600.644160589.24	558601	4160589
558600.644160599.24	558601	4160599
558610.644160569.24	558611	4160569
558610.644160579.24	558611	4160579
558610.644160589.24	558611	4160589
558610.644160599.24	558611	4160599
558620.644160569.24	558621	4160569
558620.644160579.24	558621	4160579
558620.644160589.24	558621	4160589
558620.644160599.24	558621	4160599
558630.644160569.24	558631	4160569
558630.644160579.24	558631	4160579
558630.644160589.24	558631	4160589
558630.644160599.24	558631	4160599

Max Project Chronic HI

XY	X	Y	GROUP	GROUP2	CHRONIC HI Year 1	Year 2	Year 3	Year 4
557583.484160678.78	557583.48	4160678.78	HOTEL_43	RESIDENT	5.72E-04	4.28E-04	5.45E-04	7.81E-04
557583.484160688.78	557583.48	4160688.78	HOTEL_44	RESIDENT	5.70E-04	4.26E-04	5.43E-04	7.79E-04
557583.484160698.78	557583.48	4160698.78	HOTEL_45	RESIDENT	5.69E-04	4.26E-04	5.42E-04	7.77E-04
557583.484160708.78	557583.48	4160708.78	HOTEL_46	RESIDENT	5.68E-04	4.26E-04	5.42E-04	7.77E-04
557583.484160718.78	557583.48	4160718.78	HOTEL_47	RESIDENT	5.67E-04	4.24E-04	5.40E-04	7.75E-04
557583.484160728.78	557583.48	4160728.78	HOTEL_48	RESIDENT	5.66E-04	4.24E-04	5.40E-04	7.74E-04
557593.484160678.78	557593.48	4160678.78	HOTEL_49	RESIDENT	5.90E-04	4.42E-04	5.62E-04	8.07E-04
557593.484160688.78	557593.48	4160688.78	HOTEL_50	RESIDENT	5.89E-04	4.41E-04	5.61E-04	8.05E-04
557593.484160698.78	557593.48	4160698.78	HOTEL_51	RESIDENT	5.87E-04	4.39E-04	5.60E-04	8.03E-04
557593.484160708.78	557593.48	4160708.78	HOTEL_52	RESIDENT	5.86E-04	4.39E-04	5.59E-04	8.01E-04
557593.484160718.78	557593.48	4160718.78	HOTEL_53	RESIDENT	5.85E-04	4.38E-04	5.58E-04	8.00E-04
557593.484160728.78	557593.48	4160728.78	HOTEL_54	RESIDENT	5.85E-04	4.38E-04	5.57E-04	7.99E-04
557603.484160678.78	557603.48	4160678.78	HOTEL_55	RESIDENT	6.10E-04	4.56E-04	5.81E-04	8.33E-04
557603.484160688.78	557603.48	4160688.78	HOTEL_56	RESIDENT	6.08E-04	4.55E-04	5.80E-04	8.32E-04
557603.484160698.78	557603.48	4160698.78	HOTEL_57	RESIDENT	6.07E-04	4.54E-04	5.78E-04	8.29E-04
557603.484160708.78	557603.48	4160708.78	HOTEL_58	RESIDENT	6.05E-04	4.53E-04	5.77E-04	8.27E-04
557603.484160718.78	557603.48	4160718.78	HOTEL_59	RESIDENT	6.05E-04	4.53E-04	5.77E-04	8.27E-04
557613.484160678.78	557613.48	4160678.78	HOTEL_60	RESIDENT	6.32E-04	4.73E-04	6.03E-04	8.64E-04
557613.484160688.78	557613.48	4160688.78	HOTEL_61	RESIDENT	6.30E-04	4.72E-04	6.00E-04	8.61E-04
557613.484160698.78	557613.48	4160698.78	HOTEL_62	RESIDENT	6.28E-04	4.70E-04	5.98E-04	8.58E-04
557613.484160708.78	557613.48	4160708.78	HOTEL_63	RESIDENT	6.27E-04	4.69E-04	5.97E-04	8.56E-04
557623.484160688.78	557623.48	4160688.78	HOTEL_64	RESIDENT	6.52E-04	4.88E-04	6.21E-04	8.91E-04
557623.484160698.78	557623.48	4160698.78	HOTEL_65	RESIDENT	6.49E-04	4.86E-04	6.19E-04	8.87E-04
557623.484160708.78	557623.48	4160708.78	HOTEL_66	RESIDENT	6.49E-04	4.86E-04	6.18E-04	8.87E-04
558477.664160568.94	558477.66	4160568.94	WRKR_512	WORKER	8.41E-03	6.30E-03	8.02E-03	1.15E-02
558477.664160578.94	558477.66	4160578.94	WRKR_513	WORKER	9.24E-03	6.92E-03	8.80E-03	1.26E-02
558477.664160588.94	558477.66	4160588.94	WRKR_514	WORKER	1.01E-02	7.59E-03	9.66E-03	1.39E-02
558477.664160598.94	558477.66	4160598.94	WRKR_515	WORKER	1.11E-02	8.32E-03	1.06E-02	1.52E-02
558487.664160568.94	558487.66	4160568.94	WRKR_516	WORKER	8.01E-03	6.00E-03	7.64E-03	1.10E-02
558487.664160578.94	558487.66	4160578.94	WRKR_517	WORKER	8.73E-03	6.54E-03	8.32E-03	1.19E-02
558487.664160588.94	558487.66	4160588.94	WRKR_518	WORKER	9.50E-03	7.11E-03	9.05E-03	1.30E-02
558487.664160598.94	558487.66	4160598.94	WRKR_519	WORKER	1.03E-02	7.73E-03	9.84E-03	1.41E-02
558497.664160568.94	558497.66	4160568.94	WRKR_520	WORKER	7.73E-03	5.79E-03	7.37E-03	1.06E-02
558497.664160578.94	558497.66	4160578.94	WRKR_521	WORKER	8.38E-03	6.28E-03	7.99E-03	1.15E-02
558497.664160588.94	558497.66	4160588.94	WRKR_522	WORKER	9.07E-03	6.80E-03	8.65E-03	1.24E-02
558497.664160598.94	558497.66	4160598.94	WRKR_523	WORKER	9.78E-03	7.33E-03	9.33E-03	1.34E-02
558507.664160568.94	558507.66	4160568.94	WRKR_524	WORKER	7.51E-03	5.63E-03	7.16E-03	1.03E-02
558507.664160578.94	558507.66	4160578.94	WRKR_525	WORKER	8.09E-03	6.06E-03	7.71E-03	1.11E-02
558507.664160588.94	558507.66	4160588.94	WRKR_526	WORKER	8.72E-03	6.53E-03	8.31E-03	1.19E-02
558507.664160598.94	558507.66	4160598.94	WRKR_527	WORKER	9.35E-03	7.01E-03	8.92E-03	1.28E-02
558517.664160568.94	558517.66	4160568.94	WRKR_528	WORKER	7.27E-03	5.44E-03	6.93E-03	9.93E-03
558517.664160578.94	558517.66	4160578.94	WRKR_529	WORKER	7.79E-03	5.84E-03	7.43E-03	1.06E-02
558517.664160588.94	558517.66	4160588.94	WRKR_530	WORKER	8.34E-03	6.25E-03	7.95E-03	1.14E-02
558517.664160598.94	558517.66	4160598.94	WRKR_531	WORKER	8.89E-03	6.67E-03	8.48E-03	1.22E-02
558527.664160568.94	558527.66	4160568.94	WRKR_532	WORKER	7.01E-03	5.25E-03	6.68E-03	9.58E-03
558527.664160578.94	558527.66	4160578.94	WRKR_533	WORKER	7.48E-03	5.61E-03	7.14E-03	1.02E-02
558527.664160588.94	558527.66	4160588.94	WRKR_534	WORKER	7.96E-03	5.97E-03	7.59E-03	1.09E-02
558527.664160598.94	558527.66	4160598.94	WRKR_535	WORKER	8.43E-03	6.32E-03	8.04E-03	1.15E-02
558537.664160568.94	558537.66	4160568.94	WRKR_536	WORKER	6.76E-03	5.07E-03	6.44E-03	9.24E-03
558537.664160578.94	558537.66	4160578.94	WRKR_537	WORKER	7.18E-03	5.38E-03	6.85E-03	9.82E-03
558537.664160588.94	558537.66	4160588.94	WRKR_538	WORKER	7.59E-03	5.69E-03	7.24E-03	1.04E-02
558537.664160598.94	558537.66	4160598.94	WRKR_539	WORKER	7.99E-03	5.99E-03	7.62E-03	1.09E-02
558547.664160568.94	558547.66	4160568.94	WRKR_540	WORKER	6.51E-03	4.88E-03	6.21E-03	8.90E-03
558547.664160578.94	558547.66	4160578.94	WRKR_541	WORKER	6.88E-03	5.16E-03	6.56E-03	9.41E-03
558547.664160588.94	558547.66	4160588.94	WRKR_542	WORKER	7.23E-03	5.42E-03	6.89E-03	9.88E-03
558557.664160568.94	558557.66	4160568.94	WRKR_543	WORKER	6.27E-03	4.70E-03	5.97E-03	8.57E-03
558600.644160569.24	558600.64	4160569.24	WRKR_544	WORKER	5.30E-03	3.97E-03	5.05E-03	7.24E-03
558600.644160579.24	558600.64	4160579.24	WRKR_545	WORKER	5.46E-03	4.10E-03	5.21E-03	7.47E-03
558600.644160589.24	558600.64	4160589.24	WRKR_546	WORKER	5.62E-03	4.21E-03	5.36E-03	7.68E-03
558600.644160599.24	558600.64	4160599.24	WRKR_547	WORKER	5.74E-03	4.31E-03	5.48E-03	7.85E-03
558610.644160569.24	558610.64	4160569.24	WRKR_548	WORKER	5.07E-03	3.80E-03	4.83E-03	6.93E-03
558610.644160579.24	558610.64	4160579.24	WRKR_549	WORKER	5.21E-03	3.91E-03	4.97E-03	7.12E-03
558610.644160589.24	558610.64	4160589.24	WRKR_550	WORKER	5.33E-03	4.00E-03	5.09E-03	7.29E-03
558610.644160599.24	558610.64	4160599.24	WRKR_551	WORKER	5.43E-03	4.07E-03	5.18E-03	7.43E-03
558620.644160569.24	558620.64	4160569.24	WRKR_552	WORKER	4.85E-03	3.64E-03	4.62E-03	6.63E-03
558620.644160579.24	558620.64	4160579.24	WRKR_553	WORKER	4.96E-03	3.72E-03	4.74E-03	6.79E-03
558620.644160589.24	558620.64	4160589.24	WRKR_554	WORKER	5.07E-03	3.80E-03	4.84E-03	6.93E-03
558620.644160599.24	558620.64	4160599.24	WRKR_555	WORKER	5.15E-03	3.86E-03	4.91E-03	7.04E-03
558630.644160569.24	558630.64	4160569.24	WRKR_556	WORKER	4.63E-03	3.47E-03	4.42E-03	6.33E-03
558630.644160579.24	558630.64	4160579.24	WRKR_557	WORKER	4.74E-03	3.55E-03	4.52E-03	6.47E-03
558630.644160589.24	558630.64	4160589.24	WRKR_558	WORKER	4.82E-03	3.61E-03	4.60E-03	6.59E-03
558630.644160599.24	558630.64	4160599.24	WRKR_559	WORKER	4.88E-03	3.66E-03	4.65E-03	6.67E-03

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

XY	X	Y
558640.644160569.24	558641	4160569
558640.644160579.24	558641	4160579
558640.644160589.24	558641	4160589
558640.644160599.24	558641	4160599
558650.644160569.24	558651	4160569
558650.644160579.24	558651	4160579
558650.644160589.24	558651	4160589
558650.644160599.24	558651	4160599
558660.644160569.24	558661	4160569
558660.644160579.24	558661	4160579
558660.644160589.24	558661	4160589
558660.644160599.24	558661	4160599
558670.644160569.24	558671	4160569
558670.644160579.24	558671	4160579
558670.644160589.24	558671	4160589
558495.44160499.48	558495	4160499
558495.44160509.48	558495	4160509
558495.44160519.48	558495	4160519
558495.44160529.48	558495	4160529
558505.44160499.48	558505	4160499
558505.44160509.48	558505	4160509
558505.44160519.48	558505	4160519
558505.44160529.48	558505	4160529
558515.44160499.48	558515	4160499
558515.44160509.48	558515	4160509
558515.44160519.48	558515	4160519
558515.44160529.48	558515	4160529
558525.44160499.48	558525	4160499
558525.44160509.48	558525	4160509
558525.44160519.48	558525	4160519
558525.44160529.48	558525	4160529
558535.44160499.48	558535	4160499
558535.44160509.48	558535	4160509
558535.44160519.48	558535	4160519
558535.44160529.48	558535	4160529
558545.44160499.48	558545	4160499
558545.44160509.48	558545	4160509
558545.44160519.48	558545	4160519
558545.44160529.48	558545	4160529
558555.44160499.48	558555	4160499
558555.44160509.48	558555	4160509
558555.44160519.48	558555	4160519
558555.44160529.48	558555	4160529
558565.44160499.48	558565	4160499
558565.44160509.48	558565	4160509
558565.44160519.48	558565	4160519
558565.44160529.48	558565	4160529
558618.984160498.88	558619	4160499
558618.984160508.88	558619	4160509
558618.984160518.88	558619	4160519
558618.984160528.88	558619	4160529
558628.984160498.88	558629	4160499
558628.984160508.88	558629	4160509
558628.984160518.88	558629	4160519
558628.984160528.88	558629	4160529
558638.984160498.88	558639	4160499
558638.984160508.88	558639	4160509
558638.984160518.88	558639	4160519
558638.984160528.88	558639	4160529
558648.984160498.88	558649	4160499
558648.984160508.88	558649	4160509
558648.984160518.88	558649	4160519
558648.984160528.88	558649	4160529
558658.984160498.88	558659	4160499
558658.984160508.88	558659	4160509
558658.984160518.88	558659	4160519
558658.984160528.88	558659	4160529
558668.984160498.88	558669	4160499
558668.984160508.88	558669	4160509
558668.984160518.88	558669	4160519
558668.984160528.88	558669	4160529
558678.984160498.88	558679	4160499

Max Project Chronic HI

					CHRONIC HI			
XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558640.644160569.24	558640.64	4160569.24	WRKR_560	WORKER	4.43E-03	3.32E-03	4.22E-03	6.05E-03
558640.644160579.24	558640.64	4160579.24	WRKR_561	WORKER	4.51E-03	3.38E-03	4.30E-03	6.17E-03
558640.644160589.24	558640.64	4160589.24	WRKR_562	WORKER	4.58E-03	3.43E-03	4.36E-03	6.26E-03
558640.644160599.24	558640.64	4160599.24	WRKR_563	WORKER	4.62E-03	3.46E-03	4.41E-03	6.32E-03
558650.644160569.24	558650.64	4160569.24	WRKR_564	WORKER	4.23E-03	3.17E-03	4.03E-03	5.78E-03
558650.644160579.24	558650.64	4160579.24	WRKR_565	WORKER	4.30E-03	3.22E-03	4.10E-03	5.87E-03
558650.644160589.24	558650.64	4160589.24	WRKR_566	WORKER	4.35E-03	3.26E-03	4.15E-03	5.94E-03
558650.644160599.24	558650.64	4160599.24	WRKR_567	WORKER	4.38E-03	3.29E-03	4.18E-03	5.99E-03
558660.644160569.24	558660.64	4160569.24	WRKR_568	WORKER	4.04E-03	3.03E-03	3.85E-03	5.52E-03
558660.644160579.24	558660.64	4160579.24	WRKR_569	WORKER	4.10E-03	3.07E-03	3.91E-03	5.60E-03
558660.644160589.24	558660.64	4160589.24	WRKR_570	WORKER	4.14E-03	3.10E-03	3.95E-03	5.66E-03
558660.644160599.24	558660.64	4160599.24	WRKR_571	WORKER	4.17E-03	3.12E-03	3.97E-03	5.70E-03
558670.644160569.24	558670.64	4160569.24	WRKR_572	WORKER	3.86E-03	2.90E-03	3.68E-03	5.28E-03
558670.644160579.24	558670.64	4160579.24	WRKR_573	WORKER	3.91E-03	2.93E-03	3.73E-03	5.34E-03
558670.644160589.24	558670.64	4160589.24	WRKR_574	WORKER	3.94E-03	2.95E-03	3.76E-03	5.39E-03
558495.44160499.48	558495.4	4160499.48	WRKR_575	WORKER	4.38E-03	3.28E-03	4.18E-03	5.99E-03
558495.44160509.48	558495.4	4160509.48	WRKR_576	WORKER	4.78E-03	3.58E-03	4.55E-03	6.53E-03
558495.44160519.48	558495.4	4160519.48	WRKR_577	WORKER	5.20E-03	3.90E-03	4.96E-03	7.11E-03
558495.44160529.48	558495.4	4160529.48	WRKR_578	WORKER	5.67E-03	4.25E-03	5.41E-03	7.75E-03
558505.44160499.48	558505.4	4160499.48	WRKR_579	WORKER	4.33E-03	3.24E-03	4.13E-03	5.91E-03
558505.44160509.48	558505.4	4160509.48	WRKR_580	WORKER	4.71E-03	3.53E-03	4.49E-03	6.44E-03
558505.44160519.48	558505.4	4160519.48	WRKR_581	WORKER	5.12E-03	3.83E-03	4.88E-03	7.00E-03
558505.44160529.48	558505.4	4160529.48	WRKR_582	WORKER	5.56E-03	4.17E-03	5.30E-03	7.60E-03
558515.44160499.48	558515.4	4160499.48	WRKR_583	WORKER	4.27E-03	3.20E-03	4.07E-03	5.84E-03
558515.44160509.48	558515.4	4160509.48	WRKR_584	WORKER	4.64E-03	3.48E-03	4.42E-03	6.34E-03
558515.44160519.48	558515.4	4160519.48	WRKR_585	WORKER	5.03E-03	3.77E-03	4.80E-03	6.88E-03
558515.44160529.48	558515.4	4160529.48	WRKR_586	WORKER	5.45E-03	4.09E-03	5.20E-03	7.46E-03
558525.44160499.48	558525.4	4160499.48	WRKR_587	WORKER	4.22E-03	3.17E-03	4.03E-03	5.77E-03
558525.44160509.48	558525.4	4160509.48	WRKR_588	WORKER	4.57E-03	3.43E-03	4.36E-03	6.25E-03
558525.44160519.48	558525.4	4160519.48	WRKR_589	WORKER	4.95E-03	3.71E-03	4.72E-03	6.77E-03
558525.44160529.48	558525.4	4160529.48	WRKR_590	WORKER	5.35E-03	4.01E-03	5.10E-03	7.31E-03
558535.44160499.48	558535.4	4160499.48	WRKR_591	WORKER	4.17E-03	3.13E-03	3.98E-03	5.70E-03
558535.44160509.48	558535.4	4160509.48	WRKR_592	WORKER	4.51E-03	3.38E-03	4.30E-03	6.16E-03
558535.44160519.48	558535.4	4160519.48	WRKR_593	WORKER	4.86E-03	3.65E-03	4.64E-03	6.65E-03
558535.44160529.48	558535.4	4160529.48	WRKR_594	WORKER	5.25E-03	3.93E-03	5.00E-03	7.17E-03
558545.44160499.48	558545.4	4160499.48	WRKR_595	WORKER	4.12E-03	3.09E-03	3.93E-03	5.63E-03
558545.44160509.48	558545.4	4160509.48	WRKR_596	WORKER	4.44E-03	3.33E-03	4.23E-03	6.07E-03
558545.44160519.48	558545.4	4160519.48	WRKR_597	WORKER	4.78E-03	3.58E-03	4.56E-03	6.53E-03
558545.44160529.48	558545.4	4160529.48	WRKR_598	WORKER	5.14E-03	3.86E-03	4.90E-03	7.03E-03
558555.44160499.48	558555.4	4160499.48	WRKR_599	WORKER	4.06E-03	3.05E-03	3.88E-03	5.55E-03
558555.44160509.48	558555.4	4160509.48	WRKR_600	WORKER	4.37E-03	3.28E-03	4.17E-03	5.97E-03
558555.44160519.48	558555.4	4160519.48	WRKR_601	WORKER	4.69E-03	3.52E-03	4.48E-03	6.42E-03
558555.44160529.48	558555.4	4160529.48	WRKR_602	WORKER	5.03E-03	3.77E-03	4.80E-03	6.88E-03
558565.44160499.48	558565.4	4160499.48	WRKR_603	WORKER	4.00E-03	3.00E-03	3.82E-03	5.47E-03
558565.44160509.48	558565.4	4160509.48	WRKR_604	WORKER	4.29E-03	3.22E-03	4.10E-03	5.87E-03
558565.44160519.48	558565.4	4160519.48	WRKR_605	WORKER	4.59E-03	3.44E-03	4.38E-03	6.28E-03
558565.44160529.48	558565.4	4160529.48	WRKR_606	WORKER	4.91E-03	3.68E-03	4.68E-03	6.71E-03
558618.984160498.88	558618.98	4160498.88	WRKR_607	WORKER	3.61E-03	2.71E-03	3.45E-03	4.94E-03
558618.984160508.88	558618.98	4160508.88	WRKR_608	WORKER	3.82E-03	2.86E-03	3.64E-03	5.22E-03
558618.984160518.88	558618.98	4160518.88	WRKR_609	WORKER	4.01E-03	3.01E-03	3.83E-03	5.49E-03
558618.984160528.88	558618.98	4160528.88	WRKR_610	WORKER	4.21E-03	3.16E-03	4.02E-03	5.76E-03
558628.984160498.88	558628.98	4160498.88	WRKR_611	WORKER	3.54E-03	2.66E-03	3.38E-03	4.84E-03
558628.984160508.88	558628.98	4160508.88	WRKR_612	WORKER	3.72E-03	2.80E-03	3.56E-03	5.09E-03
558628.984160518.88	558628.98	4160518.88	WRKR_613	WORKER	3.91E-03	2.93E-03	3.73E-03	5.34E-03
558628.984160528.88	558628.98	4160528.88	WRKR_614	WORKER	4.08E-03	3.06E-03	3.89E-03	5.58E-03
558638.984160498.88	558638.98	4160498.88	WRKR_615	WORKER	3.46E-03	2.60E-03	3.30E-03	4.73E-03
558638.984160508.88	558638.98	4160508.88	WRKR_616	WORKER	3.63E-03	2.72E-03	3.46E-03	4.96E-03
558638.984160518.88	558638.98	4160518.88	WRKR_617	WORKER	3.79E-03	2.85E-03	3.62E-03	5.19E-03
558638.984160528.88	558638.98	4160528.88	WRKR_618	WORKER	3.95E-03	2.96E-03	3.77E-03	5.40E-03
558648.984160498.88	558648.98	4160498.88	WRKR_619	WORKER	3.38E-03	2.54E-03	3.22E-03	4.62E-03
558648.984160508.88	558648.98	4160508.88	WRKR_620	WORKER	3.53E-03	2.65E-03	3.37E-03	4.83E-03
558648.984160518.88	558648.98	4160518.88	WRKR_621	WORKER	3.68E-03	2.76E-03	3.51E-03	5.03E-03
558648.984160528.88	558648.98	4160528.88	WRKR_622	WORKER	3.82E-03	2.87E-03	3.64E-03	5.22E-03
558658.984160498.88	558658.98	4160498.88	WRKR_623	WORKER	3.29E-03	2.47E-03	3.14E-03	4.50E-03
558658.984160508.88	558658.98	4160508.88	WRKR_624	WORKER	3.43E-03	2.58E-03	3.27E-03	4.69E-03
558658.984160518.88	558658.98	4160518.88	WRKR_625	WORKER	3.57E-03	2.68E-03	3.40E-03	4.88E-03
558658.984160528.88	558658.98	4160528.88	WRKR_626	WORKER	3.69E-03	2.77E-03	3.52E-03	5.05E-03
558668.984160498.88	558668.98	4160498.88	WRKR_627	WORKER	3.21E-03	2.41E-03	3.06E-03	4.39E-03
558668.984160508.88	558668.98	4160508.88	WRKR_628	WORKER	3.33E-03	2.50E-03	3.18E-03	4.56E-03
558668.984160518.88	558668.98	4160518.88	WRKR_629	WORKER	3.46E-03	2.59E-03	3.30E-03	4.72E-03
558668.984160528.88	558668.98	4160528.88	WRKR_630	WORKER	3.57E-03	2.68E-03	3.40E-03	4.88E-03
558678.984160498.88	558678.98	4160498.88	WRKR_631	WORKER	3.12E-03	2.34E-03	2.98E-03	4.27E-03

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

XY	X	Y
558678.984160508.88	558679	4160509
558678.984160518.88	558679	4160519
558678.984160528.88	558679	4160529
558688.984160498.88	558689	4160499
558688.984160508.88	558689	4160509
558688.984160518.88	558689	4160519
558444.414160372.35	558444	4160372
558454.414160382.35	558454	4160382
558454.414160392.35	558454	4160392
558454.414160402.35	558454	4160402
558464.414160382.35	558464	4160382
558464.414160392.35	558464	4160392
558464.414160402.35	558464	4160402
558474.414160382.35	558474	4160382
558474.414160392.35	558474	4160392
558474.414160402.35	558474	4160402
558484.414160382.35	558484	4160382
558484.414160392.35	558484	4160392
558484.414160402.35	558484	4160402
558494.414160382.35	558494	4160382
558494.414160392.35	558494	4160392
558494.414160402.35	558494	4160402
558504.414160382.35	558504	4160382
558504.414160392.35	558504	4160392
558504.414160402.35	558504	4160402
558514.414160382.35	558514	4160382
558514.414160392.35	558514	4160392
558514.414160402.35	558514	4160402
558524.414160392.35	558524	4160392
558524.414160402.35	558524	4160402
558581.824160392.36	558582	4160392
558581.824160402.36	558582	4160402
558581.824160412.36	558582	4160412
558581.824160422.36	558582	4160422
558591.824160392.36	558592	4160392
558591.824160402.36	558592	4160402
558591.824160412.36	558592	4160412
558591.824160422.36	558592	4160422
558601.824160382.36	558602	4160382
558601.824160392.36	558602	4160392
558601.824160402.36	558602	4160402
558601.824160412.36	558602	4160412
558601.824160422.36	558602	4160422
558611.824160382.36	558612	4160382
558611.824160392.36	558612	4160392
558611.824160402.36	558612	4160402
558611.824160412.36	558612	4160412
558611.824160422.36	558612	4160422
558621.824160382.36	558622	4160382
558621.824160392.36	558622	4160392
558621.824160402.36	558622	4160402
558621.824160412.36	558622	4160412
558621.824160422.36	558622	4160422
558631.824160382.36	558632	4160382
558631.824160392.36	558632	4160392
558631.824160402.36	558632	4160402
558641.824160382.36	558642	4160382
558641.824160392.36	558642	4160392
558641.824160402.36	558642	4160402
558651.824160382.36	558652	4160382
558651.824160392.36	558652	4160392
558651.824160402.36	558652	4160402
558661.824160382.36	558662	4160382
558661.824160392.36	558662	4160392
558661.824160402.36	558662	4160402
558671.824160362.36	558672	4160362
558671.824160372.36	558672	4160372
558671.824160382.36	558672	4160382
558671.824160392.36	558672	4160392
558671.824160402.36	558672	4160402
558681.824160362.36	558682	4160362
558681.824160372.36	558682	4160372

Max Project Chronic HI

XY	X	Y	GROUP	GROUP2	CHRONIC HI Year 1	Year 2	Year 3	Year 4
558678.984160508.88	558678.98	4160508.88	WRKR_632	WORKER	3.24E-03	2.43E-03	3.09E-03	4.43E-03
558678.984160518.88	558678.98	4160518.88	WRKR_633	WORKER	3.35E-03	2.51E-03	3.19E-03	4.57E-03
558678.984160528.88	558678.98	4160528.88	WRKR_634	WORKER	3.44E-03	2.58E-03	3.29E-03	4.71E-03
558688.984160498.88	558688.98	4160498.88	WRKR_635	WORKER	3.04E-03	2.28E-03	2.90E-03	4.15E-03
558688.984160508.88	558688.98	4160508.88	WRKR_636	WORKER	3.14E-03	2.36E-03	3.00E-03	4.29E-03
558688.984160518.88	558688.98	4160518.88	WRKR_637	WORKER	3.24E-03	2.43E-03	3.09E-03	4.43E-03
558444.414160372.35	558444.41	4160372.35	WRKR_638	WORKER	1.53E-03	1.14E-03	1.46E-03	2.09E-03
558454.414160382.35	558454.41	4160382.35	WRKR_639	WORKER	1.61E-03	1.20E-03	1.53E-03	2.20E-03
558454.414160392.35	558454.41	4160392.35	WRKR_640	WORKER	1.73E-03	1.30E-03	1.65E-03	2.37E-03
558454.414160402.35	558454.41	4160402.35	WRKR_641	WORKER	1.88E-03	1.41E-03	1.79E-03	2.56E-03
558464.414160382.35	558464.41	4160382.35	WRKR_642	WORKER	1.60E-03	1.20E-03	1.52E-03	2.19E-03
558464.414160392.35	558464.41	4160392.35	WRKR_643	WORKER	1.73E-03	1.29E-03	1.65E-03	2.36E-03
558464.414160402.35	558464.41	4160402.35	WRKR_644	WORKER	1.87E-03	1.40E-03	1.78E-03	2.56E-03
558474.414160382.35	558474.41	4160382.35	WRKR_645	WORKER	1.59E-03	1.19E-03	1.52E-03	2.18E-03
558474.414160392.35	558474.41	4160392.35	WRKR_646	WORKER	1.72E-03	1.29E-03	1.64E-03	2.35E-03
558474.414160402.35	558474.41	4160402.35	WRKR_647	WORKER	1.86E-03	1.40E-03	1.78E-03	2.55E-03
558484.414160382.35	558484.41	4160382.35	WRKR_648	WORKER	1.59E-03	1.19E-03	1.52E-03	2.17E-03
558484.414160392.35	558484.41	4160392.35	WRKR_649	WORKER	1.71E-03	1.28E-03	1.63E-03	2.34E-03
558484.414160402.35	558484.41	4160402.35	WRKR_650	WORKER	1.85E-03	1.38E-03	1.76E-03	2.52E-03
558494.414160382.35	558494.41	4160382.35	WRKR_651	WORKER	1.59E-03	1.19E-03	1.52E-03	2.17E-03
558494.414160392.35	558494.41	4160392.35	WRKR_652	WORKER	1.71E-03	1.28E-03	1.63E-03	2.34E-03
558494.414160402.35	558494.41	4160402.35	WRKR_653	WORKER	1.85E-03	1.38E-03	1.76E-03	2.52E-03
558504.414160382.35	558504.41	4160382.35	WRKR_654	WORKER	1.59E-03	1.19E-03	1.52E-03	2.18E-03
558504.414160392.35	558504.41	4160392.35	WRKR_655	WORKER	1.73E-03	1.29E-03	1.65E-03	2.36E-03
558504.414160402.35	558504.41	4160402.35	WRKR_656	WORKER	1.88E-03	1.41E-03	1.79E-03	2.57E-03
558514.414160382.35	558514.41	4160382.35	WRKR_657	WORKER	1.60E-03	1.20E-03	1.53E-03	2.19E-03
558514.414160392.35	558514.41	4160392.35	WRKR_658	WORKER	1.73E-03	1.30E-03	1.65E-03	2.37E-03
558514.414160402.35	558514.41	4160402.35	WRKR_659	WORKER	1.89E-03	1.42E-03	1.80E-03	2.58E-03
558524.414160392.35	558524.41	4160392.35	WRKR_660	WORKER	1.74E-03	1.30E-03	1.66E-03	2.38E-03
558524.414160402.35	558524.41	4160402.35	WRKR_661	WORKER	1.89E-03	1.42E-03	1.81E-03	2.59E-03
558581.824160392.36	558581.82	4160392.36	WRKR_662	WORKER	1.80E-03	1.35E-03	1.72E-03	2.46E-03
558581.824160402.36	558581.82	4160402.36	WRKR_663	WORKER	1.94E-03	1.46E-03	1.85E-03	2.65E-03
558581.824160412.36	558581.82	4160412.36	WRKR_664	WORKER	2.09E-03	1.57E-03	2.00E-03	2.86E-03
558581.824160422.36	558581.82	4160422.36	WRKR_665	WORKER	2.25E-03	1.69E-03	2.15E-03	3.08E-03
558591.824160392.36	558591.82	4160392.36	WRKR_666	WORKER	1.81E-03	1.36E-03	1.73E-03	2.47E-03
558591.824160402.36	558591.82	4160402.36	WRKR_667	WORKER	1.95E-03	1.46E-03	1.86E-03	2.66E-03
558591.824160412.36	558591.82	4160412.36	WRKR_668	WORKER	2.09E-03	1.57E-03	2.00E-03	2.86E-03
558591.824160422.36	558591.82	4160422.36	WRKR_669	WORKER	2.25E-03	1.69E-03	2.15E-03	3.08E-03
558601.824160382.36	558601.82	4160382.36	WRKR_670	WORKER	1.69E-03	1.27E-03	1.61E-03	2.31E-03
558601.824160392.36	558601.82	4160392.36	WRKR_671	WORKER	1.81E-03	1.36E-03	1.73E-03	2.48E-03
558601.824160402.36	558601.82	4160402.36	WRKR_672	WORKER	1.95E-03	1.47E-03	1.86E-03	2.67E-03
558601.824160412.36	558601.82	4160412.36	WRKR_673	WORKER	2.10E-03	1.58E-03	2.00E-03	2.87E-03
558601.824160422.36	558601.82	4160422.36	WRKR_674	WORKER	2.25E-03	1.69E-03	2.15E-03	3.08E-03
558611.824160382.36	558611.82	4160382.36	WRKR_675	WORKER	1.70E-03	1.27E-03	1.62E-03	2.32E-03
558611.824160392.36	558611.82	4160392.36	WRKR_676	WORKER	1.82E-03	1.37E-03	1.74E-03	2.49E-03
558611.824160402.36	558611.82	4160402.36	WRKR_677	WORKER	1.95E-03	1.47E-03	1.87E-03	2.67E-03
558611.824160412.36	558611.82	4160412.36	WRKR_678	WORKER	2.09E-03	1.58E-03	2.00E-03	2.87E-03
558611.824160422.36	558611.82	4160422.36	WRKR_679	WORKER	2.25E-03	1.69E-03	2.15E-03	3.07E-03
558621.824160382.36	558621.82	4160382.36	WRKR_680	WORKER	1.70E-03	1.28E-03	1.62E-03	2.33E-03
558621.824160392.36	558621.82	4160392.36	WRKR_681	WORKER	1.82E-03	1.37E-03	1.74E-03	2.50E-03
558621.824160402.36	558621.82	4160402.36	WRKR_682	WORKER	1.96E-03	1.47E-03	1.87E-03	2.67E-03
558621.824160412.36	558621.82	4160412.36	WRKR_683	WORKER	2.09E-03	1.58E-03	2.00E-03	2.86E-03
558621.824160422.36	558621.82	4160422.36	WRKR_684	WORKER	2.24E-03	1.68E-03	2.14E-03	3.06E-03
558631.824160382.36	558631.82	4160382.36	WRKR_685	WORKER	1.71E-03	1.28E-03	1.63E-03	2.33E-03
558631.824160392.36	558631.82	4160392.36	WRKR_686	WORKER	1.83E-03	1.37E-03	1.75E-03	2.50E-03
558631.824160402.36	558631.82	4160402.36	WRKR_687	WORKER	1.96E-03	1.47E-03	1.87E-03	2.68E-03
558641.824160382.36	558641.82	4160382.36	WRKR_688	WORKER	1.71E-03	1.29E-03	1.63E-03	2.34E-03
558641.824160392.36	558641.82	4160392.36	WRKR_689	WORKER	1.83E-03	1.38E-03	1.75E-03	2.50E-03
558641.824160402.36	558641.82	4160402.36	WRKR_690	WORKER	1.95E-03	1.47E-03	1.87E-03	2.67E-03
558651.824160382.36	558651.82	4160382.36	WRKR_691	WORKER	1.71E-03	1.29E-03	1.64E-03	2.34E-03
558651.824160392.36	558651.82	4160392.36	WRKR_692	WORKER	1.83E-03	1.38E-03	1.75E-03	2.50E-03
558651.824160402.36	558651.82	4160402.36	WRKR_693	WORKER	1.95E-03	1.47E-03	1.86E-03	2.67E-03
558661.824160382.36	558661.82	4160382.36	WRKR_694	WORKER	1.71E-03	1.29E-03	1.64E-03	2.34E-03
558661.824160392.36	558661.82	4160392.36	WRKR_695	WORKER	1.83E-03	1.38E-03	1.75E-03	2.50E-03
558661.824160402.36	558661.82	4160402.36	WRKR_696	WORKER	1.95E-03	1.47E-03	1.86E-03	2.66E-03
558671.824160362.36	558671.82	4160362.36	WRKR_697	WORKER	1.51E-03	1.14E-03	1.44E-03	2.07E-03
558671.824160372.36	558671.82	4160372.36	WRKR_698	WORKER	1.61E-03	1.21E-03	1.54E-03	2.20E-03
558671.824160382.36	558671.82	4160382.36	WRKR_699	WORKER	1.71E-03	1.29E-03	1.64E-03	2.35E-03
558671.824160392.36	558671.82	4160392.36	WRKR_700	WORKER	1.82E-03	1.37E-03	1.74E-03	2.50E-03
558671.824160402.36	558671.82	4160402.36	WRKR_701	WORKER	1.94E-03	1.46E-03	1.86E-03	2.66E-03
558681.824160362.36	558681.82	4160362.36	WRKR_702	WORKER	1.51E-03	1.14E-03	1.45E-03	2.07E-03
558681.824160372.36	558681.82	4160372.36	WRKR_703	WORKER	1.61E-03	1.21E-03	1.54E-03	2.20E-03

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

XY	X	Y
558681.824160382.36	558682	4160382
558681.824160392.36	558682	4160392
558681.824160402.36	558682	4160402
558691.824160362.36	558692	4160362
558691.824160372.36	558692	4160372
558691.824160382.36	558692	4160382
558691.824160392.36	558692	4160392
558691.824160402.36	558692	4160402
558701.824160362.36	558702	4160362
558701.824160372.36	558702	4160372
558701.824160382.36	558702	4160382
558701.824160392.36	558702	4160392
558701.824160402.36	558702	4160402
558711.824160362.36	558712	4160362
558711.824160372.36	558712	4160372
558711.824160382.36	558712	4160382
558711.824160392.36	558712	4160392
558711.824160402.36	558712	4160402
558721.824160362.36	558722	4160362
558721.824160372.36	558722	4160372
558721.824160382.36	558722	4160382
558721.824160392.36	558722	4160392
558721.824160402.36	558722	4160402
558690.094160295.24	558690	4160295
558690.094160305.24	558690	4160305
558690.094160315.24	558690	4160315
558690.094160325.24	558690	4160325
558690.094160335.24	558690	4160335
558700.094160295.24	558700	4160295
558700.094160305.24	558700	4160305
558700.094160315.24	558700	4160315
558700.094160325.24	558700	4160325
558700.094160335.24	558700	4160335
558710.094160295.24	558710	4160295
558710.094160305.24	558710	4160305
558710.094160315.24	558710	4160315
558710.094160325.24	558710	4160325
558710.094160335.24	558710	4160335
558720.094160295.24	558720	4160295
558720.094160305.24	558720	4160305
558720.094160315.24	558720	4160315
558720.094160325.24	558720	4160325
558612.684160297.32	558613	4160297
558612.684160307.32	558613	4160307
558612.684160317.32	558613	4160317
558612.684160327.32	558613	4160327
558612.684160337.32	558613	4160337
558622.684160297.32	558623	4160297
558622.684160307.32	558623	4160307
558622.684160317.32	558623	4160317
558622.684160327.32	558623	4160327
558622.684160337.32	558623	4160337
558632.684160297.32	558633	4160297
558632.684160307.32	558633	4160307
558632.684160317.32	558633	4160317
558632.684160327.32	558633	4160327
558632.684160337.32	558633	4160337
558642.684160297.32	558643	4160297
558642.684160307.32	558643	4160307
558642.684160317.32	558643	4160317
558642.684160327.32	558643	4160327
558642.684160337.32	558643	4160337
558652.684160297.32	558653	4160297
558652.684160307.32	558653	4160307
558652.684160317.32	558653	4160317
558652.684160327.32	558653	4160327
558652.684160337.32	558653	4160337
558662.684160297.32	558663	4160297
558662.684160307.32	558663	4160307
558662.684160317.32	558663	4160317
558662.684160327.32	558663	4160327
558662.684160337.32	558663	4160337

Max Project Chronic HI

XY	X	Y	GROUP	GROUP2	CHRONIC HI Year 1	Year 2	Year 3	Year 4
558681.824160382.36	558681.82	4160382.36	WRKR_704	WORKER	1.71E-03	1.29E-03	1.64E-03	2.34E-03
558681.824160392.36	558681.82	4160392.36	WRKR_705	WORKER	1.82E-03	1.37E-03	1.74E-03	2.49E-03
558681.824160402.36	558681.82	4160402.36	WRKR_706	WORKER	1.93E-03	1.46E-03	1.85E-03	2.65E-03
558691.824160362.36	558691.82	4160362.36	WRKR_707	WORKER	1.52E-03	1.14E-03	1.45E-03	2.08E-03
558691.824160372.36	558691.82	4160372.36	WRKR_708	WORKER	1.61E-03	1.22E-03	1.54E-03	2.21E-03
558691.824160382.36	558691.82	4160382.36	WRKR_709	WORKER	1.71E-03	1.29E-03	1.64E-03	2.34E-03
558691.824160392.36	558691.82	4160392.36	WRKR_710	WORKER	1.82E-03	1.37E-03	1.74E-03	2.48E-03
558691.824160402.36	558691.82	4160402.36	WRKR_711	WORKER	1.92E-03	1.45E-03	1.84E-03	2.63E-03
558701.824160362.36	558701.82	4160362.36	WRKR_712	WORKER	1.52E-03	1.15E-03	1.45E-03	2.08E-03
558701.824160372.36	558701.82	4160372.36	WRKR_713	WORKER	1.61E-03	1.22E-03	1.54E-03	2.21E-03
558701.824160382.36	558701.82	4160382.36	WRKR_714	WORKER	1.71E-03	1.29E-03	1.63E-03	2.34E-03
558701.824160392.36	558701.82	4160392.36	WRKR_715	WORKER	1.81E-03	1.37E-03	1.73E-03	2.48E-03
558701.824160402.36	558701.82	4160402.36	WRKR_716	WORKER	1.91E-03	1.45E-03	1.83E-03	2.62E-03
558711.824160362.36	558711.82	4160362.36	WRKR_717	WORKER	1.52E-03	1.15E-03	1.46E-03	2.08E-03
558711.824160372.36	558711.82	4160372.36	WRKR_718	WORKER	1.61E-03	1.22E-03	1.54E-03	2.21E-03
558711.824160382.36	558711.82	4160382.36	WRKR_719	WORKER	1.70E-03	1.28E-03	1.63E-03	2.33E-03
558711.824160392.36	558711.82	4160392.36	WRKR_720	WORKER	1.80E-03	1.36E-03	1.73E-03	2.47E-03
558711.824160402.36	558711.82	4160402.36	WRKR_721	WORKER	1.89E-03	1.43E-03	1.81E-03	2.59E-03
558721.824160362.36	558721.82	4160362.36	WRKR_722	WORKER	1.51E-03	1.14E-03	1.45E-03	2.07E-03
558721.824160372.36	558721.82	4160372.36	WRKR_723	WORKER	1.60E-03	1.21E-03	1.53E-03	2.19E-03
558721.824160382.36	558721.82	4160382.36	WRKR_724	WORKER	1.69E-03	1.28E-03	1.62E-03	2.32E-03
558721.824160392.36	558721.82	4160392.36	WRKR_725	WORKER	1.78E-03	1.34E-03	1.70E-03	2.44E-03
558721.824160402.36	558721.82	4160402.36	WRKR_726	WORKER	1.88E-03	1.41E-03	1.79E-03	2.57E-03
558690.094160295.24	558690.09	4160295.24	WRKR_727	WORKER	9.90E-04	7.48E-04	9.47E-04	1.35E-03
558690.094160305.24	558690.09	4160305.24	WRKR_728	WORKER	1.05E-03	7.95E-04	1.01E-03	1.44E-03
558690.094160315.24	558690.09	4160315.24	WRKR_729	WORKER	1.12E-03	8.45E-04	1.07E-03	1.53E-03
558690.094160325.24	558690.09	4160325.24	WRKR_730	WORKER	1.19E-03	8.99E-04	1.14E-03	1.63E-03
558690.094160335.24	558690.09	4160335.24	WRKR_731	WORKER	1.27E-03	9.57E-04	1.21E-03	1.74E-03
558700.094160295.24	558700.09	4160295.24	WRKR_732	WORKER	9.98E-04	7.55E-04	9.56E-04	1.37E-03
558700.094160305.24	558700.09	4160305.24	WRKR_733	WORKER	1.06E-03	8.03E-04	1.02E-03	1.45E-03
558700.094160315.24	558700.09	4160315.24	WRKR_734	WORKER	1.13E-03	8.53E-04	1.08E-03	1.54E-03
558700.094160325.24	558700.09	4160325.24	WRKR_735	WORKER	1.20E-03	9.06E-04	1.15E-03	1.64E-03
558700.094160335.24	558700.09	4160335.24	WRKR_736	WORKER	1.28E-03	9.63E-04	1.22E-03	1.75E-03
558710.094160295.24	558710.09	4160295.24	WRKR_737	WORKER	1.01E-03	7.65E-04	9.67E-04	1.38E-03
558710.094160305.24	558710.09	4160305.24	WRKR_738	WORKER	1.07E-03	8.12E-04	1.03E-03	1.47E-03
558710.094160315.24	558710.09	4160315.24	WRKR_739	WORKER	1.14E-03	8.62E-04	1.09E-03	1.56E-03
558710.094160325.24	558710.09	4160325.24	WRKR_740	WORKER	1.21E-03	9.14E-04	1.16E-03	1.65E-03
558710.094160335.24	558710.09	4160335.24	WRKR_741	WORKER	1.28E-03	9.70E-04	1.23E-03	1.76E-03
558720.094160295.24	558720.09	4160295.24	WRKR_742	WORKER	1.01E-03	7.68E-04	9.72E-04	1.39E-03
558720.094160305.24	558720.09	4160305.24	WRKR_743	WORKER	1.07E-03	8.09E-04	1.03E-03	1.47E-03
558720.094160315.24	558720.09	4160315.24	WRKR_744	WORKER	1.14E-03	8.63E-04	1.09E-03	1.56E-03
558720.094160325.24	558720.09	4160325.24	WRKR_745	WORKER	1.21E-03	9.16E-04	1.16E-03	1.66E-03
558612.684160297.32	558612.68	4160297.32	WRKR_746	WORKER	9.38E-04	7.05E-04	8.95E-04	1.28E-03
558612.684160307.32	558612.68	4160307.32	WRKR_747	WORKER	1.00E-03	7.51E-04	9.55E-04	1.37E-03
558612.684160317.32	558612.68	4160317.32	WRKR_748	WORKER	1.07E-03	8.02E-04	1.02E-03	1.46E-03
558612.684160327.32	558612.68	4160327.32	WRKR_749	WORKER	1.14E-03	8.58E-04	1.09E-03	1.56E-03
558612.684160337.32	558612.68	4160337.32	WRKR_750	WORKER	1.22E-03	9.19E-04	1.17E-03	1.67E-03
558622.684160297.32	558622.68	4160297.32	WRKR_751	WORKER	9.45E-04	7.11E-04	9.03E-04	1.29E-03
558622.684160307.32	558622.68	4160307.32	WRKR_752	WORKER	1.01E-03	7.58E-04	9.63E-04	1.38E-03
558622.684160317.32	558622.68	4160317.32	WRKR_753	WORKER	1.08E-03	8.09E-04	1.03E-03	1.47E-03
558622.684160327.32	558622.68	4160327.32	WRKR_754	WORKER	1.15E-03	8.65E-04	1.10E-03	1.57E-03
558622.684160337.32	558622.68	4160337.32	WRKR_755	WORKER	1.23E-03	9.26E-04	1.18E-03	1.69E-03
558632.684160297.32	558632.68	4160297.32	WRKR_756	WORKER	9.54E-04	7.17E-04	9.11E-04	1.30E-03
558632.684160307.32	558632.68	4160307.32	WRKR_757	WORKER	1.02E-03	7.64E-04	9.71E-04	1.39E-03
558632.684160317.32	558632.68	4160317.32	WRKR_758	WORKER	1.09E-03	8.16E-04	1.04E-03	1.48E-03
558632.684160327.32	558632.68	4160327.32	WRKR_759	WORKER	1.16E-03	8.72E-04	1.11E-03	1.59E-03
558632.684160337.32	558632.68	4160337.32	WRKR_760	WORKER	1.24E-03	9.33E-04	1.19E-03	1.70E-03
558642.684160297.32	558642.68	4160297.32	WRKR_761	WORKER	9.64E-04	7.25E-04	9.21E-04	1.32E-03
558642.684160307.32	558642.68	4160307.32	WRKR_762	WORKER	1.03E-03	7.71E-04	9.79E-04	1.40E-03
558642.684160317.32	558642.68	4160317.32	WRKR_763	WORKER	1.09E-03	8.23E-04	1.05E-03	1.50E-03
558642.684160327.32	558642.68	4160327.32	WRKR_764	WORKER	1.17E-03	8.79E-04	1.12E-03	1.60E-03
558642.684160337.32	558642.68	4160337.32	WRKR_765	WORKER	1.25E-03	9.41E-04	1.19E-03	1.71E-03
558652.684160297.32	558652.68	4160297.32	WRKR_766	WORKER	9.72E-04	7.31E-04	9.28E-04	1.33E-03
558652.684160307.32	558652.68	4160307.32	WRKR_767	WORKER	1.03E-03	7.78E-04	9.88E-04	1.42E-03
558652.684160317.32	558652.68	4160317.32	WRKR_768	WORKER	1.10E-03	8.30E-04	1.05E-03	1.51E-03
558652.684160327.32	558652.68	4160327.32	WRKR_769	WORKER	1.18E-03	8.86E-04	1.13E-03	1.61E-03
558652.684160337.32	558652.68	4160337.32	WRKR_770	WORKER	1.26E-03	9.47E-04	1.20E-03	1.72E-03
558662.684160297.32	558662.68	4160297.32	WRKR_771	WORKER	9.82E-04	7.39E-04	9.38E-04	1.34E-03
558662.684160307.32	558662.68	4160307.32	WRKR_772	WORKER	1.04E-03	7.86E-04	9.98E-04	1.43E-03
558662.684160317.32	558662.68	4160317.32	WRKR_773	WORKER	1.11E-03	8.37E-04	1.06E-03	1.52E-03
558662.684160327.32	558662.68	4160327.32	WRKR_774	WORKER	1.19E-03	8.93E-04	1.13E-03	1.62E-03
558662.684160337.32	558662.68	4160337.32	WRKR_775	WORKER	1.27E-03	9.53E-04	1.21E-03	1.73E-03

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

XY	X	Y
558672.684160297.32	558673	4160297
558672.684160307.32	558673	4160307
558672.684160317.32	558673	4160317
558672.684160327.32	558673	4160327
558672.684160337.32	558673	4160337
558543.584160290.65	558544	4160291
558553.584160300.65	558554	4160301
558553.584160310.65	558554	4160311
558553.584160320.65	558554	4160321
558553.584160330.65	558554	4160331
558563.584160300.65	558564	4160301
558563.584160310.65	558564	4160311
558563.584160320.65	558564	4160321
558563.584160330.65	558564	4160331
558573.584160300.65	558574	4160301
558573.584160310.65	558574	4160311
558573.584160320.65	558574	4160321
558573.584160330.65	558574	4160331
558583.584160300.65	558584	4160301
558583.584160310.65	558584	4160311
558583.584160320.65	558584	4160321
558583.584160330.65	558584	4160331
558593.584160330.65	558594	4160331
558455.354160303.56	558455	4160304
558455.354160313.56	558455	4160314
558455.354160323.56	558455	4160324
558455.354160333.56	558455	4160334
558455.354160343.56	558455	4160344
558465.354160303.56	558465	4160304
558465.354160313.56	558465	4160314
558465.354160323.56	558465	4160324
558465.354160333.56	558465	4160334
558465.354160343.56	558465	4160344
558475.354160303.56	558475	4160304
558475.354160313.56	558475	4160314
558475.354160323.56	558475	4160324
558475.354160333.56	558475	4160334
558475.354160343.56	558475	4160344
558485.354160303.56	558485	4160304
558485.354160313.56	558485	4160314
558485.354160323.56	558485	4160324
558485.354160333.56	558485	4160334
558485.354160343.56	558485	4160344
558495.354160303.56	558495	4160304
558495.354160313.56	558495	4160314
558495.354160323.56	558495	4160324
558495.354160333.56	558495	4160334
558495.354160343.56	558495	4160344
558505.354160303.56	558505	4160304
558505.354160313.56	558505	4160314
558505.354160323.56	558505	4160324
558505.354160333.56	558505	4160334
558515.354160303.56	558515	4160304
558515.354160313.56	558515	4160314
558515.354160323.56	558515	4160324
558515.354160333.56	558515	4160334
558525.354160303.56	558525	4160304
558525.354160313.56	558525	4160314
558525.354160323.56	558525	4160324
558525.354160333.56	558525	4160334
558535.354160303.56	558535	4160304
558535.354160313.56	558535	4160314
558535.354160323.56	558535	4160324
558535.354160333.56	558535	4160334
558616.674160229.97	558617	4160230
558616.674160239.97	558617	4160240
558616.674160249.97	558617	4160250
558626.674160229.97	558627	4160230
558626.674160239.97	558627	4160240
558626.674160249.97	558627	4160250
558636.674160229.97	558637	4160230
558636.674160239.97	558637	4160240

Max Project Chronic HI

					CHRONIC HI			
XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558672.684160297.32	558672.68	4160297.32	WRKR_776	WORKER	9.89E-04	7.45E-04	9.45E-04	1.35E-03
558672.684160307.32	558672.68	4160307.32	WRKR_777	WORKER	1.05E-03	7.93E-04	1.01E-03	1.44E-03
558672.684160317.32	558672.68	4160317.32	WRKR_778	WORKER	1.12E-03	8.45E-04	1.07E-03	1.53E-03
558672.684160327.32	558672.68	4160327.32	WRKR_779	WORKER	1.19E-03	9.00E-04	1.14E-03	1.63E-03
558672.684160337.32	558672.68	4160337.32	WRKR_780	WORKER	1.27E-03	9.59E-04	1.22E-03	1.74E-03
558543.584160290.65	558543.58	4160290.65	WRKR_781	WORKER	8.81E-04	6.61E-04	8.40E-04	1.20E-03
558553.584160300.65	558553.58	4160300.65	WRKR_782	WORKER	9.36E-04	7.03E-04	8.94E-04	1.28E-03
558553.584160310.65	558553.58	4160310.65	WRKR_783	WORKER	9.96E-04	7.48E-04	9.51E-04	1.36E-03
558553.584160320.65	558553.58	4160320.65	WRKR_784	WORKER	1.06E-03	7.98E-04	1.01E-03	1.45E-03
558553.584160330.65	558553.58	4160330.65	WRKR_785	WORKER	1.14E-03	8.52E-04	1.08E-03	1.55E-03
558563.584160300.65	558563.58	4160300.65	WRKR_786	WORKER	9.40E-04	7.06E-04	8.97E-04	1.29E-03
558563.584160310.65	558563.58	4160310.65	WRKR_787	WORKER	1.00E-03	7.51E-04	9.55E-04	1.37E-03
558563.584160320.65	558563.58	4160320.65	WRKR_788	WORKER	1.07E-03	8.02E-04	1.02E-03	1.46E-03
558563.584160330.65	558563.58	4160330.65	WRKR_789	WORKER	1.14E-03	8.57E-04	1.09E-03	1.56E-03
558573.584160300.65	558573.58	4160300.65	WRKR_790	WORKER	9.44E-04	7.09E-04	9.01E-04	1.29E-03
558573.584160310.65	558573.58	4160310.65	WRKR_791	WORKER	1.01E-03	7.55E-04	9.60E-04	1.38E-03
558573.584160320.65	558573.58	4160320.65	WRKR_792	WORKER	1.07E-03	8.06E-04	1.02E-03	1.47E-03
558573.584160330.65	558573.58	4160330.65	WRKR_793	WORKER	1.15E-03	8.62E-04	1.10E-03	1.57E-03
558583.584160300.65	558583.58	4160300.65	WRKR_794	WORKER	9.49E-04	7.13E-04	9.06E-04	1.30E-03
558583.584160310.65	558583.58	4160310.65	WRKR_795	WORKER	1.01E-03	7.60E-04	9.66E-04	1.38E-03
558583.584160320.65	558583.58	4160320.65	WRKR_796	WORKER	1.08E-03	8.12E-04	1.03E-03	1.48E-03
558583.584160330.65	558583.58	4160330.65	WRKR_797	WORKER	1.16E-03	8.68E-04	1.10E-03	1.58E-03
558593.584160330.65	558593.58	4160330.65	WRKR_798	WORKER	1.16E-03	8.75E-04	1.11E-03	1.59E-03
558455.354160303.56	558455.35	4160303.56	WRKR_799	WORKER	9.96E-04	7.47E-04	9.50E-04	1.36E-03
558455.354160313.56	558455.35	4160313.56	WRKR_800	WORKER	1.05E-03	7.88E-04	1.00E-03	1.44E-03
558455.354160323.56	558455.35	4160323.56	WRKR_801	WORKER	1.11E-03	8.33E-04	1.06E-03	1.52E-03
558455.354160333.56	558455.35	4160333.56	WRKR_802	WORKER	1.18E-03	8.83E-04	1.12E-03	1.61E-03
558455.354160343.56	558455.35	4160343.56	WRKR_803	WORKER	1.25E-03	9.38E-04	1.19E-03	1.71E-03
558465.354160303.56	558465.35	4160303.56	WRKR_804	WORKER	9.84E-04	7.38E-04	9.39E-04	1.35E-03
558465.354160313.56	558465.35	4160313.56	WRKR_805	WORKER	1.04E-03	7.79E-04	9.91E-04	1.42E-03
558465.354160323.56	558465.35	4160323.56	WRKR_806	WORKER	1.10E-03	8.24E-04	1.05E-03	1.50E-03
558465.354160333.56	558465.35	4160333.56	WRKR_807	WORKER	1.17E-03	8.74E-04	1.11E-03	1.59E-03
558465.354160343.56	558465.35	4160343.56	WRKR_808	WORKER	1.24E-03	9.30E-04	1.18E-03	1.70E-03
558475.354160303.56	558475.35	4160303.56	WRKR_809	WORKER	9.74E-04	7.30E-04	9.29E-04	1.33E-03
558475.354160313.56	558475.35	4160313.56	WRKR_810	WORKER	1.03E-03	7.72E-04	9.81E-04	1.41E-03
558475.354160323.56	558475.35	4160323.56	WRKR_811	WORKER	1.09E-03	8.17E-04	1.04E-03	1.49E-03
558475.354160333.56	558475.35	4160333.56	WRKR_812	WORKER	1.16E-03	8.68E-04	1.10E-03	1.58E-03
558475.354160343.56	558475.35	4160343.56	WRKR_813	WORKER	1.23E-03	9.24E-04	1.18E-03	1.69E-03
558485.354160303.56	558485.35	4160303.56	WRKR_814	WORKER	9.66E-04	7.24E-04	9.21E-04	1.32E-03
558485.354160313.56	558485.35	4160313.56	WRKR_815	WORKER	1.02E-03	7.65E-04	9.74E-04	1.40E-03
558485.354160323.56	558485.35	4160323.56	WRKR_816	WORKER	1.08E-03	8.12E-04	1.03E-03	1.48E-03
558485.354160333.56	558485.35	4160333.56	WRKR_817	WORKER	1.15E-03	8.63E-04	1.10E-03	1.57E-03
558485.354160343.56	558485.35	4160343.56	WRKR_818	WORKER	1.23E-03	9.20E-04	1.17E-03	1.68E-03
558495.354160303.56	558495.35	4160303.56	WRKR_819	WORKER	9.59E-04	7.19E-04	9.15E-04	1.31E-03
558495.354160313.56	558495.35	4160313.56	WRKR_820	WORKER	1.02E-03	7.62E-04	9.69E-04	1.39E-03
558495.354160323.56	558495.35	4160323.56	WRKR_821	WORKER	1.08E-03	8.09E-04	1.03E-03	1.47E-03
558495.354160333.56	558495.35	4160333.56	WRKR_822	WORKER	1.15E-03	8.60E-04	1.09E-03	1.57E-03
558495.354160343.56	558495.35	4160343.56	WRKR_823	WORKER	1.22E-03	9.18E-04	1.17E-03	1.67E-03
558505.354160303.56	558505.35	4160303.56	WRKR_824	WORKER	9.54E-04	7.16E-04	9.10E-04	1.30E-03
558505.354160313.56	558505.35	4160313.56	WRKR_825	WORKER	1.01E-03	7.59E-04	9.65E-04	1.38E-03
558505.354160323.56	558505.35	4160323.56	WRKR_826	WORKER	1.08E-03	8.06E-04	1.03E-03	1.47E-03
558505.354160333.56	558505.35	4160333.56	WRKR_827	WORKER	1.15E-03	8.59E-04	1.09E-03	1.57E-03
558515.354160303.56	558515.35	4160303.56	WRKR_828	WORKER	9.51E-04	7.14E-04	9.08E-04	1.30E-03
558515.354160313.56	558515.35	4160313.56	WRKR_829	WORKER	1.01E-03	7.57E-04	9.63E-04	1.38E-03
558515.354160323.56	558515.35	4160323.56	WRKR_830	WORKER	1.07E-03	8.05E-04	1.02E-03	1.47E-03
558515.354160333.56	558515.35	4160333.56	WRKR_831	WORKER	1.15E-03	8.59E-04	1.09E-03	1.57E-03
558525.354160303.56	558525.35	4160303.56	WRKR_832	WORKER	9.50E-04	7.13E-04	9.06E-04	1.30E-03
558525.354160313.56	558525.35	4160313.56	WRKR_833	WORKER	1.01E-03	7.57E-04	9.62E-04	1.38E-03
558525.354160323.56	558525.35	4160323.56	WRKR_834	WORKER	1.07E-03	8.06E-04	1.02E-03	1.47E-03
558525.354160333.56	558525.35	4160333.56	WRKR_835	WORKER	1.15E-03	8.60E-04	1.09E-03	1.57E-03
558535.354160303.56	558535.35	4160303.56	WRKR_836	WORKER	9.50E-04	7.13E-04	9.06E-04	1.30E-03
558535.354160313.56	558535.35	4160313.56	WRKR_837	WORKER	1.01E-03	7.58E-04	9.63E-04	1.38E-03
558535.354160323.56	558535.35	4160323.56	WRKR_838	WORKER	1.08E-03	8.07E-04	1.03E-03	1.47E-03
558535.354160333.56	558535.35	4160333.56	WRKR_839	WORKER	1.15E-03	8.62E-04	1.10E-03	1.57E-03
558616.674160229.97	558616.67	4160229.97	WRKR_840	WORKER	6.44E-04	4.84E-04	6.15E-04	8.81E-04
558616.674160239.97	558616.67	4160239.97	WRKR_841	WORKER	6.79E-04	5.11E-04	6.49E-04	9.29E-04
558616.674160249.97	558616.67	4160249.97	WRKR_842	WORKER	7.17E-04	5.39E-04	6.85E-04	9.81E-04
558626.674160229.97	558626.67	4160229.97	WRKR_843	WORKER	6.47E-04	4.87E-04	6.18E-04	8.86E-04
558626.674160239.97	558626.67	4160239.97	WRKR_844	WORKER	6.83E-04	5.14E-04	6.52E-04	9.34E-04
558626.674160249.97	558626.67	4160249.97	WRKR_845	WORKER	7.22E-04	5.43E-04	6.90E-04	9.88E-04
558636.674160229.97	558636.67	4160229.97	WRKR_846	WORKER	6.51E-04	4.90E-04	6.22E-04	8.91E-04
558636.674160239.97	558636.67	4160239.97	WRKR_847	WORKER	6.88E-04	5.18E-04	6.57E-04	9.41E-04

	Chronic HI						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.0073	0.0054	0.0069	0.0100	0.007	558066.09	4160530.12
WORKER	0.0330	0.0247	0.0315	0.0452	0.033	558151.05	4160617.13

Chronic Hazard Index

DPM REL (µg/m^3) 5.0

XY	X	Y
558636.674160249.97	558637	4160250
558646.674160229.97	558647	4160230
558646.674160239.97	558647	4160240
558646.674160249.97	558647	4160250
558656.674160229.97	558657	4160230
558656.674160239.97	558657	4160240
558666.674160229.97	558667	4160230
558666.674160239.97	558667	4160240
558676.674160229.97	558677	4160230
558676.674160239.97	558677	4160240
558686.674160229.97	558687	4160230
558686.674160239.97	558687	4160240
558696.674160229.97	558697	4160230
558696.674160239.97	558697	4160240
558706.674160229.97	558707	4160230
558706.674160239.97	558707	4160240
558716.674160229.97	558717	4160230
558716.674160239.97	558717	4160240
558420.214160235.8	558420	4160236
558420.214160245.8	558420	4160246
558420.214160255.8	558420	4160256
558430.214160235.8	558430	4160236
558430.214160245.8	558430	4160246
558430.214160255.8	558430	4160256
558440.214160235.8	558440	4160236
558440.214160245.8	558440	4160246
558440.214160255.8	558440	4160256
558450.214160235.8	558450	4160236
558450.214160245.8	558450	4160246
558450.214160255.8	558450	4160256
558460.214160235.8	558460	4160236
558460.214160245.8	558460	4160246
558460.214160255.8	558460	4160256
558470.214160235.8	558470	4160236
558470.214160245.8	558470	4160246
558470.214160255.8	558470	4160256
558480.214160235.8	558480	4160236
558480.214160245.8	558480	4160246
558480.214160255.8	558480	4160256
558490.214160235.8	558490	4160236
558490.214160245.8	558490	4160246
558490.214160255.8	558490	4160256
558500.214160235.8	558500	4160236
558500.214160245.8	558500	4160246
558500.214160255.8	558500	4160256
558510.214160235.8	558510	4160236
558510.214160245.8	558510	4160246
558510.214160255.8	558510	4160256
558520.214160235.8	558520	4160236
558520.214160245.8	558520	4160246
558520.214160255.8	558520	4160256
558530.214160235.8	558530	4160236
558530.214160245.8	558530	4160246
558530.214160255.8	558530	4160256
558540.214160235.8	558540	4160236
558540.214160245.8	558540	4160246
558540.214160255.8	558540	4160256
558550.214160235.8	558550	4160236
558550.214160245.8	558550	4160246
558550.214160255.8	558550	4160256
558560.214160235.8	558560	4160236
558560.214160245.8	558560	4160246
558560.214160255.8	558560	4160256
558570.214160235.8	558570	4160236
558570.214160245.8	558570	4160246
558570.214160255.8	558570	4160256
558580.214160235.8	558580	4160236
558580.214160245.8	558580	4160246
558590.214160235.8	558590	4160236
558590.214160245.8	558590	4160246
558600.214160245.8	558600	4160246

Max Project Chronic HI

XY	X	Y	GROUP	GROUP2	CHRONIC HI Year 1	Year 2	Year 3	Year 4
558636.674160249.97	558636.67	4160249.97	WRKR_848	WORKER	7.27E-04	5.47E-04	6.95E-04	9.95E-04
558646.674160229.97	558646.67	4160229.97	WRKR_849	WORKER	6.56E-04	4.94E-04	6.27E-04	8.97E-04
558646.674160239.97	558646.67	4160239.97	WRKR_850	WORKER	6.93E-04	5.22E-04	6.62E-04	9.48E-04
558646.674160249.97	558646.67	4160249.97	WRKR_851	WORKER	7.33E-04	5.52E-04	7.01E-04	1.00E-03
558656.674160229.97	558656.67	4160229.97	WRKR_852	WORKER	6.61E-04	4.98E-04	6.32E-04	9.04E-04
558656.674160239.97	558656.67	4160239.97	WRKR_853	WORKER	6.98E-04	5.26E-04	6.68E-04	9.56E-04
558666.674160229.97	558666.67	4160229.97	WRKR_854	WORKER	6.67E-04	5.03E-04	6.38E-04	9.12E-04
558666.674160239.97	558666.67	4160239.97	WRKR_855	WORKER	7.05E-04	5.32E-04	6.74E-04	9.64E-04
558676.674160229.97	558676.67	4160229.97	WRKR_856	WORKER	6.73E-04	5.08E-04	6.44E-04	9.21E-04
558676.674160239.97	558676.67	4160239.97	WRKR_857	WORKER	7.12E-04	5.37E-04	6.81E-04	9.74E-04
558686.674160229.97	558686.67	4160229.97	WRKR_858	WORKER	6.80E-04	5.14E-04	6.51E-04	9.30E-04
558686.674160239.97	558686.67	4160239.97	WRKR_859	WORKER	7.19E-04	5.44E-04	6.88E-04	9.84E-04
558696.674160229.97	558696.67	4160229.97	WRKR_860	WORKER	6.87E-04	5.21E-04	6.59E-04	9.41E-04
558696.674160239.97	558696.67	4160239.97	WRKR_861	WORKER	7.27E-04	5.51E-04	6.97E-04	9.95E-04
558706.674160229.97	558706.67	4160229.97	WRKR_862	WORKER	6.95E-04	5.28E-04	6.67E-04	9.52E-04
558706.674160239.97	558706.67	4160239.97	WRKR_863	WORKER	7.36E-04	5.59E-04	7.06E-04	1.01E-03
558716.674160229.97	558716.67	4160229.97	WRKR_864	WORKER	7.04E-04	5.37E-04	6.77E-04	9.65E-04
558716.674160239.97	558716.67	4160239.97	WRKR_865	WORKER	7.41E-04	5.63E-04	7.11E-04	1.02E-03
558420.214160235.8	558420.21	4160235.8	WRKR_866	WORKER	7.82E-04	5.86E-04	7.46E-04	1.07E-03
558420.214160245.8	558420.21	4160245.8	WRKR_867	WORKER	8.14E-04	6.10E-04	7.77E-04	1.11E-03
558420.214160255.8	558420.21	4160255.8	WRKR_868	WORKER	8.49E-04	6.36E-04	8.10E-04	1.16E-03
558430.214160235.8	558430.21	4160235.8	WRKR_869	WORKER	7.66E-04	5.74E-04	7.30E-04	1.05E-03
558430.214160245.8	558430.21	4160245.8	WRKR_870	WORKER	7.98E-04	5.98E-04	7.60E-04	1.09E-03
558430.214160255.8	558430.21	4160255.8	WRKR_871	WORKER	8.31E-04	6.23E-04	7.93E-04	1.14E-03
558440.214160235.8	558440.21	4160235.8	WRKR_872	WORKER	7.51E-04	5.63E-04	7.16E-04	1.03E-03
558440.214160245.8	558440.21	4160245.8	WRKR_873	WORKER	7.82E-04	5.86E-04	7.46E-04	1.07E-03
558440.214160255.8	558440.21	4160255.8	WRKR_874	WORKER	8.16E-04	6.11E-04	7.78E-04	1.11E-03
558450.214160235.8	558450.21	4160235.8	WRKR_875	WORKER	7.37E-04	5.53E-04	7.03E-04	1.01E-03
558450.214160245.8	558450.21	4160245.8	WRKR_876	WORKER	7.68E-04	5.76E-04	7.32E-04	1.05E-03
558450.214160255.8	558450.21	4160255.8	WRKR_877	WORKER	8.01E-04	6.01E-04	7.64E-04	1.10E-03
558460.214160235.8	558460.21	4160235.8	WRKR_878	WORKER	7.24E-04	5.43E-04	6.91E-04	9.90E-04
558460.214160245.8	558460.21	4160245.8	WRKR_879	WORKER	7.55E-04	5.66E-04	7.20E-04	1.03E-03
558460.214160255.8	558460.21	4160255.8	WRKR_880	WORKER	7.88E-04	5.91E-04	7.52E-04	1.08E-03
558470.214160235.8	558470.21	4160235.8	WRKR_881	WORKER	7.13E-04	5.35E-04	6.80E-04	9.75E-04
558470.214160245.8	558470.21	4160245.8	WRKR_882	WORKER	7.43E-04	5.57E-04	7.09E-04	1.02E-03
558470.214160255.8	558470.21	4160255.8	WRKR_883	WORKER	7.76E-04	5.82E-04	7.40E-04	1.06E-03
558480.214160235.8	558480.21	4160235.8	WRKR_884	WORKER	7.03E-04	5.27E-04	6.70E-04	9.60E-04
558480.214160245.8	558480.21	4160245.8	WRKR_885	WORKER	7.33E-04	5.50E-04	6.99E-04	1.00E-03
558480.214160255.8	558480.21	4160255.8	WRKR_886	WORKER	7.66E-04	5.74E-04	7.31E-04	1.05E-03
558490.214160235.8	558490.21	4160235.8	WRKR_887	WORKER	6.93E-04	5.20E-04	6.61E-04	9.48E-04
558490.214160245.8	558490.21	4160245.8	WRKR_888	WORKER	7.23E-04	5.42E-04	6.89E-04	9.88E-04
558490.214160255.8	558490.21	4160255.8	WRKR_889	WORKER	7.57E-04	5.68E-04	7.22E-04	1.03E-03
558500.214160235.8	558500.21	4160235.8	WRKR_890	WORKER	6.85E-04	5.14E-04	6.54E-04	9.37E-04
558500.214160245.8	558500.21	4160245.8	WRKR_891	WORKER	7.16E-04	5.37E-04	6.83E-04	9.79E-04
558500.214160255.8	558500.21	4160255.8	WRKR_892	WORKER	7.49E-04	5.62E-04	7.15E-04	1.02E-03
558510.214160235.8	558510.21	4160235.8	WRKR_893	WORKER	6.78E-04	5.09E-04	6.47E-04	9.27E-04
558510.214160245.8	558510.21	4160245.8	WRKR_894	WORKER	7.09E-04	5.32E-04	6.76E-04	9.69E-04
558510.214160255.8	558510.21	4160255.8	WRKR_895	WORKER	7.43E-04	5.57E-04	7.08E-04	1.02E-03
558520.214160235.8	558520.21	4160235.8	WRKR_896	WORKER	6.72E-04	5.04E-04	6.41E-04	9.19E-04
558520.214160245.8	558520.21	4160245.8	WRKR_897	WORKER	7.03E-04	5.28E-04	6.71E-04	9.62E-04
558520.214160255.8	558520.21	4160255.8	WRKR_898	WORKER	7.37E-04	5.53E-04	7.03E-04	1.01E-03
558530.214160235.8	558530.21	4160235.8	WRKR_899	WORKER	6.67E-04	5.01E-04	6.37E-04	9.12E-04
558530.214160245.8	558530.21	4160245.8	WRKR_900	WORKER	6.99E-04	5.24E-04	6.67E-04	9.55E-04
558530.214160255.8	558530.21	4160255.8	WRKR_901	WORKER	7.33E-04	5.50E-04	7.00E-04	1.00E-03
558540.214160235.8	558540.21	4160235.8	WRKR_902	WORKER	6.63E-04	4.98E-04	6.33E-04	9.07E-04
558540.214160245.8	558540.21	4160245.8	WRKR_903	WORKER	6.95E-04	5.22E-04	6.63E-04	9.51E-04
558540.214160255.8	558540.21	4160255.8	WRKR_904	WORKER	7.30E-04	5.48E-04	6.97E-04	9.99E-04
558550.214160235.8	558550.21	4160235.8	WRKR_905	WORKER	6.60E-04	4.96E-04	6.30E-04	9.03E-04
558550.214160245.8	558550.21	4160245.8	WRKR_906	WORKER	6.93E-04	5.20E-04	6.61E-04	9.47E-04
558550.214160255.8	558550.21	4160255.8	WRKR_907	WORKER	7.28E-04	5.47E-04	6.95E-04	9.96E-04
558560.214160235.8	558560.21	4160235.8	WRKR_908	WORKER	6.58E-04	4.94E-04	6.28E-04	9.00E-04
558560.214160245.8	558560.21	4160245.8	WRKR_909	WORKER	6.91E-04	5.19E-04	6.60E-04	9.46E-04
558560.214160255.8	558560.21	4160255.8	WRKR_910	WORKER	7.28E-04	5.46E-04	6.94E-04	9.95E-04
558570.214160235.8	558570.21	4160235.8	WRKR_911	WORKER	6.57E-04	4.94E-04	6.27E-04	8.99E-04
558570.214160245.8	558570.21	4160245.8	WRKR_912	WORKER	6.91E-04	5.19E-04	6.60E-04	9.45E-04
558570.214160255.8	558570.21	4160255.8	WRKR_913	WORKER	7.28E-04	5.47E-04	6.95E-04	9.96E-04
558580.214160235.8	558580.21	4160235.8	WRKR_914	WORKER	6.57E-04	4.94E-04	6.27E-04	8.99E-04
558580.214160245.8	558580.21	4160245.8	WRKR_915	WORKER	6.92E-04	5.20E-04	6.60E-04	9.46E-04
558590.214160235.8	558590.21	4160235.8	WRKR_916	WORKER	6.58E-04	4.95E-04	6.28E-04	9.00E-04
558590.214160245.8	558590.21	4160245.8	WRKR_917	WORKER	6.93E-04	5.21E-04	6.62E-04	9.48E-04
558600.214160245.8	558600.21	4160245.8	WRKR_918	WORKER	6.96E-04	5.23E-04	6.64E-04	9.51E-04

Annual PM2.5

				AG	AH	AL	AJ	E	G	F	H	AG	AH	AL	AJ	E	G	F	H	AG	AH	AL	AJ	E	G	F	H
				Year 1 Project Concentrations (μg/m³)								**Year 2 Project Concentrations (μg/m³)**								**Year 3 Project Concentrations (μg/m³)**								**Year 4 Project Concentrations (μg/m³)**							
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**				**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**				**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**				**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**			
557996.384160720	557996	4160721	WRKR_1	2.54E-02	1.64E-05	2.02E-02	3.15E-05	**4.57E-02**				1.13E-02	2.33E-05	1.04E-02	3.52E-05	**2.17E-02**				6.05E-03	2.25E-05	7.24E-05	3.90E-05	**6.19E-03**				6.98E-03	2.74E-05	0.00E+00	5.49E-05	**7.06E-03**			
557996.384160730	557996	4160731	WRKR_2	2.50E-02	1.63E-05	1.99E-02	3.14E-05	**4.50E-02**				1.12E-02	2.32E-05	1.02E-02	3.51E-05	**2.14E-02**				5.96E-03	2.24E-05	7.13E-05	3.89E-05	**6.09E-03**				6.87E-03	2.72E-05	0.00E+00	5.47E-05	**6.95E-03**			
557996.384160740	557996	4160741	WRKR_3	2.43E-02	1.62E-05	1.93E-02	3.11E-05	**4.37E-02**				1.08E-02	2.30E-05	9.90E-03	3.48E-05	**2.08E-02**				5.79E-03	2.23E-05	6.93E-05	3.86E-05	**5.92E-03**				6.68E-03	2.70E-05	0.00E+00	5.43E-05	**6.76E-03**			
558006.384160710	558006	4160711	WRKR_4	2.91E-02	1.71E-05	2.32E-02	3.27E-05	**5.23E-02**				1.30E-02	2.42E-05	1.19E-02	3.66E-05	**2.49E-02**				6.92E-03	2.34E-05	8.31E-05	4.05E-05	**7.07E-03**				7.98E-03	2.85E-05	0.00E+00	5.70E-05	**8.07E-03**			
558006.384160720	558006	4160721	WRKR_5	2.87E-02	1.70E-05	2.30E-02	3.26E-05	**5.17E-02**				1.28E-02	2.41E-05	1.18E-02	3.64E-05	**2.46E-02**				6.83E-03	2.33E-05	8.23E-05	4.04E-05	**6.97E-03**				7.87E-03	2.83E-05	0.00E+00	5.69E-05	**7.96E-03**			
558006.384160730	558006	4160731	WRKR_6	2.81E-02	1.69E-05	2.25E-02	3.24E-05	**5.06E-02**				1.25E-02	2.40E-05	1.15E-02	3.63E-05	**2.41E-02**				6.68E-03	2.32E-05	8.05E-05	4.02E-05	**6.82E-03**				7.70E-03	2.82E-05	0.00E+00	5.66E-05	**7.78E-03**			
558006.384160740	558006	4160741	WRKR_7	2.74E-02	1.68E-05	2.19E-02	3.22E-05	**4.93E-02**				1.22E-02	2.38E-05	1.12E-02	3.60E-05	**2.34E-02**				6.51E-03	2.30E-05	7.83E-05	3.99E-05	**6.65E-03**				7.50E-03	2.80E-05	0.00E+00	5.62E-05	**7.59E-03**			
558016.384160710	558016	4160711	WRKR_8	3.31E-02	1.77E-05	2.66E-02	3.39E-05	**5.98E-02**				1.47E-02	2.51E-05	1.36E-02	3.79E-05	**2.84E-02**				7.88E-03	2.43E-05	9.54E-05	4.20E-05	**8.04E-03**				9.08E-03	2.95E-05	0.00E+00	5.91E-05	**9.17E-03**			
558016.384160720	558016	4160721	WRKR_9	3.25E-02	1.76E-05	2.62E-02	3.37E-05	**5.88E-02**				1.45E-02	2.49E-05	1.34E-02	3.77E-05	**2.80E-02**				7.74E-03	2.41E-05	9.40E-05	4.18E-05	**7.90E-03**				8.92E-03	2.93E-05	0.00E+00	5.88E-05	**9.01E-03**			
558016.384160730	558016	4160731	WRKR_10	3.17E-02	1.75E-05	2.56E-02	3.36E-05	**5.74E-02**				1.41E-02	2.48E-05	1.31E-02	3.75E-05	**2.73E-02**				7.54E-03	2.40E-05	9.17E-05	4.16E-05	**7.70E-03**				8.70E-03	2.91E-05	0.00E+00	5.85E-05	**8.79E-03**			
558016.384160740	558016	4160741	WRKR_11	3.07E-02	1.74E-05	2.48E-02	3.33E-05	**5.55E-02**				1.37E-02	2.46E-05	1.27E-02	3.72E-05	**2.64E-02**				7.30E-03	2.38E-05	8.87E-05	4.13E-05	**7.46E-03**				8.42E-03	2.89E-05	0.00E+00	5.81E-05	**8.51E-03**			
558026.384160710	558026	4160711	WRKR_12	3.77E-02	1.83E-05	3.07E-02	3.50E-05	**6.85E-02**				1.68E-02	2.59E-05	1.57E-02	3.91E-05	**3.26E-02**				8.98E-03	2.51E-05	1.10E-04	4.34E-05	**9.16E-03**				1.04E-02	3.04E-05	0.00E+00	6.11E-05	**1.04E-02**			
558026.384160720	558026	4160721	WRKR_13	3.72E-02	1.82E-05	3.03E-02	3.49E-05	**6.76E-02**				1.66E-02	2.58E-05	1.55E-02	3.91E-05	**3.22E-02**				8.85E-03	2.50E-05	1.09E-04	4.33E-05	**9.02E-03**				1.02E-02	3.03E-05	0.00E+00	6.09E-05	**1.03E-02**			
558026.384160730	558026	4160731	WRKR_14	3.61E-02	1.81E-05	2.95E-02	3.47E-05	**6.56E-02**				1.61E-02	2.56E-05	1.51E-02	3.88E-05	**3.12E-02**				8.58E-03	2.48E-05	1.06E-04	4.30E-05	**8.75E-03**				9.89E-03	3.01E-05	0.00E+00	6.06E-05	**9.98E-03**			
558026.384160740	558026	4160741	WRKR_15	3.47E-02	1.79E-05	2.84E-02	3.45E-05	**6.32E-02**				1.55E-02	2.54E-05	1.45E-02	3.85E-05	**3.01E-02**				8.26E-03	2.46E-05	1.02E-04	4.27E-05	**8.43E-03**				9.53E-03	2.99E-05	0.00E+00	6.01E-05	**9.62E-03**			
558277.534160581	558278	4160581	WRKR_16	1.00E-01	8.97E-05	8.78E-02	1.76E-04	**1.88E-01**				4.45E-02	1.27E-04	4.50E-02	1.97E-04	**8.98E-02**				2.38E-02	1.23E-04	3.14E-04	2.18E-04	**2.44E-02**				2.74E-02	1.50E-04	0.00E+00	3.07E-04	**2.79E-02**			
558277.534160591	558278	4160591	WRKR_17	1.21E-01	9.23E-05	1.09E-01	1.82E-04	**2.30E-01**				5.37E-02	1.31E-04	5.59E-02	2.03E-04	**1.10E-01**				2.87E-02	1.27E-04	3.91E-04	2.25E-04	**2.94E-02**				3.31E-02	1.54E-04	0.00E+00	3.17E-04	**3.35E-02**			
558287.534160581	558288	4160581	WRKR_18	9.75E-02	1.01E-04	8.44E-02	2.00E-04	**1.82E-01**				4.34E-02	1.44E-04	4.32E-02	2.23E-04	**8.70E-02**				2.32E-02	1.39E-04	3.02E-04	2.47E-04	**2.39E-02**				2.67E-02	1.69E-04	0.00E+00	3.48E-04	**2.72E-02**			
558287.534160591	558288	4160591	WRKR_19	1.16E-01	1.05E-04	1.04E-01	2.08E-04	**2.20E-01**				5.17E-02	1.48E-04	5.30E-02	2.32E-04	**1.05E-01**				2.76E-02	1.44E-04	3.71E-04	2.57E-04	**2.84E-02**				3.18E-02	1.74E-04	0.00E+00	3.62E-04	**3.24E-02**			
558297.534160581	558298	4160581	WRKR_20	9.41E-02	1.16E-04	8.11E-02	2.29E-04	**1.75E-01**				4.19E-02	1.64E-04	4.15E-02	2.56E-04	**8.38E-02**				2.24E-02	1.59E-04	2.90E-04	2.84E-04	**2.31E-02**				2.58E-02	1.93E-04	0.00E+00	4.00E-04	**2.64E-02**			
558297.534160591	558298	4160591	WRKR_21	1.12E-01	1.20E-04	9.85E-02	2.41E-04	**2.11E-01**				4.97E-02	1.71E-04	5.04E-02	2.70E-04	**1.01E-01**				2.66E-02	1.65E-04	3.53E-04	2.99E-04	**2.74E-02**				3.06E-02	2.01E-04	0.00E+00	4.21E-04	**3.12E-02**			
558307.534160581	558308	4160581	WRKR_22	9.00E-02	1.33E-04	7.75E-02	2.66E-04	**1.68E-01**				4.01E-02	1.88E-04	3.97E-02	2.97E-04	**8.02E-02**				2.14E-02	1.82E-04	2.78E-04	3.30E-04	**2.22E-02**				2.47E-02	2.21E-04	0.00E+00	4.64E-04	**2.54E-02**			
558307.534160591	558308	4160591	WRKR_23	1.07E-01	1.40E-04	9.40E-02	2.85E-04	**2.02E-01**				4.78E-02	1.99E-04	4.81E-02	3.19E-04	**9.65E-02**				2.55E-02	1.92E-04	3.37E-04	3.54E-04	**2.64E-02**				2.94E-02	2.34E-04	0.00E+00	4.98E-04	**3.02E-02**			
558317.534160581	558318	4160581	WRKR_24	8.63E-02	1.54E-04	7.42E-02	3.12E-04	**1.61E-01**				3.84E-02	2.18E-04	3.80E-02	3.48E-04	**7.70E-02**				2.05E-02	2.11E-04	2.66E-04	3.86E-04	**2.14E-02**				2.37E-02	2.56E-04	0.00E+00	5.44E-04	**2.45E-02**			
558317.534160591	558318	4160591	WRKR_25	1.03E-01	1.65E-04	8.98E-02	3.43E-04	**1.93E-01**				4.59E-02	2.34E-04	4.60E-02	3.84E-04	**9.25E-02**				2.45E-02	2.27E-04	3.22E-04	4.25E-04	**2.55E-02**				2.83E-02	2.75E-04	0.00E+00	5.98E-04	**2.92E-02**			
558327.534160581	558328	4160581	WRKR_26	8.26E-02	1.77E-04	7.09E-02	3.65E-04	**1.54E-01**				3.68E-02	2.51E-04	3.63E-02	4.08E-04	**7.37E-02**				1.96E-02	2.43E-04	2.54E-04	4.53E-04	**2.06E-02**				2.27E-02	2.95E-04	0.00E+00	6.37E-04	**2.36E-02**			
558327.534160591	558328	4160591	WRKR_27	9.90E-02	1.96E-04	8.58E-02	4.17E-04	**1.85E-01**				4.40E-02	2.79E-04	4.39E-02	4.67E-04	**8.87E-02**				2.35E-02	2.70E-04	3.07E-04	5.17E-04	**2.46E-02**				2.71E-02	3.27E-04	0.00E+00	7.28E-04	**2.82E-02**			
558337.534160581	558338	4160581	WRKR_28	7.84E-02	2.01E-04	6.73E-02	4.20E-04	**1.46E-01**				3.49E-02	2.85E-04	3.44E-02	4.70E-04	**7.01E-02**				1.86E-02	2.76E-04	2.41E-04	5.21E-04	**1.97E-02**				2.15E-02	3.35E-04	0.00E+00	7.33E-04	**2.26E-02**			
558101.054160547	558101	4160547	WRKR_29	4.43E-02	2.60E-05	3.61E-02	5.05E-05	**8.05E-02**				1.97E-02	3.69E-05	1.85E-02	5.64E-05	**3.83E-02**				1.05E-02	3.58E-05	1.29E-04	6.25E-05	**1.08E-02**				1.22E-02	4.34E-05	0.00E+00	8.80E-05	**1.23E-02**			
558101.054160557	558101	4160557	WRKR_30	4.83E-02	2.62E-05	3.95E-02	5.08E-05	**8.79E-02**				2.15E-02	3.71E-05	2.02E-02	5.68E-05	**4.18E-02**				1.15E-02	3.59E-05	1.41E-04	6.29E-05	**1.17E-02**				1.33E-02	4.36E-05	0.00E+00	8.86E-05	**1.34E-02**			
558111.054160547	558111	4160547	WRKR_31	4.71E-02	2.73E-05	3.85E-02	5.28E-05	**8.57E-02**				2.10E-02	3.87E-05	1.97E-02	5.90E-05	**4.08E-02**				1.12E-02	3.74E-05	1.38E-04	6.54E-05	**1.15E-02**				1.29E-02	4.54E-05	0.00E+00	9.21E-05	**1.31E-02**			
558111.054160557	558111	4160557	WRKR_32	5.17E-02	2.74E-05	4.22E-02	5.32E-05	**9.40E-02**				2.30E-02	3.89E-05	2.16E-02	5.95E-05	**4.47E-02**				1.23E-02	3.76E-05	1.51E-04	6.59E-05	**1.25E-02**				1.42E-02	4.57E-05	0.00E+00	9.28E-05	**1.43E-02**			
558111.054160567	558111	4160567	WRKR_33	5.68E-02	2.75E-05	4.66E-02	5.35E-05	**1.04E-01**				2.53E-02	3.90E-05	2.39E-02	5.98E-05	**4.93E-02**				1.35E-02	3.78E-05	1.67E-04	6.62E-05	**1.38E-02**				1.56E-02	4.59E-05	0.00E+00	9.32E-05	**1.57E-02**			
558121.054160537	558121	4160537	WRKR_34	4.55E-02	2.84E-05	3.71E-02	5.48E-05	**8.27E-02**				2.03E-02	4.02E-05	1.90E-02	6.13E-05	**3.94E-02**				1.08E-02	3.90E-05	1.33E-04	6.79E-05	**1.11E-02**				1.25E-02	4.73E-05	0.00E+00	9.57E-05	**1.26E-02**			
558121.054160547	558121	4160547	WRKR_35	5.00E-02	2.86E-05	4.08E-02	5.53E-05	**9.09E-02**				2.23E-02	4.05E-05	2.09E-02	6.19E-05	**4.33E-02**				1.19E-02	3.92E-05	1.46E-04	6.86E-05	**1.21E-02**				1.37E-02	4.76E-05	0.00E+00	9.65E-05	**1.39E-02**			
558121.054160557	558121	4160557	WRKR_36	5.50E-02	2.88E-05	4.51E-02	5.58E-05	**1.00E-01**				2.45E-02	4.08E-05	2.31E-02	6.23E-05	**4.77E-02**				1.31E-02	3.95E-05	1.62E-04	6.91E-05	**1.34E-02**				1.51E-02	4.79E-05	0.00E+00	9.72E-05	**1.52E-02**			
558121.054160567	558121	4160567	WRKR_37	6.08E-02	2.89E-05	5.01E-02	5.61E-05	**1.11E-01**				2.71E-02	4.10E-05	2.57E-02	6.27E-05	**5.29E-02**				1.45E-02	3.96E-05	1.80E-04	6.95E-05	**1.48E-02**				1.67E-02	4.81E-05	0.00E+00	9.78E-05	**1.68E-02**			
558121.054160577	558121	4160577	WRKR_38	6.75E-02	2.90E-05	5.61E-02	5.62E-05	**1.24E-01**				3.00E-02	4.11E-05	2.87E-02	6.29E-05	**5.89E-02**				1.60E-02	3.98E-05	2.01E-04	6.97E-05	**1.64E-02**				1.85E-02	4.83E-05	0.00E+00	9.81E-05	**1.86E-02**			
558121.054160587	558121	4160587	WRKR_39	7.50E-02	2.90E-05	6.33E-02	5.63E-05	**1.38E-01**				3.34E-02	4.11E-05	3.24E-02	6.29E-05	**6.59E-02**				1.78E-02	3.98E-05	2.27E-04	6.97E-05	**1.82E-02**				2.06E-02	4.84E-05	0.00E+00	9.82E-05	**2.07E-02**			
558131.054160527	558131	4160527	WRKR_40	4.35E-02	2.95E-05	3.55E-02	5.70E-05	**7.90E-02**				1.93E-02	4.19E-05	1.82E-02	6.37E-05	**3.76E-02**				1.03E-02	4.05E-05	1.27E-04	7.06E-05	**1.06E-02**				1.19E-02	4.92E-05	0.00E+00	9.94E-05	**1.21E-02**			
558131.054160537	558131	4160537	WRKR_41	4.78E-02	2.98E-05	3.91E-02	5.75E-05	**8.70E-02**				2.13E-02	4.22E-05	2.00E-02	6.43E-05	**4.14E-02**				1.14E-02	4.09E-05	1.40E-04	7.13E-05	**1.16E-02**				1.31E-02	4.96E-05	0.00E+00	1.00E-04	**1.33E-02**			
558131.054160547	558131	4160547	WRKR_42	5.28E-02	3.00E-05	4.33E-02	5.81E-05	**9.61E-02**				2.35E-02	4.25E-05	2.22E-02	6.49E-05	**4.58E-02**				1.26E-02	4.12E-05	1.55E-04	7.19E-05	**1.28E-02**				1.45E-02	5.00E-05	0.00E+00	1.01E-04	**1.46E-02**			
558131.054160557	558131	4160557	WRKR_43	5.84E-02	3.02E-05	4.81E-02	5.85E-05	**1.07E-01**				2.60E-02	4.28E-05	2.47E-02	6.54E-05	**5.08E-02**				1.39E-02	4.14E-05	1.72E-04	7.25E-05	**1.42E-02**				1.60E-02	5.03E-05	0.00E+00	1.02E-04	**1.62E-02**			
558131.054160567	558131	4160567	WRKR_44	6.49E-02	3.03E-05	5.39E-02	5.89E-05	**1.19E-01**				2.89E-02	4.30E-05	2.76E-02	6.58E-05	**5.66E-02**				1.54E-02	4.16E-05	1.93E-04	7.29E-05	**1.58E-02**				1.78E-02	5.06E-05	0.00E+00	1.03E-04	**1.80E-02**			
558131.054160577	558131	4160577	WRKR_45	7.25E-02	3.05E-05	6.07E-02	5.91E-05	**1.33E-01**				3.23E-02	4.32E-05	3.11E-02	6.61E-05	**6.35E-02**				1.72E-02	4.18E-05	2.18E-04	7.32E-05	**1.76E-02**				1.99E-02	5.08E-05	0.00E+00	1.03E-04	**2.00E-02**			
558131.054160587	558131	4160587	WRKR_46	8.11E-02	3.05E-05	6.91E-02	5.92E-05	**1.50E-01**				3.61E-02	4.33E-05	3.54E-02	6.62E-05	**7.16E-02**				1.93E-02	4.19E-05	2.47E-04	7.33E-05	**1.97E-02**				2.22E-02	5.09E-05	0.00E+00	1.03E-04	**2.24E-02**			
558131.054160597	558131	4160597	WRKR_47	9.10E-02	3.05E-05	7.93E-02	5.91E-05	**1.70E-01**				4.05E-02	4.33E-05	4.06E-02	6.61E-05	**8.13E-02**				2.16E-02	4.19E-05	2.84E-04	7.32E-05	**2.20E-02**				2.50E-02	5.09E-05	0.00E+00	1.03E-04	**2.51E-02**			
558141.054160527	558141	4160527	WRKR_48	4.53E-02	3.10E-05	3.70E-02	5.98E-05	**8.24E-02**				2.02E-02	4.40E-05	1.90E-02	6.69E-05	**3.92E-02**				1.08E-02	4.26E-05	1.33E-04	7.41E-05	**1.10E-02**				1.24E-02	5.17E-05	0.00E+00	1.04E-04	**1.26E-02**			
558141.054160537	558141	4160537	WRKR_49	5.00E-02	3.13E-05	4.11E-02	6.04E-05	**9.12E-02**				2.23E-02	4.44E-05	2.10E-02	6.76E-05	**4.34E-02**				1.19E-02	4.29E-05	1.47E-04	7.49E-05	**1.22E-02**				1.37E-02	5.21E-05	0.00E+00	1.05E-04	**1.39E-02**			
558141.054160547	558141	4160547	WRKR_50	5.55E-02	3.15E-05	4.58E-02	6.10E-05	**1.01E-01**				2.47E-02	4.47E-05	2.34E-02	6.82E-05	**4.83E-02**				1.32E-02	4.33E-05	1.64E-04	7.56E-05	**1.35E-02**				1.52E-02	5.25E-05	0.00E+00	1.06E-04	**1.54E-02**			
558141.054160557	558141	4160557	WRKR_51	6.18E-02	3.17E-05	5.13E-02	6.15E-05	**1.13E-01**				2.75E-02	4.50E-05	2.63E-02	6.88E-05	**5.39E-02**				1.47E-02	4.36E-05	1.84E-04	7.62E-05	**1.50E-02**				1.70E-02	5.29E-05	0.00E+00	1.07E-04	**1.71E-02**			
558141.054160567	558141	4160567	WRKR_52	6.92E-02	3.19E-05	5.78E-02	6.19E-05	**1.27E-01**				3.08E-02	4.53E-05	2.96E-02	6.92E-05	**6.05E-02**				1.65E-02	4.38E-05	2.07E-04	7.67E-05	**1.68E-02**				1.90E-02	5.32E-05	0.00E+00	1.08E-04	**1.91E-02**			
558141.054160577	558141	4160577	WRKR_53	7.77E-02	3.21E-05	6.57E-02	6.22E-05	**1.44E-01**				3.46E-02	4.55E-05	3.37E-02	6.95E-05	**6.84E-02**				1.85E-02	4.40E-05	2.36E-04	7.71E-05	**1.88E-02**				2.13E-02	5.34E-05	0.00E+00	1.08E-04	**2.15E-02**			
558141.054160587	558141	4160587	WRKR_54	8.75E-02	3.21E-05	7.55E-02	6.23E-05	**1.63E-01**				3.89E-02	4.56E-05	3.87E-02	6.97E-05	**7.77E-02**				2.08E-02	4.41E-05	2.70E-04	7.72E-05	**2.12E-02**				2.40E-02	5.36E-05	0.00E+00	1.09E-04	**2.41E-02**			
558141.054160597	558141	4160597	WRKR_55	9.87E-02	3.22E-05	8.76E-02	6.23E-05	**1.86E-01**				4.39E-02	4.56E-05	4.49E-02	6.96E-05	**8.89E-02**				2.35E-02	4.42E-05	3.14E-04	7.72E-05	**2.39E-02**				2.71E-02	5.36E-05	0.00E+00	1.09E-04	**2.72E-02**			
558141.054160607	558141	4160607	WRKR_56	1.11E-01	3.21E-05	1.03E-01	6.21E-05	**2.14E-01**				4.96E-02	4.56E-05	5.27E-02	6.94E-05	**1.02E-01**				2.65E-02	4.41E-05	3.69E-04	7.70E-05	**2.70E-02**				3.06E-02	5.35E-05	0.00E+00	1.08E-04	**3.07E-02**			
558151.054160537	558151	4160537	WRKR_57	5.21E-02	3.29E-05	4.30E-02	6.36E-05	**9.52E-02**				2.32E-02	4.67E-05	2.20E-02	7.11E-05	**4.53E-02**				1.24E-02	4.52E-05	1.54E-04	7.88E-05	**1.27E-02**				1.43E-02	5.49E-05	0.00E+00	1.11E-04	**1.45E-02**			
558151.054160547	558151	4160547	WRKR_58	5.82E-02	3.32E-05	4.82E-02	6.42E-05	**1.06E-01**				2.59E-02	4.71E-05	2.47E-02	7.18E-05	**5.07E-02**				1.38E-02	4.56E-05	1.73E-04	7.96E-05	**1.41E-02**				1.59E-02	5.53E-05	0.00E+00	1.12E-04	**1.61E-02**			
558151.054160557	558151	4160557	WRKR_59	6.52E-02	3.34E-05	5.45E-02	6.48E-05	**1.20E-01**				2.90E-02	4.74E-05	2.79E-02	7.24E-05	**5.71E-02**				1.55E-02	4.59E-05	1.95E-04	8.02E-05	**1.58E-02**				1.79E-02	5.57E-05	0.00E+00	1.13E-04	**1.81E-02**			
558151.054160567	558151	4160567	WRKR_60	7.35E-02	3.37E-05	6.21E-02	6.52E-05	**1.36E-01**				3.27E-02	4.77E-05	3.18E-02	7.29E-05	**6.46E-02**				1.75E-02	4.62E-05	2.22E-04	8.08E-05	**1.78E-02**				2.01E-02	5.61E-05	0.00E+00	1.14E-04	**2.03E-02**			
558151.054160577	558151	4160577	WRKR_61	8.31E-02	3.38E-05	7.13E-02	6.56E-05	**1.54E-01**				3.70E-02	4.80E-05	3.65E-02	7.33E-05	**7.36E-02**				1.98E-02	4.64E-05	2.55E-04	8.13E-05	**2.01E-02**				2.28E-02	5.64E-05	0.00E+00	1.14E-04	**2.30E-02**			
558151.054160587	558151	4160587	WRKR_62	9.41E-02	3.39E-05	8.27E-02	6.58E-05	**1.77E-01**				4.19E-02	4.81E-05	4.24E-02	7.35E-05	**8.44E-02**				2.24E-02	4.66E-05	2.96E-04	8.15E-05	**2.28E-02**				2.58E-02	5.65E-05	0.00E+00	1.15E-04	**2.60E-02**			
558151.054160597	558151	4160597	WRKR_63	1.08E-01	3.40E-05	9.72E-02	6.58E-05	**2.05E-01**				4.80E-02	4.82E-05	4.98E-02	7.35E-05	**9.79E-02**				2.57E-02	4.66E-05	3.48E-04	8.15E-05	**2.61E-02**				2.96E-02	5.66E-05	0.00E+00	1.15E-04	**2.97E-02**			
558151.054160607	558151	4160607	WRKR_64	1.24E-01	3.40E-05	1.16E-01	6.56E-05	**2.39E-01**				5.50E-02	4.81E-05	5.92E-02	7.33E-05	**1.14E-01**				2.94E-02	4.66E-05	4.14E-04	8.13E-05	**2.99E-02**				3.39E-02	5.66E-05	0.00E+00	1.14E-04	**3.41E-02**			
558151.054160617	558151	4160617	WRKR_65	1.41E-01	3.38E-05	1.40E-01	6.53E-05	**2.82E-01**				6.28E-02	4.80E-05	7.18E-02	7.30E-05	**1.35E-01**				3.36E-02	4.65E-05	5.03E-04	8.09E-05	**3.42E-02**				3.87E-02	5.64E-05	0.00E+00	1.14E-04	**3.89E-02**			
558161.054160547	558161	4160547	WRKR_66	6.12E-02	3.50E-05	5.04E-02	6.77E-05	**1.12E-01**				2.72E-02	4.97E-05	2.58E-02	7.57E-05	**5.32E-02**				1.46E-02	4.81E-05	1.81E-04	8.39E-05	**1.49E-02**				1.68E-02	5.84E-05	0.00E+00	1.18E-04	**1.70E-02**			
558161.054160557	558161	4160557	WRKR_67	6.85E-02	3.53E-05	5.78E-02	6.83E-05	**1.26E-01**				3.05E-02	5.01E-05	2.96E-02	7.64E-05	**6.02E-02**				1.63E-02	4.85E-05	2.07E-04	8.47E-05	**1.66E-02**				1.88E-02	5.88E-05	0.00E+00	1.19E-04	**1.90E-02**			
558161.054160567	558161	4160567	WRKR_68	7.77E-02	3.56E-05	6.65E-02	6.89E-05	**1.44E-01**				3.46E-02	5.04E-05	3.41E-02	7.70E-05	**6.88E-02**				1.85E-02	4.88E-05	2.38E-04	8.53E-05	**1.89E-02**				2.13E-02	5.93E-05	0.00E+00	1.20E-04	**2.15E-02**			
558161.054160577	558161	4160577	WRKR_69	8.85E-02	3.58E-05	7.73E-02	6.93E-05	**1.66E-01**				3.94E-02	5.07E-05	3.96E-02	7.75E-05	**7.91E-02**				2.11E-02	4.91E-05	2.77E-04	8.58E-05	**2.15E-02**				2.43E-02	5.96E-05	0.00E+00	1.21E-04	**2.45E-02**			
558161.054160587	558161	4160587	WRKR_70	1.01E-01	3.59E-05	9.10E-02	6.96E-05	**1.92E-01**				4.50E-02	5.09E-05	4.66E-02	7.77E-05	**9.17E-02**				2.40E-02	4.93E-05	3.26E-04

Annual PM2.5

				AG	AH	AL	AJ	E	G	F	H						E	G	F	H	
				Year 1 Project Concentrations (μg/m³)				**Year 2 Project Concentrations (μg/m³)**					**Year 3 Project Concentrations (μg/m³)**				**Year 4 Project Concentrations (μg/m³)**				
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**
558171.054160587	558171	4160587	WRKR_76	1.08E-01	3.81E-05	1.00E-01	7.37E-05	**2.08E-01**	4.81E-02	5.40E-05	5.14E-02	8.24E-05	**9.96E-02**	2.57E-02	5.22E-05	3.60E-04	9.13E-05	**2.62E-02**	2.96E-02	6.34E-05	0.00E+00	1.29E-04	**2.98E-02**
558171.054160597	558171	4160597	WRKR_77	1.28E-01	3.81E-05	1.21E-01	7.37E-05	**2.49E-01**	5.69E-02	5.40E-05	6.22E-02	8.24E-05	**1.19E-01**	3.04E-02	5.23E-05	4.35E-04	9.13E-05	**3.10E-02**	3.50E-02	6.35E-05	0.00E+00	1.29E-04	**3.52E-02**
558181.054160567	558181	4160567	WRKR_78	8.65E-02	4.00E-05	7.54E-02	7.73E-05	**1.62E-01**	3.85E-02	5.67E-05	3.86E-02	8.64E-05	**7.72E-02**	2.06E-02	5.49E-05	2.70E-04	9.57E-05	**2.10E-02**	2.37E-02	6.66E-05	0.00E+00	1.35E-04	**2.39E-02**
558181.054160577	558181	4160577	WRKR_79	9.92E-02	4.02E-05	9.09E-02	7.79E-05	**1.90E-01**	4.41E-02	5.71E-05	4.66E-02	8.71E-05	**9.08E-02**	2.36E-02	5.52E-05	3.26E-04	9.65E-05	**2.41E-02**	2.72E-02	6.71E-05	0.00E+00	1.36E-04	**2.74E-02**
558181.054160587	558181	4160587	WRKR_80	1.15E-01	4.05E-05	1.11E-01	7.84E-05	**2.27E-01**	5.13E-02	5.74E-05	5.70E-02	8.76E-05	**1.08E-01**	2.74E-02	5.55E-05	3.99E-04	9.71E-05	**2.80E-02**	3.16E-02	6.74E-05	0.00E+00	1.37E-04	**3.18E-02**
558191.054160577	558191	4160577	WRKR_81	1.03E-01	4.27E-05	9.51E-02	8.24E-05	**1.99E-01**	4.61E-02	6.05E-05	4.87E-02	9.21E-05	**9.49E-02**	2.46E-02	5.86E-05	3.41E-04	1.02E-04	**2.51E-02**	2.84E-02	7.11E-05	0.00E+00	1.44E-04	**2.86E-02**
558368.544160582	558369	4160582	WRKR_82	6.90E-02	2.80E-04	5.87E-02	6.04E-04	**1.29E-01**	3.07E-02	3.97E-04	3.01E-02	6.75E-04	**6.19E-02**	1.64E-02	3.85E-04	2.10E-04	7.48E-04	**1.78E-02**	1.89E-02	4.67E-04	0.00E+00	1.05E-03	**2.05E-02**
558378.544160582	558379	4160582	WRKR_83	6.54E-02	2.95E-04	5.53E-02	6.41E-04	**1.22E-01**	2.91E-02	4.18E-04	2.83E-02	7.16E-04	**5.85E-02**	1.55E-02	4.05E-04	1.98E-04	7.94E-04	**1.69E-02**	1.79E-02	4.92E-04	0.00E+00	1.12E-03	**1.95E-02**
558378.544160592	558379	4160592	WRKR_84	7.40E-02	3.59E-04	6.38E-02	8.19E-04	**1.39E-01**	3.30E-02	5.09E-04	3.27E-02	9.15E-04	**6.70E-02**	1.76E-02	4.93E-04	2.28E-04	1.01E-03	**1.93E-02**	2.03E-02	5.99E-04	0.00E+00	1.43E-03	**2.23E-02**
558378.544160602	558379	4160602	WRKR_85	8.34E-02	4.40E-04	7.37E-02	1.08E-03	**1.59E-01**	3.71E-02	6.24E-04	3.78E-02	1.20E-03	**7.67E-02**	1.98E-02	6.04E-04	2.64E-04	1.34E-03	**2.20E-02**	2.29E-02	7.33E-04	0.00E+00	1.88E-03	**2.55E-02**
558378.544160612	558379	4160612	WRKR_86	9.72E-02	5.89E-04	8.85E-02	1.03E-03	**1.87E-01**	4.33E-02	8.36E-04	4.53E-02	1.16E-03	**9.06E-02**	2.31E-02	8.09E-04	3.17E-04	1.28E-03	**2.55E-02**	2.67E-02	9.82E-04	0.00E+00	1.80E-03	**2.94E-02**
558388.544160582	558389	4160582	WRKR_87	6.11E-02	3.09E-04	5.16E-02	6.73E-04	**1.14E-01**	2.72E-02	4.39E-04	2.64E-02	7.52E-04	**5.48E-02**	1.45E-02	4.25E-04	1.85E-04	8.34E-04	**1.60E-02**	1.68E-02	5.15E-04	0.00E+00	1.17E-03	**1.85E-02**
558388.544160592	558389	4160592	WRKR_88	6.87E-02	3.80E-04	5.89E-02	8.66E-04	**1.29E-01**	3.06E-02	5.39E-04	3.02E-02	9.68E-04	**6.23E-02**	1.63E-02	5.22E-04	2.11E-04	1.07E-03	**1.81E-02**	1.88E-02	6.34E-04	0.00E+00	1.51E-03	**2.10E-02**
558388.544160602	558389	4160602	WRKR_89	7.69E-02	4.68E-04	6.77E-02	1.14E-03	**1.46E-01**	3.42E-02	6.64E-04	3.47E-02	1.28E-03	**7.08E-02**	1.83E-02	6.42E-04	2.42E-04	1.42E-03	**2.06E-02**	2.11E-02	7.80E-04	0.00E+00	1.99E-03	**2.39E-02**
558388.544160612	558389	4160612	WRKR_90	8.94E-02	4.16E-04	8.08E-02	1.05E-03	**1.72E-01**	3.98E-02	5.90E-04	4.14E-02	1.17E-03	**8.29E-02**	2.13E-02	5.71E-04	2.90E-04	1.30E-03	**2.34E-02**	2.45E-02	6.93E-04	0.00E+00	1.83E-03	**2.70E-02**
558398.544160582	558399	4160582	WRKR_91	5.64E-02	3.26E-04	4.77E-02	7.05E-04	**1.05E-01**	2.51E-02	4.63E-04	2.44E-02	7.88E-04	**5.08E-02**	1.34E-02	4.48E-04	1.71E-04	8.73E-04	**1.49E-02**	1.55E-02	5.44E-04	0.00E+00	1.23E-03	**1.73E-02**
558398.544160592	558399	4160592	WRKR_92	6.31E-02	3.93E-04	5.42E-02	8.93E-04	**1.19E-01**	2.81E-02	5.57E-04	2.77E-02	9.98E-04	**5.74E-02**	1.50E-02	5.39E-04	1.94E-04	1.11E-03	**1.69E-02**	1.73E-02	6.55E-04	0.00E+00	1.56E-03	**1.95E-02**
558398.544160602	558399	4160602	WRKR_93	7.11E-02	4.95E-04	6.22E-02	1.21E-03	**1.35E-01**	3.17E-02	7.01E-04	3.19E-02	1.35E-03	**6.56E-02**	1.69E-02	6.79E-04	2.23E-04	1.49E-03	**1.93E-02**	1.95E-02	8.24E-04	0.00E+00	2.10E-03	**2.24E-02**
558398.544160612	558399	4160612	WRKR_94	8.18E-02	4.61E-04	7.34E-02	1.16E-03	**1.57E-01**	3.64E-02	6.54E-04	3.76E-02	1.29E-03	**7.59E-02**	1.95E-02	6.33E-04	2.63E-04	1.43E-03	**2.18E-02**	2.24E-02	7.69E-04	0.00E+00	2.01E-03	**2.52E-02**
557976.094160490	557976	4160490	HLTN_1	1.37E-02	1.56E-05	1.11E-02	2.99E-05	**2.49E-02**	6.09E-03	2.21E-05	5.70E-03	3.34E-05	**1.19E-02**	3.25E-03	2.14E-05	3.99E-05	3.70E-05	**3.35E-03**	3.75E-03	2.60E-05	0.00E+00	5.21E-05	**3.83E-03**
557976.094160500	557976	4160500	HLTN_2	1.42E-02	1.57E-05	1.15E-02	3.01E-05	**2.57E-02**	6.32E-03	2.23E-05	5.89E-03	3.36E-05	**1.23E-02**	3.38E-03	2.16E-05	4.12E-05	3.73E-05	**3.48E-03**	3.89E-03	2.62E-05	0.00E+00	5.25E-05	**3.97E-03**
557976.094160510	557976	4160510	HLTN_3	1.48E-02	1.58E-05	1.20E-02	3.04E-05	**2.68E-02**	6.60E-03	2.25E-05	6.13E-03	3.39E-05	**1.28E-02**	3.53E-03	2.17E-05	4.28E-05	3.76E-05	**3.63E-03**	4.07E-03	2.64E-05	0.00E+00	5.29E-05	**4.15E-03**
557976.094160520	557976	4160520	HLTN_4	1.54E-02	1.59E-05	1.24E-02	3.06E-05	**2.79E-02**	6.87E-03	2.26E-05	6.34E-03	3.42E-05	**1.33E-02**	3.67E-03	2.19E-05	4.44E-05	3.79E-05	**3.78E-03**	4.24E-03	2.65E-05	0.00E+00	5.33E-05	**4.32E-03**
557976.094160530	557976	4160530	HLTN_5	1.60E-02	1.60E-05	1.28E-02	3.08E-05	**2.88E-02**	7.10E-03	2.27E-05	6.53E-03	3.44E-05	**1.37E-02**	3.79E-03	2.20E-05	4.57E-05	3.81E-05	**3.90E-03**	4.38E-03	2.67E-05	0.00E+00	5.37E-05	**4.46E-03**
557986.094160480	557986	4160480	HLTN_6	1.41E-02	1.60E-05	1.15E-02	3.07E-05	**2.57E-02**	6.28E-03	2.27E-05	5.91E-03	3.43E-05	**1.23E-02**	3.36E-03	2.20E-05	4.14E-05	3.80E-05	**3.46E-03**	3.87E-03	2.67E-05	0.00E+00	5.35E-05	**3.95E-03**
557986.094160490	557986	4160490	HLTN_7	1.49E-02	1.62E-05	1.21E-02	3.10E-05	**2.71E-02**	6.63E-03	2.30E-05	6.21E-03	3.46E-05	**1.29E-02**	3.54E-03	2.22E-05	4.34E-05	3.84E-05	**3.65E-03**	4.08E-03	2.70E-05	0.00E+00	5.40E-05	**4.16E-03**
557986.094160500	557986	4160500	HLTN_8	1.54E-02	1.63E-05	1.25E-02	3.12E-05	**2.80E-02**	6.88E-03	2.31E-05	6.41E-03	3.49E-05	**1.33E-02**	3.67E-03	2.24E-05	4.49E-05	3.87E-05	**3.78E-03**	4.24E-03	2.72E-05	0.00E+00	5.44E-05	**4.32E-03**
557986.094160510	557986	4160510	HLTN_9	1.60E-02	1.64E-05	1.29E-02	3.14E-05	**2.90E-02**	7.13E-03	2.32E-05	6.62E-03	3.51E-05	**1.38E-02**	3.81E-03	2.25E-05	4.63E-05	3.89E-05	**3.92E-03**	4.39E-03	2.73E-05	0.00E+00	5.48E-05	**4.47E-03**
557986.094160520	557986	4160520	HLTN_10	1.66E-02	1.65E-05	1.34E-02	3.17E-05	**3.00E-02**	7.39E-03	2.34E-05	6.84E-03	3.54E-05	**1.43E-02**	3.95E-03	2.26E-05	4.78E-05	3.92E-05	**4.06E-03**	4.55E-03	2.75E-05	0.00E+00	5.52E-05	**4.64E-03**
557986.094160530	557986	4160530	HLTN_11	1.72E-02	1.66E-05	1.38E-02	3.19E-05	**3.10E-02**	7.65E-03	2.35E-05	7.07E-03	3.56E-05	**1.48E-02**	4.09E-03	2.27E-05	4.95E-05	3.95E-05	**4.20E-03**	4.71E-03	2.76E-05	0.00E+00	5.56E-05	**4.80E-03**
557996.094160480	557996	4160480	HLTN_12	1.53E-02	1.67E-05	1.25E-02	3.19E-05	**2.78E-02**	6.79E-03	2.36E-05	6.40E-03	3.56E-05	**1.33E-02**	3.63E-03	2.29E-05	4.48E-05	3.95E-05	**3.74E-03**	4.19E-03	2.78E-05	0.00E+00	5.56E-05	**4.27E-03**
557996.094160490	557996	4160490	HLTN_13	1.59E-02	1.68E-05	1.30E-02	3.21E-05	**2.89E-02**	7.07E-03	2.38E-05	6.65E-03	3.59E-05	**1.38E-02**	3.78E-03	2.30E-05	4.65E-05	3.98E-05	**3.88E-03**	4.35E-03	2.79E-05	0.00E+00	5.60E-05	**4.44E-03**
557996.094160500	557996	4160500	HLTN_14	1.65E-02	1.69E-05	1.34E-02	3.23E-05	**3.00E-02**	7.35E-03	2.39E-05	6.88E-03	3.61E-05	**1.43E-02**	3.93E-03	2.32E-05	4.81E-05	4.00E-05	**4.04E-03**	4.53E-03	2.81E-05	0.00E+00	5.64E-05	**4.61E-03**
557996.094160510	557996	4160510	HLTN_15	1.72E-02	1.70E-05	1.39E-02	3.25E-05	**3.11E-02**	7.64E-03	2.41E-05	7.13E-03	3.64E-05	**1.48E-02**	4.08E-03	2.33E-05	4.99E-05	4.03E-05	**4.20E-03**	4.71E-03	2.83E-05	0.00E+00	5.68E-05	**4.79E-03**
557996.094160520	557996	4160520	HLTN_16	1.78E-02	1.71E-05	1.44E-02	3.28E-05	**3.23E-02**	7.94E-03	2.42E-05	7.38E-03	3.66E-05	**1.54E-02**	4.25E-03	2.34E-05	5.16E-05	4.06E-05	**4.36E-03**	4.89E-03	2.84E-05	0.00E+00	5.72E-05	**4.98E-03**
557996.094160530	557996	4160530	HLTN_17	1.85E-02	1.71E-05	1.49E-02	3.30E-05	**3.35E-02**	8.25E-03	2.43E-05	7.64E-03	3.69E-05	**1.60E-02**	4.41E-03	2.35E-05	5.34E-05	4.09E-05	**4.53E-03**	5.09E-03	2.86E-05	0.00E+00	5.75E-05	**5.17E-03**
557996.094160540	557996	4160540	HLTN_18	1.93E-02	1.72E-05	1.54E-02	3.31E-05	**3.47E-02**	8.57E-03	2.44E-05	7.88E-03	3.70E-05	**1.65E-02**	4.58E-03	2.36E-05	5.51E-05	4.11E-05	**4.70E-03**	5.28E-03	2.87E-05	0.00E+00	5.78E-05	**5.37E-03**
557996.094160550	557996	4160550	HLTN_19	2.00E-02	1.73E-05	1.59E-02	3.33E-05	**3.59E-02**	8.89E-03	2.45E-05	8.15E-03	3.72E-05	**1.71E-02**	4.75E-03	2.37E-05	5.70E-05	4.13E-05	**4.87E-03**	5.48E-03	2.88E-05	0.00E+00	5.81E-05	**5.57E-03**
557996.094160560	557996	4160560	HLTN_20	2.07E-02	1.73E-05	1.65E-02	3.34E-05	**3.72E-02**	9.21E-03	2.46E-05	8.44E-03	3.74E-05	**1.77E-02**	4.92E-03	2.38E-05	5.91E-05	4.14E-05	**5.05E-03**	5.68E-03	2.89E-05	0.00E+00	5.83E-05	**5.76E-03**
557996.094160570	557996	4160570	HLTN_21	2.14E-02	1.73E-05	1.70E-02	3.35E-05	**3.85E-02**	9.53E-03	2.46E-05	8.72E-03	3.75E-05	**1.83E-02**	5.09E-03	2.38E-05	6.10E-05	4.15E-05	**5.22E-03**	5.87E-03	2.89E-05	0.00E+00	5.85E-05	**5.96E-03**
558006.094160480	558006	4160480	HLTN_22	1.62E-02	1.72E-05	1.33E-02	3.29E-05	**2.96E-02**	7.22E-03	2.44E-05	6.81E-03	3.68E-05	**1.41E-02**	3.86E-03	2.36E-05	4.76E-05	4.08E-05	**3.97E-03**	4.45E-03	2.87E-05	0.00E+00	5.74E-05	**4.53E-03**
558006.094160490	558006	4160490	HLTN_23	1.69E-02	1.73E-05	1.38E-02	3.32E-05	**3.08E-02**	7.53E-03	2.46E-05	7.09E-03	3.71E-05	**1.47E-02**	4.02E-03	2.38E-05	4.96E-05	4.11E-05	**4.14E-03**	4.64E-03	2.89E-05	0.00E+00	5.79E-05	**4.73E-03**
558006.094160500	558006	4160500	HLTN_24	1.77E-02	1.75E-05	1.44E-02	3.34E-05	**3.21E-02**	7.86E-03	2.47E-05	7.37E-03	3.74E-05	**1.53E-02**	4.20E-03	2.40E-05	5.15E-05	4.14E-05	**4.31E-03**	4.84E-03	2.91E-05	0.00E+00	5.83E-05	**4.93E-03**
558006.094160510	558006	4160510	HLTN_25	1.84E-02	1.76E-05	1.49E-02	3.37E-05	**3.34E-02**	8.20E-03	2.49E-05	7.65E-03	3.76E-05	**1.59E-02**	4.38E-03	2.41E-05	5.35E-05	4.17E-05	**4.50E-03**	5.05E-03	2.93E-05	0.00E+00	5.87E-05	**5.14E-03**
558006.094160520	558006	4160520	HLTN_26	1.92E-02	1.77E-05	1.55E-02	3.39E-05	**3.47E-02**	8.55E-03	2.50E-05	7.94E-03	3.79E-05	**1.65E-02**	4.57E-03	2.42E-05	5.55E-05	4.20E-05	**4.69E-03**	5.27E-03	2.94E-05	0.00E+00	5.91E-05	**5.35E-03**
558006.094160530	558006	4160530	HLTN_27	2.00E-02	1.77E-05	1.61E-02	3.42E-05	**3.62E-02**	8.91E-03	2.52E-05	8.24E-03	3.82E-05	**1.72E-02**	4.76E-03	2.44E-05	5.77E-05	4.23E-05	**4.88E-03**	5.49E-03	2.96E-05	0.00E+00	5.96E-05	**5.58E-03**
558006.094160540	558006	4160540	HLTN_28	2.08E-02	1.78E-05	1.67E-02	3.44E-05	**3.76E-02**	9.28E-03	2.53E-05	8.56E-03	3.84E-05	**1.79E-02**	4.96E-03	2.45E-05	5.99E-05	4.26E-05	**5.09E-03**	5.72E-03	2.97E-05	0.00E+00	5.99E-05	**5.81E-03**
558006.094160550	558006	4160550	HLTN_29	2.17E-02	1.79E-05	1.73E-02	3.45E-05	**3.91E-02**	9.66E-03	2.54E-05	8.88E-03	3.86E-05	**1.86E-02**	5.16E-03	2.45E-05	6.21E-05	4.28E-05	**5.29E-03**	5.95E-03	2.98E-05	0.00E+00	6.02E-05	**6.04E-03**
558006.094160560	558006	4160560	HLTN_30	2.26E-02	1.79E-05	1.80E-02	3.47E-05	**4.06E-02**	1.00E-02	2.54E-05	9.22E-03	3.87E-05	**1.93E-02**	5.37E-03	2.46E-05	6.45E-05	4.29E-05	**5.50E-03**	6.19E-03	2.99E-05	0.00E+00	6.05E-05	**6.28E-03**
558006.094160570	558006	4160570	HLTN_31	2.34E-02	1.80E-05	1.87E-02	3.48E-05	**4.22E-02**	1.04E-02	2.55E-05	9.57E-03	3.89E-05	**2.01E-02**	5.57E-03	2.47E-05	6.69E-05	4.31E-05	**5.71E-03**	6.42E-03	2.99E-05	0.00E+00	6.06E-05	**6.51E-03**
558016.094160480	558016	4160480	HLTN_32	1.72E-02	1.78E-05	1.41E-02	3.41E-05	**3.14E-02**	7.67E-03	2.53E-05	7.24E-03	3.81E-05	**1.50E-02**	4.10E-03	2.45E-05	5.06E-05	4.22E-05	**4.21E-03**	4.72E-03	2.97E-05	0.00E+00	5.94E-05	**4.81E-03**
558016.094160490	558016	4160490	HLTN_33	1.80E-02	1.79E-05	1.48E-02	3.43E-05	**3.28E-02**	8.02E-03	2.54E-05	7.56E-03	3.84E-05	**1.56E-02**	4.29E-03	2.46E-05	5.29E-05	4.25E-05	**4.41E-03**	4.94E-03	2.99E-05	0.00E+00	5.99E-05	**5.03E-03**
558016.094160500	558016	4160500	HLTN_34	1.89E-02	1.81E-05	1.54E-02	3.46E-05	**3.43E-02**	8.39E-03	2.56E-05	7.87E-03	3.87E-05	**1.63E-02**	4.49E-03	2.48E-05	5.51E-05	4.29E-05	**4.61E-03**	5.17E-03	3.01E-05	0.00E+00	6.03E-05	**5.26E-03**
558016.094160510	558016	4160510	HLTN_35	1.97E-02	1.82E-05	1.60E-02	3.48E-05	**3.58E-02**	8.79E-03	2.58E-05	8.19E-03	3.90E-05	**1.70E-02**	4.69E-03	2.49E-05	5.73E-05	4.32E-05	**4.82E-03**	5.41E-03	3.03E-05	0.00E+00	6.08E-05	**5.50E-03**
558016.094160520	558016	4160520	HLTN_36	2.07E-02	1.83E-05	1.66E-02	3.51E-05	**3.73E-02**	9.19E-03	2.59E-05	8.52E-03	3.92E-05	**1.78E-02**	4.91E-03	2.51E-05	5.96E-05	4.35E-05	**5.04E-03**	5.66E-03	3.05E-05	0.00E+00	6.12E-05	**5.76E-03**
558016.094160530	558016	4160530	HLTN_37	2.16E-02	1.84E-05	1.74E-02	3.54E-05	**3.90E-02**	9.61E-03	2.61E-05	8.90E-03	3.96E-05	**1.86E-02**	5.14E-03	2.52E-05	6.23E-05	4.38E-05	**5.27E-03**	5.92E-03	3.06E-05	0.00E+00	6.17E-05	**6.02E-03**
558016.094160540	558016	4160540	HLTN_38	2.26E-02	1.85E-05	1.81E-02	3.56E-05	**4.08E-02**	1.00E-02	2.62E-05	9.28E-03	3.98E-05	**1.94E-02**	5.37E-03	2.54E-05	6.50E-05	4.41E-05	**5.50E-03**	6.19E-03	3.08E-05	0.00E+00	6.22E-05	**6.28E-03**
558016.094160550	558016	4160550	HLTN_39	2.36E-02	1.85E-05	1.89E-02	3.58E-05	**4.25E-02**	1.05E-02	2.63E-05	9.66E-03	4.00E-05	**2.02E-02**	5.61E-03	2.54E-05	6.76E-05	4.44E-05	**5.75E-03**	6.47E-03	3.09E-05	0.00E+00	6.25E-05	**6.57E-03**
558016.094160560	558016	4160560	HLTN_40	2.46E-02	1.86E-05	1.97E-02	3.60E-05	**4.44E-02**	1.10E-02	2.64E-05	1.01E-02	4.02E-05	**2.11E-02**	5.86E-03	2.55E-05	7.05E-05	4.45E-05	**6.00E-03**	6.76E-03	3.10E-05	0.00E+00	6.27E-05	**6.85E-03**
558016.094160570	558016	4160570	HLTN_41	2.57E-02	1.86E-05	2.05E-02	3.61E-05	**4.62E-02**	1.14E-02	2.64E-05	1.05E-02	4.03E-05	**2.20E-02**	6.11E-03	2.56E-05	7.35E-05	4.47E-05	**6.25E-03**	7.04E-03	3.10E-05	0.00E+00	6.29E-05	**7.14E-03**
558026.094160480	558026	4160480	HLTN_42	1.83E-02	1.85E-05	1.50E-02	3.53E-05	**3.33E-02**	8.13E-03	2.62E-05	7.68E-03	3.94E-05	**1.59E-02**	4.35E-03	2.53E-05	5.37E-05	4.37E-05	**4.47E-03**	5.01E-03	3.08E-05	0.00E+00	6.15E-05	**5.10E-03**
558026.094160490	558026	4160490	HLTN_43	1.92E-02	1.86E-05	1.57E-02	3.56E-05	**3.49E-02**	8.54E-03	2.64E-05	8.04E-03	3.98E-05	**1.66E-02**	4.56E-03	2.55E-05	5.62E-05	4.41E-05	**4.69E-03**	5.26E-03	3.10E-05	0.00E+00	6.20E-05	**5.35E-03**
558026.094160500	558026	4160500	HLTN_44	2.01E-02	1.87E-05	1.64E-02	3.58E-05	**3.66E-02**	8.96E-03	2.65E-05	8.39E-03	4.00E-05	**1.74E-02**	4.79E-03	2.57E-05	5.87E-05	4.44E-05	**4.92E-03**	5.52E-03	3.12E-05	0.00E+00	6.24E-05	**5.62E-03**
558026.094160510	558026	4160510	HLTN_45	2.11E-02	1.88E-05	1.71E-02	3.60E-05	**3.82E-02**	9.39E-03	2.67E-05	8.75E-03	4.03E-05	**1.82E-02**	5.02E-03	2.58E-05	6.12E-05	4.46E-05	**5.15E-03**	5.78E-03	3.13E-05	0.00E+00	6.28E-05	**5.88E-03**
558026.094160520	558026	4160520	HLTN_46	2.22E-02	1.89E-05	1.79E-02	3.63E-05	**4.01E-02**	9.88E-03	2.68E-05	9.16E-03	4.06E-05	**1.91E-02**	5.28E-03	2.60E-05	6.41E-05	4.50E-05	**5.41E-03**	6.09E-03	3.15E-05	0.00E+00	6.34E-05	**6.18E-03**
558026.094160530	558026	4160530	HLTN_47	2.33E-02	1.91E-05	1.87E-02	3.67E-05	**4.21E-02**	1.04E-02	2.70E-05	9.60E-03	4.10E-05	**2.00E-02**	5.54E-03	2.62E-05	6.72E-05	4.55E-05	**5.68E-03**	6.39E-03	3.18E-05	0.00E+00	6.40E-05	**6.49E-03**
558026.094160540	558026	4160540	HLTN_48	2.44E-02	1.92E-05	1.97E-02	3.70E-05	**4.42E-02**	1.09E-02	2.72E-05	1.01E-02	4.13E-05	**2.10E-02**	5.81E-03	2.63E-05	7.04E-05	4.58E-05	**5.96E-03**	6.71E-03	3.19E-05	0.00E+00	6.45E-05	**6.80E-03**
558026.094160550	558026	4160550	HLTN_49	2.57E-02	1.92E-05	2.06E-02	3.72E-05	**4.63E-02**	1.14E-02	2.73E-05	1.05E-02	4.16E-05	**2.20E-02**	6.10E-03	2.64E-05	7.37E-05	4.61E-05	**6.25E-03**	7.04E-03	3.21E-05	0.00E+00	6.49E-05	**7.14E-03**
558026.094160560	558026	4160560	HLTN_50	2.69E-02	1.93E-05	2.15E-02	3.73E-05	**4.85E-02**	1.20E-02	2.74E-05	1.10E-02	4.17E-05	**2.31E-02**	6.40E-03	2.65E-05	7.72E-05	4.63E-05	**6.55E-03**	7.38E-03	3.22E-05	0.00E+00	6.51E-05	**7.48E-03**
558026.094160570	558026	4160570	HLTN_51	2.82E-02	1.93E-05	2.26E-02	3.74E-05	**5.08E-02**	1.25E-02	2.74E-05	1.16E-02	4.19E-05	**2.42E-02**	6.70E-03	2.65E-05	8.09E-05	4.64E-05	**6.86E-03**	7.73E-03	3.22E-05	0.00E+00	6.53E-05	**7.83E-03**
558036.094160480	558036	4160480	HLTN_52	1.93E-02	1.91E-05	1.58E-02	3.65E-05	**3.52E-02**	8.59E-03	2.71E-05	8.11E-03	4.08E-05	**1.68E-02**	4.59E-03	2.62E-05	5.67E-05	4.52E-05	**4.72E-03**	5.29E-03	3.18E-05	0.00E+00	6.36E-05	**5.39E-03**
558036.094160490	558036	4160490	HLTN_53	2.04E-02	1.92E-05	1.66E-02	3.68E-05	**3.71E-02**	9.07E-03	2.73E-05	8.53E-03	4.11E-05	**1.77E-02**	4.85E-03	2.64E-05	5.97E-05	4.56E-05	**4.98E-03**	5.59E-03	3.21E-05	0.00E+00	6.41E-05	**5.68E-03**
558036.094160500	558036	4160500	HLTN_54	2.13E-02	1.93E-05	1.74E-02	3.70E-05	**3.87E-02**	9.49E-03	2.74E-05	8.89E-03	4.14E-05	**1.84E-02**	5.07E-03	2.66E-05	6.22E-05	4.59E-05	**5.20E-03**	5.84E-03	3.22E-05	0.00E+00	6.46E-05	**5.94E-03**
558036.094160510	558036	4160510	HLTN_55	2.21E-02	1.94E-05	1.80E-02	3.72E-05	**4.02E-02**	9.85E-03	2.75E-05	9.20E-03	4.16E-05	**1.91E-02**	5.26E-03	2.67E-05	6.44E-05	4.61E-05	**5.40E-03**	6.07E-03	3.24E-05	0.00E+00	6.49E-05	**6.17E-

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				AG	AH	AL	AJ	E	G	F	H	AG	AH	AL	AJ	E	G	F	H	AG	AH	AL	AJ	E	G	F	H
				Year 1 Project Concentrations (μg/m^3)								Year 2 Project Concentrations (μg/m^3)								Year 3 Project Concentrations (μg/m^3)								Year 4 Project Concentrations (μg/m^3)							
XY	X	Y	Type	OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL				OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL				OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL				OFFROAD	ONROAD	OFFROAD_DST	ONROAD_W	TOTAL			
558036.094160550	558036	4160550	HLTN_59	2.79E-02	2.00E-05	2.24E-02	3.86E-05	**5.04E-02**				1.24E-02	2.83E-05	1.15E-02	4.32E-05	**2.40E-02**				6.64E-03	2.74E-05	8.02E-05	4.79E-05	**6.79E-03**				7.65E-03	3.33E-05	0.00E+00	6.74E-05	**7.75E-03**			
558036.094160560	558036	4160560	HLTN_60	2.94E-02	2.00E-05	2.36E-02	3.88E-05	**5.30E-02**				1.31E-02	2.84E-05	1.21E-02	4.34E-05	**2.52E-02**				6.99E-03	2.75E-05	8.45E-05	4.81E-05	**7.15E-03**				8.06E-03	3.34E-05	0.00E+00	6.77E-05	**8.16E-03**			
558046.094160480	558046	4160480	HLTN_61	1.99E-02	1.97E-05	1.64E-02	3.76E-05	**3.64E-02**				8.87E-03	2.79E-05	8.39E-03	4.20E-05	**1.73E-02**				4.74E-03	2.70E-05	5.87E-05	4.66E-05	**4.87E-03**				5.47E-03	3.28E-05	0.00E+00	6.56E-05	**5.57E-03**			
558046.094160490	558046	4160490	HLTN_62	2.11E-02	1.98E-05	1.73E-02	3.79E-05	**3.84E-02**				9.38E-03	2.81E-05	8.84E-03	4.24E-05	**1.83E-02**				5.01E-03	2.72E-05	6.18E-05	4.70E-05	**5.15E-03**				5.78E-03	3.31E-05	0.00E+00	6.61E-05	**5.88E-03**			
558046.094160500	558046	4160500	HLTN_63	2.21E-02	1.99E-05	1.81E-02	3.82E-05	**4.03E-02**				9.86E-03	2.83E-05	9.27E-03	4.27E-05	**1.92E-02**				5.27E-03	2.74E-05	6.48E-05	4.73E-05	**5.41E-03**				6.07E-03	3.32E-05	0.00E+00	6.66E-05	**6.17E-03**			
558046.094160510	558046	4160510	HLTN_64	2.33E-02	2.01E-05	1.90E-02	3.84E-05	**4.23E-02**				1.04E-02	2.84E-05	9.72E-03	4.30E-05	**2.02E-02**				5.54E-03	2.75E-05	6.80E-05	4.76E-05	**5.69E-03**				6.39E-03	3.34E-05	0.00E+00	6.71E-05	**6.49E-03**			
558046.094160520	558046	4160520	HLTN_65	2.50E-02	2.03E-05	2.03E-02	3.90E-05	**4.54E-02**				1.11E-02	2.88E-05	1.04E-02	4.36E-05	**2.16E-02**				5.95E-03	2.79E-05	7.26E-05	4.83E-05	**6.10E-03**				6.86E-03	3.38E-05	0.00E+00	6.80E-05	**6.97E-03**			
558046.094160530	558046	4160530	HLTN_66	2.70E-02	2.05E-05	2.18E-02	3.95E-05	**4.89E-02**				1.20E-02	2.91E-05	1.11E-02	4.42E-05	**2.33E-02**				6.43E-03	2.82E-05	7.80E-05	4.90E-05	**6.59E-03**				7.42E-03	3.42E-05	0.00E+00	6.90E-05	**7.52E-03**			
558046.094160540	558046	4160540	HLTN_67	2.86E-02	2.07E-05	2.30E-02	3.99E-05	**5.17E-02**				1.27E-02	2.93E-05	1.18E-02	4.46E-05	**2.46E-02**				6.81E-03	2.84E-05	8.26E-05	4.94E-05	**6.97E-03**				7.85E-03	3.44E-05	0.00E+00	6.96E-05	**7.95E-03**			
558046.094160550	558046	4160550	HLTN_68	3.03E-02	2.08E-05	2.44E-02	4.02E-05	**5.48E-02**				1.35E-02	2.94E-05	1.25E-02	4.49E-05	**2.61E-02**				7.21E-03	2.85E-05	8.74E-05	4.98E-05	**7.37E-03**				8.31E-03	3.46E-05	0.00E+00	7.01E-05	**8.42E-03**			
558056.094160480	558056	4160480	HLTN_69	2.09E-02	2.04E-05	1.72E-02	3.90E-05	**3.82E-02**				9.31E-03	2.89E-05	8.81E-03	4.35E-05	**1.82E-02**				4.97E-03	2.80E-05	6.17E-05	4.83E-05	**5.11E-03**				5.73E-03	3.40E-05	0.00E+00	6.79E-05	**5.84E-03**			
558056.094160490	558056	4160490	HLTN_70	2.21E-02	2.05E-05	1.81E-02	3.92E-05	**4.02E-02**				9.82E-03	2.91E-05	9.28E-03	4.38E-05	**1.92E-02**				5.25E-03	2.82E-05	6.49E-05	4.86E-05	**5.39E-03**				6.05E-03	3.42E-05	0.00E+00	6.84E-05	**6.15E-03**			
558056.094160500	558056	4160500	HLTN_71	2.32E-02	2.06E-05	1.90E-02	3.94E-05	**4.23E-02**				1.03E-02	2.92E-05	9.74E-03	4.41E-05	**2.02E-02**				5.52E-03	2.83E-05	6.82E-05	4.89E-05	**5.67E-03**				6.37E-03	3.44E-05	0.00E+00	6.88E-05	**6.47E-03**			
558056.094160510	558056	4160510	HLTN_72	2.47E-02	2.08E-05	2.01E-02	3.98E-05	**4.48E-02**				1.10E-02	2.95E-05	1.03E-02	4.45E-05	**2.13E-02**				5.86E-03	2.85E-05	7.21E-05	4.93E-05	**6.01E-03**				6.76E-03	3.46E-05	0.00E+00	6.95E-05	**6.86E-03**			
558056.094160520	558056	4160520	HLTN_73	2.68E-02	2.11E-05	2.18E-02	4.06E-05	**4.86E-02**				1.19E-02	2.99E-05	1.11E-02	4.54E-05	**2.32E-02**				6.38E-03	2.90E-05	7.80E-05	5.03E-05	**6.54E-03**				7.36E-03	3.52E-05	0.00E+00	7.08E-05	**7.46E-03**			
558056.094160530	558056	4160530	HLTN_74	2.91E-02	2.14E-05	2.34E-02	4.11E-05	**5.26E-02**				1.29E-02	3.03E-05	1.20E-02	4.60E-05	**2.50E-02**				6.91E-03	2.93E-05	8.40E-05	5.10E-05	**7.08E-03**				7.97E-03	3.56E-05	0.00E+00	7.18E-05	**8.08E-03**			
558056.094160540	558056	4160540	HLTN_75	3.09E-02	2.15E-05	2.49E-02	4.15E-05	**5.59E-02**				1.37E-02	3.05E-05	1.28E-02	4.64E-05	**2.66E-02**				7.34E-03	2.95E-05	8.94E-05	5.14E-05	**7.51E-03**				8.47E-03	3.58E-05	0.00E+00	7.24E-05	**8.58E-03**			
558066.094160480	558066	4160480	HLTN_76	2.27E-02	2.14E-05	1.86E-02	4.09E-05	**4.14E-02**				1.01E-02	3.03E-05	9.54E-03	4.57E-05	**1.97E-02**				5.39E-03	2.94E-05	6.67E-05	5.07E-05	**5.54E-03**				6.22E-03	3.57E-05	0.00E+00	7.13E-05	**6.32E-03**			
558066.094160490	558066	4160490	HLTN_77	2.40E-02	2.15E-05	1.96E-02	4.11E-05	**4.37E-02**				1.07E-02	3.05E-05	1.01E-02	4.60E-05	**2.08E-02**				5.70E-03	2.95E-05	7.04E-05	5.10E-05	**5.85E-03**				6.57E-03	3.59E-05	0.00E+00	7.18E-05	**6.68E-03**			
558066.094160500	558066	4160500	HLTN_78	2.48E-02	2.15E-05	2.03E-02	4.12E-05	**4.51E-02**				1.10E-02	3.05E-05	1.04E-02	4.60E-05	**2.15E-02**				5.89E-03	2.95E-05	7.27E-05	5.10E-05	**6.05E-03**				6.80E-03	3.58E-05	0.00E+00	7.18E-05	**6.90E-03**			
558066.094160510	558066	4160510	HLTN_79	2.69E-02	2.18E-05	2.19E-02	4.18E-05	**4.88E-02**				1.20E-02	3.09E-05	1.12E-02	4.67E-05	**2.33E-02**				6.39E-03	2.99E-05	7.85E-05	5.18E-05	**6.55E-03**				7.37E-03	3.64E-05	0.00E+00	7.29E-05	**7.48E-03**			
558066.094160520	558066	4160520	HLTN_80	2.92E-02	2.21E-05	2.37E-02	4.24E-05	**5.29E-02**				1.30E-02	3.13E-05	1.21E-02	4.74E-05	**2.52E-02**				6.93E-03	3.03E-05	8.48E-05	5.26E-05	**7.10E-03**				8.00E-03	3.68E-05	0.00E+00	7.40E-05	**8.11E-03**			
558066.094160530	558066	4160530	HLTN_81	3.11E-02	2.22E-05	2.53E-02	4.29E-05	**5.64E-02**				1.38E-02	3.15E-05	1.29E-02	4.79E-05	**2.69E-02**				7.40E-03	3.05E-05	9.05E-05	5.31E-05	**7.57E-03**				8.53E-03	3.70E-05	0.00E+00	7.48E-05	**8.64E-03**			
558076.094160480	558076	4160480	HLTN_82	2.38E-02	2.23E-05	1.95E-02	4.26E-05	**4.33E-02**				1.06E-02	3.16E-05	1.00E-02	4.76E-05	**2.07E-02**				5.65E-03	3.06E-05	6.99E-05	5.28E-05	**5.80E-03**				6.52E-03	3.71E-05	0.00E+00	7.43E-05	**6.63E-03**			
558076.094160490	558076	4160490	HLTN_83	2.53E-02	2.24E-05	2.08E-02	4.29E-05	**4.62E-02**				1.13E-02	3.18E-05	1.06E-02	4.79E-05	**2.20E-02**				6.03E-03	3.08E-05	7.44E-05	5.31E-05	**6.19E-03**				6.95E-03	3.74E-05	0.00E+00	7.48E-05	**7.06E-03**			
558076.094160500	558076	4160500	HLTN_84	2.62E-02	2.24E-05	2.14E-02	4.29E-05	**4.77E-02**				1.17E-02	3.17E-05	1.10E-02	4.79E-05	**2.27E-02**				6.23E-03	3.07E-05	7.68E-05	5.31E-05	**6.39E-03**				7.18E-03	3.73E-05	0.00E+00	7.47E-05	**7.29E-03**			
558076.094160510	558076	4160510	HLTN_85	2.89E-02	2.28E-05	2.36E-02	4.37E-05	**5.25E-02**				1.29E-02	3.23E-05	1.21E-02	4.88E-05	**2.50E-02**				6.88E-03	3.13E-05	8.44E-05	5.41E-05	**7.05E-03**				7.93E-03	3.80E-05	0.00E+00	7.62E-05	**8.05E-03**			
558076.094160520	558076	4160520	HLTN_86	3.10E-02	2.30E-05	2.53E-02	4.43E-05	**5.63E-02**				1.38E-02	3.26E-05	1.29E-02	4.95E-05	**2.68E-02**				7.37E-03	3.16E-05	9.05E-05	5.48E-05	**7.54E-03**				8.50E-03	3.83E-05	0.00E+00	7.72E-05	**8.61E-03**			
558086.094160490	558086	4160490	HLTN_87	2.63E-02	2.33E-05	2.15E-02	4.46E-05	**4.79E-02**				1.17E-02	3.31E-05	1.10E-02	4.99E-05	**2.28E-02**				6.26E-03	3.20E-05	7.72E-05	5.53E-05	**6.42E-03**				7.22E-03	3.89E-05	0.00E+00	7.78E-05	**7.34E-03**			
558086.094160500	558086	4160500	HLTN_88	2.78E-02	2.34E-05	2.28E-02	4.49E-05	**5.07E-02**				1.24E-02	3.32E-05	1.17E-02	5.02E-05	**2.41E-02**				6.62E-03	3.22E-05	8.15E-05	5.56E-05	**6.79E-03**				7.64E-03	3.91E-05	0.00E+00	7.83E-05	**7.75E-03**			
558086.094160510	558086	4160510	HLTN_89	3.06E-02	2.38E-05	2.49E-02	4.56E-05	**5.55E-02**				1.36E-02	3.37E-05	1.27E-02	5.10E-05	**2.64E-02**				7.27E-03	3.26E-05	8.91E-05	5.65E-05	**7.45E-03**				8.38E-03	3.96E-05	0.00E+00	7.95E-05	**8.50E-03**			
558096.094160490	558096	4160490	HLTN_90	2.73E-02	2.43E-05	2.24E-02	4.65E-05	**4.98E-02**				1.22E-02	3.44E-05	1.15E-02	5.20E-05	**2.37E-02**				6.50E-03	3.33E-05	8.01E-05	5.76E-05	**6.67E-03**				7.50E-03	4.05E-05	0.00E+00	8.11E-05	**7.62E-03**			
558096.094160500	558096	4160500	HLTN_91	2.98E-02	2.46E-05	2.43E-02	4.71E-05	**5.42E-02**				1.33E-02	3.49E-05	1.24E-02	5.26E-05	**2.58E-02**				7.10E-03	3.37E-05	8.71E-05	5.84E-05	**7.28E-03**				8.18E-03	4.10E-05	0.00E+00	8.21E-05	**8.31E-03**			
558186.784160496	558187	4160496	WRKR_95	3.46E-02	3.79E-05	2.80E-02	7.30E-05	**6.27E-02**				1.54E-02	5.38E-05	1.44E-02	8.16E-05	**2.99E-02**				8.23E-03	5.21E-05	1.00E-04	9.05E-05	**8.47E-03**				9.49E-03	6.32E-05	0.00E+00	1.27E-04	**9.68E-03**			
558186.784160506	558187	4160506	WRKR_96	3.80E-02	3.82E-05	3.09E-02	7.35E-05	**6.90E-02**				1.69E-02	5.41E-05	1.58E-02	8.21E-05	**3.29E-02**				9.04E-03	5.24E-05	1.11E-04	9.10E-05	**9.29E-03**				1.04E-02	6.36E-05	0.00E+00	1.28E-04	**1.06E-02**			
558196.784160496	558197	4160496	WRKR_97	3.46E-02	4.03E-05	2.79E-02	7.77E-05	**6.27E-02**				1.54E-02	5.72E-05	1.43E-02	8.68E-05	**2.99E-02**				8.24E-03	5.53E-05	1.00E-04	9.62E-05	**8.49E-03**				9.50E-03	6.72E-05	0.00E+00	1.35E-04	**9.70E-03**			
558196.784160506	558197	4160506	WRKR_98	3.79E-02	4.06E-05	3.07E-02	7.82E-05	**6.88E-02**				1.69E-02	5.76E-05	1.57E-02	8.75E-05	**3.28E-02**				9.02E-03	5.57E-05	1.10E-04	9.69E-05	**9.28E-03**				1.04E-02	6.77E-05	0.00E+00	1.36E-04	**1.06E-02**			
558196.784160516	558197	4160516	WRKR_99	4.21E-02	4.09E-05	3.42E-02	7.89E-05	**7.65E-02**				1.87E-02	5.81E-05	1.75E-02	8.82E-05	**3.64E-02**				1.00E-02	5.62E-05	1.23E-04	9.77E-05	**1.03E-02**				1.15E-02	6.82E-05	0.00E+00	1.38E-04	**1.18E-02**			
558196.784160526	558197	4160526	WRKR_100	4.78E-02	4.16E-05	3.90E-02	8.01E-05	**8.69E-02**				2.13E-02	5.89E-05	2.00E-02	8.95E-05	**4.14E-02**				1.14E-02	5.71E-05	1.40E-04	9.92E-05	**1.17E-02**				1.31E-02	6.93E-05	0.00E+00	1.40E-04	**1.33E-02**			
558206.784160506	558207	4160506	WRKR_101	3.78E-02	4.34E-05	3.05E-02	8.36E-05	**6.84E-02**				1.68E-02	6.15E-05	1.56E-02	9.35E-05	**3.26E-02**				9.00E-03	5.95E-05	1.09E-04	1.04E-04	**9.27E-03**				1.04E-02	7.23E-05	0.00E+00	1.46E-04	**1.06E-02**			
558206.784160516	558207	4160516	WRKR_102	4.22E-02	4.39E-05	3.41E-02	8.47E-05	**7.63E-02**				1.88E-02	6.23E-05	1.74E-02	9.46E-05	**3.64E-02**				1.00E-02	6.03E-05	1.22E-04	1.05E-04	**1.03E-02**				1.16E-02	7.32E-05	0.00E+00	1.48E-04	**1.18E-02**			
558206.784160526	558207	4160526	WRKR_103	4.73E-02	4.44E-05	3.84E-02	8.55E-05	**8.58E-02**				2.10E-02	6.29E-05	1.97E-02	9.56E-05	**4.09E-02**				1.12E-02	6.09E-05	1.38E-04	1.06E-04	**1.15E-02**				1.30E-02	7.40E-05	0.00E+00	1.49E-04	**1.32E-02**			
558206.784160536	558207	4160536	WRKR_104	5.40E-02	4.51E-05	4.43E-02	8.68E-05	**9.85E-02**				2.41E-02	6.39E-05	2.27E-02	9.70E-05	**4.69E-02**				1.29E-02	6.18E-05	1.59E-04	1.08E-04	**1.32E-02**				1.48E-02	7.51E-05	0.00E+00	1.51E-04	**1.50E-02**			
558216.784160516	558217	4160516	WRKR_105	4.18E-02	4.70E-05	3.36E-02	9.06E-05	**7.55E-02**				1.86E-02	6.66E-05	1.72E-02	1.01E-04	**3.60E-02**				9.95E-03	6.45E-05	1.20E-04	1.12E-04	**1.02E-02**				1.15E-02	7.83E-05	0.00E+00	1.58E-04	**1.17E-02**			
558216.784160526	558217	4160526	WRKR_106	4.68E-02	4.76E-05	3.78E-02	9.18E-05	**8.47E-02**				2.08E-02	6.75E-05	1.93E-02	1.03E-04	**4.03E-02**				1.11E-02	6.54E-05	1.35E-04	1.14E-04	**1.14E-02**				1.28E-02	7.94E-05	0.00E+00	1.60E-04	**1.31E-02**			
558216.784160536	558217	4160536	WRKR_107	5.29E-02	4.82E-05	4.31E-02	9.29E-05	**9.61E-02**				2.35E-02	6.84E-05	2.21E-02	1.04E-04	**4.58E-02**				1.26E-02	6.62E-05	1.54E-04	1.15E-04	**1.29E-02**				1.45E-02	8.04E-05	0.00E+00	1.62E-04	**1.48E-02**			
558216.784160546	558217	4160546	WRKR_108	6.07E-02	4.88E-05	5.00E-02	9.40E-05	**1.11E-01**				2.70E-02	6.92E-05	2.56E-02	1.05E-04	**5.28E-02**				1.44E-02	6.70E-05	1.79E-04	1.16E-04	**1.48E-02**				1.66E-02	8.14E-05	0.00E+00	1.64E-04	**1.69E-02**			
558226.784160526	558227	4160526	WRKR_109	4.61E-02	5.11E-05	3.70E-02	9.85E-05	**8.33E-02**				2.05E-02	7.24E-05	1.89E-02	1.10E-04	**3.97E-02**				1.10E-02	7.01E-05	1.32E-04	1.22E-04	**1.13E-02**				1.27E-02	8.51E-05	0.00E+00	1.72E-04	**1.29E-02**			
558226.784160536	558227	4160536	WRKR_110	5.23E-02	5.19E-05	4.22E-02	1.00E-04	**9.46E-02**				2.33E-02	7.36E-05	2.16E-02	1.12E-04	**4.51E-02**				1.24E-02	7.12E-05	1.51E-04	1.24E-04	**1.28E-02**				1.43E-02	8.65E-05	0.00E+00	1.74E-04	**1.46E-02**			
558226.784160546	558227	4160546	WRKR_111	6.00E-02	5.27E-05	4.89E-02	1.02E-04	**1.09E-01**				2.67E-02	7.47E-05	2.50E-02	1.14E-04	**5.19E-02**				1.43E-02	7.24E-05	1.75E-04	1.26E-04	**1.46E-02**				1.64E-02	8.78E-05	0.00E+00	1.77E-04	**1.67E-02**			
558236.784160536	558237	4160536	WRKR_112	5.09E-02	5.59E-05	4.09E-02	1.08E-04	**9.20E-02**				2.27E-02	7.93E-05	2.09E-02	1.21E-04	**4.38E-02**				1.21E-02	7.67E-05	1.47E-04	1.34E-04	**1.25E-02**				1.40E-02	9.32E-05	0.00E+00	1.88E-04	**1.42E-02**			
558115.174160402	558115	4160403	WRKR_113	1.60E-02	2.43E-05	1.33E-02	4.69E-05	**2.94E-02**				7.12E-03	3.45E-05	6.80E-03	5.25E-05	**1.40E-02**				3.81E-03	3.34E-05	4.76E-05	5.81E-05	**3.95E-03**				4.39E-03	4.06E-05	0.00E+00	8.18E-05	**4.51E-03**			
558115.174160412	558115	4160413	WRKR_114	1.71E-02	2.46E-05	1.41E-02	4.74E-05	**3.13E-02**				7.60E-03	3.49E-05	7.25E-03	5.30E-05	**1.49E-02**				4.06E-03	3.38E-05	5.07E-05	5.87E-05	**4.21E-03**				4.69E-03	4.10E-05	0.00E+00	8.27E-05	**4.81E-03**			
558115.174160422	558115	4160423	WRKR_115	1.83E-02	2.49E-05	1.51E-02	4.78E-05	**3.34E-02**				8.13E-03	3.52E-05	7.72E-03	5.34E-05	**1.59E-02**				4.34E-03	3.41E-05	5.40E-05	5.92E-05	**4.49E-03**				5.01E-03	4.14E-05	0.00E+00	8.34E-05	**5.13E-03**			
558115.174160432	558115	4160433	WRKR_116	1.95E-02	2.51E-05	1.61E-02	4.83E-05	**3.58E-02**				8.70E-03	3.56E-05	8.26E-03	5.40E-05	**1.71E-02**				4.65E-03	3.45E-05	5.78E-05	5.98E-05	**4.80E-03**				5.36E-03	4.19E-05	0.00E+00	8.42E-05	**5.49E-03**			
558115.174160442	558115	4160443	WRKR_117	2.10E-02	2.54E-05	1.73E-02	4.87E-05	**3.83E-02**				9.33E-03	3.60E-05	8.85E-03	5.45E-05	**1.83E-02**				4.98E-03	3.48E-05	6.19E-05	6.04E-05	**5.14E-03**				5.75E-03	4.23E-05	0.00E+00	8.50E-05	**5.87E-03**			
558125.174160392	558125	4160393	WRKR_118	1.52E-02	2.51E-05	1.25E-02	4.84E-05	**2.78E-02**				6.74E-03	3.56E-05	6.42E-03	5.41E-05	**1.33E-02**				3.60E-03	3.44E-05	4.49E-05	5.99E-05	**3.74E-03**				4.16E-03	4.18E-05	0.00E+00	8.44E-05	**4.28E-03**			
558125.174160402	558125	4160403	WRKR_119	1.62E-02	2.54E-05	1.34E-02	4.89E-05	**2.96E-02**				7.20E-03	3.60E-05	6.85E-03	5.47E-05	**1.41E-02**				3.85E-03	3.48E-05	4.79E-05	6.06E-05	**3.99E-03**				4.44E-03	4.23E-05	0.00E+00	8.53E-05	**4.56E-03**			
558125.174160412	558125	4160413	WRKR_120	1.73E-02	2.56E-05	1.42E-02	4.94E-05	**3.16E-02**				7.70E-03	3.64E-05	7.30E-03	5.52E-05	**1.51E-02**				4.11E-03	3.52E-05	5.10E-05	6.11E-05	**4.26E-03**				4.74E-03	4.27E-05	0.00E+00	8.61E-05	**4.87E-03**			
558125.174160422	558125	4160423	WRKR_121	1.85E-02	2.59E-05	1.52E-02	4.99E-05	**3.38E-02**				8.24E-03	3.68E-05	7.80E-03	5.57E-05	**1.61E-02**				4.40E-03	3.56E-05	5.46E-05	6.18E-05	**4.56E-03**				5.08E-03	4.32E-05	0.00E+00	8.69E-05	**5.21E-03**			
558125.174160432	558125	4160433	WRKR_122	1.99E-02	2.62E-05	1.63E-02	5.03E-05	**3.63E-02**				8.84E-03	3.72E-05	8.36E-03	5.63E-05	**1.73E-02**				4.72E-03	3.60E-05	5.85E-05	6.24E-05	**4.88E-03**				5.45E-03	4.37E-05	0.00E+00	8.78E-05	**5.58E-03**			
558125.174160442	558125	4160443	WRKR_123	2.13E-02	2.65E-05	1.75E-02	5.09E-05	**3.90E-02**				9.50E-03	3.76E-05	8.98E-03	5.69E-05	**1.86E-02**				5.08E-03	3.64E-05	6.28E-05	6.30E-05	**5.24E-03**				5.85E-03	4.42E-05	0.00E+00	8.87E-05	**5.99E-03**			
558135.174160372	558135	4160373	WRKR_124	1.34E-02	2.55E-05	1.10E-02	4.92E-05	**2.45E-02**				5.97E-03	3.61E-05	5.66E-03	5.50E-05	**1.17E-02**				3.19E-03	3.50E-05	3.96E-05	6.10E-05	**3.32E-03**				3.68E-03	4.25E-05	0.00E+00	8.58E-05	**3.80E-03**			
558135.174160382	558135	4160383	WRKR_125	1.43E-02	2.58E-05	1.18E-02	4.98E-05	**2.61E-02**				6.35E-03	3.66E-05	6.04E-03	5.57E-05	**1.25E-02**				3.40E-03	3.54E-05	4.22E-05	6.17E-05	**3.53E-03**				3.91E-03	4.30E-05	0.00E+00	8.69E-05	**4.04E-03**			
558135.174160392	558135	4160393	WRKR_126	1.52E-02	2.61E-05	1.26E-02	5.04E-05	**2.79E-02**				6.78E-03	3.71E-05	6.43E-03	5.64E-05	**1.33E-02**				3.62E-03	3.59E-05	4.50E-05	6.25E-05	**3.77E-03**				4.18E-03	4.36E-05	0.00E+00	8.80E-05	**4.31E-03**			
558135.174160402	558135	4160403	WRKR_127	1.63E-02	2.64E-05	1.34E-02	5.09E-05	**2.98E-02**				7.25E-03	3.75E-05	6.86E-03	5.69E-05	**1.42E-02**				3.87E-03	3.63E-05	4.80E-05	6.31E-05	**4.02E-03**				4.47E-03	4.41E-05	0.00E+00	8.88E-05	**4.60E-03**			
558135.174160412	558135	4160413	WRKR_128	1.74E-02	2.68E-05	1.43E-02	5.15E-05	**3.18E-02**				7.76E-03	3.79E-05	7.33E-03	5.76E-05	**1.52E-02**				4.15E-03	3.67E-05	5.13E-05	6.38E-05	**4.30E-03**				4.78E-03	4.46E-05	0.00E+00	8.98E-05	**4.92E-03**			
558135.174160422	558135	4160423	WRKR_129	1.87E-02	2.71E-05	1.53E-02	5.21E-05	**3.41E-02**				8.33E-03	3.84E-05	7.86E-03	5.82E-05	**1.63E-02**				4.45E-03	3.71E-05	5.50E-05	6.45E-05	**4.61E-03**				5.13E-03	4.51E-05	0.00E+00	9.08E-05	**5.27E-03**			
558135.174160432	558135	4160433	WRKR_130	2.01E-02	2.74E-05	1.65E-02	5.26E-05	**3.66E-02**				8.95E-03	3.88E-05	8.44E-03	5.88E-05	**1.75E-02**				4.78E-03	3.76E-05	5.90E-05	6.52E-05	**4.94E-03**				5.51E-03	4.56E-05	0.00E+00	9.17E-05	**5.65E-03**			
558135.174160442	558135	4160443	WRKR_131	2.16E-02	2.77E-05	1.77E-02	5.32E-05	**3.95E-02**				9.63E-03	3.93E-05	9.08E-03	5.95E-05	**1.88E-02**				5.15E-03	3.80E-05	6.36E-05	6.59E-05	**5.31E-03**				5.93E-03	4.62E-05	0.00E

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				AG	AH	AL	AJ	E	G	F	H	AG	AH	AL	AJ	E	G	F	H	AG	AH	AL	AJ	E	G	F	H
				Year 1 Project Concentrations (μg/m³)								**Year 2 Project Concentrations (μg/m³)**								**Year 3 Project Concentrations (μg/m³)**								**Year 4 Project Concentrations (μg/m³)**							
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**				**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**				**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**				**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**			
558145.174160442	558145	4160443	WRKR_139	2.18E-02	2.90E-05	1.79E-02	5.57E-05	**3.98E-02**				9.72E-03	4.11E-05	9.15E-03	6.23E-05	**1.90E-02**				5.20E-03	3.98E-05	6.40E-05	6.90E-05	**5.37E-03**				5.99E-03	4.83E-05	0.00E+00	9.71E-05	**6.14E-03**			
558155.174160372	558155	4160373	WRKR_140	1.33E-02	2.77E-05	1.10E-02	5.35E-05	**2.44E-02**				5.94E-03	3.92E-05	5.61E-03	5.98E-05	**1.16E-02**				3.17E-03	3.80E-05	3.92E-05	6.63E-05	**3.32E-03**				3.66E-03	4.61E-05	0.00E+00	9.33E-05	**3.80E-03**			
558155.174160382	558155	4160383	WRKR_141	1.42E-02	2.81E-05	1.17E-02	5.42E-05	**2.60E-02**				6.34E-03	3.98E-05	5.99E-03	6.06E-05	**1.24E-02**				3.39E-03	3.85E-05	4.19E-05	6.72E-05	**3.53E-03**				3.91E-03	4.68E-05	0.00E+00	9.45E-05	**4.05E-03**			
558155.174160392	558155	4160393	WRKR_142	1.52E-02	2.84E-05	1.25E-02	5.49E-05	**2.78E-02**				6.78E-03	4.03E-05	6.39E-03	6.13E-05	**1.33E-02**				3.62E-03	3.90E-05	4.47E-05	6.80E-05	**3.77E-03**				4.18E-03	4.74E-05	0.00E+00	9.57E-05	**4.32E-03**			
558155.174160402	558155	4160403	WRKR_143	1.63E-02	2.88E-05	1.34E-02	5.56E-05	**2.98E-02**				7.26E-03	4.09E-05	6.84E-03	6.21E-05	**1.42E-02**				3.88E-03	3.96E-05	4.79E-05	6.88E-05	**4.04E-03**				4.48E-03	4.80E-05	0.00E+00	9.69E-05	**4.62E-03**			
558155.174160412	558155	4160413	WRKR_144	1.75E-02	2.92E-05	1.43E-02	5.63E-05	**3.19E-02**				7.80E-03	4.14E-05	7.34E-03	6.29E-05	**1.52E-02**				4.17E-03	4.01E-05	5.13E-05	6.97E-05	**4.33E-03**				4.80E-03	4.87E-05	0.00E+00	9.82E-05	**4.95E-03**			
558155.174160422	558155	4160423	WRKR_145	1.88E-02	2.96E-05	1.54E-02	5.70E-05	**3.43E-02**				8.39E-03	4.20E-05	7.88E-03	6.37E-05	**1.64E-02**				4.48E-03	4.06E-05	5.52E-05	7.06E-05	**4.65E-03**				5.17E-03	4.93E-05	0.00E+00	9.93E-05	**5.32E-03**			
558155.174160432	558155	4160433	WRKR_146	2.03E-02	3.00E-05	1.66E-02	5.76E-05	**3.70E-02**				9.04E-03	4.25E-05	8.49E-03	6.44E-05	**1.76E-02**				4.83E-03	4.11E-05	5.94E-05	7.14E-05	**5.00E-03**				5.57E-03	4.99E-05	0.00E+00	1.01E-04	**5.72E-03**			
558155.174160442	558155	4160443	WRKR_147	2.20E-02	3.04E-05	1.79E-02	5.84E-05	**4.00E-02**				9.77E-03	4.31E-05	9.18E-03	6.53E-05	**1.91E-02**				5.22E-03	4.17E-05	6.42E-05	7.24E-05	**5.40E-03**				6.02E-03	5.06E-05	0.00E+00	1.02E-04	**6.17E-03**			
558165.174160362	558165	4160363	WRKR_148	1.24E-02	2.84E-05	1.01E-02	5.49E-05	**2.26E-02**				5.53E-03	4.03E-05	5.19E-03	6.14E-05	**1.08E-02**				2.95E-03	3.90E-05	3.63E-05	6.80E-05	**3.10E-03**				3.41E-03	4.73E-05	0.00E+00	9.58E-05	**3.55E-03**			
558165.174160372	558165	4160373	WRKR_149	1.32E-02	2.88E-05	1.08E-02	5.58E-05	**2.42E-02**				5.89E-03	4.09E-05	5.55E-03	6.24E-05	**1.15E-02**				3.15E-03	3.96E-05	3.88E-05	6.91E-05	**3.30E-03**				3.63E-03	4.81E-05	0.00E+00	9.73E-05	**3.78E-03**			
558165.174160382	558165	4160383	WRKR_150	1.41E-02	2.93E-05	1.16E-02	5.66E-05	**2.58E-02**				6.30E-03	4.15E-05	5.93E-03	6.33E-05	**1.23E-02**				3.36E-03	4.02E-05	4.15E-05	7.01E-05	**3.52E-03**				3.88E-03	4.88E-05	0.00E+00	9.87E-05	**4.03E-03**			
558165.174160392	558165	4160393	WRKR_151	1.51E-02	2.97E-05	1.24E-02	5.74E-05	**2.76E-02**				6.74E-03	4.21E-05	6.34E-03	6.41E-05	**1.32E-02**				3.60E-03	4.08E-05	4.44E-05	7.11E-05	**3.76E-03**				4.15E-03	4.95E-05	0.00E+00	1.00E-04	**4.30E-03**			
558165.174160402	558165	4160403	WRKR_152	1.62E-02	3.01E-05	1.33E-02	5.81E-05	**2.96E-02**				7.23E-03	4.27E-05	6.79E-03	6.50E-05	**1.41E-02**				3.86E-03	4.14E-05	4.75E-05	7.20E-05	**4.02E-03**				4.45E-03	5.02E-05	0.00E+00	1.01E-04	**4.61E-03**			
558165.174160412	558165	4160413	WRKR_153	1.75E-02	3.06E-05	1.42E-02	5.89E-05	**3.18E-02**				7.77E-03	4.33E-05	7.29E-03	6.58E-05	**1.52E-02**				4.15E-03	4.19E-05	5.10E-05	7.30E-05	**4.32E-03**				4.79E-03	5.09E-05	0.00E+00	1.03E-04	**4.94E-03**			
558165.174160422	558165	4160423	WRKR_154	1.88E-02	3.10E-05	1.53E-02	5.97E-05	**3.42E-02**				8.37E-03	4.39E-05	7.85E-03	6.67E-05	**1.63E-02**				4.47E-03	4.25E-05	5.49E-05	7.39E-05	**4.64E-03**				5.16E-03	5.16E-05	0.00E+00	1.04E-04	**5.31E-03**			
558165.174160432	558165	4160433	WRKR_155	2.03E-02	3.14E-05	1.65E-02	6.05E-05	**3.69E-02**				9.03E-03	4.46E-05	8.47E-03	6.76E-05	**1.76E-02**				4.83E-03	4.31E-05	5.93E-05	7.50E-05	**5.00E-03**				5.56E-03	5.24E-05	0.00E+00	1.06E-04	**5.72E-03**			
558175.174160362	558175	4160363	WRKR_156	1.23E-02	2.96E-05	9.99E-03	5.73E-05	**2.24E-02**				5.47E-03	4.20E-05	5.12E-03	6.40E-05	**1.07E-02**				2.92E-03	4.06E-05	3.58E-05	7.10E-05	**3.07E-03**				3.37E-03	4.93E-05	0.00E+00	9.99E-05	**3.52E-03**			
558175.174160372	558175	4160373	WRKR_157	1.31E-02	3.01E-05	1.07E-02	5.82E-05	**2.39E-02**				5.83E-03	4.27E-05	5.47E-03	6.51E-05	**1.14E-02**				3.12E-03	4.13E-05	3.83E-05	7.21E-05	**3.27E-03**				3.59E-03	5.01E-05	0.00E+00	1.02E-04	**3.74E-03**			
558175.174160382	558175	4160383	WRKR_158	1.40E-02	3.06E-05	1.14E-02	5.91E-05	**2.55E-02**				6.23E-03	4.33E-05	5.85E-03	6.61E-05	**1.22E-02**				3.33E-03	4.20E-05	4.09E-05	7.32E-05	**3.49E-03**				3.84E-03	5.09E-05	0.00E+00	1.03E-04	**3.99E-03**			
558175.174160392	558175	4160393	WRKR_159	1.50E-02	3.11E-05	1.22E-02	6.00E-05	**2.73E-02**				6.68E-03	4.40E-05	6.27E-03	6.71E-05	**1.31E-02**				3.57E-03	4.26E-05	4.38E-05	7.43E-05	**3.73E-03**				4.11E-03	5.17E-05	0.00E+00	1.05E-04	**4.27E-03**			
558175.174160402	558175	4160403	WRKR_160	1.61E-02	3.15E-05	1.31E-02	6.08E-05	**2.93E-02**				7.17E-03	4.47E-05	6.71E-03	6.80E-05	**1.40E-02**				3.83E-03	4.33E-05	4.70E-05	7.54E-05	**4.00E-03**				4.42E-03	5.25E-05	0.00E+00	1.06E-04	**4.57E-03**			
558175.174160412	558175	4160413	WRKR_161	1.73E-02	3.20E-05	1.41E-02	6.17E-05	**3.15E-02**				7.71E-03	4.54E-05	7.22E-03	6.90E-05	**1.50E-02**				4.12E-03	4.39E-05	5.05E-05	7.65E-05	**4.29E-03**				4.75E-03	5.33E-05	0.00E+00	1.08E-04	**4.91E-03**			
558175.174160422	558175	4160423	WRKR_162	1.87E-02	3.25E-05	1.52E-02	6.26E-05	**3.39E-02**				8.31E-03	4.61E-05	7.78E-03	7.00E-05	**1.62E-02**				4.44E-03	4.46E-05	5.44E-05	7.76E-05	**4.62E-03**				5.12E-03	5.42E-05	0.00E+00	1.09E-04	**5.28E-03**			
558185.174160362	558185	4160363	WRKR_163	1.21E-02	3.09E-05	9.81E-03	5.98E-05	**2.20E-02**				5.39E-03	4.38E-05	5.02E-03	6.68E-05	**1.05E-02**				2.88E-03	4.24E-05	3.52E-05	7.41E-05	**3.03E-03**				3.32E-03	5.15E-05	0.00E+00	1.04E-04	**3.48E-03**			
558185.174160372	558185	4160373	WRKR_164	1.29E-02	3.14E-05	1.05E-02	6.08E-05	**2.35E-02**				5.75E-03	4.45E-05	5.37E-03	6.80E-05	**1.12E-02**				3.07E-03	4.31E-05	3.76E-05	7.53E-05	**3.23E-03**				3.54E-03	5.23E-05	0.00E+00	1.06E-04	**3.70E-03**			
558185.174160382	558185	4160383	WRKR_165	1.38E-02	3.19E-05	1.12E-02	6.18E-05	**2.51E-02**				6.15E-03	4.53E-05	5.75E-03	6.91E-05	**1.20E-02**				3.29E-03	4.38E-05	4.02E-05	7.65E-05	**3.45E-03**				3.79E-03	5.32E-05	0.00E+00	1.08E-04	**3.95E-03**			
558185.174160392	558185	4160393	WRKR_166	1.48E-02	3.25E-05	1.20E-02	6.28E-05	**2.69E-02**				6.59E-03	4.60E-05	6.16E-03	7.02E-05	**1.29E-02**				3.52E-03	4.46E-05	4.31E-05	7.78E-05	**3.69E-03**				4.06E-03	5.41E-05	0.00E+00	1.09E-04	**4.22E-03**			
558185.174160402	558185	4160403	WRKR_167	1.59E-02	3.30E-05	1.29E-02	6.38E-05	**2.89E-02**				7.08E-03	4.68E-05	6.62E-03	7.13E-05	**1.38E-02**				3.78E-03	4.53E-05	4.63E-05	7.90E-05	**3.95E-03**				4.36E-03	5.50E-05	0.00E+00	1.11E-04	**4.53E-03**			
558185.174160412	558185	4160413	WRKR_168	1.71E-02	3.35E-05	1.39E-02	6.48E-05	**3.11E-02**				7.61E-03	4.76E-05	7.12E-03	7.24E-05	**1.49E-02**				4.07E-03	4.60E-05	4.98E-05	8.02E-05	**4.24E-03**				4.69E-03	5.59E-05	0.00E+00	1.13E-04	**4.86E-03**			
558185.174160422	558185	4160423	WRKR_169	1.85E-02	3.41E-05	1.50E-02	6.58E-05	**3.35E-02**				8.21E-03	4.83E-05	7.68E-03	7.35E-05	**1.60E-02**				4.39E-03	4.68E-05	5.37E-05	8.15E-05	**4.57E-03**				5.06E-03	5.68E-05	0.00E+00	1.15E-04	**5.23E-03**			
558185.174160432	558185	4160433	WRKR_170	1.99E-02	3.46E-05	1.62E-02	6.68E-05	**3.63E-02**				8.88E-03	4.91E-05	8.30E-03	7.46E-05	**1.73E-02**				4.74E-03	4.75E-05	5.81E-05	8.27E-05	**4.93E-03**				5.47E-03	5.77E-05	0.00E+00	1.16E-04	**5.64E-03**			
558185.174160442	558185	4160443	WRKR_171	2.16E-02	3.51E-05	1.76E-02	6.77E-05	**3.93E-02**				9.62E-03	4.98E-05	9.00E-03	7.57E-05	**1.87E-02**				5.14E-03	4.82E-05	6.30E-05	8.39E-05	**5.33E-03**				5.93E-03	5.86E-05	0.00E+00	1.18E-04	**6.10E-03**			
558195.174160362	558195	4160363	WRKR_172	1.19E-02	3.22E-05	9.60E-03	6.24E-05	**2.16E-02**				5.30E-03	4.57E-05	4.92E-03	6.98E-05	**1.03E-02**				2.83E-03	4.42E-05	3.44E-05	7.73E-05	**2.99E-03**				3.27E-03	5.37E-05	0.00E+00	1.09E-04	**3.43E-03**			
558195.174160372	558195	4160373	WRKR_173	1.27E-02	3.28E-05	1.03E-02	6.35E-05	**2.31E-02**				5.66E-03	4.65E-05	5.26E-03	7.10E-05	**1.10E-02**				3.02E-03	4.50E-05	3.68E-05	7.87E-05	**3.18E-03**				3.48E-03	5.46E-05	0.00E+00	1.11E-04	**3.65E-03**			
558195.174160382	558195	4160383	WRKR_174	1.36E-02	3.34E-05	1.10E-02	6.46E-05	**2.47E-02**				6.05E-03	4.73E-05	5.63E-03	7.22E-05	**1.18E-02**				3.23E-03	4.58E-05	3.94E-05	8.00E-05	**3.40E-03**				3.73E-03	5.56E-05	0.00E+00	1.13E-04	**3.89E-03**			
558195.174160392	558195	4160393	WRKR_175	1.46E-02	3.40E-05	1.18E-02	6.57E-05	**2.65E-02**				6.48E-03	4.82E-05	6.04E-03	7.35E-05	**1.26E-02**				3.46E-03	4.66E-05	4.22E-05	8.14E-05	**3.63E-03**				3.99E-03	5.66E-05	0.00E+00	1.15E-04	**4.17E-03**			
558195.174160402	558195	4160403	WRKR_176	1.57E-02	3.46E-05	1.27E-02	6.68E-05	**2.84E-02**				6.97E-03	4.90E-05	6.48E-03	7.47E-05	**1.36E-02**				3.72E-03	4.75E-05	4.54E-05	8.28E-05	**3.90E-03**				4.29E-03	5.76E-05	0.00E+00	1.17E-04	**4.47E-03**			
558195.174160412	558195	4160413	WRKR_177	1.68E-02	3.52E-05	1.36E-02	6.79E-05	**3.06E-02**				7.50E-03	4.99E-05	6.98E-03	7.59E-05	**1.46E-02**				4.01E-03	4.83E-05	4.89E-05	8.42E-05	**4.19E-03**				4.62E-03	5.86E-05	0.00E+00	1.19E-04	**4.80E-03**			
558195.174160422	558195	4160423	WRKR_178	1.82E-02	3.58E-05	1.47E-02	6.91E-05	**3.30E-02**				8.09E-03	5.07E-05	7.54E-03	7.72E-05	**1.58E-02**				4.32E-03	4.91E-05	5.27E-05	8.56E-05	**4.51E-03**				4.98E-03	5.96E-05	0.00E+00	1.20E-04	**5.16E-03**			
558195.174160432	558195	4160433	WRKR_179	1.97E-02	3.64E-05	1.59E-02	7.02E-05	**3.57E-02**				8.75E-03	5.16E-05	8.15E-03	7.85E-05	**1.70E-02**				4.67E-03	4.99E-05	5.70E-05	8.70E-05	**4.87E-03**				5.39E-03	6.06E-05	0.00E+00	1.22E-04	**5.57E-03**			
558195.174160442	558195	4160443	WRKR_180	2.13E-02	3.69E-05	1.73E-02	7.13E-05	**3.87E-02**				9.47E-03	5.24E-05	8.85E-03	7.97E-05	**1.85E-02**				5.06E-03	5.07E-05	6.19E-05	8.83E-05	**5.26E-03**				5.83E-03	6.15E-05	0.00E+00	1.24E-04	**6.02E-03**			
558195.174160452	558195	4160453	WRKR_181	2.30E-02	3.74E-05	1.88E-02	7.23E-05	**4.20E-02**				1.03E-02	5.31E-05	9.63E-03	8.08E-05	**2.00E-02**				5.48E-03	5.14E-05	6.74E-05	8.96E-05	**5.69E-03**				6.32E-03	6.24E-05	0.00E+00	1.26E-04	**6.51E-03**			
558205.174160362	558205	4160363	WRKR_182	1.17E-02	3.36E-05	9.38E-03	6.51E-05	**2.12E-02**				5.20E-03	4.76E-05	4.80E-03	7.28E-05	**1.01E-02**				2.78E-03	4.61E-05	3.36E-05	8.07E-05	**2.94E-03**				3.20E-03	5.60E-05	0.00E+00	1.14E-04	**3.37E-03**			
558205.174160372	558205	4160373	WRKR_183	1.25E-02	3.42E-05	1.00E-02	6.64E-05	**2.26E-02**				5.55E-03	4.85E-05	5.14E-03	7.42E-05	**1.08E-02**				2.96E-03	4.70E-05	3.60E-05	8.22E-05	**3.13E-03**				3.42E-03	5.70E-05	0.00E+00	1.16E-04	**3.59E-03**			
558205.174160382	558205	4160383	WRKR_184	1.33E-02	3.49E-05	1.07E-02	6.76E-05	**2.42E-02**				5.93E-03	4.95E-05	5.50E-03	7.55E-05	**1.16E-02**				3.17E-03	4.79E-05	3.85E-05	8.37E-05	**3.34E-03**				3.66E-03	5.81E-05	0.00E+00	1.18E-04	**3.83E-03**			
558205.174160392	558205	4160393	WRKR_185	1.43E-02	3.56E-05	1.15E-02	6.88E-05	**2.59E-02**				6.36E-03	5.04E-05	5.90E-03	7.69E-05	**1.24E-02**				3.40E-03	4.88E-05	4.13E-05	8.53E-05	**3.57E-03**				3.92E-03	5.92E-05	0.00E+00	1.20E-04	**4.10E-03**			
558205.174160402	558205	4160403	WRKR_186	1.54E-02	3.62E-05	1.24E-02	7.01E-05	**2.78E-02**				6.84E-03	5.14E-05	6.34E-03	7.83E-05	**1.33E-02**				3.65E-03	4.97E-05	4.43E-05	8.68E-05	**3.83E-03**				4.21E-03	6.04E-05	0.00E+00	1.22E-04	**4.39E-03**			
558205.174160412	558205	4160413	WRKR_187	1.65E-02	3.69E-05	1.33E-02	7.13E-05	**3.00E-02**				7.36E-03	5.23E-05	6.83E-03	7.97E-05	**1.43E-02**				3.93E-03	5.07E-05	4.78E-05	8.84E-05	**4.12E-03**				4.53E-03	6.15E-05	0.00E+00	1.24E-04	**4.72E-03**			
558205.174160422	558205	4160423	WRKR_188	1.78E-02	3.76E-05	1.44E-02	7.26E-05	**3.23E-02**				7.94E-03	5.33E-05	7.37E-03	8.12E-05	**1.54E-02**				4.24E-03	5.16E-05	5.15E-05	9.00E-05	**4.44E-03**				4.89E-03	6.26E-05	0.00E+00	1.27E-04	**5.08E-03**			
558205.174160432	558205	4160433	WRKR_189	1.93E-02	3.82E-05	1.56E-02	7.39E-05	**3.50E-02**				8.58E-03	5.42E-05	7.98E-03	8.26E-05	**1.67E-02**				4.59E-03	5.25E-05	5.58E-05	9.15E-05	**4.79E-03**				5.29E-03	6.37E-05	0.00E+00	1.29E-04	**5.48E-03**			
558205.174160442	558205	4160443	WRKR_190	2.09E-02	3.89E-05	1.69E-02	7.52E-05	**3.79E-02**				9.31E-03	5.52E-05	8.66E-03	8.40E-05	**1.81E-02**				4.97E-03	5.34E-05	6.06E-05	9.32E-05	**5.18E-03**				5.73E-03	6.49E-05	0.00E+00	1.31E-04	**5.93E-03**			
558205.174160452	558205	4160453	WRKR_191	2.27E-02	3.95E-05	1.84E-02	7.64E-05	**4.12E-02**				1.01E-02	5.60E-05	9.43E-03	8.54E-05	**1.97E-02**				5.39E-03	5.42E-05	6.60E-05	9.46E-05	**5.60E-03**				6.21E-03	6.59E-05	0.00E+00	1.33E-04	**6.41E-03**			
558205.174160462	558205	4160463	WRKR_192	2.47E-02	4.02E-05	2.01E-02	7.76E-05	**4.49E-02**				1.10E-02	5.69E-05	1.03E-02	8.68E-05	**2.14E-02**				5.87E-03	5.51E-05	7.20E-05	9.62E-05	**6.09E-03**				6.77E-03	6.69E-05	0.00E+00	1.35E-04	**6.97E-03**			
558215.174160362	558215	4160363	WRKR_193	1.14E-02	3.51E-05	9.15E-03	6.80E-05	**2.07E-02**				5.09E-03	4.97E-05	4.68E-03	7.60E-05	**9.90E-03**				2.72E-03	4.81E-05	3.28E-05	8.42E-05	**2.88E-03**				3.14E-03	5.84E-05	0.00E+00	1.19E-04	**3.31E-03**			
558215.174160372	558215	4160373	WRKR_194	1.22E-02	3.58E-05	9.78E-03	6.93E-05	**2.21E-02**				5.43E-03	5.07E-05	5.01E-03	7.75E-05	**1.06E-02**				2.90E-03	4.91E-05	3.50E-05	8.59E-05	**3.07E-03**				3.35E-03	5.96E-05	0.00E+00	1.21E-04	**3.53E-03**			
558215.174160382	558215	4160383	WRKR_195	1.31E-02	3.65E-05	1.05E-02	7.07E-05	**2.36E-02**				5.81E-03	5.18E-05	5.36E-03	7.90E-05	**1.13E-02**				3.10E-03	5.01E-05	3.75E-05	8.76E-05	**3.28E-03**				3.58E-03	6.08E-05	0.00E+00	1.23E-04	**3.76E-03**			
558215.174160392	558215	4160393	WRKR_196	1.40E-02	3.72E-05	1.12E-02	7.21E-05	**2.53E-02**				6.23E-03	5.28E-05	5.75E-03	8.06E-05	**1.21E-02**				3.33E-03	5.11E-05	4.02E-05	8.93E-05	**3.51E-03**				3.84E-03	6.20E-05	0.00E+00	1.26E-04	**4.02E-03**			
558215.174160402	558215	4160403	WRKR_197	1.50E-02	3.80E-05	1.21E-02	7.35E-05	**2.72E-02**				6.69E-03	5.39E-05	6.18E-03	8.22E-05	**1.30E-02**				3.57E-03	5.21E-05	4.32E-05	9.11E-05	**3.76E-03**				4.12E-03	6.33E-05	0.00E+00	1.28E-04	**4.31E-03**			
558215.174160412	558215	4160413	WRKR_198	1.62E-02	3.87E-05	1.30E-02	7.50E-05	**2.93E-02**				7.20E-03	5.49E-05	6.65E-03	8.38E-05	**1.40E-02**				3.85E-03	5.32E-05	4.66E-05	9.29E-05	**4.04E-03**				4.44E-03	6.46E-05	0.00E+00	1.31E-04	**4.63E-03**			
558215.174160422	558215	4160423	WRKR_199	1.74E-02	3.95E-05	1.40E-02	7.64E-05	**3.16E-02**				7.76E-03	5.60E-05	7.19E-03	8.54E-05	**1.51E-02**				4.15E-03	5.42E-05	5.03E-05	9.46E-05	**4.35E-03**				4.78E-03	6.58E-05	0.00E+00	1.33E-04	**4.98E-03**			
558215.174160432	558215	4160433	WRKR_200	1.89E-02	4.02E-05	1.52E-02	7.78E-05	**3.42E-02**				8.39E-03	5.71E-05	7.78E-03	8.70E-05	**1.63E-02**				4.48E-03	5.52E-05	5.44E-05	9.64E-05	**4.69E-03**				5.17E-03	6.71E-05	0.00E+00	1.36E-04	**5.37E-03**			
558215.174160442	558215	4160443	WRKR_201	2.05E-02	4.10E-05	1.65E-02	7.93E-05	**3.71E-02**				9.11E-03	5.82E-05	8.44E-03	8.87E-05	**1.77E-02**				4.87E-03	5.63E-05	5.91E-05	9.83E-05	**5.08E-03**				5.61E-03	6.84E-05	0.00E+00	1.38E-04	**5.82E-03**			
558215.174160452	558215	4160453	WRKR_202	2.23E-02	4.18E-05	1.79E-02	8.08E-05	**4.03E-02**				9.91E-03	5.93E-05	9.19E-03	9.04E-05	**1.92E-02**				5.30E-03	5.74E-05	6.43E-05	1.00E-04	**5.52E-03**				6.11E-03	6.97E-05	0.00E+00	1.41E-04	**6.32E-03**			
558215.174160462	558215	4160463	WRKR_203	2.42E-02	4.25E-05	1.96E-02	8.22E-05	**4.39E-02**				1.08E-02	6.02E-05	1.00E-02	9.19E-05	**2.10E-02**				5.75E-03	5.83E-05	7.02E-05	1.02E-04	**5.98E-03**				6.63E-03	7.08E-05	0.00E+00	1.43E-04	**6.85E-03**			
558215.174160472	558215	4160473	WRKR_204	2.64E-02	4.32E-05	2.15E-02	8.36E-05	**4.80E-02**				1.18E-02	6.13E-05	1.10E-02	9.35E-05	**2.29E-02**				6.29E-03	5.93E-05	7.69E-05	1.04E-04	**6.53E-03**				7.25E-03	7.20E-05	0.00E+00	1.46E-04	**7.47E-03**			
558225.174160362	558225	4160363	WRKR_205	1.12E-02	3.66E-05	8.91E-03	7.10E-05	**2.02E-02**				4.97E-03	5.19E-05	4.56E-03	7.93E-05	**9.67E-03**				2.66E-03	5.02E-05	3.19E-05	8.79E-05	**2.83E-03**				3.06E-03	6.10E-05	0.00E+00	1.24E-04	**3.25E-03**			
558225.174160372	558225	4160373	WRKR_206	1.19E-02	3.74E-05	9.52E-03	7.25E-05	**2.16E-02**				5.31E-03	5.30E-05	4.88E-03	8.10E-05	**1.03E-02**				2.84E-03	5.13E-05	3.41E-05	8.98E-05	**3.01E-03**				3.27E-03	6.23E-05	0.00E+00	1.26E-04	**3.46E-03**			
558225.174160382	558225	4160383	WRKR_207	1.28E-02	3.82E-05	1.02E-02	7.40E-05	**2.30E-02**				5.68E-03	5.42E-05	5.21E-03	8.27E-05	**1.10E-02**				3.03E-03	5.24E-05	3.65E-05	9.17E-05	**3.21E-03**				3.50E-03	6.36E-05	0.00E+00	1.29E-04	**3.69E-03**			
558225.174160392	558225	4160393	WRKR_208	1.37E-02	3.90E-05	1.09E-02	7.56E-05	**2.47E-02**				6.08E-03	5.53E-05	5.59E-03	8.45E-05	**1.18E-02**				3.25E-03	5.35E-05	3.91E-05

Annual PM2.5

				AG	AH	AL	AJ	E	G	F	H	AG	AH	AL	AJ	E	G	F	H	AG	AH	AL	AJ	E	G	F	H
				Year 1 Project Concentrations (μg/m³)								**Year 2 Project Concentrations (μg/m³)**								**Year 3 Project Concentrations (μg/m³)**								**Year 4 Project Concentrations (μg/m³)**							
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**				**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**				**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**				**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**			
558225.174160472	558225	4160473	WRKR_216	2.59E-02	4.59E-05	2.09E-02	8.88E-05	**4.69E-02**				1.15E-02	6.50E-05	1.07E-02	9.93E-05	**2.24E-02**				6.15E-03	6.29E-05	7.48E-05	1.10E-04	**6.40E-03**				7.09E-03	7.64E-05	0.00E+00	1.55E-04	**7.32E-03**			
558225.174160482	558225	4160483	WRKR_217	2.84E-02	4.67E-05	2.30E-02	9.05E-05	**5.15E-02**				1.26E-02	6.62E-05	1.18E-02	1.01E-04	**2.46E-02**				6.74E-03	6.41E-05	8.23E-05	1.12E-04	**7.00E-03**				7.78E-03	7.78E-05	0.00E+00	1.58E-04	**8.01E-03**			
558235.174160362	558235	4160363	WRKR_218	1.09E-02	3.82E-05	8.67E-03	7.41E-05	**1.97E-02**				4.85E-03	5.42E-05	4.44E-03	8.28E-05	**9.43E-03**				2.59E-03	5.24E-05	3.11E-05	9.18E-05	**2.77E-03**				2.99E-03	6.37E-05	0.00E+00	1.29E-04	**3.18E-03**			
558235.174160372	558235	4160373	WRKR_219	1.16E-02	3.91E-05	9.26E-03	7.57E-05	**2.10E-02**				5.17E-03	5.54E-05	4.74E-03	8.47E-05	**1.01E-02**				2.77E-03	5.36E-05	3.32E-05	9.38E-05	**2.95E-03**				3.19E-03	6.51E-05	0.00E+00	1.32E-04	**3.39E-03**			
558235.174160382	558235	4160383	WRKR_220	1.24E-02	4.00E-05	9.90E-03	7.74E-05	**2.24E-02**				5.53E-03	5.67E-05	5.07E-03	8.65E-05	**1.07E-02**				2.96E-03	5.48E-05	3.55E-05	9.59E-05	**3.14E-03**				3.41E-03	6.66E-05	0.00E+00	1.35E-04	**3.61E-03**			
558235.174160392	558235	4160393	WRKR_221	1.33E-02	4.09E-05	1.06E-02	7.92E-05	**2.41E-02**				5.93E-03	5.79E-05	5.44E-03	8.85E-05	**1.15E-02**				3.17E-03	5.61E-05	3.80E-05	9.81E-05	**3.36E-03**				3.65E-03	6.81E-05	0.00E+00	1.38E-04	**3.86E-03**			
558235.174160402	558235	4160403	WRKR_222	1.43E-02	4.18E-05	1.14E-02	8.09E-05	**2.58E-02**				6.36E-03	5.92E-05	5.84E-03	9.05E-05	**1.24E-02**				3.40E-03	5.74E-05	4.09E-05	1.00E-04	**3.60E-03**				3.92E-03	6.96E-05	0.00E+00	1.41E-04	**4.13E-03**			
558235.174160412	558235	4160413	WRKR_223	1.54E-02	4.27E-05	1.23E-02	8.27E-05	**2.78E-02**				6.84E-03	6.05E-05	6.30E-03	9.25E-05	**1.33E-02**				3.65E-03	5.86E-05	4.40E-05	1.03E-04	**3.86E-03**				4.21E-03	7.12E-05	0.00E+00	1.44E-04	**4.43E-03**			
558235.174160422	558235	4160423	WRKR_224	1.66E-02	4.37E-05	1.33E-02	8.46E-05	**3.00E-02**				7.38E-03	6.19E-05	6.79E-03	9.46E-05	**1.43E-02**				3.94E-03	5.99E-05	4.75E-05	1.05E-04	**4.15E-03**				4.55E-03	7.28E-05	0.00E+00	1.48E-04	**4.77E-03**			
558235.174160432	558235	4160433	WRKR_225	1.79E-02	4.46E-05	1.44E-02	8.65E-05	**3.24E-02**				7.97E-03	6.33E-05	7.35E-03	9.67E-05	**1.55E-02**				4.26E-03	6.13E-05	5.14E-05	1.07E-04	**4.48E-03**				4.91E-03	7.44E-05	0.00E+00	1.51E-04	**5.14E-03**			
558235.174160442	558235	4160443	WRKR_226	1.94E-02	4.56E-05	1.56E-02	8.84E-05	**3.51E-02**				8.64E-03	6.47E-05	7.98E-03	9.89E-05	**1.68E-02**				4.62E-03	6.26E-05	5.58E-05	1.10E-04	**4.85E-03**				5.32E-03	7.60E-05	0.00E+00	1.54E-04	**5.55E-03**			
558235.174160452	558235	4160453	WRKR_227	2.11E-02	4.66E-05	1.69E-02	9.04E-05	**3.82E-02**				9.40E-03	6.61E-05	8.68E-03	1.01E-04	**1.82E-02**				5.02E-03	6.40E-05	6.07E-05	1.12E-04	**5.26E-03**				5.79E-03	7.77E-05	0.00E+00	1.58E-04	**6.02E-03**			
558235.174160462	558235	4160463	WRKR_228	2.30E-02	4.77E-05	1.85E-02	9.24E-05	**4.17E-02**				1.03E-02	6.76E-05	9.47E-03	1.03E-04	**1.99E-02**				5.48E-03	6.55E-05	6.62E-05	1.15E-04	**5.73E-03**				6.32E-03	7.95E-05	0.00E+00	1.61E-04	**6.56E-03**			
558235.174160472	558235	4160473	WRKR_229	2.53E-02	4.88E-05	2.02E-02	9.45E-05	**4.56E-02**				1.12E-02	6.91E-05	1.04E-02	1.06E-04	**2.18E-02**				6.01E-03	6.69E-05	7.25E-05	1.17E-04	**6.26E-03**				6.93E-03	8.12E-05	0.00E+00	1.65E-04	**7.17E-03**			
558235.174160482	558235	4160483	WRKR_230	2.77E-02	4.97E-05	2.23E-02	9.64E-05	**5.01E-02**				1.23E-02	7.05E-05	1.14E-02	1.08E-04	**2.39E-02**				6.58E-03	6.82E-05	7.98E-05	1.19E-04	**6.85E-03**				7.59E-03	8.28E-05	0.00E+00	1.68E-04	**7.84E-03**			
558235.174160492	558235	4160493	WRKR_231	3.04E-02	5.07E-05	2.46E-02	9.82E-05	**5.52E-02**				1.35E-02	7.18E-05	1.26E-02	1.10E-04	**2.63E-02**				7.24E-03	6.95E-05	8.82E-05	1.22E-04	**7.52E-03**				8.35E-03	8.44E-05	0.00E+00	1.71E-04	**8.60E-03**			
558245.174160362	558245	4160363	WRKR_232	1.06E-02	3.99E-05	8.43E-03	7.73E-05	**1.92E-02**				4.72E-03	5.65E-05	4.32E-03	8.64E-05	**9.18E-03**				2.52E-03	5.47E-05	3.02E-05	9.58E-05	**2.70E-03**				2.91E-03	6.64E-05	0.00E+00	1.35E-04	**3.11E-03**			
558245.174160372	558245	4160373	WRKR_233	1.13E-02	4.08E-05	8.99E-03	7.91E-05	**2.04E-02**				5.04E-03	5.79E-05	4.61E-03	8.85E-05	**9.79E-03**				2.69E-03	5.60E-05	3.22E-05	9.80E-05	**2.88E-03**				3.10E-03	6.80E-05	0.00E+00	1.38E-04	**3.31E-03**			
558245.174160382	558245	4160383	WRKR_234	1.21E-02	4.18E-05	9.62E-03	8.10E-05	**2.18E-02**				5.39E-03	5.93E-05	4.93E-03	9.06E-05	**1.05E-02**				2.88E-03	5.74E-05	3.45E-05	1.00E-04	**3.07E-03**				3.32E-03	6.97E-05	0.00E+00	1.41E-04	**3.53E-03**			
558245.174160392	558245	4160393	WRKR_235	1.30E-02	4.28E-05	1.03E-02	8.30E-05	**2.34E-02**				5.77E-03	6.07E-05	5.28E-03	9.27E-05	**1.12E-02**				3.08E-03	5.88E-05	3.69E-05	1.03E-04	**3.28E-03**				3.55E-03	7.13E-05	0.00E+00	1.45E-04	**3.77E-03**			
558245.174160402	558245	4160403	WRKR_236	1.39E-02	4.38E-05	1.11E-02	8.49E-05	**2.51E-02**				6.19E-03	6.22E-05	5.67E-03	9.50E-05	**1.20E-02**				3.31E-03	6.02E-05	3.97E-05	1.05E-04	**3.51E-03**				3.81E-03	7.31E-05	0.00E+00	1.48E-04	**4.04E-03**			
558245.174160412	558245	4160413	WRKR_237	1.49E-02	4.49E-05	1.19E-02	8.70E-05	**2.70E-02**				6.65E-03	6.36E-05	6.11E-03	9.72E-05	**1.29E-02**				3.56E-03	6.16E-05	4.27E-05	1.08E-04	**3.77E-03**				4.10E-03	7.48E-05	0.00E+00	1.52E-04	**4.33E-03**			
558245.174160422	558245	4160423	WRKR_238	1.61E-02	4.59E-05	1.29E-02	8.91E-05	**2.91E-02**				7.17E-03	6.51E-05	6.59E-03	9.96E-05	**1.39E-02**				3.83E-03	6.31E-05	4.61E-05	1.10E-04	**4.05E-03**				4.42E-03	7.66E-05	0.00E+00	1.55E-04	**4.65E-03**			
558245.174160432	558245	4160433	WRKR_239	1.74E-02	4.70E-05	1.39E-02	9.12E-05	**3.15E-02**				7.75E-03	6.67E-05	7.13E-03	1.02E-04	**1.50E-02**				4.14E-03	6.45E-05	4.99E-05	1.13E-04	**4.37E-03**				4.77E-03	7.84E-05	0.00E+00	1.59E-04	**5.01E-03**			
558245.174160442	558245	4160443	WRKR_240	1.89E-02	4.82E-05	1.51E-02	9.34E-05	**3.41E-02**				8.39E-03	6.83E-05	7.73E-03	1.04E-04	**1.63E-02**				4.49E-03	6.61E-05	5.41E-05	1.16E-04	**4.72E-03**				5.17E-03	8.02E-05	0.00E+00	1.63E-04	**5.41E-03**			
558245.174160452	558245	4160453	WRKR_241	2.05E-02	4.93E-05	1.64E-02	9.57E-05	**3.71E-02**				9.13E-03	7.00E-05	8.41E-03	1.07E-04	**1.77E-02**				4.88E-03	6.77E-05	5.88E-05	1.19E-04	**5.12E-03**				5.63E-03	8.22E-05	0.00E+00	1.67E-04	**5.88E-03**			
558245.174160462	558245	4160463	WRKR_242	2.24E-02	5.05E-05	1.79E-02	9.81E-05	**4.05E-02**				9.97E-03	7.17E-05	9.17E-03	1.10E-04	**1.93E-02**				5.33E-03	6.94E-05	6.42E-05	1.21E-04	**5.58E-03**				6.14E-03	8.42E-05	0.00E+00	1.71E-04	**6.40E-03**			
558245.174160472	558245	4160473	WRKR_243	2.45E-02	5.17E-05	1.96E-02	1.00E-04	**4.43E-02**				1.09E-02	7.34E-05	1.00E-02	1.12E-04	**2.11E-02**				5.83E-03	7.10E-05	7.03E-05	1.24E-04	**6.10E-03**				6.72E-03	8.62E-05	0.00E+00	1.75E-04	**6.98E-03**			
558245.174160482	558245	4160483	WRKR_244	2.69E-02	5.30E-05	2.16E-02	1.03E-04	**4.87E-02**				1.20E-02	7.51E-05	1.10E-02	1.15E-04	**2.32E-02**				6.41E-03	7.27E-05	7.73E-05	1.27E-04	**6.69E-03**				7.39E-03	8.82E-05	0.00E+00	1.79E-04	**7.66E-03**			
558245.174160492	558245	4160493	WRKR_245	2.97E-02	5.41E-05	2.38E-02	1.05E-04	**5.37E-02**				1.32E-02	7.67E-05	1.22E-02	1.17E-04	**2.56E-02**				7.06E-03	7.43E-05	8.54E-05	1.30E-04	**7.35E-03**				8.14E-03	9.02E-05	0.00E+00	1.83E-04	**8.41E-03**			
558245.174160502	558245	4160503	WRKR_246	3.28E-02	5.52E-05	2.65E-02	1.07E-04	**5.94E-02**				1.46E-02	7.83E-05	1.36E-02	1.20E-04	**2.83E-02**				7.80E-03	7.58E-05	9.48E-05	1.33E-04	**8.10E-03**				8.99E-03	9.20E-05	0.00E+00	1.87E-04	**9.27E-03**			
558255.174160362	558255	4160363	WRKR_247	1.03E-02	4.16E-05	8.18E-03	8.07E-05	**1.86E-02**				4.59E-03	5.90E-05	4.19E-03	9.02E-05	**8.93E-03**				2.45E-03	5.71E-05	2.93E-05	9.99E-05	**2.64E-03**				2.83E-03	6.93E-05	0.00E+00	1.41E-04	**3.04E-03**			
558255.174160372	558255	4160373	WRKR_248	1.10E-02	4.27E-05	8.73E-03	8.27E-05	**1.99E-02**				4.90E-03	6.05E-05	4.47E-03	9.24E-05	**9.52E-03**				2.62E-03	5.85E-05	3.13E-05	1.02E-04	**2.81E-03**				3.02E-03	7.11E-05	0.00E+00	1.44E-04	**3.23E-03**			
558255.174160382	558255	4160383	WRKR_249	1.18E-02	4.37E-05	9.33E-03	8.48E-05	**2.12E-02**				5.23E-03	6.20E-05	4.78E-03	9.48E-05	**1.02E-02**				2.80E-03	6.00E-05	3.34E-05	1.05E-04	**2.99E-03**				3.22E-03	7.29E-05	0.00E+00	1.48E-04	**3.44E-03**			
558255.174160392	558255	4160393	WRKR_250	1.26E-02	4.48E-05	9.99E-03	8.69E-05	**2.27E-02**				5.60E-03	6.36E-05	5.12E-03	9.71E-05	**1.09E-02**				2.99E-03	6.16E-05	3.58E-05	1.08E-04	**3.20E-03**				3.45E-03	7.47E-05	0.00E+00	1.52E-04	**3.68E-03**			
558255.174160402	558255	4160403	WRKR_251	1.35E-02	4.60E-05	1.07E-02	8.91E-05	**2.44E-02**				6.01E-03	6.52E-05	5.50E-03	9.96E-05	**1.17E-02**				3.21E-03	6.31E-05	3.84E-05	1.10E-04	**3.42E-03**				3.70E-03	7.66E-05	0.00E+00	1.55E-04	**3.94E-03**			
558255.174160412	558255	4160413	WRKR_252	1.45E-02	4.72E-05	1.15E-02	9.14E-05	**2.62E-02**				6.47E-03	6.69E-05	5.91E-03	1.02E-04	**1.25E-02**				3.46E-03	6.48E-05	4.13E-05	1.13E-04	**3.68E-03**				3.98E-03	7.86E-05	0.00E+00	1.59E-04	**4.22E-03**			
558255.174160422	558255	4160423	WRKR_253	1.56E-02	4.83E-05	1.25E-02	9.38E-05	**2.82E-02**				6.96E-03	6.85E-05	6.38E-03	1.05E-04	**1.35E-02**				3.72E-03	6.64E-05	4.46E-05	1.16E-04	**3.95E-03**				4.29E-03	8.06E-05	0.00E+00	1.64E-04	**4.53E-03**			
558255.174160432	558255	4160433	WRKR_254	1.69E-02	4.96E-05	1.35E-02	9.62E-05	**3.05E-02**				7.52E-03	7.03E-05	6.90E-03	1.08E-04	**1.46E-02**				4.02E-03	6.80E-05	4.82E-05	1.19E-04	**4.25E-03**				4.63E-03	8.26E-05	0.00E+00	1.68E-04	**4.88E-03**			
558255.174160442	558255	4160443	WRKR_255	1.83E-02	5.09E-05	1.46E-02	9.88E-05	**3.31E-02**				8.15E-03	7.21E-05	7.48E-03	1.10E-04	**1.58E-02**				4.36E-03	6.98E-05	5.23E-05	1.22E-04	**4.60E-03**				5.02E-03	8.48E-05	0.00E+00	1.72E-04	**5.28E-03**			
558255.174160452	558255	4160453	WRKR_256	1.99E-02	5.22E-05	1.59E-02	1.01E-04	**3.59E-02**				8.87E-03	7.40E-05	8.13E-03	1.13E-04	**1.72E-02**				4.74E-03	7.17E-05	5.69E-05	1.26E-04	**4.99E-03**				5.46E-03	8.70E-05	0.00E+00	1.77E-04	**5.73E-03**			
558255.174160462	558255	4160463	WRKR_257	2.17E-02	5.35E-05	1.73E-02	1.04E-04	**3.92E-02**				9.67E-03	7.59E-05	8.87E-03	1.16E-04	**1.87E-02**				5.16E-03	7.35E-05	6.21E-05	1.29E-04	**5.43E-03**				5.96E-03	8.92E-05	0.00E+00	1.81E-04	**6.23E-03**			
558255.174160472	558255	4160473	WRKR_258	2.38E-02	5.49E-05	1.90E-02	1.07E-04	**4.29E-02**				1.06E-02	7.79E-05	9.72E-03	1.19E-04	**2.05E-02**				5.65E-03	7.54E-05	6.80E-05	1.32E-04	**5.93E-03**				6.52E-03	9.16E-05	0.00E+00	1.86E-04	**6.80E-03**			
558255.174160482	558255	4160483	WRKR_259	2.61E-02	5.64E-05	2.09E-02	1.10E-04	**4.72E-02**				1.16E-02	7.99E-05	1.07E-02	1.22E-04	**2.25E-02**				6.22E-03	7.74E-05	7.48E-05	1.36E-04	**6.51E-03**				7.17E-03	9.40E-05	0.00E+00	1.91E-04	**7.46E-03**			
558255.174160492	558255	4160493	WRKR_260	2.89E-02	5.79E-05	2.31E-02	1.12E-04	**5.21E-02**				1.29E-02	8.20E-05	1.18E-02	1.26E-04	**2.49E-02**				6.88E-03	7.94E-05	8.26E-05	1.39E-04	**7.18E-03**				7.93E-03	9.64E-05	0.00E+00	1.96E-04	**8.22E-03**			
558255.174160502	558255	4160503	WRKR_261	3.20E-02	5.92E-05	2.56E-02	1.15E-04	**5.78E-02**				1.42E-02	8.39E-05	1.31E-02	1.29E-04	**2.76E-02**				7.60E-03	8.13E-05	9.18E-05	1.42E-04	**7.92E-03**				8.77E-03	9.87E-05	0.00E+00	2.01E-04	**9.07E-03**			
558255.174160512	558255	4160513	WRKR_262	3.55E-02	6.05E-05	2.86E-02	1.18E-04	**6.43E-02**				1.58E-02	8.58E-05	1.47E-02	1.31E-04	**3.07E-02**				8.45E-03	8.31E-05	1.03E-04	1.46E-04	**8.78E-03**				9.74E-03	1.01E-04	0.00E+00	2.05E-04	**1.00E-02**			
558265.174160362	558265	4160363	WRKR_263	1.00E-02	4.34E-05	7.94E-03	8.42E-05	**1.81E-02**				4.46E-03	6.16E-05	4.07E-03	9.41E-05	**8.68E-03**				2.38E-03	5.96E-05	2.85E-05	1.04E-04	**2.57E-03**				2.75E-03	7.24E-05	0.00E+00	1.47E-04	**2.97E-03**			
558265.174160372	558265	4160373	WRKR_264	1.07E-02	4.46E-05	8.47E-03	8.64E-05	**1.93E-02**				4.75E-03	6.32E-05	4.34E-03	9.66E-05	**9.25E-03**				2.54E-03	6.12E-05	3.03E-05	1.07E-04	**2.74E-03**				2.93E-03	7.43E-05	0.00E+00	1.51E-04	**3.15E-03**			
558265.174160382	558265	4160383	WRKR_265	1.14E-02	4.57E-05	9.05E-03	8.87E-05	**2.06E-02**				5.08E-03	6.49E-05	4.63E-03	9.91E-05	**9.87E-03**				2.71E-03	6.28E-05	3.24E-05	1.10E-04	**2.92E-03**				3.13E-03	7.62E-05	0.00E+00	1.55E-04	**3.36E-03**			
558265.174160392	558265	4160393	WRKR_266	1.22E-02	4.70E-05	9.68E-03	9.10E-05	**2.20E-02**				5.44E-03	6.66E-05	4.96E-03	1.02E-04	**1.06E-02**				2.90E-03	6.45E-05	3.47E-05	1.13E-04	**3.12E-03**				3.35E-03	7.83E-05	0.00E+00	1.59E-04	**3.59E-03**			
558265.174160402	558265	4160403	WRKR_267	1.31E-02	4.82E-05	1.04E-02	9.35E-05	**2.36E-02**				5.83E-03	6.84E-05	5.32E-03	1.05E-04	**1.13E-02**				3.12E-03	6.62E-05	3.72E-05	1.16E-04	**3.33E-03**				3.59E-03	8.04E-05	0.00E+00	1.63E-04	**3.84E-03**			
558265.174160412	558265	4160413	WRKR_268	1.41E-02	4.95E-05	1.12E-02	9.61E-05	**2.54E-02**				6.27E-03	7.02E-05	5.72E-03	1.07E-04	**1.22E-02**				3.35E-03	6.80E-05	4.00E-05	1.19E-04	**3.58E-03**				3.86E-03	8.25E-05	0.00E+00	1.68E-04	**4.11E-03**			
558265.174160422	558265	4160423	WRKR_269	1.52E-02	5.09E-05	1.20E-02	9.87E-05	**2.74E-02**				6.75E-03	7.21E-05	6.17E-03	1.10E-04	**1.31E-02**				3.61E-03	6.98E-05	4.31E-05	1.22E-04	**3.84E-03**				4.16E-03	8.48E-05	0.00E+00	1.72E-04	**4.42E-03**			
558265.174160432	558265	4160433	WRKR_270	1.64E-02	5.23E-05	1.30E-02	1.02E-04	**2.96E-02**				7.30E-03	7.41E-05	6.67E-03	1.13E-04	**1.42E-02**				3.90E-03	7.17E-05	4.66E-05	1.26E-04	**4.14E-03**				4.50E-03	8.71E-05	0.00E+00	1.77E-04	**4.76E-03**			
558265.174160442	558265	4160443	WRKR_271	1.78E-02	5.37E-05	1.41E-02	1.04E-04	**3.20E-02**				7.91E-03	7.62E-05	7.22E-03	1.17E-04	**1.53E-02**				4.23E-03	7.38E-05	5.05E-05	1.29E-04	**4.48E-03**				4.87E-03	8.95E-05	0.00E+00	1.82E-04	**5.15E-03**			
558265.174160452	558265	4160453	WRKR_272	1.93E-02	5.52E-05	1.53E-02	1.07E-04	**3.48E-02**				8.59E-03	7.83E-05	7.86E-03	1.20E-04	**1.66E-02**				4.59E-03	7.58E-05	5.50E-05	1.33E-04	**4.86E-03**				5.30E-03	9.20E-05	0.00E+00	1.87E-04	**5.57E-03**			
558265.174160462	558265	4160463	WRKR_273	2.10E-02	5.67E-05	1.67E-02	1.10E-04	**3.79E-02**				9.37E-03	8.05E-05	8.57E-03	1.23E-04	**1.81E-02**				5.01E-03	7.79E-05	6.00E-05	1.37E-04	**5.28E-03**				5.77E-03	9.46E-05	0.00E+00	1.92E-04	**6.06E-03**			
558265.174160472	558265	4160473	WRKR_274	2.31E-02	5.84E-05	1.83E-02	1.14E-04	**4.16E-02**				1.03E-02	8.28E-05	9.39E-03	1.27E-04	**1.99E-02**				5.48E-03	8.01E-05	6.57E-05	1.41E-04	**5.77E-03**				6.32E-03	9.73E-05	0.00E+00	1.98E-04	**6.62E-03**			
558265.174160482	558265	4160483	WRKR_275	2.54E-02	6.01E-05	2.02E-02	1.17E-04	**4.57E-02**				1.13E-02	8.52E-05	1.03E-02	1.31E-04	**2.18E-02**				6.04E-03	8.25E-05	7.23E-05	1.45E-04	**6.34E-03**				6.96E-03	1.00E-04	0.00E+00	2.04E-04	**7.27E-03**			
558265.174160492	558265	4160493	WRKR_276	2.81E-02	6.18E-05	2.23E-02	1.20E-04	**5.06E-02**				1.25E-02	8.77E-05	1.14E-02	1.34E-04	**2.41E-02**				6.68E-03	8.49E-05	7.99E-05	1.49E-04	**6.99E-03**				7.70E-03	1.03E-04	0.00E+00	2.10E-04	**8.01E-03**			
558265.174160502	558265	4160503	WRKR_277	3.12E-02	6.36E-05	2.48E-02	1.24E-04	**5.62E-02**				1.39E-02	9.02E-05	1.27E-02	1.38E-04	**2.68E-02**				7.43E-03	8.73E-05	8.89E-05	1.53E-04	**7.76E-03**				8.56E-03	1.06E-04	0.00E+00	2.16E-04	**8.89E-03**			
558265.174160512	558265	4160513	WRKR_278	3.48E-02	6.52E-05	2.78E-02	1.27E-04	**6.27E-02**				1.55E-02	9.25E-05	1.42E-02	1.42E-04	**2.99E-02**				8.27E-03	8.96E-05	9.95E-05	1.57E-04	**8.61E-03**				9.53E-03	1.09E-04	0.00E+00	2.21E-04	**9.86E-03**			
558265.174160522	558265	4160523	WRKR_279	3.90E-02	6.69E-05	3.14E-02	1.30E-04	**7.05E-02**				1.73E-02	9.49E-05	1.61E-02	1.46E-04	**3.36E-02**				9.27E-03	9.18E-05	1.12E-04	1.61E-04	**9.63E-03**				1.07E-02	1.12E-04	0.00E+00	2.27E-04	**1.10E-02**			
558275.174160362	558275	4160363	WRKR_280	9.71E-03	4.53E-05	7.70E-03	8.79E-05	**1.75E-02**				4.32E-03	6.42E-05	3.94E-03	9.82E-05	**8.43E-03**				2.31E-03	6.22E-05	2.76E-05	1.09E-04	**2.51E-03**				2.66E-03	7.55E-05	0.00E+00	1.53E-04	**2.89E-03**			
558275.174160372	558275	4160373	WRKR_281	1.03E-02	4.66E-05	8.20E-03	9.03E-05	**1.87E-02**				4.61E-03	6.60E-05	4.20E-03	1.01E-04	**8.98E-03**				2.46E-03	6.39E-05	2.94E-05	1.12E-04	**2.67E-03**				2.84E-03	7.76E-05	0.00E+00	1.57E-04	**3.07E-03**			
558275.174160382	558275	4160383	WRKR_282	1.11E-02	4.78E-05	8.75E-03	9.27E-05	**2.00E-02**				4.92E-03	6.78E-05	4.48E-03	1.04E-04	**9.58E-03**				2.63E-03	6.57E-05	3.14E-05	1.15E-04	**2.84E-03**				3.03E-03	7.97E-05	0.00E+00	1.62E-04	**3.27E-03**			
558275.174160392	558275	4160393	WRKR_283	1.18E-02	4.92E-05	9.37E-03	9.54E-05	**2.13E-02**				5.27E-03	6.97E-05	4.80E-03	1.07E-04	**1.02E-02**				2.81E-03	6.75E-05	3.36E-05	1.18E-04	**3.03E-03**				3.24E-03	8.19E-05	0.00E+00	1.66E-04	**3.49E-03**			
558275.174160402	558275	4160403	WRKR_284	1.27E-02	5.06E-05	1.00E-02	9.81E-05	**2.29E-02**				5.65E-03	7.17E-05	5.14E-03	1.10E-04	**1.10E-02**				3.02E-03	6.94E-05	3.60E-05	1.22E-04	**3.25E-03**				3.48E-03	8.43E-05	0.00E+00	1.71E-04	**3.74E-03**			
558275.174160412	558275	4160413	WRKR_285	1.36E-02	5.20E-05	1.08E-02	1.01E-04	**2.46E-02**				6.07E-03	7.38E-05	5.53E-03	1.13E-04	**1.18E-02**				3.24E-03	7.14E-05	3.87E-05

Annual PM2.5

				AG	AH	AL	AJ	E	G	F	H						E	G	F	H	
				Year 1 Project Concentrations (μg/m³)									**Year 2 Project Concentrations (μg/m³)**					**Year 3 Project Concentrations (μg/m³)**					**Year 4 Project Concentrations (μg/m³)**				
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**
558275.174160492	558275	4160493	WRKR_293	2.73E-02	6.61E-05	2.16E-02	1.29E-04	**4.90E-02**	1.21E-02	9.37E-05	1.10E-02	1.44E-04	**2.34E-02**	6.49E-03	9.07E-05	7.73E-05	1.59E-04	**6.81E-03**	7.48E-03	1.10E-04	0.00E+00	2.24E-04	**7.81E-03**
558275.174160502	558275	4160503	WRKR_294	3.04E-02	6.82E-05	2.40E-02	1.33E-04	**5.46E-02**	1.35E-02	9.67E-05	1.23E-02	1.48E-04	**2.61E-02**	7.23E-03	9.36E-05	8.61E-05	1.65E-04	**7.57E-03**	8.33E-03	1.14E-04	0.00E+00	2.32E-04	**8.68E-03**
558275.174160512	558275	4160513	WRKR_295	3.41E-02	7.05E-05	2.70E-02	1.37E-04	**6.13E-02**	1.52E-02	9.99E-05	1.38E-02	1.53E-04	**2.93E-02**	8.11E-03	9.68E-05	9.67E-05	1.70E-04	**8.48E-03**	9.36E-03	1.17E-04	0.00E+00	2.39E-04	**9.71E-03**
558275.174160522	558275	4160523	WRKR_296	3.84E-02	7.26E-05	3.06E-02	1.41E-04	**6.92E-02**	1.71E-02	1.03E-04	1.57E-02	1.58E-04	**3.30E-02**	9.14E-03	9.97E-05	1.10E-04	1.75E-04	**9.52E-03**	1.05E-02	1.21E-04	0.00E+00	2.47E-04	**1.09E-02**
558275.174160532	558275	4160533	WRKR_297	4.35E-02	7.47E-05	3.51E-02	1.46E-04	**7.88E-02**	1.94E-02	1.06E-04	1.80E-02	1.63E-04	**3.76E-02**	1.04E-02	1.03E-04	1.26E-04	1.81E-04	**1.08E-02**	1.19E-02	1.25E-04	0.00E+00	2.54E-04	**1.23E-02**
558285.174160362	558285	4160363	WRKR_298	9.40E-03	4.73E-05	7.45E-03	9.17E-05	**1.70E-02**	4.19E-03	6.70E-05	3.81E-03	1.02E-04	**8.17E-03**	2.24E-03	6.49E-05	2.67E-05	1.14E-04	**2.44E-03**	2.58E-03	7.88E-05	0.00E+00	1.60E-04	**2.82E-03**
558285.174160372	558285	4160373	WRKR_299	1.00E-02	4.86E-05	7.93E-03	9.43E-05	**1.81E-02**	4.46E-03	6.89E-05	4.06E-03	1.05E-04	**8.70E-03**	2.38E-03	6.67E-05	2.84E-05	1.17E-04	**2.60E-03**	2.75E-03	8.10E-05	0.00E+00	1.64E-04	**2.99E-03**
558285.174160382	558285	4160383	WRKR_300	1.07E-02	5.00E-05	8.46E-03	9.69E-05	**1.93E-02**	4.76E-03	7.09E-05	4.33E-03	1.08E-04	**9.28E-03**	2.55E-03	6.86E-05	3.03E-05	1.20E-04	**2.76E-03**	2.94E-03	8.33E-05	0.00E+00	1.69E-04	**3.19E-03**
558285.174160392	558285	4160393	WRKR_301	1.15E-02	5.15E-05	9.05E-03	9.98E-05	**2.06E-02**	5.10E-03	7.30E-05	4.63E-03	1.12E-04	**9.92E-03**	2.72E-03	7.06E-05	3.24E-05	1.24E-04	**2.95E-03**	3.14E-03	8.58E-05	0.00E+00	1.74E-04	**3.40E-03**
558285.174160402	558285	4160403	WRKR_302	1.23E-02	5.30E-05	9.69E-03	1.03E-04	**2.21E-02**	5.47E-03	7.51E-05	4.96E-03	1.15E-04	**1.06E-02**	2.92E-03	7.27E-05	3.47E-05	1.27E-04	**3.16E-03**	3.37E-03	8.83E-05	0.00E+00	1.79E-04	**3.64E-03**
558285.174160412	558285	4160413	WRKR_303	1.32E-02	5.46E-05	1.04E-02	1.06E-04	**2.38E-02**	5.88E-03	7.74E-05	5.33E-03	1.18E-04	**1.14E-02**	3.14E-03	7.49E-05	3.73E-05	1.31E-04	**3.38E-03**	3.62E-03	9.10E-05	0.00E+00	1.85E-04	**3.90E-03**
558285.174160422	558285	4160423	WRKR_304	1.42E-02	5.63E-05	1.12E-02	1.09E-04	**2.56E-02**	6.34E-03	7.98E-05	5.74E-03	1.22E-04	**1.23E-02**	3.39E-03	7.73E-05	4.02E-05	1.35E-04	**3.64E-03**	3.90E-03	9.38E-05	0.00E+00	1.91E-04	**4.19E-03**
558285.174160432	558285	4160433	WRKR_305	1.54E-02	5.80E-05	1.21E-02	1.13E-04	**2.77E-02**	6.85E-03	8.23E-05	6.21E-03	1.26E-04	**1.33E-02**	3.66E-03	7.97E-05	4.34E-05	1.40E-04	**3.92E-03**	4.22E-03	9.67E-05	0.00E+00	1.97E-04	**4.51E-03**
558285.174160442	558285	4160443	WRKR_306	1.67E-02	5.98E-05	1.31E-02	1.16E-04	**3.00E-02**	7.42E-03	8.49E-05	6.73E-03	1.30E-04	**1.44E-02**	3.97E-03	8.21E-05	4.70E-05	1.44E-04	**4.24E-03**	4.57E-03	9.97E-05	0.00E+00	2.03E-04	**4.88E-03**
558285.174160452	558285	4160453	WRKR_307	1.81E-02	6.18E-05	1.43E-02	1.20E-04	**3.26E-02**	8.07E-03	8.76E-05	7.31E-03	1.34E-04	**1.56E-02**	4.31E-03	8.48E-05	5.12E-05	1.49E-04	**4.60E-03**	4.97E-03	1.03E-04	0.00E+00	2.10E-04	**5.29E-03**
558285.174160462	558285	4160463	WRKR_308	1.98E-02	6.38E-05	1.56E-02	1.24E-04	**3.56E-02**	8.82E-03	9.05E-05	7.98E-03	1.39E-04	**1.70E-02**	4.71E-03	8.76E-05	5.58E-05	1.54E-04	**5.01E-03**	5.44E-03	1.06E-04	0.00E+00	2.17E-04	**5.76E-03**
558285.174160472	558285	4160473	WRKR_309	2.17E-02	6.60E-05	1.71E-02	1.29E-04	**3.90E-02**	9.68E-03	9.36E-05	8.75E-03	1.44E-04	**1.87E-02**	5.17E-03	9.06E-05	6.12E-05	1.59E-04	**5.48E-03**	5.96E-03	1.10E-04	0.00E+00	2.24E-04	**6.30E-03**
558285.174160482	558285	4160483	WRKR_310	2.39E-02	6.82E-05	1.88E-02	1.33E-04	**4.30E-02**	1.07E-02	9.67E-05	9.64E-03	1.49E-04	**2.05E-02**	5.69E-03	9.36E-05	6.75E-05	1.65E-04	**6.02E-03**	6.56E-03	1.14E-04	0.00E+00	2.32E-04	**6.91E-03**
558285.174160492	558285	4160493	WRKR_311	2.65E-02	7.06E-05	2.09E-02	1.38E-04	**4.76E-02**	1.18E-02	1.00E-04	1.07E-02	1.54E-04	**2.27E-02**	6.31E-03	9.69E-05	7.48E-05	1.70E-04	**6.65E-03**	7.27E-03	1.18E-04	0.00E+00	2.40E-04	**7.63E-03**
558285.174160502	558285	4160503	WRKR_312	2.96E-02	7.32E-05	2.33E-02	1.43E-04	**5.31E-02**	1.32E-02	1.04E-04	1.19E-02	1.59E-04	**2.54E-02**	7.04E-03	1.00E-04	8.35E-05	1.77E-04	**7.40E-03**	8.12E-03	1.22E-04	0.00E+00	2.49E-04	**8.49E-03**
558285.174160512	558285	4160513	WRKR_313	3.33E-02	7.59E-05	2.63E-02	1.48E-04	**5.98E-02**	1.48E-02	1.08E-04	1.35E-02	1.66E-04	**2.86E-02**	7.93E-03	1.04E-04	9.41E-05	1.83E-04	**8.31E-03**	9.14E-03	1.27E-04	0.00E+00	2.58E-04	**9.52E-03**
558285.174160522	558285	4160523	WRKR_314	3.77E-02	7.88E-05	2.99E-02	1.54E-04	**6.79E-02**	1.68E-02	1.12E-04	1.53E-02	1.72E-04	**3.24E-02**	8.98E-03	1.08E-04	1.07E-04	1.90E-04	**9.38E-03**	1.04E-02	1.31E-04	0.00E+00	2.68E-04	**1.08E-02**
558285.174160532	558285	4160533	WRKR_315	4.29E-02	8.14E-05	3.45E-02	1.59E-04	**7.76E-02**	1.91E-02	1.15E-04	1.77E-02	1.78E-04	**3.71E-02**	1.02E-02	1.12E-04	1.24E-04	1.97E-04	**1.06E-02**	1.18E-02	1.36E-04	0.00E+00	2.78E-04	**1.22E-02**
558295.174160362	558295	4160363	WRKR_316	9.10E-03	4.93E-05	7.19E-03	9.56E-05	**1.64E-02**	4.05E-03	6.99E-05	3.68E-03	1.07E-04	**7.91E-03**	2.16E-03	6.76E-05	2.58E-05	1.18E-04	**2.38E-03**	2.50E-03	8.21E-05	0.00E+00	1.67E-04	**2.74E-03**
558295.174160372	558295	4160373	WRKR_317	9.69E-03	5.07E-05	7.65E-03	9.84E-05	**1.75E-02**	4.31E-03	7.19E-05	3.92E-03	1.10E-04	**8.42E-03**	2.31E-03	6.96E-05	2.74E-05	1.22E-04	**2.52E-03**	2.66E-03	8.45E-05	0.00E+00	1.72E-04	**2.91E-03**
558295.174160382	558295	4160383	WRKR_318	1.03E-02	5.22E-05	8.16E-03	1.01E-04	**1.87E-02**	4.61E-03	7.41E-05	4.18E-03	1.13E-04	**8.97E-03**	2.46E-03	7.17E-05	2.92E-05	1.26E-04	**2.69E-03**	2.84E-03	8.70E-05	0.00E+00	1.77E-04	**3.10E-03**
558295.174160392	558295	4160393	WRKR_319	1.11E-02	5.38E-05	8.72E-03	1.04E-04	**2.00E-02**	4.93E-03	7.63E-05	4.47E-03	1.17E-04	**9.59E-03**	2.63E-03	7.39E-05	3.13E-05	1.29E-04	**2.87E-03**	3.04E-03	8.97E-05	0.00E+00	1.82E-04	**3.31E-03**
558295.174160402	558295	4160403	WRKR_320	1.19E-02	5.54E-05	9.34E-03	1.08E-04	**2.14E-02**	5.29E-03	7.86E-05	4.78E-03	1.20E-04	**1.03E-02**	2.83E-03	7.61E-05	3.35E-05	1.33E-04	**3.07E-03**	3.26E-03	9.24E-05	0.00E+00	1.88E-04	**3.54E-03**
558295.174160412	558295	4160413	WRKR_321	1.28E-02	5.73E-05	1.00E-02	1.11E-04	**2.30E-02**	5.68E-03	8.12E-05	5.14E-03	1.24E-04	**1.10E-02**	3.04E-03	7.86E-05	3.59E-05	1.38E-04	**3.29E-03**	3.50E-03	9.54E-05	0.00E+00	1.94E-04	**3.79E-03**
558295.174160422	558295	4160423	WRKR_322	1.38E-02	5.91E-05	1.08E-02	1.15E-04	**2.47E-02**	6.13E-03	8.38E-05	5.53E-03	1.28E-04	**1.19E-02**	3.27E-03	8.11E-05	3.87E-05	1.42E-04	**3.54E-03**	3.78E-03	9.85E-05	0.00E+00	2.00E-04	**4.07E-03**
558295.174160432	558295	4160433	WRKR_323	1.49E-02	6.11E-05	1.17E-02	1.19E-04	**2.67E-02**	6.63E-03	8.66E-05	5.97E-03	1.33E-04	**1.28E-02**	3.54E-03	8.38E-05	4.18E-05	1.47E-04	**3.81E-03**	4.08E-03	1.02E-04	0.00E+00	2.07E-04	**4.39E-03**
558295.174160442	558295	4160443	WRKR_324	1.62E-02	6.31E-05	1.26E-02	1.23E-04	**2.90E-02**	7.19E-03	8.95E-05	6.48E-03	1.37E-04	**1.39E-02**	3.84E-03	8.66E-05	4.53E-05	1.52E-04	**4.13E-03**	4.43E-03	1.05E-04	0.00E+00	2.14E-04	**4.75E-03**
558295.174160452	558295	4160453	WRKR_325	1.76E-02	6.53E-05	1.38E-02	1.27E-04	**3.15E-02**	7.83E-03	9.26E-05	7.04E-03	1.42E-04	**1.51E-02**	4.18E-03	8.97E-05	4.93E-05	1.57E-04	**4.48E-03**	4.82E-03	1.09E-04	0.00E+00	2.22E-04	**5.15E-03**
558295.174160462	558295	4160463	WRKR_326	1.92E-02	6.76E-05	1.50E-02	1.32E-04	**3.45E-02**	8.56E-03	9.59E-05	7.69E-03	1.47E-04	**1.65E-02**	4.58E-03	9.28E-05	5.38E-05	1.63E-04	**4.89E-03**	5.28E-03	1.13E-04	0.00E+00	2.30E-04	**5.62E-03**
558295.174160472	558295	4160473	WRKR_327	2.11E-02	7.01E-05	1.65E-02	1.37E-04	**3.78E-02**	9.40E-03	9.94E-05	8.45E-03	1.53E-04	**1.81E-02**	5.02E-03	9.62E-05	5.91E-05	1.69E-04	**5.35E-03**	5.79E-03	1.17E-04	0.00E+00	2.38E-04	**6.15E-03**
558295.174160482	558295	4160483	WRKR_328	2.33E-02	7.27E-05	1.82E-02	1.42E-04	**4.17E-02**	1.04E-02	1.03E-04	9.32E-03	1.58E-04	**2.00E-02**	5.54E-03	9.98E-05	6.52E-05	1.76E-04	**5.88E-03**	6.39E-03	1.21E-04	0.00E+00	2.47E-04	**6.76E-03**
558295.174160492	558295	4160493	WRKR_329	2.58E-02	7.55E-05	2.02E-02	1.47E-04	**4.63E-02**	1.15E-02	1.07E-04	1.04E-02	1.65E-04	**2.21E-02**	6.15E-03	1.04E-04	7.25E-05	1.82E-04	**6.51E-03**	7.09E-03	1.26E-04	0.00E+00	2.57E-04	**7.47E-03**
558295.174160502	558295	4160503	WRKR_330	2.89E-02	7.85E-05	2.27E-02	1.53E-04	**5.18E-02**	1.29E-02	1.11E-04	1.16E-02	1.71E-04	**2.47E-02**	6.87E-03	1.08E-04	8.12E-05	1.90E-04	**7.25E-03**	7.92E-03	1.31E-04	0.00E+00	2.67E-04	**8.32E-03**
558295.174160512	558295	4160513	WRKR_331	3.26E-02	8.18E-05	2.56E-02	1.60E-04	**5.85E-02**	1.45E-02	1.16E-04	1.31E-02	1.79E-04	**2.79E-02**	7.75E-03	1.12E-04	9.18E-05	1.98E-04	**8.16E-03**	8.94E-03	1.36E-04	0.00E+00	2.79E-04	**9.36E-03**
558295.174160522	558295	4160523	WRKR_332	3.70E-02	8.53E-05	2.93E-02	1.67E-04	**6.66E-02**	1.65E-02	1.21E-04	1.50E-02	1.87E-04	**3.18E-02**	8.81E-03	1.17E-04	1.05E-04	2.07E-04	**9.24E-03**	1.02E-02	1.42E-04	0.00E+00	2.91E-04	**1.06E-02**
558295.174160532	558295	4160533	WRKR_333	4.23E-02	8.88E-05	3.39E-02	1.74E-04	**7.65E-02**	1.88E-02	1.26E-04	1.74E-02	1.95E-04	**3.65E-02**	1.01E-02	1.22E-04	1.22E-04	2.16E-04	**1.05E-02**	1.16E-02	1.48E-04	0.00E+00	3.04E-04	**1.21E-02**
558305.174160362	558305	4160363	WRKR_334	8.80E-03	5.13E-05	6.93E-03	9.96E-05	**1.59E-02**	3.92E-03	7.28E-05	3.55E-03	1.11E-04	**7.65E-03**	2.09E-03	7.05E-05	2.48E-05	1.23E-04	**2.31E-03**	2.41E-03	8.56E-05	0.00E+00	1.74E-04	**2.67E-03**
558305.174160372	558305	4160373	WRKR_335	9.37E-03	5.29E-05	7.37E-03	1.03E-04	**1.69E-02**	4.17E-03	7.50E-05	3.78E-03	1.15E-04	**8.14E-03**	2.23E-03	7.26E-05	2.64E-05	1.27E-04	**2.45E-03**	2.57E-03	8.82E-05	0.00E+00	1.79E-04	**2.84E-03**
558305.174160382	558305	4160383	WRKR_336	1.00E-02	5.45E-05	7.86E-03	1.06E-04	**1.80E-02**	4.45E-03	7.73E-05	4.02E-03	1.18E-04	**8.67E-03**	2.38E-03	7.48E-05	2.82E-05	1.31E-04	**2.61E-03**	2.74E-03	9.08E-05	0.00E+00	1.84E-04	**3.02E-03**
558305.174160392	558305	4160393	WRKR_337	1.07E-02	5.62E-05	8.39E-03	1.09E-04	**1.93E-02**	4.76E-03	7.97E-05	4.30E-03	1.22E-04	**9.26E-03**	2.54E-03	7.71E-05	3.01E-05	1.35E-04	**2.79E-03**	2.93E-03	9.36E-05	0.00E+00	1.90E-04	**3.22E-03**
558305.174160402	558305	4160403	WRKR_338	1.15E-02	5.79E-05	8.98E-03	1.12E-04	**2.06E-02**	5.11E-03	8.21E-05	4.60E-03	1.26E-04	**9.91E-03**	2.73E-03	7.94E-05	3.22E-05	1.39E-04	**2.98E-03**	3.15E-03	9.65E-05	0.00E+00	1.96E-04	**3.44E-03**
558305.174160412	558305	4160413	WRKR_339	1.23E-02	5.98E-05	9.64E-03	1.16E-04	**2.22E-02**	5.49E-03	8.48E-05	4.94E-03	1.30E-04	**1.06E-02**	2.94E-03	8.21E-05	3.45E-05	1.44E-04	**3.20E-03**	3.39E-03	9.96E-05	0.00E+00	2.02E-04	**3.69E-03**
558305.174160422	558305	4160423	WRKR_340	1.33E-02	6.20E-05	1.04E-02	1.20E-04	**2.39E-02**	5.93E-03	8.79E-05	5.32E-03	1.35E-04	**1.15E-02**	3.17E-03	8.51E-05	3.72E-05	1.49E-04	**3.44E-03**	3.65E-03	1.03E-04	0.00E+00	2.10E-04	**3.96E-03**
558305.174160432	558305	4160433	WRKR_341	1.44E-02	6.42E-05	1.12E-02	1.25E-04	**2.58E-02**	6.41E-03	9.10E-05	5.75E-03	1.39E-04	**1.24E-02**	3.42E-03	8.81E-05	4.02E-05	1.55E-04	**3.71E-03**	3.95E-03	1.07E-04	0.00E+00	2.18E-04	**4.27E-03**
558305.174160442	558305	4160443	WRKR_342	1.56E-02	6.65E-05	1.22E-02	1.29E-04	**2.80E-02**	6.96E-03	9.42E-05	6.23E-03	1.45E-04	**1.34E-02**	3.72E-03	9.12E-05	4.36E-05	1.60E-04	**4.01E-03**	4.29E-03	1.11E-04	0.00E+00	2.26E-04	**4.63E-03**
558305.174160452	558305	4160453	WRKR_343	1.70E-02	6.89E-05	1.32E-02	1.34E-04	**3.05E-02**	7.59E-03	9.77E-05	6.78E-03	1.50E-04	**1.46E-02**	4.05E-03	9.46E-05	4.75E-05	1.66E-04	**4.36E-03**	4.68E-03	1.15E-04	0.00E+00	2.34E-04	**5.02E-03**
558305.174160462	558305	4160463	WRKR_344	1.87E-02	7.15E-05	1.45E-02	1.39E-04	**3.34E-02**	8.30E-03	1.01E-04	7.42E-03	1.56E-04	**1.60E-02**	4.44E-03	9.82E-05	5.19E-05	1.73E-04	**4.76E-03**	5.12E-03	1.19E-04	0.00E+00	2.43E-04	**5.48E-03**
558305.174160472	558305	4160473	WRKR_345	2.05E-02	7.43E-05	1.59E-02	1.45E-04	**3.67E-02**	9.13E-03	1.05E-04	8.16E-03	1.62E-04	**1.76E-02**	4.88E-03	1.02E-04	5.71E-05	1.79E-04	**5.22E-03**	5.63E-03	1.24E-04	0.00E+00	2.53E-04	**6.00E-03**
558305.174160482	558305	4160483	WRKR_346	2.27E-02	7.73E-05	1.76E-02	1.51E-04	**4.05E-02**	1.01E-02	1.10E-04	9.02E-03	1.69E-04	**1.94E-02**	5.39E-03	1.06E-04	6.31E-05	1.87E-04	**5.75E-03**	6.22E-03	1.29E-04	0.00E+00	2.63E-04	**6.61E-03**
558305.174160492	558305	4160493	WRKR_347	2.52E-02	8.06E-05	1.96E-02	1.57E-04	**4.51E-02**	1.12E-02	1.14E-04	1.00E-02	1.76E-04	**2.16E-02**	6.00E-03	1.11E-04	7.03E-05	1.95E-04	**6.38E-03**	6.92E-03	1.34E-04	0.00E+00	2.74E-04	**7.33E-03**
558305.174160502	558305	4160503	WRKR_348	2.83E-02	8.41E-05	2.20E-02	1.65E-04	**5.06E-02**	1.26E-02	1.19E-04	1.13E-02	1.84E-04	**2.42E-02**	6.72E-03	1.15E-04	7.90E-05	2.04E-04	**7.12E-03**	7.75E-03	1.40E-04	0.00E+00	2.87E-04	**8.18E-03**
558305.174160512	558305	4160513	WRKR_349	3.19E-02	8.81E-05	2.50E-02	1.73E-04	**5.72E-02**	1.42E-02	1.25E-04	1.28E-02	1.93E-04	**2.74E-02**	7.60E-03	1.21E-04	8.97E-05	2.14E-04	**8.02E-03**	8.76E-03	1.47E-04	0.00E+00	3.01E-04	**9.21E-03**
558305.174160522	558305	4160523	WRKR_350	3.64E-02	9.24E-05	2.88E-02	1.81E-04	**6.54E-02**	1.62E-02	1.31E-04	1.47E-02	2.03E-04	**3.13E-02**	8.66E-03	1.27E-04	1.03E-04	2.25E-04	**9.11E-03**	9.98E-03	1.54E-04	0.00E+00	3.16E-04	**1.05E-02**
558305.174160532	558305	4160533	WRKR_351	4.17E-02	9.68E-05	3.34E-02	1.91E-04	**7.54E-02**	1.85E-02	1.37E-04	1.71E-02	2.13E-04	**3.60E-02**	9.91E-03	1.33E-04	1.20E-04	2.36E-04	**1.04E-02**	1.14E-02	1.61E-04	0.00E+00	3.32E-04	**1.19E-02**
558315.174160362	558315	4160363	WRKR_352	8.50E-03	5.35E-05	6.66E-03	1.04E-04	**1.53E-02**	3.78E-03	7.58E-05	3.41E-03	1.16E-04	**7.38E-03**	2.02E-03	7.34E-05	2.39E-05	1.28E-04	**2.25E-03**	2.33E-03	8.91E-05	0.00E+00	1.81E-04	**2.60E-03**
558315.174160372	558315	4160373	WRKR_353	9.05E-03	5.51E-05	7.08E-03	1.07E-04	**1.63E-02**	4.03E-03	7.82E-05	3.63E-03	1.20E-04	**7.85E-03**	2.15E-03	7.57E-05	2.54E-05	1.32E-04	**2.39E-03**	2.48E-03	9.19E-05	0.00E+00	1.87E-04	**2.76E-03**
558315.174160382	558315	4160383	WRKR_354	9.66E-03	5.68E-05	7.54E-03	1.10E-04	**1.74E-02**	4.30E-03	8.05E-05	3.86E-03	1.23E-04	**8.37E-03**	2.30E-03	7.79E-05	2.70E-05	1.36E-04	**2.54E-03**	2.65E-03	9.46E-05	0.00E+00	1.92E-04	**2.94E-03**
558315.174160392	558315	4160393	WRKR_355	1.03E-02	5.86E-05	8.06E-03	1.14E-04	**1.86E-02**	4.60E-03	8.31E-05	4.13E-03	1.27E-04	**8.94E-03**	2.46E-03	8.04E-05	2.89E-05	1.41E-04	**2.71E-03**	2.83E-03	9.77E-05	0.00E+00	1.98E-04	**3.13E-03**
558315.174160402	558315	4160403	WRKR_356	1.11E-02	6.05E-05	8.63E-03	1.18E-04	**1.99E-02**	4.93E-03	8.58E-05	4.42E-03	1.31E-04	**9.57E-03**	2.64E-03	8.31E-05	3.09E-05	1.46E-04	**2.90E-03**	3.04E-03	1.01E-04	0.00E+00	2.05E-04	**3.35E-03**
558315.174160412	558315	4160413	WRKR_357	1.19E-02	6.26E-05	9.26E-03	1.21E-04	**2.14E-02**	5.31E-03	8.87E-05	4.74E-03	1.36E-04	**1.03E-02**	2.84E-03	8.59E-05	3.32E-05	1.50E-04	**3.11E-03**	3.27E-03	1.04E-04	0.00E+00	2.12E-04	**3.59E-03**
558315.174160422	558315	4160423	WRKR_358	1.29E-02	6.48E-05	9.97E-03	1.26E-04	**2.30E-02**	5.73E-03	9.19E-05	5.11E-03	1.41E-04	**1.11E-02**	3.06E-03	8.90E-05	3.57E-05	1.56E-04	**3.34E-03**	3.53E-03	1.08E-04	0.00E+00	2.20E-04	**3.86E-03**
558315.174160432	558315	4160433	WRKR_359	1.39E-02	6.73E-05	1.08E-02	1.31E-04	**2.49E-02**	6.20E-03	9.54E-05	5.53E-03	1.46E-04	**1.20E-02**	3.31E-03	9.24E-05	3.87E-05	1.62E-04	**3.61E-03**	3.82E-03	1.12E-04	0.00E+00	2.28E-04	**4.16E-03**
558315.174160442	558315	4160443	WRKR_360	1.51E-02	6.98E-05	1.17E-02	1.36E-04	**2.70E-02**	6.74E-03	9.90E-05	6.00E-03	1.52E-04	**1.30E-02**	3.60E-03	9.59E-05	4.19E-05	1.68E-04	**3.91E-03**	4.15E-03	1.16E-04	0.00E+00	2.37E-04	**4.50E-03**
558315.174160452	558315	4160453	WRKR_361	1.65E-02	7.26E-05	1.28E-02	1.41E-04	**2.95E-02**	7.35E-03	1.03E-04	6.53E-03	1.58E-04	**1.41E-02**	3.93E-03	9.96E-05	4.57E-05	1.75E-04	**4.25E-03**	4.53E-03	1.21E-04	0.00E+00	2.46E-04	**4.90E-03**
558315.174160462	558315	4160463	WRKR_362	1.81E-02	7.55E-05	1.40E-02	1.47E-04	**3.23E-02**	8.06E-03	1.07E-04	7.15E-03	1.64E-04	**1.55E-02**	4.30E-03	1.04E-04	5.00E-05	1.82E-04	**4.64E-03**	4.96E-03	1.26E-04	0.00E+00	2.57E-04	**5.35E-03**
558315.174160472	558315	4160473	WRKR_363	1.99E-02	7.86E-05	1.54E-02	1.53E-04	**3.56E-02**	8.88E-03	1.11E-04	7.88E-03	1.71E-04	**1.70E-02**	4.74E-03	1.08E-04	5.51E-05	1.90E-04	**5.10E-03**	5.47E-03	1.31E-04	0.00E+00	2.67E-04	**5.87E-03**
558315.174160482	558315	4160483	WRKR_364	2.21E-02	8.21E-05	1.71E-02	1.60E-04	**3.94E-02**	9.83E-03	1.16E-04	8.73E-03	1.79E-04	**1.89E-02**	5.26E-03	1.13E-04	6.11E-05	1.99E-04	**5.63E-03**	6.06E-03	1.37E-04	0.00E+00	2.79E-04	**6.48E-03**
558315.174160492	558315	4160493	WRKR_365	2.46E-02	8.59E-05	1.91E-02	1.68E-04	**4.39E-02**	1.10E-02	1.22E-04	9.76E-03	1.88E-04	**2.10E-02**	5.86E-03	1.18E-04	6.83E-05	2.08E-04	**6.25E-03**	6.76E-03	1.43E-04	0.00E+00	2.93E-04	**7.19E-03**
558315.174160502	558315	4160503	WRKR_366	2.77E-02	9.01E-05	2.15E-02	1.76E-04	**4.94E-02**	1.23E-02	1.28E-04	1.10E-02	1.97E-04	**2.37E-02**	6.58E-03	1.24E-04	7.70E-05	2.18E-04	**7.00E-03**	7.59E-03	1.50E-04	0.00E+00	3.08E-04

Annual PM2.5

				AG	AH	AL	AJ	E	G	F	H	AG	AH	AL	AJ	E	G	F	H	AG	AH	AL	AJ	E	G	F	H
				Year 1 Project Concentrations (μg/m³)								**Year 2 Project Concentrations (μg/m³)**								**Year 3 Project Concentrations (μg/m³)**								**Year 4 Project Concentrations (μg/m³)**							
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**				**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**				**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**				**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**			
558325.174160362	558325	4160363	WRKR_370	8.21E-03	5.56E-05	6.39E-03	1.08E-04	**1.48E-02**				3.65E-03	7.89E-05	3.27E-03	1.21E-04	**7.13E-03**				1.95E-03	7.64E-05	2.29E-05	1.34E-04	**2.19E-03**				2.25E-03	9.27E-05	0.00E+00	1.88E-04	**2.53E-03**			
558325.174160372	558325	4160373	WRKR_371	8.74E-03	5.74E-05	6.79E-03	1.11E-04	**1.57E-02**				3.89E-03	8.14E-05	3.48E-03	1.24E-04	**7.58E-03**				2.08E-03	7.88E-05	2.43E-05	1.38E-04	**2.32E-03**				2.40E-03	9.56E-05	0.00E+00	1.94E-04	**2.69E-03**			
558325.174160382	558325	4160383	WRKR_372	9.33E-03	5.92E-05	7.24E-03	1.15E-04	**1.67E-02**				4.15E-03	8.39E-05	3.71E-03	1.28E-04	**8.07E-03**				2.22E-03	8.12E-05	2.59E-05	1.42E-04	**2.47E-03**				2.56E-03	9.86E-05	0.00E+00	2.00E-04	**2.86E-03**			
558325.174160392	558325	4160393	WRKR_373	9.98E-03	6.12E-05	7.73E-03	1.19E-04	**1.79E-02**				4.44E-03	8.67E-05	3.96E-03	1.33E-04	**8.62E-03**				2.37E-03	8.39E-05	2.77E-05	1.47E-04	**2.63E-03**				2.74E-03	1.02E-04	0.00E+00	2.07E-04	**3.05E-03**			
558325.174160402	558325	4160403	WRKR_374	1.07E-02	6.33E-05	8.28E-03	1.23E-04	**1.92E-02**				4.76E-03	8.97E-05	4.24E-03	1.37E-04	**9.23E-03**				2.55E-03	8.68E-05	2.97E-05	1.52E-04	**2.81E-03**				2.94E-03	1.05E-04	0.00E+00	2.14E-04	**3.25E-03**			
558325.174160412	558325	4160413	WRKR_375	1.15E-02	6.55E-05	8.89E-03	1.27E-04	**2.06E-02**				5.13E-03	9.28E-05	4.55E-03	1.42E-04	**9.91E-03**				2.74E-03	8.99E-05	3.18E-05	1.58E-04	**3.02E-03**				3.16E-03	1.09E-04	0.00E+00	2.22E-04	**3.49E-03**			
558325.174160422	558325	4160423	WRKR_376	1.24E-02	6.79E-05	9.58E-03	1.32E-04	**2.22E-02**				5.53E-03	9.62E-05	4.91E-03	1.47E-04	**1.07E-02**				2.96E-03	9.32E-05	3.43E-05	1.63E-04	**3.25E-03**				3.41E-03	1.13E-04	0.00E+00	2.30E-04	**3.75E-03**			
558325.174160432	558325	4160433	WRKR_377	1.35E-02	7.05E-05	1.04E-02	1.37E-04	**2.40E-02**				6.00E-03	9.99E-05	5.31E-03	1.53E-04	**1.16E-02**				3.20E-03	9.67E-05	3.71E-05	1.70E-04	**3.51E-03**				3.69E-03	1.17E-04	0.00E+00	2.39E-04	**4.05E-03**			
558325.174160442	558325	4160443	WRKR_378	1.46E-02	7.33E-05	1.13E-02	1.43E-04	**2.61E-02**				6.52E-03	1.04E-04	5.76E-03	1.59E-04	**1.25E-02**				3.48E-03	1.01E-04	4.03E-05	1.77E-04	**3.80E-03**				4.02E-03	1.22E-04	0.00E+00	2.49E-04	**4.39E-03**			
558325.174160452	558325	4160453	WRKR_379	1.60E-02	7.63E-05	1.23E-02	1.49E-04	**2.85E-02**				7.12E-03	1.08E-04	6.29E-03	1.66E-04	**1.37E-02**				3.81E-03	1.05E-04	4.40E-05	1.84E-04	**4.14E-03**				4.39E-03	1.27E-04	0.00E+00	2.59E-04	**4.77E-03**			
558325.174160462	558325	4160463	WRKR_380	1.76E-02	7.95E-05	1.35E-02	1.55E-04	**3.13E-02**				7.82E-03	1.13E-04	6.90E-03	1.73E-04	**1.50E-02**				4.18E-03	1.09E-04	4.82E-05	1.92E-04	**4.53E-03**				4.82E-03	1.32E-04	0.00E+00	2.70E-04	**5.22E-03**			
558325.174160472	558325	4160473	WRKR_381	1.94E-02	8.30E-05	1.49E-02	1.62E-04	**3.45E-02**				8.63E-03	1.18E-04	7.61E-03	1.81E-04	**1.65E-02**				4.61E-03	1.14E-04	5.32E-05	2.01E-04	**4.98E-03**				5.32E-03	1.38E-04	0.00E+00	2.82E-04	**5.74E-03**			
558325.174160482	558325	4160483	WRKR_382	2.15E-02	8.69E-05	1.65E-02	1.70E-04	**3.83E-02**				9.59E-03	1.23E-04	8.46E-03	1.90E-04	**1.84E-02**				5.12E-03	1.19E-04	5.92E-05	2.10E-04	**5.51E-03**				5.91E-03	1.45E-04	0.00E+00	2.96E-04	**6.35E-03**			
558325.174160492	558325	4160493	WRKR_383	2.41E-02	9.12E-05	1.85E-02	1.78E-04	**4.29E-02**				1.07E-02	1.29E-04	9.49E-03	1.99E-04	**2.05E-02**				5.73E-03	1.25E-04	6.64E-05	2.21E-04	**6.14E-03**				6.60E-03	1.52E-04	0.00E+00	3.11E-04	**7.07E-03**			
558325.174160502	558325	4160503	WRKR_384	2.71E-02	9.61E-05	2.10E-02	1.88E-04	**4.83E-02**				1.21E-02	1.36E-04	1.07E-02	2.10E-04	**2.31E-02**				6.45E-03	1.32E-04	7.51E-05	2.33E-04	**6.89E-03**				7.43E-03	1.60E-04	0.00E+00	3.28E-04	**7.92E-03**			
558325.174160512	558325	4160513	WRKR_385	3.07E-02	1.02E-04	2.40E-02	2.00E-04	**5.50E-02**				1.37E-02	1.44E-04	1.23E-02	2.23E-04	**2.63E-02**				7.31E-03	1.39E-04	8.59E-05	2.47E-04	**7.79E-03**				8.43E-03	1.69E-04	0.00E+00	3.48E-04	**8.95E-03**			
558325.174160522	558325	4160523	WRKR_386	3.51E-02	1.08E-04	2.77E-02	2.12E-04	**6.31E-02**				1.56E-02	1.53E-04	1.42E-02	2.37E-04	**3.02E-02**				8.35E-03	1.48E-04	9.93E-05	2.63E-04	**8.86E-03**				9.62E-03	1.80E-04	0.00E+00	3.70E-04	**1.02E-02**			
558325.174160532	558325	4160533	WRKR_387	4.01E-02	1.14E-04	3.23E-02	2.27E-04	**7.28E-02**				1.79E-02	1.62E-04	1.65E-02	2.53E-04	**3.48E-02**				9.55E-03	1.57E-04	1.16E-04	2.81E-04	**1.01E-02**				1.10E-02	1.90E-04	0.00E+00	3.95E-04	**1.16E-02**			
558335.174160362	558335	4160363	WRKR_388	7.93E-03	5.78E-05	6.12E-03	1.12E-04	**1.42E-02**				3.53E-03	8.20E-05	3.14E-03	1.25E-04	**6.87E-03**				1.89E-03	7.93E-05	2.19E-05	1.39E-04	**2.13E-03**				2.17E-03	9.63E-05	0.00E+00	1.95E-04	**2.47E-03**			
558335.174160372	558335	4160373	WRKR_389	8.44E-03	5.98E-05	6.51E-03	1.16E-04	**1.51E-02**				3.76E-03	8.47E-05	3.34E-03	1.29E-04	**7.31E-03**				2.01E-03	8.20E-05	2.33E-05	1.43E-04	**2.26E-03**				2.31E-03	9.96E-05	0.00E+00	2.02E-04	**2.62E-03**			
558335.174160382	558335	4160383	WRKR_390	9.01E-03	6.17E-05	6.93E-03	1.20E-04	**1.61E-02**				4.01E-03	8.74E-05	3.55E-03	1.34E-04	**7.78E-03**				2.14E-03	8.46E-05	2.48E-05	1.48E-04	**2.40E-03**				2.47E-03	1.03E-04	0.00E+00	2.08E-04	**2.78E-03**			
558335.174160392	558335	4160393	WRKR_391	9.64E-03	6.37E-05	7.41E-03	1.24E-04	**1.72E-02**				4.29E-03	9.04E-05	3.79E-03	1.38E-04	**8.31E-03**				2.29E-03	8.75E-05	2.65E-05	1.53E-04	**2.56E-03**				2.64E-03	1.06E-04	0.00E+00	2.16E-04	**2.96E-03**			
558335.174160402	558335	4160403	WRKR_392	1.03E-02	6.60E-05	7.93E-03	1.28E-04	**1.85E-02**				4.60E-03	9.36E-05	4.06E-03	1.43E-04	**8.90E-03**				2.46E-03	9.06E-05	2.84E-05	1.59E-04	**2.74E-03**				2.84E-03	1.10E-04	0.00E+00	2.23E-04	**3.17E-03**			
558335.174160412	558335	4160413	WRKR_393	1.11E-02	6.84E-05	8.52E-03	1.33E-04	**1.99E-02**				4.95E-03	9.70E-05	4.36E-03	1.48E-04	**9.56E-03**				2.65E-03	9.39E-05	3.05E-05	1.65E-04	**2.94E-03**				3.05E-03	1.14E-04	0.00E+00	2.32E-04	**3.40E-03**			
558335.174160422	558335	4160423	WRKR_394	1.20E-02	7.09E-05	9.18E-03	1.38E-04	**2.14E-02**				5.35E-03	1.01E-04	4.70E-03	1.54E-04	**1.03E-02**				2.86E-03	9.74E-05	3.29E-05	1.71E-04	**3.16E-03**				3.30E-03	1.18E-04	0.00E+00	2.40E-04	**3.66E-03**			
558335.174160432	558335	4160433	WRKR_395	1.30E-02	7.36E-05	9.93E-03	1.43E-04	**2.32E-02**				5.80E-03	1.04E-04	5.09E-03	1.60E-04	**1.12E-02**				3.10E-03	1.01E-04	3.56E-05	1.77E-04	**3.41E-03**				3.58E-03	1.23E-04	0.00E+00	2.50E-04	**3.95E-03**			
558335.174160442	558335	4160443	WRKR_396	1.42E-02	7.67E-05	1.08E-02	1.49E-04	**2.52E-02**				6.32E-03	1.09E-04	5.53E-03	1.67E-04	**1.21E-02**				3.38E-03	1.05E-04	3.87E-05	1.85E-04	**3.70E-03**				3.89E-03	1.28E-04	0.00E+00	2.60E-04	**4.28E-03**			
558335.174160452	558335	4160453	WRKR_397	1.55E-02	8.00E-05	1.18E-02	1.56E-04	**2.76E-02**				6.91E-03	1.13E-04	6.05E-03	1.74E-04	**1.32E-02**				3.69E-03	1.10E-04	4.23E-05	1.93E-04	**4.04E-03**				4.26E-03	1.33E-04	0.00E+00	2.72E-04	**4.66E-03**			
558335.174160462	558335	4160463	WRKR_398	1.71E-02	8.35E-05	1.30E-02	1.63E-04	**3.03E-02**				7.59E-03	1.18E-04	6.65E-03	1.82E-04	**1.45E-02**				4.06E-03	1.15E-04	4.65E-05	2.01E-04	**4.42E-03**				4.68E-03	1.39E-04	0.00E+00	2.84E-04	**5.10E-03**			
558335.174160472	558335	4160473	WRKR_399	1.89E-02	8.74E-05	1.44E-02	1.70E-04	**3.35E-02**				8.40E-03	1.24E-04	7.36E-03	1.90E-04	**1.61E-02**				4.49E-03	1.20E-04	5.15E-05	2.11E-04	**4.87E-03**				5.17E-03	1.46E-04	0.00E+00	2.97E-04	**5.62E-03**			
558335.174160482	558335	4160483	WRKR_400	2.10E-02	9.17E-05	1.60E-02	1.79E-04	**3.73E-02**				9.34E-03	1.30E-04	8.20E-03	2.00E-04	**1.79E-02**				4.99E-03	1.26E-04	5.74E-05	2.22E-04	**5.40E-03**				5.76E-03	1.53E-04	0.00E+00	3.12E-04	**6.22E-03**			
558335.174160492	558335	4160493	WRKR_401	2.35E-02	9.66E-05	1.80E-02	1.89E-04	**4.18E-02**				1.05E-02	1.37E-04	9.22E-03	2.11E-04	**2.00E-02**				5.59E-03	1.33E-04	6.45E-05	2.34E-04	**6.02E-03**				6.45E-03	1.61E-04	0.00E+00	3.29E-04	**6.94E-03**			
558335.174160502	558335	4160503	WRKR_402	2.65E-02	1.02E-04	2.04E-02	2.00E-04	**4.73E-02**				1.18E-02	1.45E-04	1.05E-02	2.24E-04	**2.26E-02**				6.31E-03	1.40E-04	7.33E-05	2.48E-04	**6.77E-03**				7.27E-03	1.70E-04	0.00E+00	3.49E-04	**7.79E-03**			
558335.174160512	558335	4160513	WRKR_403	3.01E-02	1.08E-04	2.34E-02	2.13E-04	**5.39E-02**				1.34E-02	1.54E-04	1.20E-02	2.38E-04	**2.58E-02**				7.16E-03	1.49E-04	8.40E-05	2.64E-04	**7.66E-03**				8.26E-03	1.81E-04	0.00E+00	3.72E-04	**8.81E-03**			
558335.174160522	558335	4160523	WRKR_404	3.43E-02	1.15E-04	2.71E-02	2.28E-04	**6.18E-02**				1.53E-02	1.64E-04	1.39E-02	2.55E-04	**2.96E-02**				8.17E-03	1.59E-04	9.72E-05	2.82E-04	**8.70E-03**				9.42E-03	1.92E-04	0.00E+00	3.98E-04	**1.00E-02**			
558335.174160532	558335	4160533	WRKR_405	3.92E-02	1.23E-04	3.16E-02	2.45E-04	**7.12E-02**				1.75E-02	1.75E-04	1.62E-02	2.74E-04	**3.41E-02**				9.33E-03	1.69E-04	1.13E-04	3.04E-04	**9.92E-03**				1.08E-02	2.05E-04	0.00E+00	4.27E-04	**1.14E-02**			
558345.174160362	558345	4160363	WRKR_406	7.66E-03	6.01E-05	5.87E-03	1.16E-04	**1.37E-02**				3.41E-03	8.52E-05	3.01E-03	1.30E-04	**6.63E-03**				1.82E-03	8.25E-05	2.10E-05	1.44E-04	**2.07E-03**				2.10E-03	1.00E-04	0.00E+00	2.03E-04	**2.40E-03**			
558345.174160372	558345	4160373	WRKR_407	8.16E-03	6.21E-05	6.24E-03	1.20E-04	**1.46E-02**				3.63E-03	8.81E-05	3.20E-03	1.35E-04	**7.05E-03**				1.94E-03	8.53E-05	2.24E-05	1.49E-04	**2.20E-03**				2.24E-03	1.04E-04	0.00E+00	2.10E-04	**2.55E-03**			
558345.174160382	558345	4160383	WRKR_408	8.70E-03	6.43E-05	6.65E-03	1.25E-04	**1.55E-02**				3.87E-03	9.12E-05	3.41E-03	1.39E-04	**7.51E-03**				2.07E-03	8.83E-05	2.38E-05	1.54E-04	**2.34E-03**				2.39E-03	1.07E-04	0.00E+00	2.17E-04	**2.71E-03**			
558345.174160392	558345	4160393	WRKR_409	9.31E-03	6.65E-05	7.10E-03	1.29E-04	**1.66E-02**				4.15E-03	9.42E-05	3.64E-03	1.44E-04	**8.02E-03**				2.22E-03	9.12E-05	2.54E-05	1.60E-04	**2.49E-03**				2.55E-03	1.11E-04	0.00E+00	2.25E-04	**2.89E-03**			
558345.174160402	558345	4160403	WRKR_410	1.00E-02	6.88E-05	7.60E-03	1.34E-04	**1.78E-02**				4.45E-03	9.76E-05	3.89E-03	1.49E-04	**8.59E-03**				2.38E-03	9.45E-05	2.72E-05	1.65E-04	**2.66E-03**				2.74E-03	1.15E-04	0.00E+00	2.33E-04	**3.09E-03**			
558345.174160412	558345	4160413	WRKR_411	1.08E-02	7.14E-05	8.17E-03	1.39E-04	**1.91E-02**				4.79E-03	1.01E-04	4.18E-03	1.55E-04	**9.23E-03**				2.56E-03	9.79E-05	2.93E-05	1.72E-04	**2.86E-03**				2.95E-03	1.19E-04	0.00E+00	2.42E-04	**3.31E-03**			
558345.174160422	558345	4160423	WRKR_412	1.16E-02	7.41E-05	8.81E-03	1.44E-04	**2.07E-02**				5.18E-03	1.05E-04	4.51E-03	1.61E-04	**9.96E-03**				2.77E-03	1.02E-04	3.16E-05	1.78E-04	**3.08E-03**				3.19E-03	1.23E-04	0.00E+00	2.51E-04	**3.57E-03**			
558345.174160432	558345	4160433	WRKR_413	1.26E-02	7.70E-05	9.54E-03	1.50E-04	**2.24E-02**				5.62E-03	1.09E-04	4.89E-03	1.67E-04	**1.08E-02**				3.00E-03	1.06E-04	3.42E-05	1.85E-04	**3.33E-03**				3.46E-03	1.28E-04	0.00E+00	2.61E-04	**3.85E-03**			
558345.174160442	558345	4160443	WRKR_414	1.38E-02	7.99E-05	1.04E-02	1.55E-04	**2.44E-02**				6.13E-03	1.13E-04	5.31E-03	1.73E-04	**1.17E-02**				3.27E-03	1.10E-04	3.72E-05	1.92E-04	**3.61E-03**				3.77E-03	1.33E-04	0.00E+00	2.71E-04	**4.18E-03**			
558345.174160452	558345	4160453	WRKR_415	1.51E-02	8.35E-05	1.14E-02	1.62E-04	**2.67E-02**				6.71E-03	1.18E-04	5.81E-03	1.81E-04	**1.28E-02**				3.59E-03	1.15E-04	4.07E-05	2.01E-04	**3.94E-03**				4.14E-03	1.39E-04	0.00E+00	2.83E-04	**4.56E-03**			
558345.174160462	558345	4160463	WRKR_416	1.66E-02	8.75E-05	1.25E-02	1.70E-04	**2.94E-02**				7.38E-03	1.24E-04	6.42E-03	1.90E-04	**1.41E-02**				3.94E-03	1.20E-04	4.49E-05	2.11E-04	**4.32E-03**				4.55E-03	1.46E-04	0.00E+00	2.97E-04	**4.99E-03**			
558345.174160472	558345	4160473	WRKR_417	1.83E-02	9.16E-05	1.39E-02	1.79E-04	**3.25E-02**				8.17E-03	1.30E-04	7.12E-03	2.00E-04	**1.56E-02**				4.36E-03	1.26E-04	4.98E-05	2.21E-04	**4.76E-03**				5.03E-03	1.53E-04	0.00E+00	3.12E-04	**5.50E-03**			
558345.174160482	558345	4160483	WRKR_418	2.04E-02	9.64E-05	1.55E-02	1.88E-04	**3.63E-02**				9.10E-03	1.37E-04	7.96E-03	2.10E-04	**1.74E-02**				4.86E-03	1.32E-04	5.57E-05	2.33E-04	**5.28E-03**				5.61E-03	1.61E-04	0.00E+00	3.28E-04	**6.10E-03**			
558345.174160492	558345	4160493	WRKR_419	2.29E-02	1.02E-04	1.75E-02	1.99E-04	**4.08E-02**				1.02E-02	1.44E-04	8.98E-03	2.22E-04	**1.95E-02**				5.45E-03	1.40E-04	6.28E-05	2.46E-04	**5.90E-03**				6.29E-03	1.70E-04	0.00E+00	3.47E-04	**6.80E-03**			
558345.174160502	558345	4160503	WRKR_420	2.59E-02	1.08E-04	1.99E-02	2.11E-04	**4.61E-02**				1.15E-02	1.53E-04	1.02E-02	2.36E-04	**2.21E-02**				6.16E-03	1.48E-04	7.15E-05	2.62E-04	**6.64E-03**				7.10E-03	1.80E-04	0.00E+00	3.69E-04	**7.65E-03**			
558345.174160512	558345	4160513	WRKR_421	2.94E-02	1.15E-04	2.29E-02	2.26E-04	**5.26E-02**				1.31E-02	1.63E-04	1.17E-02	2.53E-04	**2.52E-02**				6.99E-03	1.58E-04	8.20E-05	2.80E-04	**7.51E-03**				8.06E-03	1.92E-04	0.00E+00	3.94E-04	**8.64E-03**			
558345.174160522	558345	4160523	WRKR_422	3.35E-02	1.23E-04	2.65E-02	2.43E-04	**6.03E-02**				1.49E-02	1.74E-04	1.36E-02	2.71E-04	**2.89E-02**				7.96E-03	1.69E-04	9.49E-05	3.01E-04	**8.53E-03**				9.18E-03	2.05E-04	0.00E+00	4.24E-04	**9.81E-03**			
558345.174160532	558345	4160533	WRKR_423	3.82E-02	1.32E-04	3.08E-02	2.63E-04	**6.95E-02**				1.70E-02	1.87E-04	1.58E-02	2.94E-04	**3.33E-02**				9.09E-03	1.81E-04	1.10E-04	3.25E-04	**9.71E-03**				1.05E-02	2.20E-04	0.00E+00	4.58E-04	**1.12E-02**			
558355.174160362	558355	4160363	WRKR_424	7.41E-03	6.25E-05	5.64E-03	1.21E-04	**1.32E-02**				3.30E-03	8.86E-05	2.89E-03	1.35E-04	**6.41E-03**				1.76E-03	8.57E-05	2.02E-05	1.50E-04	**2.02E-03**				2.03E-03	1.04E-04	0.00E+00	2.11E-04	**2.35E-03**			
558355.174160372	558355	4160373	WRKR_425	7.89E-03	6.46E-05	5.99E-03	1.25E-04	**1.41E-02**				3.51E-03	9.16E-05	3.07E-03	1.40E-04	**6.81E-03**				1.88E-03	8.87E-05	2.15E-05	1.55E-04	**2.14E-03**				2.16E-03	1.08E-04	0.00E+00	2.18E-04	**2.49E-03**			
558355.174160382	558355	4160383	WRKR_426	8.42E-03	6.69E-05	6.38E-03	1.30E-04	**1.50E-02**				3.75E-03	9.48E-05	3.27E-03	1.45E-04	**7.25E-03**				2.00E-03	9.18E-05	2.29E-05	1.61E-04	**2.28E-03**				2.31E-03	1.11E-04	0.00E+00	2.26E-04	**2.65E-03**			
558355.174160392	558355	4160393	WRKR_427	9.01E-03	6.93E-05	6.81E-03	1.34E-04	**1.60E-02**				4.01E-03	9.83E-05	3.49E-03	1.50E-04	**7.75E-03**				2.14E-03	9.52E-05	2.44E-05	1.67E-04	**2.43E-03**				2.47E-03	1.16E-04	0.00E+00	2.34E-04	**2.82E-03**			
558355.174160402	558355	4160403	WRKR_428	9.68E-03	7.18E-05	7.29E-03	1.39E-04	**1.72E-02**				4.31E-03	1.02E-04	3.74E-03	1.56E-04	**8.30E-03**				2.30E-03	9.85E-05	2.61E-05	1.72E-04	**2.60E-03**				2.65E-03	1.20E-04	0.00E+00	2.43E-04	**3.02E-03**			
558355.174160412	558355	4160413	WRKR_429	1.04E-02	7.44E-05	7.84E-03	1.44E-04	**1.85E-02**				4.64E-03	1.06E-04	4.02E-03	1.62E-04	**8.92E-03**				2.48E-03	1.02E-04	2.81E-05	1.79E-04	**2.79E-03**				2.86E-03	1.24E-04	0.00E+00	2.52E-04	**3.24E-03**			
558355.174160422	558355	4160423	WRKR_430	1.13E-02	7.73E-05	8.47E-03	1.50E-04	**2.00E-02**				5.02E-03	1.10E-04	4.34E-03	1.68E-04	**9.63E-03**				2.68E-03	1.06E-04	3.03E-05	1.86E-04	**3.00E-03**				3.09E-03	1.29E-04	0.00E+00	2.62E-04	**3.48E-03**			
558355.174160432	558355	4160433	WRKR_431	1.22E-02	8.04E-05	9.17E-03	1.56E-04	**2.17E-02**				5.45E-03	1.14E-04	4.70E-03	1.74E-04	**1.04E-02**				2.91E-03	1.10E-04	3.29E-05	1.93E-04	**3.25E-03**				3.36E-03	1.34E-04	0.00E+00	2.72E-04	**3.77E-03**			
558355.174160442	558355	4160443	WRKR_432	1.34E-02	8.36E-05	9.99E-03	1.62E-04	**2.36E-02**				5.95E-03	1.19E-04	5.12E-03	1.82E-04	**1.14E-02**				3.18E-03	1.15E-04	3.58E-05	2.01E-04	**3.53E-03**				3.67E-03	1.39E-04	0.00E+00	2.83E-04	**4.09E-03**			
558355.174160452	558355	4160453	WRKR_433	1.47E-02	8.73E-05	1.10E-02	1.70E-04	**2.59E-02**				6.52E-03	1.24E-04	5.61E-03	1.90E-04	**1.24E-02**				3.49E-03	1.20E-04	3.92E-05	2.10E-04	**3.86E-03**				4.02E-03	1.46E-04	0.00E+00	2.96E-04	**4.46E-03**			
558355.174160462	558355	4160463	WRKR_434	1.61E-02	9.15E-05	1.21E-02	1.78E-04	**2.85E-02**				7.19E-03	1.30E-04	6.20E-03	1.99E-04	**1.37E-02**				3.84E-03	1.26E-04	4.33E-05	2.20E-04	**4.23E-03**				4.43E-03	1.52E-04	0.00E+00	3.10E-04	**4.89E-03**			
558355.174160472	558355	4160473	WRKR_435	1.79E-02	9.60E-05	1.35E-02	1.87E-04	**3.16E-02**				7.96E-03	1.36E-04	6.90E-03	2.09E-04	**1.52E-02**				4.25E-03	1.32E-04	4.82E-05	2.32E-04	**4.67E-03**				4.90E-03	1.60E-04	0.00E+00	3.26E-04	**5.39E-03**			
558355.174160482	558355	4160483	WRKR_436	1.99E-02	1.01E-04	1.51E-02	1.97E-04	**3.53E-02**				8.86E-03	1.43E-04	7.73E-03	2.20E-04	**1.70E-02**				4.74E-03	1.39E-04	5.41E-05	2.44E-04	**5.17E-03**				5.46E-03	1.68E-04	0.00E+00	3.43E-04	**5.97E-03**			
558355.174160492	558355	4160493	WRKR_437	2.23E-02	1.07E-04	1.71E-02	2.09E-04	**3.97E-02**				9.94E-03	1.51E-04	8.74E-03	2.33E-04	**1.91E-02**				5.31E-03	1.46E-04	6.11E-05	2.58E-04	**5.78E-03**				6.12E-03	1.78E-04	0.00E+00	3.64E-04	**6.67E-03**			
558355.174160502	558355	4160503	WRKR_438	2.52E-02	1.13E-04	1.94E-02	2.22E-04	**4.50E-02**				1.12E-02	1.61E-04	9.96E-03	2.48E-04	**2.16E-02**				5.99E-03	1.55E-04	6.97E-05	2.75E-04	**6.49E-03**				6.91E-03	1.89E-04	0.00E+00	3.87E-04	**7.48E-03**			
558355.174160512	558355	4160513	WRKR_439	2.86E-02	1.21E-04	2.23E-02	2.38E-04	**5.12E-02**				1.27E-02	1.71E-04	1.14E-02	2.66E-04	**2.46E-02**				6.79E-03	1.66E-04	8.00E-05

Annual PM2.5

				AG	AH	AL	AJ		E AG	G AH	F AL	H AJ						E	G	F	H	
				Year 1 Project Concentrations (µg/m³)					**Year 2 Project Concentrations (µg/m³)**					**Year 3 Project Concentrations (µg/m³)**					**Year 4 Project Concentrations (µg/m³)**				
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**
558365.174160412	558365	4160413	WRKR_447	1.01E-02	7.77E-05	7.55E-03	1.51E-04	**1.79E-02**	4.50E-03	1.10E-04	3.87E-03	1.68E-04	**8.65E-03**	2.41E-03	1.07E-04	2.71E-05	1.87E-04	**2.73E-03**	2.78E-03	1.29E-04	0.00E+00	2.63E-04	**3.17E-03**
558365.174160422	558365	4160423	WRKR_448	1.10E-02	8.06E-05	8.15E-03	1.56E-04	**1.93E-02**	4.88E-03	1.14E-04	4.18E-03	1.75E-04	**9.34E-03**	2.61E-03	1.11E-04	2.92E-05	1.94E-04	**2.94E-03**	3.00E-03	1.34E-04	0.00E+00	2.73E-04	**3.41E-03**
558365.174160432	558365	4160433	WRKR_449	1.19E-02	8.38E-05	8.84E-03	1.63E-04	**2.10E-02**	5.30E-03	1.19E-04	4.53E-03	1.82E-04	**1.01E-02**	2.83E-03	1.15E-04	3.17E-05	2.01E-04	**3.18E-03**	3.27E-03	1.40E-04	0.00E+00	2.84E-04	**3.69E-03**
558365.174160442	558365	4160443	WRKR_450	1.30E-02	8.73E-05	9.65E-03	1.69E-04	**2.29E-02**	5.79E-03	1.24E-04	4.94E-03	1.89E-04	**1.10E-02**	3.09E-03	1.20E-04	3.46E-05	2.10E-04	**3.46E-03**	3.57E-03	1.45E-04	0.00E+00	2.95E-04	**4.01E-03**
558365.174160452	558365	4160453	WRKR_451	1.43E-02	9.13E-05	1.06E-02	1.77E-04	**2.51E-02**	6.35E-03	1.29E-04	5.43E-03	1.98E-04	**1.21E-02**	3.39E-03	1.25E-04	3.80E-05	2.20E-04	**3.78E-03**	3.91E-03	1.52E-04	0.00E+00	3.09E-04	**4.37E-03**
558365.174160462	558365	4160463	WRKR_452	1.57E-02	9.56E-05	1.17E-02	1.86E-04	**2.77E-02**	7.00E-03	1.36E-04	6.01E-03	2.08E-04	**1.34E-02**	3.74E-03	1.31E-04	4.20E-05	2.30E-04	**4.15E-03**	4.31E-03	1.59E-04	0.00E+00	3.24E-04	**4.80E-03**
558365.174160472	558365	4160473	WRKR_453	1.74E-02	1.00E-04	1.31E-02	1.95E-04	**3.08E-02**	7.77E-03	1.42E-04	6.69E-03	2.18E-04	**1.48E-02**	4.15E-03	1.38E-04	4.68E-05	2.42E-04	**4.58E-03**	4.79E-03	1.67E-04	0.00E+00	3.41E-04	**5.29E-03**
558365.174160482	558365	4160483	WRKR_454	1.94E-02	1.06E-04	1.47E-02	2.06E-04	**3.44E-02**	8.65E-03	1.50E-04	7.52E-03	2.30E-04	**1.66E-02**	4.62E-03	1.45E-04	5.26E-05	2.55E-04	**5.08E-03**	5.33E-03	1.76E-04	0.00E+00	3.59E-04	**5.87E-03**
558365.174160492	558365	4160493	WRKR_455	2.18E-02	1.12E-04	1.66E-02	2.18E-04	**3.87E-02**	9.70E-03	1.58E-04	8.51E-03	2.44E-04	**1.86E-02**	5.18E-03	1.53E-04	5.95E-05	2.70E-04	**5.66E-03**	5.97E-03	1.86E-04	0.00E+00	3.81E-04	**6.54E-03**
558365.174160502	558365	4160503	WRKR_456	2.45E-02	1.19E-04	1.89E-02	2.33E-04	**4.38E-02**	1.09E-02	1.68E-04	9.70E-03	2.60E-04	**2.11E-02**	5.84E-03	1.63E-04	6.79E-05	2.88E-04	**6.36E-03**	6.73E-03	1.98E-04	0.00E+00	4.06E-04	**7.33E-03**
558365.174160512	558365	4160513	WRKR_457	2.78E-02	1.27E-04	2.17E-02	2.49E-04	**4.99E-02**	1.24E-02	1.80E-04	1.11E-02	2.79E-04	**2.39E-02**	6.60E-03	1.74E-04	7.79E-05	3.09E-04	**7.16E-03**	7.61E-03	2.11E-04	0.00E+00	4.35E-04	**8.26E-03**
558365.174160522	558365	4160523	WRKR_458	3.15E-02	1.36E-04	2.51E-02	2.70E-04	**5.69E-02**	1.40E-02	1.93E-04	1.28E-02	3.01E-04	**2.73E-02**	7.49E-03	1.87E-04	8.98E-05	3.34E-04	**8.10E-03**	8.64E-03	2.27E-04	0.00E+00	4.70E-04	**9.33E-03**
558365.174160532	558365	4160533	WRKR_459	3.58E-02	1.48E-04	2.90E-02	2.94E-04	**6.53E-02**	1.60E-02	2.10E-04	1.48E-02	3.29E-04	**3.13E-02**	8.53E-03	2.03E-04	1.04E-04	3.65E-04	**9.20E-03**	9.83E-03	2.46E-04	0.00E+00	5.13E-04	**1.06E-02**
558375.174160362	558375	4160363	WRKR_460	6.97E-03	6.78E-05	5.24E-03	1.31E-04	**1.24E-02**	3.10E-03	9.61E-05	2.68E-03	1.47E-04	**6.03E-03**	1.66E-03	9.31E-05	1.88E-05	1.62E-04	**1.93E-03**	1.91E-03	1.13E-04	0.00E+00	2.29E-04	**2.25E-03**
558375.174160372	558375	4160373	WRKR_461	7.42E-03	7.03E-05	5.56E-03	1.36E-04	**1.32E-02**	3.30E-03	9.96E-05	2.85E-03	1.52E-04	**6.41E-03**	1.77E-03	9.64E-05	1.99E-05	1.68E-04	**2.05E-03**	2.04E-03	1.17E-04	0.00E+00	2.37E-04	**2.39E-03**
558375.174160382	558375	4160383	WRKR_462	7.93E-03	7.28E-05	5.93E-03	1.41E-04	**1.41E-02**	3.53E-03	1.03E-04	3.03E-03	1.58E-04	**6.82E-03**	1.89E-03	9.99E-05	2.12E-05	1.75E-04	**2.18E-03**	2.17E-03	1.21E-04	0.00E+00	2.46E-04	**2.54E-03**
558375.174160392	558375	4160393	WRKR_463	8.49E-03	7.52E-05	6.32E-03	1.46E-04	**1.50E-02**	3.78E-03	1.07E-04	3.24E-03	1.63E-04	**7.29E-03**	2.02E-03	1.03E-04	2.27E-05	1.80E-04	**2.33E-03**	2.33E-03	1.25E-04	0.00E+00	2.54E-04	**2.71E-03**
558375.174160402	558375	4160403	WRKR_464	9.13E-03	7.80E-05	6.78E-03	1.51E-04	**1.61E-02**	4.06E-03	1.11E-04	3.47E-03	1.69E-04	**7.82E-03**	2.17E-03	1.07E-04	2.43E-05	1.87E-04	**2.49E-03**	2.50E-03	1.30E-04	0.00E+00	2.64E-04	**2.90E-03**
558375.174160412	558375	4160413	WRKR_465	9.85E-03	8.10E-05	7.30E-03	1.57E-04	**1.74E-02**	4.38E-03	1.15E-04	3.74E-03	1.76E-04	**8.41E-03**	2.34E-03	1.11E-04	2.61E-05	1.95E-04	**2.67E-03**	2.70E-03	1.35E-04	0.00E+00	2.74E-04	**3.11E-03**
558375.174160422	558375	4160423	WRKR_466	1.07E-02	8.41E-05	7.89E-03	1.63E-04	**1.88E-02**	4.75E-03	1.19E-04	4.04E-03	1.82E-04	**9.09E-03**	2.54E-03	1.15E-04	2.83E-05	2.02E-04	**2.88E-03**	2.93E-03	1.40E-04	0.00E+00	2.85E-04	**3.35E-03**
558375.174160432	558375	4160433	WRKR_467	1.16E-02	8.75E-05	8.57E-03	1.70E-04	**2.04E-02**	5.17E-03	1.24E-04	4.39E-03	1.90E-04	**9.87E-03**	2.76E-03	1.20E-04	3.07E-05	2.10E-04	**3.12E-03**	3.18E-03	1.46E-04	0.00E+00	2.96E-04	**3.62E-03**
558375.174160442	558375	4160443	WRKR_468	1.27E-02	9.12E-05	9.36E-03	1.77E-04	**2.23E-02**	5.65E-03	1.29E-04	4.80E-03	1.98E-04	**1.08E-02**	3.02E-03	1.25E-04	3.35E-05	2.19E-04	**3.39E-03**	3.48E-03	1.52E-04	0.00E+00	3.09E-04	**3.94E-03**
558375.174160452	558375	4160453	WRKR_469	1.39E-02	9.53E-05	1.03E-02	1.85E-04	**2.45E-02**	6.20E-03	1.35E-04	5.28E-03	2.07E-04	**1.18E-02**	3.31E-03	1.31E-04	3.69E-05	2.29E-04	**3.71E-03**	3.82E-03	1.59E-04	0.00E+00	3.23E-04	**4.30E-03**
558375.174160462	558375	4160463	WRKR_470	1.54E-02	9.98E-05	1.14E-02	1.94E-04	**2.71E-02**	6.84E-03	1.41E-04	5.85E-03	2.17E-04	**1.30E-02**	3.65E-03	1.37E-04	4.09E-05	2.40E-04	**4.07E-03**	4.21E-03	1.66E-04	0.00E+00	3.38E-04	**4.72E-03**
558375.174160472	558375	4160473	WRKR_471	1.70E-02	1.05E-04	1.27E-02	2.04E-04	**3.01E-02**	7.59E-03	1.49E-04	6.52E-03	2.28E-04	**1.45E-02**	4.05E-03	1.44E-04	4.56E-05	2.52E-04	**4.50E-03**	4.67E-03	1.75E-04	0.00E+00	3.55E-04	**5.20E-03**
558375.174160482	558375	4160483	WRKR_472	1.90E-02	1.10E-04	1.43E-02	2.15E-04	**3.36E-02**	8.46E-03	1.56E-04	7.34E-03	2.40E-04	**1.62E-02**	4.52E-03	1.51E-04	5.13E-05	2.66E-04	**4.99E-03**	5.21E-03	1.84E-04	0.00E+00	3.75E-04	**5.77E-03**
558375.174160492	558375	4160493	WRKR_473	2.13E-02	1.17E-04	1.62E-02	2.28E-04	**3.78E-02**	9.47E-03	1.66E-04	8.31E-03	2.55E-04	**1.82E-02**	5.06E-03	1.60E-04	5.81E-05	2.82E-04	**5.56E-03**	5.83E-03	1.95E-04	0.00E+00	3.98E-04	**6.43E-03**
558375.174160502	558375	4160503	WRKR_474	2.39E-02	1.24E-04	1.85E-02	2.43E-04	**4.28E-02**	1.06E-02	1.76E-04	9.46E-03	2.72E-04	**2.06E-02**	5.69E-03	1.70E-04	6.62E-05	3.01E-04	**6.23E-03**	6.56E-03	2.07E-04	0.00E+00	4.24E-04	**7.19E-03**
558375.174160512	558375	4160513	WRKR_475	2.70E-02	1.33E-04	2.11E-02	2.61E-04	**4.85E-02**	1.20E-02	1.88E-04	1.08E-02	2.92E-04	**2.33E-02**	6.42E-03	1.82E-04	7.58E-05	3.23E-04	**7.00E-03**	7.40E-03	2.21E-04	0.00E+00	4.55E-04	**8.08E-03**
558375.174160522	558375	4160523	WRKR_476	3.05E-02	1.43E-04	2.43E-02	2.83E-04	**5.52E-02**	1.36E-02	2.03E-04	1.24E-02	3.16E-04	**2.65E-02**	7.26E-03	1.96E-04	8.70E-05	3.50E-04	**7.89E-03**	8.37E-03	2.38E-04	0.00E+00	4.93E-04	**9.10E-03**
558375.174160532	558375	4160533	WRKR_477	3.46E-02	1.55E-04	2.79E-02	3.09E-04	**6.30E-02**	1.54E-02	2.20E-04	1.43E-02	3.45E-04	**3.03E-02**	8.23E-03	2.13E-04	1.00E-04	3.83E-04	**8.93E-03**	9.49E-03	2.59E-04	0.00E+00	5.39E-04	**1.03E-02**
558385.174160362	558385	4160363	WRKR_478	6.78E-03	7.07E-05	5.08E-03	1.37E-04	**1.21E-02**	3.02E-03	1.00E-04	2.60E-03	1.53E-04	**5.87E-03**	1.61E-03	9.71E-05	1.82E-05	1.69E-04	**1.90E-03**	1.86E-03	1.18E-04	0.00E+00	2.39E-04	**2.22E-03**
558385.174160372	558385	4160373	WRKR_479	7.22E-03	7.34E-05	5.39E-03	1.42E-04	**1.28E-02**	3.22E-03	1.04E-04	2.76E-03	1.59E-04	**6.24E-03**	1.72E-03	1.01E-04	1.93E-05	1.76E-04	**2.01E-03**	1.98E-03	1.22E-04	0.00E+00	2.48E-04	**2.35E-03**
558385.174160382	558385	4160383	WRKR_480	7.72E-03	7.60E-05	5.75E-03	1.47E-04	**1.37E-02**	3.44E-03	1.08E-04	2.94E-03	1.65E-04	**6.65E-03**	1.84E-03	1.04E-04	2.06E-05	1.83E-04	**2.14E-03**	2.12E-03	1.27E-04	0.00E+00	2.57E-04	**2.50E-03**
558385.174160392	558385	4160393	WRKR_481	8.28E-03	7.83E-05	6.13E-03	1.52E-04	**1.46E-02**	3.68E-03	1.11E-04	3.14E-03	1.70E-04	**7.10E-03**	1.97E-03	1.08E-04	2.20E-05	1.88E-04	**2.29E-03**	2.27E-03	1.31E-04	0.00E+00	2.65E-04	**2.67E-03**
558385.174160402	558385	4160403	WRKR_482	8.90E-03	8.13E-05	6.57E-03	1.58E-04	**1.57E-02**	3.96E-03	1.15E-04	3.37E-03	1.76E-04	**7.62E-03**	2.12E-03	1.12E-04	2.36E-05	1.95E-04	**2.45E-03**	2.44E-03	1.36E-04	0.00E+00	2.75E-04	**2.85E-03**
558385.174160412	558385	4160413	WRKR_483	9.61E-03	8.45E-05	7.08E-03	1.64E-04	**1.69E-02**	4.28E-03	1.20E-04	3.63E-03	1.83E-04	**8.21E-03**	2.29E-03	1.16E-04	2.54E-05	2.03E-04	**2.63E-03**	2.64E-03	1.41E-04	0.00E+00	2.86E-04	**3.06E-03**
558385.174160422	558385	4160423	WRKR_484	1.04E-02	8.78E-05	7.67E-03	1.70E-04	**1.83E-02**	4.64E-03	1.24E-04	3.93E-03	1.90E-04	**8.88E-03**	2.48E-03	1.20E-04	2.75E-05	2.11E-04	**2.84E-03**	2.86E-03	1.46E-04	0.00E+00	2.97E-04	**3.30E-03**
558385.174160432	558385	4160433	WRKR_485	1.13E-02	9.13E-05	8.34E-03	1.77E-04	**2.00E-02**	5.05E-03	1.29E-04	4.27E-03	1.98E-04	**9.65E-03**	2.70E-03	1.25E-04	2.99E-05	2.19E-04	**3.07E-03**	3.11E-03	1.52E-04	0.00E+00	3.09E-04	**3.57E-03**
558385.174160442	558385	4160443	WRKR_486	1.24E-02	9.52E-05	9.14E-03	1.85E-04	**2.18E-02**	5.52E-03	1.35E-04	4.68E-03	2.06E-04	**1.05E-02**	2.95E-03	1.31E-04	3.27E-05	2.29E-04	**3.34E-03**	3.40E-03	1.59E-04	0.00E+00	3.22E-04	**3.88E-03**
558385.174160452	558385	4160453	WRKR_487	1.36E-02	9.95E-05	1.01E-02	1.93E-04	**2.40E-02**	6.07E-03	1.41E-04	5.16E-03	2.16E-04	**1.16E-02**	3.24E-03	1.37E-04	3.61E-05	2.39E-04	**3.65E-03**	3.74E-03	1.66E-04	0.00E+00	3.37E-04	**4.24E-03**
558385.174160462	558385	4160463	WRKR_488	1.50E-02	1.04E-04	1.12E-02	2.02E-04	**2.65E-02**	6.70E-03	1.48E-04	5.72E-03	2.26E-04	**1.28E-02**	3.58E-03	1.43E-04	4.00E-05	2.50E-04	**4.01E-03**	4.13E-03	1.73E-04	0.00E+00	3.53E-04	**4.65E-03**
558385.174160472	558385	4160473	WRKR_489	1.67E-02	1.09E-04	1.25E-02	2.12E-04	**2.95E-02**	7.43E-03	1.55E-04	6.39E-03	2.38E-04	**1.42E-02**	3.97E-03	1.50E-04	4.47E-05	2.63E-04	**4.43E-03**	4.58E-03	1.82E-04	0.00E+00	3.71E-04	**5.13E-03**
558385.174160482	558385	4160483	WRKR_490	1.86E-02	1.15E-04	1.40E-02	2.24E-04	**3.30E-02**	8.27E-03	1.63E-04	7.19E-03	2.51E-04	**1.59E-02**	4.42E-03	1.58E-04	5.03E-05	2.78E-04	**4.91E-03**	5.10E-03	1.92E-04	0.00E+00	3.91E-04	**5.68E-03**
558385.174160492	558385	4160493	WRKR_491	2.08E-02	1.22E-04	1.59E-02	2.38E-04	**3.70E-02**	9.25E-03	1.73E-04	8.13E-03	2.66E-04	**1.78E-02**	4.94E-03	1.67E-04	5.69E-05	2.95E-04	**5.46E-03**	5.70E-03	2.03E-04	0.00E+00	4.15E-04	**6.32E-03**
558385.174160502	558385	4160503	WRKR_492	2.33E-02	1.30E-04	1.81E-02	2.54E-04	**4.18E-02**	1.04E-02	1.84E-04	9.25E-03	2.84E-04	**2.01E-02**	5.55E-03	1.78E-04	6.47E-05	3.14E-04	**6.11E-03**	6.40E-03	2.16E-04	0.00E+00	4.43E-04	**7.06E-03**
558385.174160512	558385	4160513	WRKR_493	2.62E-02	1.39E-04	2.06E-02	2.73E-04	**4.73E-02**	1.17E-02	1.97E-04	1.06E-02	3.05E-04	**2.27E-02**	6.24E-03	1.90E-04	7.38E-05	3.38E-04	**6.84E-03**	7.20E-03	2.31E-04	0.00E+00	4.76E-04	**7.91E-03**
558385.174160522	558385	4160523	WRKR_494	2.96E-02	1.50E-04	2.36E-02	2.95E-04	**5.36E-02**	1.32E-02	2.12E-04	1.21E-02	3.30E-04	**2.58E-02**	7.04E-03	2.05E-04	8.44E-05	3.66E-04	**7.69E-03**	8.11E-03	2.49E-04	0.00E+00	5.15E-04	**8.88E-03**
558385.174160532	558385	4160533	WRKR_495	3.34E-02	1.63E-04	2.70E-02	3.23E-04	**6.08E-02**	1.49E-02	2.31E-04	1.38E-02	3.61E-04	**2.93E-02**	7.95E-03	2.23E-04	9.66E-05	4.01E-04	**8.67E-03**	9.16E-03	2.71E-04	0.00E+00	5.64E-04	**1.00E-02**
558395.174160362	558395	4160363	WRKR_496	6.62E-03	7.37E-05	4.93E-03	1.43E-04	**1.18E-02**	2.95E-03	1.05E-04	2.53E-03	1.59E-04	**5.74E-03**	1.57E-03	1.01E-04	1.77E-05	1.77E-04	**1.87E-03**	1.82E-03	1.23E-04	0.00E+00	2.49E-04	**2.19E-03**
558395.174160372	558395	4160373	WRKR_497	7.05E-03	7.64E-05	5.24E-03	1.48E-04	**1.25E-02**	3.14E-03	1.08E-04	2.68E-03	1.65E-04	**6.10E-03**	1.68E-03	1.05E-04	1.88E-05	1.83E-04	**1.98E-03**	1.93E-03	1.27E-04	0.00E+00	2.58E-04	**2.32E-03**
558395.174160382	558395	4160383	WRKR_498	7.54E-03	7.90E-05	5.58E-03	1.53E-04	**1.34E-02**	3.36E-03	1.12E-04	2.86E-03	1.71E-04	**6.50E-03**	1.79E-03	1.08E-04	2.00E-05	1.90E-04	**2.11E-03**	2.07E-03	1.32E-04	0.00E+00	2.67E-04	**2.47E-03**
558395.174160392	558395	4160393	WRKR_499	8.09E-03	8.18E-05	5.97E-03	1.59E-04	**1.43E-02**	3.60E-03	1.16E-04	3.06E-03	1.77E-04	**6.95E-03**	1.92E-03	1.12E-04	2.14E-05	1.96E-04	**2.25E-03**	2.22E-03	1.36E-04	0.00E+00	2.76E-04	**2.63E-03**
558395.174160402	558395	4160403	WRKR_500	8.71E-03	8.48E-05	6.41E-03	1.64E-04	**1.54E-02**	3.88E-03	1.20E-04	3.28E-03	1.84E-04	**7.46E-03**	2.07E-03	1.16E-04	2.30E-05	2.04E-04	**2.41E-03**	2.39E-03	1.41E-04	0.00E+00	2.87E-04	**2.82E-03**
558395.174160412	558395	4160413	WRKR_501	9.41E-03	8.80E-05	6.91E-03	1.71E-04	**1.66E-02**	4.19E-03	1.25E-04	3.54E-03	1.91E-04	**8.04E-03**	2.24E-03	1.21E-04	2.48E-05	2.11E-04	**2.60E-03**	2.58E-03	1.47E-04	0.00E+00	2.98E-04	**3.03E-03**
558395.174160422	558395	4160423	WRKR_502	1.02E-02	9.14E-05	7.49E-03	1.77E-04	**1.80E-02**	4.55E-03	1.30E-04	3.84E-03	1.98E-04	**8.71E-03**	2.43E-03	1.26E-04	2.68E-05	2.20E-04	**2.80E-03**	2.80E-03	1.52E-04	0.00E+00	3.09E-04	**3.26E-03**
558395.174160432	558395	4160433	WRKR_503	1.11E-02	9.52E-05	8.16E-03	1.85E-04	**1.96E-02**	4.95E-03	1.35E-04	4.18E-03	2.06E-04	**9.48E-03**	2.65E-03	1.31E-04	2.92E-05	2.29E-04	**3.04E-03**	3.05E-03	1.59E-04	0.00E+00	3.22E-04	**3.53E-03**
558395.174160442	558395	4160443	WRKR_504	1.22E-02	9.93E-05	8.95E-03	1.92E-04	**2.14E-02**	5.42E-03	1.41E-04	4.59E-03	2.15E-04	**1.04E-02**	2.90E-03	1.36E-04	3.21E-05	2.38E-04	**3.30E-03**	3.34E-03	1.65E-04	0.00E+00	3.36E-04	**3.84E-03**
558395.174160452	558395	4160453	WRKR_505	1.34E-02	1.04E-04	9.89E-03	2.01E-04	**2.36E-02**	5.96E-03	1.47E-04	5.06E-03	2.25E-04	**1.14E-02**	3.18E-03	1.42E-04	3.54E-05	2.49E-04	**3.61E-03**	3.67E-03	1.73E-04	0.00E+00	3.51E-04	**4.19E-03**
558395.174160462	558395	4160463	WRKR_506	1.48E-02	1.09E-04	1.10E-02	2.11E-04	**2.61E-02**	6.58E-03	1.54E-04	5.63E-03	2.36E-04	**1.26E-02**	3.51E-03	1.49E-04	3.94E-05	2.61E-04	**3.96E-03**	4.05E-03	1.81E-04	0.00E+00	3.68E-04	**4.60E-03**
558395.174160472	558395	4160473	WRKR_507	1.64E-02	1.14E-04	1.23E-02	2.22E-04	**2.90E-02**	7.29E-03	1.62E-04	6.29E-03	2.48E-04	**1.40E-02**	3.90E-03	1.57E-04	4.40E-05	2.75E-04	**4.37E-03**	4.49E-03	1.90E-04	0.00E+00	3.87E-04	**5.07E-03**
558395.174160482	558395	4160483	WRKR_508	1.82E-02	1.20E-04	1.38E-02	2.34E-04	**3.24E-02**	8.12E-03	1.70E-04	7.07E-03	2.61E-04	**1.56E-02**	4.34E-03	1.65E-04	4.95E-05	2.90E-04	**4.84E-03**	5.00E-03	2.00E-04	0.00E+00	4.08E-04	**5.61E-03**
558395.174160492	558395	4160493	WRKR_509	2.04E-02	1.27E-04	1.56E-02	2.48E-04	**3.63E-02**	9.07E-03	1.80E-04	7.99E-03	2.77E-04	**1.75E-02**	4.84E-03	1.75E-04	5.59E-05	3.07E-04	**5.38E-03**	5.59E-03	2.12E-04	0.00E+00	4.33E-04	**6.23E-03**
558395.174160502	558395	4160503	WRKR_510	2.28E-02	1.35E-04	1.77E-02	2.65E-04	**4.09E-02**	1.02E-02	1.92E-04	9.06E-03	2.96E-04	**1.97E-02**	5.42E-03	1.86E-04	6.34E-05	3.28E-04	**6.00E-03**	6.25E-03	2.26E-04	0.00E+00	4.62E-04	**6.94E-03**
558395.174160512	558395	4160513	WRKR_511	2.56E-02	1.45E-04	2.01E-02	2.85E-04	**4.61E-02**	1.14E-02	2.06E-04	1.03E-02	3.18E-04	**2.22E-02**	6.08E-03	1.99E-04	7.21E-05	3.53E-04	**6.70E-03**	7.01E-03	2.42E-04	0.00E+00	4.96E-04	**7.75E-03**
557513.484160678	557513	4160679	HOTEL_1	1.99E-03	5.57E-06	1.59E-03	1.05E-05	**3.60E-03**	8.84E-04	7.90E-06	8.16E-04	1.18E-05	**1.72E-03**	4.73E-04	7.65E-06	5.71E-06	1.31E-05	**4.99E-04**	5.45E-04	9.29E-06	0.00E+00	1.84E-05	**5.73E-04**
557513.484160688	557513	4160689	HOTEL_2	1.98E-03	5.58E-06	1.58E-03	1.05E-05	**3.57E-03**	8.82E-04	7.91E-06	8.08E-04	1.18E-05	**1.71E-03**	4.71E-04	7.65E-06	5.65E-06	1.31E-05	**4.97E-04**	5.43E-04	9.29E-06	0.00E+00	1.84E-05	**5.71E-04**
557513.484160698	557513	4160699	HOTEL_3	1.98E-03	5.58E-06	1.56E-03	1.05E-05	**3.55E-03**	8.79E-04	7.91E-06	8.00E-04	1.18E-05	**1.70E-03**	4.70E-04	7.66E-06	5.59E-06	1.31E-05	**4.96E-04**	5.42E-04	9.30E-06	0.00E+00	1.84E-05	**5.69E-04**
557513.484160708	557513	4160709	HOTEL_4	1.97E-03	5.59E-06	1.55E-03	1.06E-05	**3.53E-03**	8.77E-04	7.92E-06	7.91E-04	1.18E-05	**1.69E-03**	4.69E-04	7.67E-06	5.54E-06	1.31E-05	**4.95E-04**	5.41E-04	9.31E-06	0.00E+00	1.84E-05	**5.68E-04**
557513.484160718	557513	4160719	HOTEL_5	1.97E-03	5.59E-06	1.53E-03	1.06E-05	**3.52E-03**	8.77E-04	7.93E-06	7.84E-04	1.18E-05	**1.68E-03**	4.68E-04	7.67E-06	5.48E-06	1.31E-05	**4.95E-04**	5.40E-04	9.32E-06	0.00E+00	1.85E-05	**5.68E-04**
557513.484160728	557513	4160729	HOTEL_6	1.97E-03	5.60E-06	1.52E-03	1.06E-05	**3.50E-03**	8.76E-04	7.94E-06	7.77E-04	1.19E-05	**1.67E-03**	4.68E-04	7.68E-06	5.43E-06	1.31E-05	**4.94E-04**	5.40E-04	9.33E-06	0.00E+00	1.85E-05	**5.67E-04**
557523.484160678	557523	4160679	HOTEL_7	2.04E-03	5.66E-06	1.64E-03	1.07E-05	**3.69E-03**	9.08E-04	8.03E-06	8.37E-04	1.20E-05	**1.77E-03**	4.85E-04	7.77E-06	5.86E-06	1.33E-05	**5.12E-04**	5.59E-04	9.43E-06	0.00E+00	1.87E-05	**5.88E-04**
557523.484160688	557523	4160689	HOTEL_8	2.03E-03	5.66E-06	1.62E-03	1.07E-05	**3.67E-03**	9.05E-04	8.03E-06	8.29E-04	1.20E-05	**1.75E-03**	4.84E-04	7.77E-06	5.80E-06	1.33E-05	**5.10E-04**	5.58E-04	9.44E-06	0.00E+00	1.87E-05	**5.86E-04**
557523.484160698	557523	4160699	HOTEL_9	2.03E-03	5.67E-06	1.60E-03	1.07E-05	**3.65E-03**	9.03E-04	8.03E-06	8.21E-04	1.20E-05	**1.74E-03**	4.82E-04	7.78E-06	5.74E-06	1.33E-05	**5.09E-04**	5.56E-04	9.44E-06

Annual PM2.5

				AG	AH	AL	AJ	E	G	F	H						E	G	F	H	
				Year 1 Project Concentrations (μg/m³)									**Year 2 Project Concentrations (μg/m³)**								
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**
557533.484160678	557533	4160679	HOTEL_13	2.10E-03	5.75E-06	1.68E-03	1.09E-05	**3.80E-03**	9.34E-04	8.16E-06	8.61E-04	1.22E-05	**1.82E-03**	4.99E-04	7.90E-06	6.02E-06	1.35E-05	**5.26E-04**	5.75E-04	9.59E-06	0.00E+00	1.90E-05	**6.04E-04**
557533.484160688	557533	4160689	HOTEL_14	2.09E-03	5.76E-06	1.67E-03	1.09E-05	**3.77E-03**	9.31E-04	8.16E-06	8.53E-04	1.22E-05	**1.80E-03**	4.98E-04	7.90E-06	5.97E-06	1.35E-05	**5.25E-04**	5.74E-04	9.59E-06	0.00E+00	1.90E-05	**6.02E-04**
557533.484160698	557533	4160699	HOTEL_15	2.09E-03	5.76E-06	1.65E-03	1.09E-05	**3.75E-03**	9.29E-04	8.17E-06	8.44E-04	1.22E-05	**1.79E-03**	4.96E-04	7.90E-06	5.91E-06	1.35E-05	**5.24E-04**	5.72E-04	9.60E-06	0.00E+00	1.90E-05	**6.01E-04**
557533.484160708	557533	4160709	HOTEL_16	2.08E-03	5.76E-06	1.63E-03	1.09E-05	**3.73E-03**	9.27E-04	8.17E-06	8.35E-04	1.22E-05	**1.78E-03**	4.95E-04	7.91E-06	5.84E-06	1.35E-05	**5.22E-04**	5.71E-04	9.60E-06	0.00E+00	1.90E-05	**6.00E-04**
557533.484160718	557533	4160719	HOTEL_17	2.08E-03	5.77E-06	1.62E-03	1.09E-05	**3.71E-03**	9.26E-04	8.18E-06	8.28E-04	1.22E-05	**1.77E-03**	4.95E-04	7.92E-06	5.79E-06	1.35E-05	**5.22E-04**	5.70E-04	9.61E-06	0.00E+00	1.91E-05	**5.99E-04**
557533.484160728	557533	4160729	HOTEL_18	2.08E-03	5.78E-06	1.60E-03	1.10E-05	**3.70E-03**	9.25E-04	8.19E-06	8.21E-04	1.22E-05	**1.77E-03**	4.94E-04	7.93E-06	5.74E-06	1.36E-05	**5.22E-04**	5.70E-04	9.62E-06	0.00E+00	1.91E-05	**5.99E-04**
557543.484160678	557543	4160679	HOTEL_19	2.16E-03	5.85E-06	1.73E-03	1.11E-05	**3.90E-03**	9.61E-04	8.29E-06	8.85E-04	1.24E-05	**1.87E-03**	5.13E-04	8.02E-06	6.19E-06	1.37E-05	**5.41E-04**	5.92E-04	9.74E-06	0.00E+00	1.93E-05	**6.21E-04**
557543.484160688	557543	4160689	HOTEL_20	2.15E-03	5.85E-06	1.71E-03	1.11E-05	**3.88E-03**	9.58E-04	8.29E-06	8.77E-04	1.24E-05	**1.86E-03**	5.12E-04	8.03E-06	6.13E-06	1.37E-05	**5.40E-04**	5.90E-04	9.74E-06	0.00E+00	1.93E-05	**6.19E-04**
557543.484160698	557543	4160699	HOTEL_21	2.15E-03	5.85E-06	1.69E-03	1.11E-05	**3.86E-03**	9.55E-04	8.30E-06	8.68E-04	1.24E-05	**1.84E-03**	5.10E-04	8.03E-06	6.07E-06	1.37E-05	**5.38E-04**	5.88E-04	9.75E-06	0.00E+00	1.93E-05	**6.17E-04**
557543.484160708	557543	4160709	HOTEL_22	2.14E-03	5.86E-06	1.68E-03	1.11E-05	**3.84E-03**	9.54E-04	8.30E-06	8.60E-04	1.24E-05	**1.83E-03**	5.10E-04	8.04E-06	6.01E-06	1.37E-05	**5.37E-04**	5.88E-04	9.76E-06	0.00E+00	1.93E-05	**6.17E-04**
557543.484160718	557543	4160719	HOTEL_23	2.14E-03	5.86E-06	1.66E-03	1.11E-05	**3.82E-03**	9.52E-04	8.31E-06	8.51E-04	1.24E-05	**1.82E-03**	5.09E-04	8.05E-06	5.95E-06	1.38E-05	**5.36E-04**	5.87E-04	9.77E-06	0.00E+00	1.94E-05	**6.16E-04**
557543.484160728	557543	4160729	HOTEL_24	2.14E-03	5.87E-06	1.65E-03	1.11E-05	**3.80E-03**	9.52E-04	8.32E-06	8.44E-04	1.24E-05	**1.82E-03**	5.09E-04	8.06E-06	5.91E-06	1.38E-05	**5.36E-04**	5.87E-04	9.78E-06	0.00E+00	1.94E-05	**6.16E-04**
557553.484160678	557553	4160679	HOTEL_25	2.23E-03	5.95E-06	1.79E-03	1.13E-05	**4.03E-03**	9.93E-04	8.44E-06	9.15E-04	1.26E-05	**1.93E-03**	5.30E-04	8.17E-06	6.40E-06	1.39E-05	**5.59E-04**	6.12E-04	9.92E-06	0.00E+00	1.96E-05	**6.41E-04**
557553.484160688	557553	4160689	HOTEL_26	2.22E-03	5.95E-06	1.77E-03	1.13E-05	**4.01E-03**	9.89E-04	8.44E-06	9.05E-04	1.26E-05	**1.92E-03**	5.28E-04	8.17E-06	6.33E-06	1.39E-05	**5.57E-04**	6.09E-04	9.92E-06	0.00E+00	1.96E-05	**6.39E-04**
557553.484160698	557553	4160699	HOTEL_27	2.22E-03	5.96E-06	1.75E-03	1.13E-05	**3.98E-03**	9.87E-04	8.45E-06	8.97E-04	1.26E-05	**1.90E-03**	5.27E-04	8.18E-06	6.27E-06	1.40E-05	**5.56E-04**	6.08E-04	9.93E-06	0.00E+00	1.97E-05	**6.38E-04**
557553.484160708	557553	4160709	HOTEL_28	2.21E-03	5.96E-06	1.73E-03	1.13E-05	**3.96E-03**	9.85E-04	8.45E-06	8.88E-04	1.26E-05	**1.89E-03**	5.26E-04	8.18E-06	6.21E-06	1.40E-05	**5.55E-04**	6.07E-04	9.93E-06	0.00E+00	1.97E-05	**6.37E-04**
557553.484160718	557553	4160719	HOTEL_29	2.21E-03	5.97E-06	1.72E-03	1.13E-05	**3.94E-03**	9.83E-04	8.46E-06	8.79E-04	1.26E-05	**1.88E-03**	5.25E-04	8.19E-06	6.15E-06	1.40E-05	**5.54E-04**	6.06E-04	9.94E-06	0.00E+00	1.97E-05	**6.35E-04**
557553.484160728	557553	4160729	HOTEL_30	2.21E-03	5.97E-06	1.70E-03	1.13E-05	**3.93E-03**	9.82E-04	8.47E-06	8.71E-04	1.27E-05	**1.87E-03**	5.25E-04	8.20E-06	6.10E-06	1.40E-05	**5.53E-04**	6.05E-04	9.95E-06	0.00E+00	1.98E-05	**6.35E-04**
557563.484160678	557563	4160679	HOTEL_31	2.31E-03	6.06E-06	1.85E-03	1.15E-05	**4.17E-03**	1.03E-03	8.59E-06	9.45E-04	1.28E-05	**1.99E-03**	5.48E-04	8.32E-06	6.61E-06	1.42E-05	**5.77E-04**	6.32E-04	1.01E-05	0.00E+00	2.00E-05	**6.62E-04**
557563.484160688	557563	4160689	HOTEL_32	2.29E-03	6.06E-06	1.83E-03	1.15E-05	**4.14E-03**	1.02E-03	8.59E-06	9.35E-04	1.28E-05	**1.98E-03**	5.46E-04	8.31E-06	6.54E-06	1.42E-05	**5.75E-04**	6.29E-04	1.01E-05	0.00E+00	2.00E-05	**6.59E-04**
557563.484160698	557563	4160699	HOTEL_33	2.29E-03	6.06E-06	1.81E-03	1.15E-05	**4.11E-03**	1.02E-03	8.59E-06	9.25E-04	1.28E-05	**1.96E-03**	5.44E-04	8.32E-06	6.47E-06	1.42E-05	**5.73E-04**	6.27E-04	1.01E-05	0.00E+00	2.00E-05	**6.57E-04**
557563.484160708	557563	4160709	HOTEL_34	2.28E-03	6.06E-06	1.79E-03	1.15E-05	**4.08E-03**	1.02E-03	8.60E-06	9.15E-04	1.28E-05	**1.95E-03**	5.42E-04	8.32E-06	6.40E-06	1.42E-05	**5.71E-04**	6.26E-04	1.01E-05	0.00E+00	2.00E-05	**6.56E-04**
557563.484160718	557563	4160719	HOTEL_35	2.28E-03	6.07E-06	1.77E-03	1.15E-05	**4.06E-03**	1.01E-03	8.60E-06	9.06E-04	1.29E-05	**1.94E-03**	5.41E-04	8.33E-06	6.34E-06	1.42E-05	**5.70E-04**	6.24E-04	1.01E-05	0.00E+00	2.01E-05	**6.54E-04**
557563.484160728	557563	4160729	HOTEL_36	2.28E-03	6.07E-06	1.75E-03	1.15E-05	**4.05E-03**	1.01E-03	8.61E-06	8.99E-04	1.29E-05	**1.93E-03**	5.41E-04	8.33E-06	6.29E-06	1.43E-05	**5.70E-04**	6.24E-04	1.01E-05	0.00E+00	2.01E-05	**6.54E-04**
557573.484160678	557573	4160679	HOTEL_37	2.37E-03	6.16E-06	1.90E-03	1.16E-05	**4.28E-03**	1.05E-03	8.73E-06	9.72E-04	1.30E-05	**2.05E-03**	5.64E-04	8.45E-06	6.80E-06	1.44E-05	**5.93E-04**	6.50E-04	1.03E-05	0.00E+00	2.03E-05	**6.81E-04**
557573.484160688	557573	4160689	HOTEL_38	2.36E-03	6.16E-06	1.88E-03	1.17E-05	**4.26E-03**	1.05E-03	8.73E-06	9.63E-04	1.30E-05	**2.04E-03**	5.62E-04	8.45E-06	6.74E-06	1.44E-05	**5.92E-04**	6.49E-04	1.03E-05	0.00E+00	2.03E-05	**6.79E-04**
557573.484160698	557573	4160699	HOTEL_39	2.36E-03	6.16E-06	1.86E-03	1.17E-05	**4.24E-03**	1.05E-03	8.74E-06	9.53E-04	1.30E-05	**2.02E-03**	5.61E-04	8.46E-06	6.67E-06	1.45E-05	**5.90E-04**	6.47E-04	1.03E-05	0.00E+00	2.03E-05	**6.77E-04**
557573.484160708	557573	4160709	HOTEL_40	2.35E-03	6.17E-06	1.84E-03	1.17E-05	**4.21E-03**	1.05E-03	8.74E-06	9.44E-04	1.31E-05	**2.01E-03**	5.59E-04	8.46E-06	6.60E-06	1.45E-05	**5.89E-04**	6.45E-04	1.03E-05	0.00E+00	2.04E-05	**6.76E-04**
557573.484160718	557573	4160719	HOTEL_41	2.35E-03	6.17E-06	1.82E-03	1.17E-05	**4.19E-03**	1.04E-03	8.75E-06	9.34E-04	1.31E-05	**2.00E-03**	5.58E-04	8.47E-06	6.53E-06	1.45E-05	**5.88E-04**	6.44E-04	1.03E-05	0.00E+00	2.04E-05	**6.74E-04**
557573.484160728	557573	4160729	HOTEL_42	2.35E-03	6.18E-06	1.81E-03	1.17E-05	**4.17E-03**	1.04E-03	8.76E-06	9.27E-04	1.31E-05	**1.99E-03**	5.58E-04	8.48E-06	6.48E-06	1.45E-05	**5.88E-04**	6.43E-04	1.03E-05	0.00E+00	2.05E-05	**6.74E-04**
557583.484160678	557583	4160679	HOTEL_43	2.44E-03	6.26E-06	1.95E-03	1.18E-05	**4.41E-03**	1.09E-03	8.87E-06	1.00E-03	1.32E-05	**2.11E-03**	5.81E-04	8.59E-06	7.00E-06	1.47E-05	**6.11E-04**	6.70E-04	1.04E-05	0.00E+00	2.07E-05	**7.01E-04**
557583.484160688	557583	4160689	HOTEL_44	2.43E-03	6.26E-06	1.93E-03	1.18E-05	**4.39E-03**	1.08E-03	8.88E-06	9.91E-04	1.32E-05	**2.10E-03**	5.79E-04	8.59E-06	6.93E-06	1.47E-05	**6.09E-04**	6.67E-04	1.04E-05	0.00E+00	2.07E-05	**6.99E-04**
557583.484160698	557583	4160699	HOTEL_45	2.43E-03	6.27E-06	1.92E-03	1.19E-05	**4.36E-03**	1.08E-03	8.88E-06	9.82E-04	1.33E-05	**2.09E-03**	5.78E-04	8.60E-06	6.87E-06	1.47E-05	**6.08E-04**	6.66E-04	1.04E-05	0.00E+00	2.07E-05	**6.97E-04**
557583.484160708	557583	4160709	HOTEL_46	2.43E-03	6.27E-06	1.90E-03	1.19E-05	**4.35E-03**	1.08E-03	8.90E-06	9.74E-04	1.33E-05	**2.08E-03**	5.78E-04	8.61E-06	6.81E-06	1.47E-05	**6.08E-04**	6.66E-04	1.05E-05	0.00E+00	2.07E-05	**6.97E-04**
557583.484160718	557583	4160719	HOTEL_47	2.42E-03	6.28E-06	1.88E-03	1.19E-05	**4.32E-03**	1.08E-03	8.90E-06	9.64E-04	1.33E-05	**2.06E-03**	5.76E-04	8.61E-06	6.74E-06	1.48E-05	**6.06E-04**	6.64E-04	1.05E-05	0.00E+00	2.08E-05	**6.95E-04**
557583.484160728	557583	4160729	HOTEL_48	2.42E-03	6.28E-06	1.87E-03	1.19E-05	**4.30E-03**	1.08E-03	8.91E-06	9.56E-04	1.33E-05	**2.05E-03**	5.75E-04	8.62E-06	6.69E-06	1.48E-05	**6.05E-04**	6.63E-04	1.05E-05	0.00E+00	2.08E-05	**6.95E-04**
557593.484160678	557593	4160679	HOTEL_49	2.52E-03	6.37E-06	2.02E-03	1.21E-05	**4.56E-03**	1.12E-03	9.03E-06	1.03E-03	1.35E-05	**2.18E-03**	5.99E-04	8.74E-06	7.23E-06	1.49E-05	**6.30E-04**	6.91E-04	1.06E-05	0.00E+00	2.10E-05	**7.23E-04**
557593.484160688	557593	4160689	HOTEL_50	2.51E-03	6.37E-06	2.00E-03	1.21E-05	**4.53E-03**	1.12E-03	9.03E-06	1.02E-03	1.35E-05	**2.17E-03**	5.98E-04	8.75E-06	7.16E-06	1.49E-05	**6.29E-04**	6.90E-04	1.06E-05	0.00E+00	2.10E-05	**7.21E-04**
557593.484160698	557593	4160699	HOTEL_51	2.51E-03	6.38E-06	1.98E-03	1.21E-05	**4.51E-03**	1.12E-03	9.04E-06	1.01E-03	1.35E-05	**2.15E-03**	5.96E-04	8.75E-06	7.09E-06	1.50E-05	**6.27E-04**	6.88E-04	1.06E-05	0.00E+00	2.11E-05	**7.19E-04**
557593.484160708	557593	4160709	HOTEL_52	2.50E-03	6.38E-06	1.96E-03	1.21E-05	**4.48E-03**	1.11E-03	9.05E-06	1.00E-03	1.35E-05	**2.14E-03**	5.95E-04	8.76E-06	7.03E-06	1.50E-05	**6.26E-04**	6.87E-04	1.06E-05	0.00E+00	2.11E-05	**7.18E-04**
557593.484160718	557593	4160719	HOTEL_53	2.50E-03	6.38E-06	1.94E-03	1.21E-05	**4.46E-03**	1.11E-03	9.05E-06	9.95E-04	1.36E-05	**2.13E-03**	5.94E-04	8.76E-06	6.96E-06	1.50E-05	**6.25E-04**	6.85E-04	1.06E-05	0.00E+00	2.11E-05	**7.17E-04**
557593.484160728	557593	4160729	HOTEL_54	2.50E-03	6.39E-06	1.93E-03	1.22E-05	**4.44E-03**	1.11E-03	9.06E-06	9.87E-04	1.36E-05	**2.12E-03**	5.94E-04	8.77E-06	6.91E-06	1.51E-05	**6.25E-04**	6.85E-04	1.06E-05	0.00E+00	2.12E-05	**7.17E-04**
557603.484160678	557603	4160679	HOTEL_55	2.60E-03	6.48E-06	2.08E-03	1.23E-05	**4.70E-03**	1.16E-03	9.19E-06	1.07E-03	1.37E-05	**2.25E-03**	6.19E-04	8.90E-06	7.46E-06	1.52E-05	**6.51E-04**	7.14E-04	1.08E-05	0.00E+00	2.14E-05	**7.46E-04**
557603.484160688	557603	4160689	HOTEL_56	2.60E-03	6.49E-06	2.07E-03	1.23E-05	**4.68E-03**	1.16E-03	9.20E-06	1.06E-03	1.37E-05	**2.24E-03**	6.18E-04	8.90E-06	7.40E-06	1.52E-05	**6.50E-04**	7.13E-04	1.08E-05	0.00E+00	2.14E-05	**7.45E-04**
557603.484160698	557603	4160699	HOTEL_57	2.59E-03	6.49E-06	2.04E-03	1.23E-05	**4.65E-03**	1.15E-03	9.20E-06	1.05E-03	1.38E-05	**2.22E-03**	6.16E-04	8.91E-06	7.33E-06	1.52E-05	**6.48E-04**	7.11E-04	1.08E-05	0.00E+00	2.15E-05	**7.43E-04**
557603.484160708	557603	4160709	HOTEL_58	2.59E-03	6.49E-06	2.03E-03	1.23E-05	**4.63E-03**	1.15E-03	9.21E-06	1.04E-03	1.38E-05	**2.21E-03**	6.15E-04	8.91E-06	7.26E-06	1.53E-05	**6.46E-04**	7.09E-04	1.08E-05	0.00E+00	2.15E-05	**7.41E-04**
557603.484160718	557603	4160719	HOTEL_59	2.58E-03	6.50E-06	2.01E-03	1.24E-05	**4.61E-03**	1.15E-03	9.22E-06	1.03E-03	1.38E-05	**2.20E-03**	6.15E-04	8.92E-06	7.20E-06	1.53E-05	**6.46E-04**	7.09E-04	1.08E-05	0.00E+00	2.15E-05	**7.41E-04**
557613.484160678	557613	4160679	HOTEL_60	2.70E-03	6.61E-06	2.16E-03	1.25E-05	**4.88E-03**	1.20E-03	9.37E-06	1.11E-03	1.40E-05	**2.33E-03**	6.42E-04	9.07E-06	7.74E-06	1.55E-05	**6.75E-04**	7.41E-04	1.10E-05	0.00E+00	2.18E-05	**7.74E-04**
557613.484160688	557613	4160689	HOTEL_61	2.69E-03	6.61E-06	2.14E-03	1.25E-05	**4.85E-03**	1.20E-03	9.37E-06	1.09E-03	1.40E-05	**2.32E-03**	6.40E-04	9.07E-06	7.66E-06	1.55E-05	**6.72E-04**	7.38E-04	1.10E-05	0.00E+00	2.18E-05	**7.71E-04**
557613.484160698	557613	4160699	HOTEL_62	2.68E-03	6.61E-06	2.12E-03	1.25E-05	**4.81E-03**	1.19E-03	9.37E-06	1.08E-03	1.40E-05	**2.30E-03**	6.38E-04	9.07E-06	7.58E-06	1.55E-05	**6.70E-04**	7.35E-04	1.10E-05	0.00E+00	2.19E-05	**7.68E-04**
557613.484160708	557613	4160709	HOTEL_63	2.68E-03	6.61E-06	2.10E-03	1.26E-05	**4.79E-03**	1.19E-03	9.38E-06	1.07E-03	1.40E-05	**2.29E-03**	6.37E-04	9.08E-06	7.51E-06	1.56E-05	**6.69E-04**	7.34E-04	1.10E-05	0.00E+00	2.19E-05	**7.67E-04**
557623.484160688	557623	4160689	HOTEL_64	2.78E-03	6.73E-06	2.21E-03	1.28E-05	**5.02E-03**	1.24E-03	9.54E-06	1.13E-03	1.43E-05	**2.40E-03**	6.62E-04	9.23E-06	7.92E-06	1.58E-05	**6.95E-04**	7.63E-04	1.12E-05	0.00E+00	2.23E-05	**7.97E-04**
557623.484160698	557623	4160699	HOTEL_65	2.77E-03	6.73E-06	2.19E-03	1.28E-05	**4.98E-03**	1.23E-03	9.54E-06	1.12E-03	1.43E-05	**2.38E-03**	6.60E-04	9.23E-06	7.84E-06	1.58E-05	**6.92E-04**	7.61E-04	1.12E-05	0.00E+00	2.23E-05	**7.94E-04**
557623.484160708	557623	4160709	HOTEL_66	2.77E-03	6.74E-06	2.17E-03	1.28E-05	**4.96E-03**	1.23E-03	9.55E-06	1.11E-03	1.43E-05	**2.37E-03**	6.59E-04	9.24E-06	7.78E-06	1.59E-05	**6.92E-04**	7.60E-04	1.12E-05	0.00E+00	2.23E-05	**7.94E-04**
558477.664160568	558478	4160569	WRKR_512	3.59E-02	3.77E-04	3.04E-02	7.91E-04	**6.74E-02**	1.60E-02	5.34E-04	1.56E-02	8.84E-04	**3.30E-02**	8.54E-03	5.17E-04	1.09E-04	9.80E-04	**1.01E-02**	9.85E-03	6.28E-04	0.00E+00	1.38E-03	**1.19E-02**
558477.664160578	558478	4160579	WRKR_513	3.94E-02	4.36E-04	3.36E-02	9.37E-04	**7.44E-02**	1.75E-02	6.18E-04	1.72E-02	1.05E-03	**3.64E-02**	9.38E-03	5.99E-04	1.20E-04	1.16E-03	**1.13E-02**	1.08E-02	7.27E-04	0.00E+00	1.63E-03	**1.32E-02**
558477.664160588	558478	4160589	WRKR_514	4.33E-02	5.15E-04	3.72E-02	1.15E-03	**8.21E-02**	1.93E-02	7.31E-04	1.91E-02	1.28E-03	**4.03E-02**	1.03E-02	7.07E-04	1.33E-04	1.42E-03	**1.26E-02**	1.19E-02	8.59E-04	0.00E+00	2.00E-03	**1.47E-02**
558477.664160598	558478	4160599	WRKR_515	4.74E-02	6.26E-04	4.13E-02	1.48E-03	**9.07E-02**	2.11E-02	8.87E-04	2.11E-02	1.65E-03	**4.48E-02**	1.13E-02	8.59E-04	1.48E-04	1.83E-03	**1.41E-02**	1.30E-02	1.04E-03	0.00E+00	2.58E-03	**1.66E-02**
558487.664160568	558488	4160569	WRKR_516	3.42E-02	3.92E-04	2.91E-02	8.24E-04	**6.45E-02**	1.52E-02	5.56E-04	1.49E-02	9.21E-04	**3.16E-02**	8.13E-03	5.38E-04	1.04E-04	1.02E-03	**9.79E-03**	9.38E-03	6.53E-04	0.00E+00	1.44E-03	**1.15E-02**
558487.664160578	558488	4160579	WRKR_517	3.73E-02	4.47E-04	3.20E-02	9.60E-04	**7.06E-02**	1.66E-02	6.33E-04	1.64E-02	1.07E-03	**3.47E-02**	8.86E-03	6.13E-04	1.14E-04	1.19E-03	**1.08E-02**	1.02E-02	7.45E-04	0.00E+00	1.67E-03	**1.26E-02**
558487.664160588	558488	4160589	WRKR_518	4.05E-02	5.17E-04	3.51E-02	1.15E-03	**7.73E-02**	1.80E-02	7.33E-04	1.80E-02	1.28E-03	**3.80E-02**	9.64E-03	7.10E-04	1.26E-04	1.42E-03	**1.19E-02**	1.11E-02	8.62E-04	0.00E+00	2.00E-03	**1.40E-02**
558487.664160598	558488	4160599	WRKR_519	4.40E-02	6.15E-04	3.86E-02	1.42E-03	**8.47E-02**	1.96E-02	8.72E-04	1.98E-02	1.59E-03	**4.18E-02**	1.05E-02	8.44E-04	1.38E-04	1.76E-03	**1.32E-02**	1.21E-02	1.03E-03	0.00E+00	2.48E-03	**1.56E-02**
558497.664160568	558498	4160569	WRKR_520	3.30E-02	4.15E-04	2.81E-02	8.79E-04	**6.24E-02**	1.47E-02	5.88E-04	1.44E-02	9.83E-04	**3.07E-02**	7.85E-03	5.70E-04	1.01E-04	1.09E-03	**9.61E-03**	9.05E-03	6.92E-04	0.00E+00	1.53E-03	**1.13E-02**
558497.664160578	558498	4160579	WRKR_521	3.58E-02	4.68E-04	3.08E-02	1.01E-03	**6.80E-02**	1.59E-02	6.63E-04	1.58E-02	1.13E-03	**3.35E-02**	8.50E-03	6.42E-04	1.10E-04	1.25E-03	**1.05E-02**	9.81E-03	7.79E-04	0.00E+00	1.77E-03	**1.24E-02**
558497.664160588	558498	4160589	WRKR_522	3.87E-02	5.38E-04	3.37E-02	1.20E-03	**7.41E-02**	1.72E-02	7.63E-04	1.72E-02	1.34E-03	**3.66E-02**	9.21E-03	7.38E-04	1.21E-04	1.48E-03	**1.15E-02**	1.06E-02	8.97E-04	0.00E+00	2.09E-03	**1.36E-02**
558497.664160598	558498	4160599	WRKR_523	4.17E-02	6.35E-04	3.67E-02	1.46E-03	**8.05E-02**	1.86E-02	9.00E-04	1.88E-02	1.63E-03	**3.99E-02**	9.93E-03	8.71E-04	1.31E-04	1.81E-03	**1.27E-02**	1.14E-02	1.06E-03	0.00E+00	2.55E-03	**1.51E-02**
558507.664160568	558508	4160569	WRKR_524	3.20E-02	4.53E-04	2.74E-02	9.73E-04	**6.09E-02**	1.43E-02	6.42E-04	1.40E-02	1.09E-03	**3.00E-02**	7.62E-03	6.22E-04	9.83E-05	1.21E-03	**9.55E-03**	8.79E-03	7.55E-04	0.00E+00	1.70E-03	**1.12E-02**
558507.664160578	558508	4160579	WRKR_525	3.45E-02	5.04E-04	2.98E-02	1.11E-03	**6.59E-02**	1.54E-02	7.15E-04	1.53E-02	1.24E-03	**3.26E-02**	8.20E-03	6.92E-04	1.07E-04	1.37E-03	**1.04E-02**	9.46E-03	8.40E-04	0.00E+00	1.93E-03	**1.22E-02**
558507.664160588	558508	4160589	WRKR_526	3.72E-02	5.81E-04	3.24E-02	1.32E-03	**7.15E-02**	1.66E-02	8.24E-04	1.66E-02	1.47E-03	**3.55E-02**	8.85E-03	7.98E-04	1.16E-04	1.63E-03	**1.14E-02**	1.02E-02	9.69E-04	0.00E+00	2.29E-03	**1.35E-02**
558507.664160598	558508	4160599	WRKR_527	3.99E-02	6.86E-04	3.51E-02	1.61E-03	**7.72E-02**	1.78E-02	9.73E-04	1.80E-02	1.80E-03	**3.85E-02**	9.49E-03	9.42E-04	1.26E-04	1.99E-03	**1.25E-02**	1.09E-02	1.14E-03	0.00E+00	2.81E-03	**1.49E-02**
558517.664160568	558518	4160569	WRKR_528	3.10E-02	4.97E-04	2.66E-02	1.09E-03	**5.92E-02**	1.38E-02	7.05E-04	1.36E-02	1.22E-03	**2.94E-02**	7.37E-03	6.83E-04	9.54E-05	1.35E-03	**9.50E-03**	8.50E-03	8.29E-04	0.00E+00	1.90E-03	**1.12E-02**
558517.664160578	558518	4160579	WRKR_529	3.32E-02	5.53E-04	2.88E-02	1.24E-03	**6.38E-02**	1.48E-02	7.84E-04	1.47E-02	1.39E-03	**3.17E-02**	7.90E-03	7.59E-04	1.03E-04	1.54E-03	**1.03E-02**	9.11E-03	9.21E-04	0.00E+00	2.17E-03	**1.22E-02**
558517.664160588	558518	4160589	WRKR_530	3.56E-02	6.31E-04	3.11E-02	1.46E-03	**6.87E-02**	1.58E-02	8.95E-04	1.59E-02	1.63E-03	**3.43E-02**	8.46E-03	8.66E-04	1.11E-04	1.81E-03	**1.12E-02**	9.75E-03	1.05E-03	0.00E+00	2.55E-03	**1.34E-02**
558517.664160598	558518	4160599	WRKR_531	3.79E-02	7.48E-04	3.34E-02	1.80E-03	**7.38E-02**	1.69E-02	1.06E-03	1.71E-02	2.01E-03	**3.70E-02**	9.02E-03	1.03E-03	1.20E-04	2.23E-03	**1.24E-02**	1.04E-02	1.25E-03	0.00E+00	3.

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				AG	AH	AL	AJ	E	G	F	H	AG	AH	AL	AJ	E	G	F	H	AG	AH	AL	AJ	E	G	F	H
				Year 1 Project Concentrations (μg/m³)								**Year 2 Project Concentrations (μg/m³)**								**Year 3 Project Concentrations (μg/m³)**								**Year 4 Project Concentrations (μg/m³)**							
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**				**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**				**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**				**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**			
558527.664160598	558528	4160599	WRKR_535	3.60E-02	6.49E-04	3.17E-02	2.08E-03	**7.04E-02**				1.60E-02	9.21E-04	1.62E-02	2.32E-03	**3.55E-02**				8.56E-03	8.91E-04	1.13E-04	2.58E-03	**1.21E-02**				9.87E-03	1.08E-03	0.00E+00	3.63E-03	**1.46E-02**			
558537.664160568	558538	4160569	WRKR_536	2.88E-02	6.31E-04	2.49E-02	1.49E-03	**5.59E-02**				1.28E-02	8.94E-04	1.28E-02	1.67E-03	**2.82E-02**				6.85E-03	8.65E-04	8.93E-05	1.85E-03	**9.66E-03**				7.90E-03	1.05E-03	0.00E+00	2.61E-03	**1.16E-02**			
558537.664160578	558538	4160579	WRKR_537	3.06E-02	7.01E-04	2.67E-02	1.73E-03	**5.97E-02**				1.36E-02	9.94E-04	1.37E-02	1.93E-03	**3.02E-02**				7.28E-03	9.62E-04	9.56E-05	2.14E-03	**1.05E-02**				8.40E-03	1.17E-03	0.00E+00	3.01E-03	**1.26E-02**			
558537.664160588	558538	4160589	WRKR_538	3.24E-02	5.91E-04	2.84E-02	2.05E-03	**6.34E-02**				1.44E-02	8.38E-04	1.45E-02	2.30E-03	**3.21E-02**				7.70E-03	8.11E-04	1.02E-04	2.54E-03	**1.12E-02**				8.88E-03	9.85E-04	0.00E+00	3.58E-03	**1.35E-02**			
558537.664160598	558538	4160599	WRKR_539	3.41E-02	6.59E-04	3.00E-02	1.61E-03	**6.63E-02**				1.52E-02	9.35E-04	1.54E-02	1.80E-03	**3.33E-02**				8.10E-03	9.05E-04	1.07E-04	1.99E-03	**1.11E-02**				9.34E-03	1.10E-03	0.00E+00	2.80E-03	**1.32E-02**			
558547.664160568	558548	4160569	WRKR_540	2.78E-02	7.40E-04	2.41E-02	1.86E-03	**5.44E-02**				1.24E-02	1.05E-03	1.23E-02	2.08E-03	**2.78E-02**				6.60E-03	1.02E-03	8.63E-05	2.31E-03	**1.00E-02**				7.61E-03	1.23E-03	0.00E+00	3.25E-03	**1.21E-02**			
558547.664160578	558548	4160579	WRKR_541	2.93E-02	5.84E-04	2.56E-02	1.40E-03	**5.69E-02**				1.31E-02	8.28E-04	1.31E-02	1.56E-03	**2.86E-02**				6.98E-03	8.02E-04	9.18E-05	1.73E-03	**9.61E-03**				8.05E-03	9.73E-04	0.00E+00	2.44E-03	**1.15E-02**			
558547.664160588	558548	4160589	WRKR_542	3.08E-02	4.39E-04	2.71E-02	9.82E-04	**5.93E-02**				1.37E-02	6.22E-04	1.39E-02	1.10E-03	**2.93E-02**				7.33E-03	6.02E-04	9.69E-05	1.22E-03	**9.25E-03**				8.46E-03	7.31E-04	0.00E+00	1.71E-03	**1.09E-02**			
558557.664160568	558558	4160569	WRKR_543	2.67E-02	4.16E-04	2.33E-02	9.39E-04	**5.14E-02**				1.19E-02	5.90E-04	1.19E-02	1.05E-03	**2.55E-02**				6.36E-03	5.71E-04	8.34E-05	1.16E-03	**8.18E-03**				7.33E-03	6.93E-04	0.00E+00	1.64E-03	**9.66E-03**			
558600.644160569	558601	4160569	WRKR_544	2.26E-02	5.37E-04	1.99E-02	1.31E-03	**4.43E-02**				1.00E-02	7.61E-04	1.02E-02	1.47E-03	**2.25E-02**				5.37E-03	7.37E-04	7.13E-05	1.63E-03	**7.80E-03**				6.19E-03	8.95E-04	0.00E+00	2.29E-03	**9.38E-03**			
558600.644160579	558601	4160579	WRKR_545	2.33E-02	5.48E-04	2.06E-02	1.35E-03	**4.58E-02**				1.04E-02	7.77E-04	1.05E-02	1.51E-03	**2.32E-02**				5.54E-03	7.52E-04	7.37E-05	1.67E-03	**8.04E-03**				6.39E-03	9.14E-04	0.00E+00	2.35E-03	**9.65E-03**			
558600.644160589	558601	4160589	WRKR_546	2.39E-02	6.59E-04	2.11E-02	1.69E-03	**4.74E-02**				1.07E-02	9.34E-04	1.08E-02	1.89E-03	**2.43E-02**				5.69E-03	9.05E-04	7.57E-05	2.10E-03	**8.77E-03**				6.56E-03	1.10E-03	0.00E+00	2.95E-03	**1.06E-02**			
558600.644160599	558601	4160599	WRKR_547	2.45E-02	5.97E-04	2.16E-02	1.47E-03	**4.81E-02**				1.09E-02	8.47E-04	1.10E-02	1.65E-03	**2.44E-02**				5.82E-03	8.20E-04	7.73E-05	1.82E-03	**8.54E-03**				6.71E-03	9.96E-04	0.00E+00	2.57E-03	**1.03E-02**			
558610.644160569	558611	4160569	WRKR_548	2.16E-02	6.46E-04	1.90E-02	1.63E-03	**4.29E-02**				9.61E-03	9.16E-04	9.75E-03	1.82E-03	**2.21E-02**				5.13E-03	8.87E-04	6.82E-05	2.02E-03	**8.11E-03**				5.92E-03	1.08E-03	0.00E+00	2.84E-03	**9.84E-03**			
558610.644160579	558611	4160579	WRKR_549	2.22E-02	5.97E-04	1.96E-02	1.45E-03	**4.38E-02**				9.88E-03	8.47E-04	1.00E-02	1.62E-03	**2.24E-02**				5.28E-03	8.20E-04	7.02E-05	1.80E-03	**7.97E-03**				6.09E-03	9.95E-04	0.00E+00	2.53E-03	**9.62E-03**			
558610.644160589	558611	4160589	WRKR_550	2.27E-02	5.50E-04	2.00E-02	1.30E-03	**4.46E-02**				1.01E-02	7.80E-04	1.03E-02	1.45E-03	**2.26E-02**				5.41E-03	7.55E-04	7.18E-05	1.61E-03	**7.84E-03**				6.23E-03	9.16E-04	0.00E+00	2.26E-03	**9.41E-03**			
558610.644160599	558611	4160599	WRKR_551	2.32E-02	4.99E-04	2.04E-02	1.15E-03	**4.52E-02**				1.03E-02	7.08E-04	1.04E-02	1.28E-03	**2.27E-02**				5.51E-03	6.85E-04	7.30E-05	1.42E-03	**7.69E-03**				6.35E-03	8.32E-04	0.00E+00	2.00E-03	**9.18E-03**			
558620.644160569	558621	4160569	WRKR_552	2.07E-02	5.50E-04	1.82E-02	1.28E-03	**4.07E-02**				9.19E-03	7.81E-04	9.32E-03	1.43E-03	**2.07E-02**				4.91E-03	7.56E-04	6.52E-05	1.58E-03	**7.32E-03**				5.66E-03	9.17E-04	0.00E+00	2.23E-03	**8.81E-03**			
558620.644160579	558621	4160579	WRKR_553	2.12E-02	5.09E-04	1.87E-02	1.16E-03	**4.15E-02**				9.42E-03	7.21E-04	9.55E-03	1.29E-03	**2.10E-02**				5.03E-03	6.98E-04	6.68E-05	1.44E-03	**7.23E-03**				5.80E-03	8.48E-04	0.00E+00	2.02E-03	**8.67E-03**			
558620.644160589	558621	4160589	WRKR_554	2.16E-02	4.70E-04	1.90E-02	1.05E-03	**4.21E-02**				9.62E-03	6.67E-04	9.74E-03	1.17E-03	**2.12E-02**				5.14E-03	6.45E-04	6.81E-05	1.30E-03	**7.16E-03**				5.93E-03	7.84E-04	0.00E+00	1.83E-03	**8.54E-03**			
558620.644160599	558621	4160599	WRKR_555	2.20E-02	4.28E-04	1.93E-02	9.40E-04	**4.26E-02**				9.78E-03	6.07E-04	9.86E-03	1.05E-03	**2.13E-02**				5.23E-03	5.88E-04	6.90E-05	1.16E-03	**7.05E-03**				6.03E-03	7.14E-04	0.00E+00	1.64E-03	**8.38E-03**			
558630.644160569	558631	4160569	WRKR_556	1.97E-02	4.74E-04	1.74E-02	1.05E-03	**3.87E-02**				8.79E-03	6.72E-04	8.91E-03	1.17E-03	**1.95E-02**				4.70E-03	6.51E-04	6.23E-05	1.30E-03	**6.71E-03**				5.42E-03	7.90E-04	0.00E+00	1.83E-03	**8.03E-03**			
558630.644160579	558631	4160579	WRKR_557	2.02E-02	4.41E-04	1.78E-02	9.64E-04	**3.94E-02**				8.99E-03	6.26E-04	9.09E-03	1.08E-03	**1.98E-02**				4.80E-03	6.06E-04	6.36E-05	1.19E-03	**6.67E-03**				5.54E-03	7.35E-04	0.00E+00	1.68E-03	**7.95E-03**			
558630.644160589	558631	4160589	WRKR_558	2.05E-02	4.06E-04	1.80E-02	8.77E-04	**3.99E-02**				9.15E-03	5.76E-04	9.23E-03	9.80E-04	**1.99E-02**				4.89E-03	5.57E-04	6.46E-05	1.09E-03	**6.60E-03**				5.64E-03	6.77E-04	0.00E+00	1.53E-03	**7.84E-03**			
558630.644160599	558631	4160599	WRKR_559	2.08E-02	3.70E-04	1.82E-02	7.88E-04	**4.02E-02**				9.27E-03	5.24E-04	9.33E-03	8.81E-04	**2.00E-02**				4.95E-03	5.07E-04	6.52E-05	9.77E-04	**6.50E-03**				5.71E-03	6.16E-04	0.00E+00	1.37E-03	**7.70E-03**			
558640.644160569	558641	4160569	WRKR_560	1.89E-02	4.13E-04	1.66E-02	8.86E-04	**3.68E-02**				8.40E-03	5.86E-04	8.50E-03	9.90E-04	**1.85E-02**				4.49E-03	5.67E-04	5.95E-05	1.10E-03	**6.21E-03**				5.18E-03	6.89E-04	0.00E+00	1.55E-03	**7.41E-03**			
558640.644160579	558641	4160579	WRKR_561	1.92E-02	3.85E-04	1.69E-02	8.19E-04	**3.73E-02**				8.56E-03	5.46E-04	8.65E-03	9.15E-04	**1.87E-02**				4.58E-03	5.28E-04	6.05E-05	1.01E-03	**6.18E-03**				5.28E-03	6.42E-04	0.00E+00	1.43E-03	**7.35E-03**			
558640.644160589	558641	4160589	WRKR_562	1.95E-02	3.53E-04	1.71E-02	7.46E-04	**3.77E-02**				8.69E-03	5.01E-04	8.76E-03	8.34E-04	**1.88E-02**				4.64E-03	4.85E-04	6.13E-05	9.24E-04	**6.11E-03**				5.35E-03	5.89E-04	0.00E+00	1.30E-03	**7.24E-03**			
558640.644160599	558641	4160599	WRKR_563	1.97E-02	3.22E-04	1.72E-02	6.74E-04	**3.79E-02**				8.78E-03	4.57E-04	8.82E-03	7.53E-04	**1.88E-02**				4.69E-03	4.42E-04	6.17E-05	8.35E-04	**6.03E-03**				5.41E-03	5.37E-04	0.00E+00	1.18E-03	**7.12E-03**			
558650.644160569	558651	4160569	WRKR_564	1.80E-02	3.64E-04	1.58E-02	7.65E-04	**3.50E-02**				8.02E-03	5.16E-04	8.11E-03	8.55E-04	**1.75E-02**				4.29E-03	4.99E-04	5.68E-05	9.47E-04	**5.79E-03**				4.94E-03	6.06E-04	0.00E+00	1.33E-03	**6.88E-03**			
558650.644160579	558651	4160579	WRKR_565	1.83E-02	3.39E-04	1.61E-02	7.08E-04	**3.54E-02**				8.16E-03	4.80E-04	8.23E-03	7.92E-04	**1.77E-02**				4.36E-03	4.65E-04	5.76E-05	8.77E-04	**5.76E-03**				5.03E-03	5.64E-04	0.00E+00	1.24E-03	**6.83E-03**			
558650.644160589	558651	4160589	WRKR_566	1.85E-02	3.12E-04	1.62E-02	6.48E-04	**3.57E-02**				8.26E-03	4.42E-04	8.31E-03	7.24E-04	**1.77E-02**				4.41E-03	4.28E-04	5.81E-05	8.03E-04	**5.70E-03**				5.09E-03	5.19E-04	0.00E+00	1.13E-03	**6.74E-03**			
558650.644160599	558651	4160599	WRKR_567	1.87E-02	2.86E-04	1.63E-02	5.90E-04	**3.59E-02**				8.33E-03	4.05E-04	8.35E-03	6.60E-04	**1.77E-02**				4.45E-03	3.92E-04	5.84E-05	7.31E-04	**5.63E-03**				5.13E-03	4.76E-04	0.00E+00	1.03E-03	**6.64E-03**			
558660.644160569	558661	4160569	WRKR_568	1.72E-02	3.27E-04	1.51E-02	6.77E-04	**3.34E-02**				7.67E-03	4.63E-04	7.75E-03	7.56E-04	**1.66E-02**				4.10E-03	4.48E-04	5.42E-05	8.38E-04	**5.44E-03**				4.73E-03	5.44E-04	0.00E+00	1.18E-03	**6.45E-03**			
558660.644160579	558661	4160579	WRKR_569	1.75E-02	3.04E-04	1.53E-02	6.27E-04	**3.37E-02**				7.78E-03	4.31E-04	7.84E-03	7.01E-04	**1.68E-02**				4.16E-03	4.17E-04	5.48E-05	7.77E-04	**5.41E-03**				4.80E-03	5.07E-04	0.00E+00	1.09E-03	**6.40E-03**			
558660.644160589	558661	4160589	WRKR_570	1.77E-02	2.80E-04	1.54E-02	5.75E-04	**3.39E-02**				7.86E-03	3.97E-04	7.89E-03	6.43E-04	**1.68E-02**				4.20E-03	3.84E-04	5.52E-05	7.12E-04	**5.35E-03**				4.84E-03	4.67E-04	0.00E+00	1.00E-03	**6.31E-03**			
558660.644160599	558661	4160599	WRKR_571	1.78E-02	2.58E-04	1.55E-02	5.28E-04	**3.40E-02**				7.92E-03	3.66E-04	7.92E-03	5.90E-04	**1.68E-02**				4.23E-03	3.55E-04	5.54E-05	6.54E-04	**5.29E-03**				4.88E-03	4.30E-04	0.00E+00	9.20E-04	**6.23E-03**			
558670.644160569	558671	4160569	WRKR_572	1.65E-02	2.95E-04	1.44E-02	6.06E-04	**3.18E-02**				7.34E-03	4.19E-04	7.39E-03	6.77E-04	**1.58E-02**				3.92E-03	4.05E-04	5.17E-05	7.50E-04	**5.13E-03**				4.52E-03	4.92E-04	0.00E+00	1.06E-03	**6.07E-03**			
558670.644160579	558671	4160579	WRKR_573	1.67E-02	2.74E-04	1.46E-02	5.61E-04	**3.21E-02**				7.42E-03	3.89E-04	7.46E-03	6.27E-04	**1.59E-02**				3.97E-03	3.76E-04	5.22E-05	6.95E-04	**5.09E-03**				4.57E-03	4.57E-04	0.00E+00	9.78E-04	**6.01E-03**			
558670.644160589	558671	4160589	WRKR_574	1.68E-02	2.54E-04	1.46E-02	5.17E-04	**3.22E-02**				7.48E-03	3.59E-04	7.49E-03	5.77E-04	**1.59E-02**				4.00E-03	3.48E-04	5.24E-05	6.40E-04	**5.04E-03**				4.61E-03	4.22E-04	0.00E+00	9.01E-04	**5.93E-03**			
558495.44160499.4	558495	4160499	WRKR_575	1.87E-02	2.43E-04	1.52E-02	4.86E-04	**3.46E-02**				8.32E-03	3.44E-04	7.80E-03	5.43E-04	**1.70E-02**				4.45E-03	3.33E-04	5.45E-05	6.02E-04	**5.44E-03**				5.13E-03	4.05E-04	0.00E+00	8.48E-04	**6.38E-03**			
558495.44160509.4	558495	4160509	WRKR_576	2.04E-02	2.57E-04	1.67E-02	5.17E-04	**3.79E-02**				9.07E-03	3.64E-04	8.57E-03	5.78E-04	**1.86E-02**				4.85E-03	3.53E-04	5.99E-05	6.40E-04	**5.90E-03**				5.59E-03	4.28E-04	0.00E+00	9.02E-04	**6.92E-03**			
558495.44160519.4	558495	4160519	WRKR_577	2.22E-02	2.73E-04	1.84E-02	5.52E-04	**4.14E-02**				9.88E-03	3.87E-04	9.41E-03	6.17E-04	**2.03E-02**				5.28E-03	3.75E-04	6.58E-05	6.84E-04	**6.41E-03**				6.09E-03	4.55E-04	0.00E+00	9.63E-04	**7.51E-03**			
558495.44160529.4	558495	4160529	WRKR_578	2.42E-02	2.92E-04	2.01E-02	5.93E-04	**4.52E-02**				1.08E-02	4.13E-04	1.03E-02	6.63E-04	**2.22E-02**				5.76E-03	4.00E-04	7.21E-05	7.35E-04	**6.96E-03**				6.64E-03	4.86E-04	0.00E+00	1.03E-03	**8.16E-03**			
558505.44160499.4	558505	4160499	WRKR_579	1.85E-02	2.69E-04	1.51E-02	5.44E-04	**3.44E-02**				8.22E-03	3.81E-04	7.73E-03	6.08E-04	**1.69E-02**				4.39E-03	3.69E-04	5.40E-05	6.74E-04	**5.49E-03**				5.06E-03	4.48E-04	0.00E+00	9.49E-04	**6.46E-03**			
558505.44160509.4	558505	4160509	WRKR_580	2.01E-02	2.84E-04	1.65E-02	5.78E-04	**3.75E-02**				8.94E-03	4.03E-04	8.47E-03	6.46E-04	**1.85E-02**				4.78E-03	3.90E-04	5.92E-05	7.16E-04	**5.94E-03**				5.51E-03	4.74E-04	0.00E+00	1.01E-03	**6.99E-03**			
558505.44160519.4	558505	4160519	WRKR_581	2.18E-02	3.01E-04	1.81E-02	6.16E-04	**4.09E-02**				9.72E-03	4.27E-04	9.27E-03	6.89E-04	**2.01E-02**				5.19E-03	4.14E-04	6.49E-05	7.63E-04	**6.44E-03**				5.99E-03	5.02E-04	0.00E+00	1.07E-03	**7.57E-03**			
558505.44160529.4	558505	4160529	WRKR_582	2.37E-02	3.21E-04	1.98E-02	6.60E-04	**4.45E-02**				1.06E-02	4.55E-04	1.01E-02	7.38E-04	**2.19E-02**				5.65E-03	4.40E-04	7.10E-05	8.18E-04	**6.97E-03**				6.51E-03	5.35E-04	0.00E+00	1.15E-03	**8.20E-03**			
558515.44160499.4	558515	4160499	WRKR_583	1.82E-02	3.03E-04	1.50E-02	6.20E-04	**3.41E-02**				8.11E-03	4.29E-04	7.66E-03	6.93E-04	**1.69E-02**				4.34E-03	4.15E-04	5.36E-05	7.68E-04	**5.57E-03**				5.00E-03	5.04E-04	0.00E+00	1.08E-03	**6.58E-03**			
558515.44160509.4	558515	4160509	WRKR_584	1.98E-02	3.19E-04	1.64E-02	6.58E-04	**3.71E-02**				8.81E-03	4.53E-04	8.37E-03	7.36E-04	**1.84E-02**				4.71E-03	4.38E-04	5.86E-05	8.15E-04	**6.02E-03**				5.43E-03	5.32E-04	0.00E+00	1.15E-03	**7.11E-03**			
558515.44160519.4	558515	4160519	WRKR_585	2.15E-02	3.37E-04	1.79E-02	7.00E-04	**4.04E-02**				9.55E-03	4.78E-04	9.15E-03	7.82E-04	**2.00E-02**				5.11E-03	4.63E-04	6.40E-05	8.67E-04	**6.50E-03**				5.89E-03	5.62E-04	0.00E+00	1.22E-03	**7.67E-03**			
558515.44160529.4	558515	4160529	WRKR_586	2.33E-02	3.57E-04	1.95E-02	7.47E-04	**4.39E-02**				1.04E-02	5.06E-04	9.98E-03	8.35E-04	**2.17E-02**				5.53E-03	4.90E-04	6.98E-05	9.25E-04	**7.02E-03**				6.38E-03	5.95E-04	0.00E+00	1.30E-03	**8.28E-03**			
558525.44160499.4	558525	4160499	WRKR_587	1.80E-02	3.44E-04	1.48E-02	7.18E-04	**3.39E-02**				8.02E-03	4.88E-04	7.59E-03	8.03E-04	**1.69E-02**				4.28E-03	4.72E-04	5.31E-05	8.90E-04	**5.70E-03**				4.94E-03	5.73E-04	0.00E+00	1.25E-03	**6.77E-03**			
558525.44160509.4	558525	4160509	WRKR_588	1.95E-02	3.63E-04	1.62E-02	7.65E-04	**3.68E-02**				8.68E-03	5.15E-04	8.28E-03	8.55E-04	**1.83E-02**				4.64E-03	4.99E-04	5.79E-05	9.47E-04	**6.14E-03**				5.35E-03	6.06E-04	0.00E+00	1.33E-03	**7.29E-03**			
558525.44160519.4	558525	4160519	WRKR_589	2.11E-02	3.84E-04	1.76E-02	8.13E-04	**3.99E-02**				9.40E-03	5.44E-04	9.02E-03	9.09E-04	**1.99E-02**				5.02E-03	5.26E-04	6.31E-05	1.01E-03	**6.62E-03**				5.79E-03	6.39E-04	0.00E+00	1.42E-03	**7.85E-03**			
558525.44160529.4	558525	4160529	WRKR_590	2.28E-02	4.06E-04	1.92E-02	8.68E-04	**4.33E-02**				1.02E-02	5.75E-04	9.82E-03	9.70E-04	**2.15E-02**				5.43E-03	5.57E-04	6.87E-05	1.07E-03	**7.13E-03**				6.26E-03	6.76E-04	0.00E+00	1.51E-03	**8.45E-03**			
558535.44160499.4	558535	4160499	WRKR_591	1.78E-02	3.99E-04	1.47E-02	8.57E-04	**3.37E-02**				7.91E-03	5.66E-04	7.52E-03	9.58E-04	**1.70E-02**				4.23E-03	5.48E-04	5.26E-05	1.06E-03	**5.89E-03**				4.88E-03	6.65E-04	0.00E+00	1.49E-03	**7.04E-03**			
558535.44160509.4	558535	4160509	WRKR_592	1.92E-02	4.21E-04	1.60E-02	9.14E-04	**3.65E-02**				8.55E-03	5.98E-04	8.18E-03	1.02E-03	**1.84E-02**				4.57E-03	5.78E-04	5.72E-05	1.13E-03	**6.34E-03**				5.27E-03	7.02E-04	0.00E+00	1.59E-03	**7.57E-03**			
558535.44160519.4	558535	4160519	WRKR_593	2.07E-02	4.45E-04	1.74E-02	9.75E-04	**3.95E-02**				9.23E-03	6.31E-04	8.89E-03	1.09E-03	**1.98E-02**				4.93E-03	6.10E-04	6.22E-05	1.21E-03	**6.81E-03**				5.69E-03	7.41E-04	0.00E+00	1.70E-03	**8.13E-03**			
558535.44160529.4	558535	4160529	WRKR_594	2.24E-02	4.69E-04	1.88E-02	1.04E-03	**4.27E-02**				9.96E-03	6.65E-04	9.65E-03	1.16E-03	**2.14E-02**				5.32E-03	6.44E-04	6.75E-05	1.29E-03	**7.32E-03**				6.14E-03	7.81E-04	0.00E+00	1.81E-03	**8.73E-03**			
558545.44160499.4	558545	4160499	WRKR_595	1.76E-02	4.70E-04	1.45E-02	1.05E-03	**3.36E-02**				7.81E-03	6.66E-04	7.44E-03	1.18E-03	**1.71E-02**				4.17E-03	6.45E-04	5.21E-05	1.30E-03	**6.17E-03**				4.81E-03	7.83E-04	0.00E+00	1.83E-03	**7.43E-03**			
558545.44160509.4	558545	4160509	WRKR_596	1.89E-02	4.98E-04	1.58E-02	1.13E-03	**3.63E-02**				8.42E-03	7.06E-04	8.08E-03	1.26E-03	**1.85E-02**				4.50E-03	6.84E-04	5.65E-05	1.40E-03	**6.64E-03**				5.19E-03	8.30E-04	0.00E+00	1.97E-03	**7.99E-03**			
558545.44160519.4	558545	4160519	WRKR_597	2.04E-02	5.26E-04	1.71E-02	1.21E-03	**3.92E-02**				9.07E-03	7.46E-04	8.76E-03	1.35E-03	**1.99E-02**				4.84E-03	7.22E-04	6.13E-05	1.50E-03	**7.13E-03**				5.59E-03	8.76E-04	0.00E+00	2.11E-03	**8.58E-03**			
558545.44160529.4	558545	4160529	WRKR_598	2.19E-02	5.54E-04	1.85E-02	1.29E-03	**4.23E-02**				9.75E-03	7.85E-04	9.48E-03	1.45E-03	**2.15E-02**				5.21E-03	7.60E-04	6.63E-05	1.60E-03	**7.64E-03**				6.01E-03	9.23E-04	0.00E+00	2.26E-03	**9.19E-03**			
558555.44160499.4	558555	4160499	WRKR_599	1.73E-02	5.68E-04	1.44E-02	1.35E-03	**3.36E-02**				7.70E-03	8.05E-04	7.37E-03	1.51E-03	**1.74E-02**				4.12E-03	7.79E-04	5.16E-05	1.68E-03	**6.62E-03**				4.75E-03	9.46E-04	0.00E+00	2.36E-03	**8.05E-03**			
558555.44160509.4	558555	4160509	WRKR_600	1.86E-02	6.02E-04	1.56E-02	1.46E-03	**3.62E-02**				8.28E-03	8.53E-04	7.98E-03	1.64E-03	**1.87E-02**				4.43E-03	8.26E-04	5.58E-05	1.81E-03	**7.12E-03**				5.10E-03	1.00E-03	0.00E+00	2.55E-03	**8.66E-03**			
558555.44160519.4	558555	4160519	WRKR_601	2.00E-02	6.35E-04	1.68E-02	1.57E-03	**3.90E-02**				8.90E-03	9.00E-04	8.62E-03	1.75E-03	**2.02E-02**				4.75E-03	8.71E-04	6.03E-05	1.94E-03	**7.63E-03**				5.48E-03	1.06E-03	0.00E+00	2.74E-03	**9.28E-03**			
558555.44160529.4	558555	4160529	WRKR_602	2.14E-02	6.72E-04	1.82E-02	1.69E-03	**4.19E-02**				9.54E-03	9.52E-04	9.30E-03	1.89E-03	**2.17E-02**				5.10E-03	9.22E-04	6.51E-05	2.09E-03	**8.18E-03**				5.88E-03	1.12E-03	0.00E+00	2.95E-03	**9.94E-03**			
558565.44160499.4	558565	4160499	WRKR_603	1.71E-02	4.92E-04	1.42E-02	1.16E-03	**3.29E-02**				7.59E-03	6.98E-04	7.29E-03	1.29E-03	**1.69E-02**				4.06E-03	6.75E-04	5.10E-05	1.43E-03	**6.22E-03**				4.68E-03	8.20E-04	0.00E+00	2.02E-03	**7.52E-03**			
558565.44160509.4	558565	4160509	WRKR_604	1.83E-02	5.42E-04	1.54E-02	1.32E-03	**3.55E-02**				8.14E-03	7.68E-

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				AG	AH	AL	AJ	E	G	F	H						E	G	F	H	
				Year 1 Project Concentrations (μg/m³)				**Year 2 Project Concentrations (μg/m³)**					**Year 3 Project Concentrations (μg/m³)**				**Year 4 Project Concentrations (μg/m³)**				
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**
558628.984160508	558629	4160509	WRKR_612	1.59E-02	6.57E-04	1.37E-02	1.57E-03	**3.18E-02**	7.06E-03	9.31E-04	7.00E-03	1.76E-03	**1.67E-02**	3.77E-03	9.01E-04	4.90E-05	1.95E-03	**6.67E-03**	4.35E-03	1.09E-03	0.00E+00	2.74E-03	**8.19E-03**
558628.984160518	558629	4160519	WRKR_613	1.66E-02	6.19E-04	1.44E-02	1.45E-03	**3.31E-02**	7.40E-03	8.78E-04	7.38E-03	1.62E-03	**1.73E-02**	3.96E-03	8.50E-04	5.16E-05	1.80E-03	**6.65E-03**	4.56E-03	1.03E-03	0.00E+00	2.53E-03	**8.12E-03**
558628.984160528	558629	4160529	WRKR_614	1.74E-02	5.91E-04	1.51E-02	1.36E-03	**3.45E-02**	7.74E-03	8.38E-04	7.75E-03	1.52E-03	**1.79E-02**	4.13E-03	8.11E-04	5.42E-05	1.69E-03	**6.69E-03**	4.77E-03	9.85E-04	0.00E+00	2.38E-03	**8.13E-03**
558638.984160498	558639	4160499	WRKR_615	1.47E-02	6.17E-04	1.27E-02	1.43E-03	**2.94E-02**	6.56E-03	8.75E-04	6.49E-03	1.60E-03	**1.55E-02**	3.50E-03	8.47E-04	4.54E-05	1.77E-03	**6.16E-03**	4.04E-03	1.03E-03	0.00E+00	2.49E-03	**7.56E-03**
558638.984160508	558639	4160509	WRKR_616	1.54E-02	5.75E-04	1.34E-02	1.30E-03	**3.07E-02**	6.88E-03	8.16E-04	6.84E-03	1.46E-03	**1.60E-02**	3.67E-03	7.90E-04	4.79E-05	1.61E-03	**6.13E-03**	4.24E-03	9.59E-04	0.00E+00	2.27E-03	**7.47E-03**
558638.984160518	558639	4160519	WRKR_617	1.62E-02	5.44E-04	1.40E-02	1.21E-03	**3.19E-02**	7.19E-03	7.71E-04	7.19E-03	1.36E-03	**1.65E-02**	3.84E-03	7.47E-04	5.03E-05	1.50E-03	**6.14E-03**	4.43E-03	9.07E-04	0.00E+00	2.11E-03	**7.45E-03**
558638.984160528	558639	4160529	WRKR_618	1.68E-02	5.19E-04	1.47E-02	1.14E-03	**3.32E-02**	7.49E-03	7.36E-04	7.52E-03	1.28E-03	**1.70E-02**	4.00E-03	7.12E-04	5.26E-05	1.42E-03	**6.18E-03**	4.62E-03	8.65E-04	0.00E+00	1.99E-03	**7.47E-03**
558648.984160498	558649	4160499	WRKR_619	1.44E-02	5.52E-04	1.24E-02	1.23E-03	**2.86E-02**	6.40E-03	7.83E-04	6.36E-03	1.37E-03	**1.49E-02**	3.42E-03	7.58E-04	4.45E-05	1.52E-03	**5.74E-03**	3.94E-03	9.20E-04	0.00E+00	2.14E-03	**7.00E-03**
558648.984160508	558649	4160509	WRKR_620	1.50E-02	5.14E-04	1.30E-02	1.12E-03	**2.97E-02**	6.69E-03	7.29E-04	6.68E-03	1.26E-03	**1.54E-02**	3.58E-03	7.06E-04	4.67E-05	1.39E-03	**5.72E-03**	4.12E-03	8.57E-04	0.00E+00	1.96E-03	**6.94E-03**
558648.984160518	558649	4160519	WRKR_621	1.57E-02	4.86E-04	1.37E-02	1.05E-03	**3.09E-02**	6.98E-03	6.89E-04	6.99E-03	1.17E-03	**1.58E-02**	3.73E-03	6.67E-04	4.89E-05	1.30E-03	**5.74E-03**	4.30E-03	8.10E-04	0.00E+00	1.83E-03	**6.94E-03**
558648.984160528	558649	4160529	WRKR_622	1.63E-02	4.62E-04	1.42E-02	9.90E-04	**3.20E-02**	7.25E-03	6.56E-04	7.29E-03	1.11E-03	**1.63E-02**	3.87E-03	6.35E-04	5.10E-05	1.23E-03	**5.78E-03**	4.46E-03	7.71E-04	0.00E+00	1.73E-03	**6.96E-03**
558658.984160498	558659	4160499	WRKR_623	1.40E-02	5.04E-04	1.21E-02	1.09E-03	**2.78E-02**	6.24E-03	7.15E-04	6.22E-03	1.22E-03	**1.44E-02**	3.34E-03	6.92E-04	4.35E-05	1.36E-03	**5.43E-03**	3.85E-03	8.41E-04	0.00E+00	1.91E-03	**6.59E-03**
558658.984160508	558659	4160509	WRKR_624	1.46E-02	4.69E-04	1.27E-02	1.00E-03	**2.88E-02**	6.51E-03	6.65E-04	6.52E-03	1.12E-03	**1.48E-02**	3.48E-03	6.44E-04	4.56E-05	1.24E-03	**5.41E-03**	4.01E-03	7.81E-04	0.00E+00	1.75E-03	**6.54E-03**
558658.984160518	558659	4160519	WRKR_625	1.52E-02	4.40E-04	1.33E-02	9.32E-04	**2.98E-02**	6.77E-03	6.24E-04	6.79E-03	1.04E-03	**1.52E-02**	3.61E-03	6.04E-04	4.75E-05	1.15E-03	**5.42E-03**	4.17E-03	7.34E-04	0.00E+00	1.63E-03	**6.53E-03**
558658.984160528	558659	4160529	WRKR_626	1.57E-02	4.18E-04	1.38E-02	8.78E-04	**3.08E-02**	7.01E-03	5.92E-04	7.06E-03	9.81E-04	**1.56E-02**	3.74E-03	5.73E-04	4.94E-05	1.09E-03	**5.45E-03**	4.32E-03	6.96E-04	0.00E+00	1.53E-03	**6.54E-03**
558668.984160498	558669	4160499	WRKR_627	1.37E-02	4.64E-04	1.19E-02	9.90E-04	**2.70E-02**	6.08E-03	6.57E-04	6.08E-03	1.11E-03	**1.39E-02**	3.25E-03	6.36E-04	4.25E-05	1.23E-03	**5.16E-03**	3.75E-03	7.73E-04	0.00E+00	1.73E-03	**6.25E-03**
558668.984160508	558669	4160509	WRKR_628	1.42E-02	4.30E-04	1.24E-02	9.06E-04	**2.79E-02**	6.32E-03	6.09E-04	6.34E-03	1.01E-03	**1.43E-02**	3.38E-03	5.90E-04	4.44E-05	1.12E-03	**5.14E-03**	3.90E-03	7.16E-04	0.00E+00	1.58E-03	**6.19E-03**
558668.984160518	558669	4160519	WRKR_629	1.47E-02	4.03E-04	1.29E-02	8.41E-04	**2.88E-02**	6.55E-03	5.71E-04	6.59E-03	9.40E-04	**1.47E-02**	3.50E-03	5.52E-04	4.61E-05	1.04E-03	**5.14E-03**	4.04E-03	6.71E-04	0.00E+00	1.47E-03	**6.18E-03**
558668.984160528	558669	4160529	WRKR_630	1.52E-02	3.81E-04	1.33E-02	7.91E-04	**2.97E-02**	6.77E-03	5.40E-04	6.82E-03	8.84E-04	**1.50E-02**	3.62E-03	5.22E-04	4.77E-05	9.80E-04	**5.17E-03**	4.17E-03	6.34E-04	0.00E+00	1.38E-03	**6.18E-03**
558678.984160498	558679	4160499	WRKR_631	1.33E-02	4.31E-04	1.16E-02	9.11E-04	**2.62E-02**	5.92E-03	6.11E-04	5.93E-03	1.02E-03	**1.35E-02**	3.16E-03	5.92E-04	4.15E-05	1.13E-03	**4.93E-03**	3.65E-03	7.18E-04	0.00E+00	1.59E-03	**5.96E-03**
558678.984160508	558679	4160509	WRKR_632	1.38E-02	3.98E-04	1.20E-02	8.31E-04	**2.71E-02**	6.14E-03	5.64E-04	6.17E-03	9.29E-04	**1.38E-02**	3.28E-03	5.46E-04	4.32E-05	1.03E-03	**4.90E-03**	3.78E-03	6.63E-04	0.00E+00	1.45E-03	**5.90E-03**
558678.984160518	558679	4160519	WRKR_633	1.43E-02	3.71E-04	1.25E-02	7.70E-04	**2.79E-02**	6.35E-03	5.27E-04	6.39E-03	8.61E-04	**1.41E-02**	3.39E-03	5.10E-04	4.47E-05	9.54E-04	**4.90E-03**	3.91E-03	6.19E-04	0.00E+00	1.34E-03	**5.87E-03**
558678.984160528	558679	4160529	WRKR_634	1.47E-02	3.50E-04	1.29E-02	7.21E-04	**2.86E-02**	6.54E-03	4.96E-04	6.59E-03	8.06E-04	**1.44E-02**	3.49E-03	4.80E-04	4.61E-05	8.93E-04	**4.91E-03**	4.03E-03	5.83E-04	0.00E+00	1.26E-03	**5.87E-03**
558688.984160498	558689	4160499	WRKR_635	1.29E-02	4.02E-04	1.13E-02	8.46E-04	**2.55E-02**	5.76E-03	5.71E-04	5.78E-03	9.45E-04	**1.31E-02**	3.08E-03	5.52E-04	4.04E-05	1.05E-03	**4.72E-03**	3.55E-03	6.71E-04	0.00E+00	1.47E-03	**5.70E-03**
558688.984160508	558689	4160509	WRKR_636	1.34E-02	3.70E-04	1.17E-02	7.69E-04	**2.62E-02**	5.96E-03	5.25E-04	6.00E-03	8.60E-04	**1.33E-02**	3.18E-03	5.08E-04	4.19E-05	9.53E-04	**4.69E-03**	3.67E-03	6.17E-04	0.00E+00	1.34E-03	**5.63E-03**
558688.984160518	558689	4160519	WRKR_637	1.38E-02	3.45E-04	1.21E-02	7.12E-04	**2.69E-02**	6.14E-03	4.89E-04	6.19E-03	7.96E-04	**1.36E-02**	3.28E-03	4.74E-04	4.33E-05	8.82E-04	**4.68E-03**	3.78E-03	5.75E-04	0.00E+00	1.24E-03	**5.60E-03**
558444.414160372	558444	4160372	WRKR_638	6.52E-03	9.62E-05	4.77E-03	1.86E-04	**1.16E-02**	2.90E-03	1.36E-04	2.44E-03	2.08E-04	**5.69E-03**	1.55E-03	1.32E-04	1.71E-05	2.31E-04	**1.93E-03**	1.79E-03	1.60E-04	0.00E+00	3.25E-04	**2.27E-03**
558454.414160382	558454	4160382	WRKR_639	6.85E-03	1.03E-04	5.01E-03	2.00E-04	**1.22E-02**	3.05E-03	1.46E-04	2.57E-03	2.23E-04	**5.99E-03**	1.63E-03	1.41E-04	1.80E-05	2.47E-04	**2.04E-03**	1.88E-03	1.72E-04	0.00E+00	3.48E-04	**2.40E-03**
558454.414160392	558454	4160392	WRKR_640	7.39E-03	1.07E-04	5.41E-03	2.08E-04	**1.31E-02**	3.29E-03	1.52E-04	2.77E-03	2.32E-04	**6.45E-03**	1.76E-03	1.47E-04	1.94E-05	2.57E-04	**2.18E-03**	2.03E-03	1.78E-04	0.00E+00	3.62E-04	**2.57E-03**
558454.414160402	558454	4160402	WRKR_641	8.00E-03	1.11E-04	5.87E-03	2.16E-04	**1.42E-02**	3.56E-03	1.58E-04	3.01E-03	2.41E-04	**6.97E-03**	1.90E-03	1.53E-04	2.10E-05	2.67E-04	**2.34E-03**	2.19E-03	1.85E-04	0.00E+00	3.76E-04	**2.76E-03**
558464.414160382	558464	4160382	WRKR_642	6.82E-03	1.09E-04	4.98E-03	2.11E-04	**1.21E-02**	3.04E-03	1.54E-04	2.55E-03	2.36E-04	**5.98E-03**	1.62E-03	1.49E-04	1.79E-05	2.61E-04	**2.05E-03**	1.87E-03	1.81E-04	0.00E+00	3.68E-04	**2.42E-03**
558464.414160392	558464	4160392	WRKR_643	7.36E-03	1.13E-04	5.39E-03	2.19E-04	**1.31E-02**	3.28E-03	1.60E-04	2.76E-03	2.45E-04	**6.44E-03**	1.75E-03	1.55E-04	1.93E-05	2.72E-04	**2.20E-03**	2.02E-03	1.89E-04	0.00E+00	3.83E-04	**2.59E-03**
558464.414160402	558464	4160402	WRKR_644	7.98E-03	1.18E-04	5.86E-03	2.29E-04	**1.42E-02**	3.55E-03	1.67E-04	3.00E-03	2.56E-04	**6.98E-03**	1.90E-03	1.62E-04	2.10E-05	2.84E-04	**2.36E-03**	2.19E-03	1.97E-04	0.00E+00	3.99E-04	**2.78E-03**
558474.414160382	558474	4160382	WRKR_645	6.80E-03	1.15E-04	4.97E-03	2.24E-04	**1.21E-02**	3.03E-03	1.63E-04	2.54E-03	2.50E-04	**5.98E-03**	1.62E-03	1.58E-04	1.78E-05	2.77E-04	**2.07E-03**	1.86E-03	1.92E-04	0.00E+00	3.90E-04	**2.45E-03**
558474.414160392	558474	4160392	WRKR_646	7.34E-03	1.20E-04	5.38E-03	2.33E-04	**1.31E-02**	3.27E-03	1.70E-04	2.75E-03	2.60E-04	**6.45E-03**	1.74E-03	1.64E-04	1.93E-05	2.88E-04	**2.22E-03**	2.01E-03	2.00E-04	0.00E+00	4.06E-04	**2.62E-03**
558474.414160402	558474	4160402	WRKR_647	7.94E-03	1.25E-04	5.85E-03	2.42E-04	**1.42E-02**	3.54E-03	1.77E-04	3.00E-03	2.71E-04	**6.98E-03**	1.89E-03	1.71E-04	2.10E-05	3.00E-04	**2.38E-03**	2.18E-03	2.08E-04	0.00E+00	4.23E-04	**2.81E-03**
558484.414160382	558484	4160382	WRKR_648	6.78E-03	1.22E-04	4.96E-03	2.37E-04	**1.21E-02**	3.02E-03	1.73E-04	2.54E-03	2.65E-04	**6.00E-03**	1.61E-03	1.68E-04	1.78E-05	2.94E-04	**2.09E-03**	1.86E-03	2.04E-04	0.00E+00	4.14E-04	**2.48E-03**
558484.414160392	558484	4160392	WRKR_649	7.30E-03	1.27E-04	5.36E-03	2.46E-04	**1.30E-02**	3.25E-03	1.80E-04	2.75E-03	2.75E-04	**6.45E-03**	1.74E-03	1.74E-04	1.92E-05	3.05E-04	**2.23E-03**	2.00E-03	2.11E-04	0.00E+00	4.29E-04	**2.64E-03**
558484.414160402	558484	4160402	WRKR_650	7.87E-03	1.31E-04	5.82E-03	2.55E-04	**1.41E-02**	3.50E-03	1.86E-04	2.98E-03	2.85E-04	**6.96E-03**	1.87E-03	1.80E-04	2.09E-05	3.16E-04	**2.39E-03**	2.16E-03	2.19E-04	0.00E+00	4.45E-04	**2.82E-03**
558494.414160382	558494	4160382	WRKR_651	6.78E-03	1.30E-04	4.97E-03	2.53E-04	**1.21E-02**	3.02E-03	1.85E-04	2.55E-03	2.83E-04	**6.03E-03**	1.61E-03	1.79E-04	1.78E-05	3.13E-04	**2.12E-03**	1.86E-03	2.17E-04	0.00E+00	4.41E-04	**2.52E-03**
558494.414160392	558494	4160392	WRKR_652	7.30E-03	1.35E-04	5.38E-03	2.63E-04	**1.31E-02**	3.25E-03	1.92E-04	2.75E-03	2.94E-04	**6.49E-03**	1.74E-03	1.85E-04	1.93E-05	3.25E-04	**2.27E-03**	2.00E-03	2.25E-04	0.00E+00	4.58E-04	**2.68E-03**
558494.414160402	558494	4160402	WRKR_653	7.87E-03	1.40E-04	5.84E-03	2.73E-04	**1.41E-02**	3.51E-03	1.99E-04	2.99E-03	3.05E-04	**7.00E-03**	1.87E-03	1.93E-04	2.09E-05	3.39E-04	**2.43E-03**	2.16E-03	2.34E-04	0.00E+00	4.77E-04	**2.87E-03**
558504.414160382	558504	4160382	WRKR_654	6.80E-03	1.39E-04	4.99E-03	2.71E-04	**1.22E-02**	3.03E-03	1.97E-04	2.56E-03	3.03E-04	**6.08E-03**	1.62E-03	1.91E-04	1.79E-05	3.35E-04	**2.16E-03**	1.86E-03	2.32E-04	0.00E+00	4.72E-04	**2.57E-03**
558504.414160392	558504	4160392	WRKR_655	7.36E-03	1.46E-04	5.44E-03	2.85E-04	**1.32E-02**	3.28E-03	2.08E-04	2.78E-03	3.19E-04	**6.59E-03**	1.75E-03	2.01E-04	1.95E-05	3.54E-04	**2.33E-03**	2.02E-03	2.44E-04	0.00E+00	4.98E-04	**2.76E-03**
558504.414160402	558504	4160402	WRKR_656	8.02E-03	1.55E-04	5.97E-03	3.03E-04	**1.44E-02**	3.57E-03	2.20E-04	3.06E-03	3.39E-04	**7.19E-03**	1.91E-03	2.13E-04	2.14E-05	3.75E-04	**2.52E-03**	2.20E-03	2.59E-04	0.00E+00	5.29E-04	**2.99E-03**
558514.414160382	558514	4160382	WRKR_657	6.82E-03	1.49E-04	5.02E-03	2.91E-04	**1.23E-02**	3.04E-03	2.12E-04	2.57E-03	3.26E-04	**6.15E-03**	1.62E-03	2.05E-04	1.80E-05	3.61E-04	**2.21E-03**	1.87E-03	2.49E-04	0.00E+00	5.08E-04	**2.63E-03**
558514.414160392	558514	4160392	WRKR_658	7.38E-03	1.58E-04	5.47E-03	3.08E-04	**1.33E-02**	3.29E-03	2.24E-04	2.80E-03	3.44E-04	**6.66E-03**	1.76E-03	2.16E-04	1.96E-05	3.81E-04	**2.37E-03**	2.03E-03	2.63E-04	0.00E+00	5.37E-04	**2.82E-03**
558514.414160402	558514	4160402	WRKR_659	8.05E-03	1.68E-04	6.01E-03	3.30E-04	**1.46E-02**	3.59E-03	2.39E-04	3.08E-03	3.68E-04	**7.27E-03**	1.92E-03	2.31E-04	2.15E-05	4.08E-04	**2.58E-03**	2.21E-03	2.81E-04	0.00E+00	5.75E-04	**3.06E-03**
558524.414160392	558524	4160392	WRKR_660	7.41E-03	1.70E-04	5.51E-03	3.34E-04	**1.34E-02**	3.30E-03	2.42E-04	2.82E-03	3.73E-04	**6.74E-03**	1.76E-03	2.34E-04	1.98E-05	4.14E-04	**2.43E-03**	2.03E-03	2.84E-04	0.00E+00	5.82E-04	**2.90E-03**
558524.414160402	558524	4160402	WRKR_661	8.07E-03	1.83E-04	6.05E-03	3.59E-04	**1.47E-02**	3.59E-03	2.59E-04	3.10E-03	4.01E-04	**7.35E-03**	1.92E-03	2.51E-04	2.17E-05	4.45E-04	**2.64E-03**	2.21E-03	3.04E-04	0.00E+00	6.26E-04	**3.14E-03**
558581.824160392	558582	4160392	WRKR_662	7.67E-03	2.92E-04	5.87E-03	5.94E-04	**1.44E-02**	3.42E-03	4.14E-04	3.01E-03	6.64E-04	**7.50E-03**	1.82E-03	4.00E-04	2.10E-05	7.36E-04	**2.98E-03**	2.10E-03	4.86E-04	0.00E+00	1.04E-03	**3.63E-03**
558581.824160402	558582	4160402	WRKR_663	8.26E-03	3.27E-04	6.39E-03	6.78E-04	**1.57E-02**	3.68E-03	4.64E-04	3.27E-03	7.57E-04	**8.17E-03**	1.97E-03	4.49E-04	2.29E-05	8.39E-04	**3.28E-03**	2.27E-03	5.45E-04	0.00E+00	1.18E-03	**3.99E-03**
558581.824160412	558582	4160412	WRKR_664	8.90E-03	3.69E-04	6.95E-03	7.84E-04	**1.70E-02**	3.96E-03	5.24E-04	3.56E-03	8.76E-04	**8.92E-03**	2.12E-03	5.07E-04	2.49E-05	9.71E-04	**3.62E-03**	2.44E-03	6.15E-04	0.00E+00	1.37E-03	**4.42E-03**
558581.824160422	558582	4160422	WRKR_665	9.59E-03	4.20E-04	7.56E-03	9.22E-04	**1.85E-02**	4.27E-03	5.96E-04	3.87E-03	1.03E-03	**9.77E-03**	2.28E-03	5.77E-04	2.71E-05	1.14E-03	**4.03E-03**	2.63E-03	7.00E-04	0.00E+00	1.61E-03	**4.94E-03**
558591.824160392	558592	4160392	WRKR_666	7.70E-03	3.17E-04	5.92E-03	6.54E-04	**1.46E-02**	3.43E-03	4.50E-04	3.03E-03	7.31E-04	**7.64E-03**	1.83E-03	4.35E-04	2.12E-05	8.10E-04	**3.10E-03**	2.11E-03	5.29E-04	0.00E+00	1.14E-03	**3.78E-03**
558591.824160402	558592	4160402	WRKR_667	8.28E-03	3.59E-04	6.44E-03	7.58E-04	**1.58E-02**	3.69E-03	5.10E-04	3.30E-03	8.47E-04	**8.34E-03**	1.97E-03	4.93E-04	2.31E-05	9.39E-04	**3.43E-03**	2.27E-03	5.99E-04	0.00E+00	1.32E-03	**4.19E-03**
558591.824160412	558592	4160412	WRKR_668	8.91E-03	4.11E-04	6.99E-03	8.96E-04	**1.72E-02**	3.97E-03	5.83E-04	3.58E-03	1.00E-03	**9.13E-03**	2.12E-03	5.65E-04	2.51E-05	1.11E-03	**3.82E-03**	2.44E-03	6.85E-04	0.00E+00	1.56E-03	**4.69E-03**
558591.824160422	558592	4160422	WRKR_669	9.58E-03	4.76E-04	7.60E-03	1.09E-03	**1.87E-02**	4.27E-03	6.74E-04	3.89E-03	1.21E-03	**1.00E-02**	2.28E-03	6.53E-04	2.72E-05	1.35E-03	**4.30E-03**	2.63E-03	7.93E-04	0.00E+00	1.89E-03	**5.31E-03**
558601.824160382	558602	4160382	WRKR_670	7.19E-03	3.04E-04	5.50E-03	6.22E-04	**1.36E-02**	3.20E-03	4.32E-04	2.82E-03	6.96E-04	**7.15E-03**	1.71E-03	4.18E-04	1.97E-05	7.71E-04	**2.92E-03**	1.97E-03	5.07E-04	0.00E+00	1.09E-03	**3.56E-03**
558601.824160392	558602	4160392	WRKR_671	7.72E-03	3.44E-04	5.97E-03	7.18E-04	**1.48E-02**	3.44E-03	4.88E-04	3.06E-03	8.03E-04	**7.79E-03**	1.84E-03	4.72E-04	2.14E-05	8.90E-04	**3.22E-03**	2.12E-03	5.73E-04	0.00E+00	1.25E-03	**3.94E-03**
558601.824160402	558602	4160402	WRKR_672	8.30E-03	3.94E-04	6.48E-03	8.47E-04	**1.60E-02**	3.69E-03	5.58E-04	3.32E-03	9.47E-04	**8.52E-03**	1.97E-03	5.41E-04	2.32E-05	1.05E-03	**3.59E-03**	2.28E-03	6.56E-04	0.00E+00	1.48E-03	**4.41E-03**
558601.824160412	558602	4160412	WRKR_673	8.91E-03	4.56E-04	7.03E-03	1.03E-03	**1.74E-02**	3.97E-03	6.47E-04	3.60E-03	1.15E-03	**9.36E-03**	2.12E-03	6.26E-04	2.52E-05	1.27E-03	**4.04E-03**	2.44E-03	7.60E-04	0.00E+00	1.79E-03	**4.99E-03**
558601.824160422	558602	4160422	WRKR_674	9.57E-03	5.35E-04	7.63E-03	1.29E-03	**1.90E-02**	4.26E-03	7.58E-04	3.91E-03	1.44E-03	**1.04E-02**	2.28E-03	7.34E-04	2.73E-05	1.59E-03	**4.63E-03**	2.62E-03	8.91E-04	0.00E+00	2.24E-03	**5.76E-03**
558611.824160382	558612	4160382	WRKR_675	7.22E-03	3.23E-04	5.55E-03	6.67E-04	**1.38E-02**	3.21E-03	4.58E-04	2.84E-03	7.46E-04	**7.26E-03**	1.72E-03	4.44E-04	1.99E-05	8.26E-04	**3.01E-03**	1.98E-03	5.39E-04	0.00E+00	1.16E-03	**3.68E-03**
558611.824160392	558612	4160392	WRKR_676	7.74E-03	3.68E-04	6.02E-03	7.78E-04	**1.49E-02**	3.45E-03	5.21E-04	3.08E-03	8.69E-04	**7.92E-03**	1.84E-03	5.05E-04	2.16E-05	9.64E-04	**3.33E-03**	2.12E-03	6.12E-04	0.00E+00	1.36E-03	**4.09E-03**
558611.824160402	558612	4160402	WRKR_677	8.31E-03	4.29E-04	6.53E-03	9.45E-04	**1.62E-02**	3.70E-03	6.09E-04	3.34E-03	1.06E-03	**8.71E-03**	1.98E-03	5.89E-04	2.34E-05	1.17E-03	**3.76E-03**	2.28E-03	7.16E-04	0.00E+00	1.65E-03	**4.64E-03**
558611.824160412	558612	4160412	WRKR_678	8.91E-03	5.03E-04	7.07E-03	1.18E-03	**1.77E-02**	3.96E-03	7.13E-04	3.62E-03	1.32E-03	**9.61E-03**	2.12E-03	6.90E-04	2.53E-05	1.46E-03	**4.29E-03**	2.44E-03	8.38E-04	0.00E+00	2.05E-03	**5.33E-03**
558611.824160422	558612	4160422	WRKR_679	9.55E-03	6.00E-04	7.65E-03	1.53E-03	**1.93E-02**	4.25E-03	8.50E-04	3.92E-03	1.71E-03	**1.07E-02**	2.27E-03	8.23E-04	2.74E-05	1.90E-03	**5.02E-03**	2.62E-03	9.99E-04	0.00E+00	2.67E-03	**6.29E-03**
558621.824160382	558622	4160382	WRKR_680	7.24E-03	3.45E-04	5.60E-03	7.20E-04	**1.39E-02**	3.22E-03	4.90E-04	2.87E-03	8.04E-04	**7.39E-03**	1.72E-03	4.74E-04	2.01E-05	8.91E-04	**3.11E-03**	1.99E-03	5.75E-04	0.00E+00	1.25E-03	**3.82E-03**
558621.824160392	558622	4160392	WRKR_681	7.76E-03	3.95E-04	6.07E-03	8.49E-04	**1.51E-02**	3.45E-03	5.60E-04	3.11E-03	9.49E-04	**8.07E-03**	1.85E-03	5.42E-04	2.17E-05	1.05E-03	**3.46E-03**	2.13E-03	6.58E-04	0.00E+00	1.48E-03	**4.27E-03**
558621.824160402	558622	4160402	WRKR_682	8.31E-03	4.66E-04	6.56E-03	1.05E-03	**1.64E-02**	3.70E-03	6.60E-04	3.36E-03	1.17E-03	**8.90E-03**	1.98E-03	6.39E-04	2.35E-05	1.30E-03	**3.94E-03**	2.28E-03	7.76E-04	0.00E+00	1.83E-03	**4.89E-03**
558621.824160412	558622	4160412	WRKR_683	8.89E-03	5.56E-04	7.10E-03	1.36E-03	**1.79E-02**	3.96E-03	7.88E-04	3.64E-03	1.52E-03	**9.90E-03**	2.12E-03	7.63E-04	2.54E-05	1.68E-03	**4.59E-03**	2.44E-03	9.27E-04	0.00E+00	2.37E-03	**5.74E-03**
558621.824160422	558622	4160422	WRKR_684	9.52E-03	4.60E-04	7.67E-03	1.11E-03	**1.88E-02**	4.24E-03	6.53E-04	3.93E-03	1.24E-03	**1.01E-02**	2.26E-03	6.32E-04	2.75E-05	1.37E-03	**4.30E-03**	2.61E-03	7.67E-04	0.00E+00	1.93E-03	**5.31E-03**
558631.824160382	558632	4160382	WRKR_685	7.26E-03	3.68E-04	5.65E-03	7.75E-04	**1.41E-02**	3.23E-03	5.22E-04	2.89E-03	8.66E-04	**7.51E-03**	1.73E-03	5.06E-04	2.02E-05	9.60E-04	**3.21E-03**	1.99E-03	6.14E-04	0.00E+00	1.35E-03	**3.96E-

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				AG	AH	AL	AJ	E	G	F	H						E	G	F	H	
				Year 1 Project Concentrations (μg/m³)				**Year 2 Project Concentrations (μg/m³)**					**Year 3 Project Concentrations (μg/m³)**				**Year 4 Project Concentrations (μg/m³)**				
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**
558641.824160392	558642	4160392	WRKR_689	7.77E-03	4.52E-04	6.14E-03	9.95E-04	**1.54E-02**	3.46E-03	6.40E-04	3.15E-03	1.11E-03	**8.36E-03**	1.85E-03	6.20E-04	2.20E-05	1.23E-03	**3.72E-03**	2.13E-03	7.52E-04	0.00E+00	1.74E-03	**4.62E-03**
558641.824160402	558642	4160402	WRKR_690	8.30E-03	5.45E-04	6.63E-03	1.29E-03	**1.68E-02**	3.69E-03	7.73E-04	3.39E-03	1.44E-03	**9.30E-03**	1.97E-03	7.48E-04	2.37E-05	1.59E-03	**4.34E-03**	2.28E-03	9.08E-04	0.00E+00	2.25E-03	**5.43E-03**
558651.824160382	558652	4160382	WRKR_691	7.28E-03	4.20E-04	5.73E-03	8.99E-04	**1.43E-02**	3.24E-03	5.95E-04	2.94E-03	1.00E-03	**7.78E-03**	1.73E-03	5.76E-04	2.05E-05	1.11E-03	**3.44E-03**	2.00E-03	7.00E-04	0.00E+00	1.57E-03	**4.26E-03**
558651.824160392	558652	4160392	WRKR_692	7.77E-03	4.88E-04	6.18E-03	1.09E-03	**1.55E-02**	3.46E-03	6.91E-04	3.16E-03	1.22E-03	**8.53E-03**	1.85E-03	6.69E-04	2.21E-05	1.35E-03	**3.89E-03**	2.13E-03	8.13E-04	0.00E+00	1.90E-03	**4.84E-03**
558651.824160402	558652	4160402	WRKR_693	8.28E-03	5.93E-04	6.65E-03	1.43E-03	**1.70E-02**	3.69E-03	8.40E-04	3.41E-03	1.60E-03	**9.53E-03**	1.97E-03	8.13E-04	2.38E-05	1.77E-03	**4.58E-03**	2.27E-03	9.87E-04	0.00E+00	2.49E-03	**5.75E-03**
558661.824160382	558662	4160382	WRKR_694	7.28E-03	4.53E-04	5.77E-03	9.78E-04	**1.45E-02**	3.24E-03	6.42E-04	2.95E-03	1.09E-03	**7.93E-03**	1.73E-03	6.21E-04	2.07E-05	1.21E-03	**3.59E-03**	2.00E-03	7.54E-04	0.00E+00	1.71E-03	**4.46E-03**
558661.824160392	558662	4160392	WRKR_695	7.76E-03	5.25E-04	6.20E-03	1.19E-03	**1.57E-02**	3.45E-03	7.44E-04	3.18E-03	1.32E-03	**8.70E-03**	1.85E-03	7.20E-04	2.22E-05	1.47E-03	**4.06E-03**	2.13E-03	8.74E-04	0.00E+00	2.07E-03	**5.07E-03**
558661.824160402	558662	4160402	WRKR_696	8.26E-03	6.43E-04	6.67E-03	1.58E-03	**1.71E-02**	3.68E-03	9.11E-04	3.41E-03	1.76E-03	**9.77E-03**	1.96E-03	8.82E-04	2.39E-05	1.95E-03	**4.82E-03**	2.27E-03	1.07E-03	0.00E+00	2.75E-03	**6.09E-03**
558671.824160362	558672	4160362	WRKR_697	6.42E-03	4.09E-04	5.02E-03	8.61E-04	**1.27E-02**	2.86E-03	5.80E-04	2.57E-03	9.63E-04	**6.97E-03**	1.53E-03	5.61E-04	1.80E-05	1.07E-03	**3.17E-03**	1.76E-03	6.81E-04	0.00E+00	1.50E-03	**3.94E-03**
558671.824160372	558672	4160372	WRKR_698	6.84E-03	4.42E-04	5.40E-03	9.43E-04	**1.36E-02**	3.04E-03	6.26E-04	2.76E-03	1.05E-03	**7.49E-03**	1.63E-03	6.06E-04	1.93E-05	1.17E-03	**3.42E-03**	1.88E-03	7.36E-04	0.00E+00	1.64E-03	**4.26E-03**
558671.824160382	558672	4160382	WRKR_699	7.28E-03	4.91E-04	5.80E-03	1.07E-03	**1.46E-02**	3.24E-03	6.97E-04	2.97E-03	1.20E-03	**8.11E-03**	1.73E-03	6.74E-04	2.08E-05	1.33E-03	**3.76E-03**	2.00E-03	8.19E-04	0.00E+00	1.87E-03	**4.69E-03**
558671.824160392	558672	4160392	WRKR_700	7.75E-03	5.68E-04	6.22E-03	1.30E-03	**1.58E-02**	3.45E-03	8.05E-04	3.19E-03	1.45E-03	**8.89E-03**	1.84E-03	7.80E-04	2.23E-05	1.61E-03	**4.25E-03**	2.12E-03	9.47E-04	0.00E+00	2.26E-03	**5.34E-03**
558671.824160402	558672	4160402	WRKR_701	8.23E-03	6.95E-04	6.68E-03	1.73E-03	**1.73E-02**	3.66E-03	9.86E-04	3.42E-03	1.93E-03	**1.00E-02**	1.96E-03	9.55E-04	2.39E-05	2.14E-03	**5.08E-03**	2.26E-03	1.16E-03	0.00E+00	3.02E-03	**6.43E-03**
558681.824160362	558682	4160362	WRKR_702	6.43E-03	4.57E-04	5.06E-03	9.83E-04	**1.29E-02**	2.86E-03	6.47E-04	2.59E-03	1.10E-03	**7.20E-03**	1.53E-03	6.27E-04	1.81E-05	1.22E-03	**3.39E-03**	1.76E-03	7.61E-04	0.00E+00	1.71E-03	**4.24E-03**
558681.824160372	558682	4160372	WRKR_703	6.82E-03	4.81E-04	5.42E-03	1.05E-03	**1.38E-02**	3.04E-03	6.81E-04	2.77E-03	1.17E-03	**7.66E-03**	1.62E-03	6.60E-04	1.94E-05	1.29E-03	**3.60E-03**	1.87E-03	8.01E-04	0.00E+00	1.82E-03	**4.49E-03**
558681.824160382	558682	4160382	WRKR_704	7.27E-03	5.36E-04	5.82E-03	1.19E-03	**1.48E-02**	3.24E-03	7.60E-04	2.98E-03	1.33E-03	**8.31E-03**	1.73E-03	7.35E-04	2.09E-05	1.48E-03	**3.96E-03**	1.99E-03	8.93E-04	0.00E+00	2.08E-03	**4.96E-03**
558681.824160392	558682	4160392	WRKR_705	7.72E-03	6.17E-04	6.24E-03	1.43E-03	**1.60E-02**	3.44E-03	8.75E-04	3.20E-03	1.60E-03	**9.11E-03**	1.84E-03	8.47E-04	2.24E-05	1.77E-03	**4.48E-03**	2.12E-03	1.03E-03	0.00E+00	2.50E-03	**5.64E-03**
558681.824160402	558682	4160402	WRKR_706	8.19E-03	7.47E-04	6.68E-03	1.87E-03	**1.75E-02**	3.65E-03	1.06E-03	3.42E-03	2.09E-03	**1.02E-02**	1.95E-03	1.03E-03	2.39E-05	2.32E-03	**5.32E-03**	2.25E-03	1.24E-03	0.00E+00	3.27E-03	**6.76E-03**
558691.824160362	558692	4160362	WRKR_707	6.44E-03	5.24E-04	5.09E-03	1.17E-03	**1.32E-02**	2.86E-03	7.43E-04	2.61E-03	1.31E-03	**7.52E-03**	1.53E-03	7.19E-04	1.82E-05	1.45E-03	**3.72E-03**	1.76E-03	8.73E-04	0.00E+00	2.04E-03	**4.68E-03**
558691.824160372	558692	4160372	WRKR_708	6.84E-03	5.55E-04	5.46E-03	1.25E-03	**1.41E-02**	3.04E-03	7.87E-04	2.80E-03	1.40E-03	**8.02E-03**	1.63E-03	7.62E-04	1.96E-05	1.55E-03	**3.96E-03**	1.88E-03	9.25E-04	0.00E+00	2.18E-03	**4.98E-03**
558691.824160382	558692	4160382	WRKR_709	7.26E-03	6.03E-04	5.84E-03	1.38E-03	**1.51E-02**	3.23E-03	8.56E-04	2.99E-03	1.55E-03	**8.63E-03**	1.73E-03	8.28E-04	2.09E-05	1.71E-03	**4.29E-03**	1.99E-03	1.01E-03	0.00E+00	2.41E-03	**5.41E-03**
558691.824160392	558692	4160392	WRKR_710	7.69E-03	6.85E-04	6.25E-03	1.63E-03	**1.63E-02**	3.43E-03	9.71E-04	3.20E-03	1.82E-03	**9.42E-03**	1.83E-03	9.40E-04	2.24E-05	2.02E-03	**4.81E-03**	2.11E-03	1.14E-03	0.00E+00	2.85E-03	**6.10E-03**
558691.824160402	558692	4160402	WRKR_711	8.15E-03	8.21E-04	6.68E-03	2.11E-03	**1.78E-02**	3.63E-03	1.16E-03	3.42E-03	2.36E-03	**1.06E-02**	1.94E-03	1.13E-03	2.39E-05	2.62E-03	**5.71E-03**	2.23E-03	1.37E-03	0.00E+00	3.68E-03	**7.29E-03**
558701.824160362	558702	4160362	WRKR_712	6.44E-03	6.18E-04	5.12E-03	1.47E-03	**1.36E-02**	2.87E-03	8.77E-04	2.62E-03	1.64E-03	**8.01E-03**	1.53E-03	8.49E-04	1.84E-05	1.82E-03	**4.22E-03**	1.77E-03	1.03E-03	0.00E+00	2.56E-03	**5.36E-03**
558701.824160372	558702	4160372	WRKR_713	6.83E-03	6.50E-04	5.48E-03	1.55E-03	**1.45E-02**	3.04E-03	9.21E-04	2.81E-03	1.74E-03	**8.50E-03**	1.62E-03	8.91E-04	1.96E-05	1.92E-03	**4.46E-03**	1.87E-03	1.08E-03	0.00E+00	2.71E-03	**5.66E-03**
558701.824160382	558702	4160382	WRKR_714	7.24E-03	6.98E-04	5.86E-03	1.69E-03	**1.55E-02**	3.22E-03	9.90E-04	3.00E-03	1.89E-03	**9.11E-03**	1.72E-03	9.59E-04	2.10E-05	2.10E-03	**4.80E-03**	1.98E-03	1.16E-03	0.00E+00	2.96E-03	**6.10E-03**
558701.824160392	558702	4160392	WRKR_715	7.66E-03	7.77E-04	6.26E-03	1.95E-03	**1.66E-02**	3.41E-03	1.10E-03	3.20E-03	2.18E-03	**9.89E-03**	1.82E-03	1.07E-03	2.24E-05	2.41E-03	**5.32E-03**	2.10E-03	1.29E-03	0.00E+00	3.39E-03	**6.79E-03**
558701.824160402	558702	4160402	WRKR_716	8.10E-03	9.09E-04	6.67E-03	2.44E-03	**1.81E-02**	3.60E-03	1.29E-03	3.42E-03	2.73E-03	**1.10E-02**	1.93E-03	1.25E-03	2.39E-05	3.03E-03	**6.23E-03**	2.22E-03	1.52E-03	0.00E+00	4.26E-03	**8.00E-03**
558711.824160362	558712	4160362	WRKR_717	6.43E-03	7.53E-04	5.15E-03	1.98E-03	**1.43E-02**	2.86E-03	1.07E-03	2.64E-03	2.21E-03	**8.78E-03**	1.53E-03	1.03E-03	1.84E-05	2.45E-03	**5.03E-03**	1.76E-03	1.25E-03	0.00E+00	3.45E-03	**6.47E-03**
558711.824160372	558712	4160372	WRKR_718	6.81E-03	7.83E-04	5.50E-03	2.07E-03	**1.52E-02**	3.03E-03	1.11E-03	2.82E-03	2.31E-03	**9.27E-03**	1.62E-03	1.07E-03	1.97E-05	2.56E-03	**5.28E-03**	1.87E-03	1.30E-03	0.00E+00	3.61E-03	**6.78E-03**
558711.824160382	558712	4160382	WRKR_719	7.21E-03	6.45E-04	5.87E-03	1.58E-03	**1.53E-02**	3.21E-03	9.15E-04	3.00E-03	1.77E-03	**8.90E-03**	1.71E-03	8.86E-04	2.10E-05	1.96E-03	**4.58E-03**	1.98E-03	1.08E-03	0.00E+00	2.76E-03	**5.81E-03**
558711.824160392	558712	4160392	WRKR_720	7.62E-03	9.03E-04	6.25E-03	2.46E-03	**1.72E-02**	3.39E-03	1.28E-03	3.20E-03	2.75E-03	**1.06E-02**	1.81E-03	1.24E-03	2.24E-05	3.05E-03	**6.13E-03**	2.09E-03	1.51E-03	0.00E+00	4.30E-03	**7.89E-03**
558711.824160402	558712	4160402	WRKR_721	8.03E-03	5.83E-04	6.66E-03	1.44E-03	**1.67E-02**	3.58E-03	8.26E-04	3.41E-03	1.61E-03	**9.42E-03**	1.91E-03	8.00E-04	2.39E-05	1.78E-03	**4.52E-03**	2.20E-03	9.71E-04	0.00E+00	2.51E-03	**5.68E-03**
558721.824160362	558722	4160362	WRKR_722	6.42E-03	4.47E-04	5.17E-03	1.02E-03	**1.31E-02**	2.86E-03	6.34E-04	2.65E-03	1.14E-03	**7.28E-03**	1.53E-03	6.14E-04	1.85E-05	1.26E-03	**3.42E-03**	1.76E-03	7.46E-04	0.00E+00	1.77E-03	**4.28E-03**
558721.824160372	558722	4160372	WRKR_723	6.79E-03	5.00E-04	5.51E-03	1.18E-03	**1.40E-02**	3.02E-03	7.09E-04	2.82E-03	1.32E-03	**7.87E-03**	1.62E-03	6.86E-04	1.97E-05	1.46E-03	**3.78E-03**	1.86E-03	8.33E-04	0.00E+00	2.05E-03	**4.75E-03**
558721.824160382	558722	4160382	WRKR_724	7.17E-03	7.13E-04	5.87E-03	1.87E-03	**1.56E-02**	3.19E-03	1.01E-03	3.01E-03	2.10E-03	**9.31E-03**	1.71E-03	9.78E-04	2.10E-05	2.32E-03	**5.03E-03**	1.97E-03	1.19E-03	0.00E+00	3.27E-03	**6.42E-03**
558721.824160392	558722	4160392	WRKR_725	7.57E-03	5.57E-04	6.25E-03	1.36E-03	**1.57E-02**	3.37E-03	7.89E-04	3.20E-03	1.52E-03	**8.88E-03**	1.80E-03	7.64E-04	2.24E-05	1.69E-03	**4.27E-03**	2.08E-03	9.28E-04	0.00E+00	2.37E-03	**5.38E-03**
558721.824160402	558722	4160402	WRKR_726	7.97E-03	5.94E-04	6.64E-03	1.49E-03	**1.67E-02**	3.55E-03	8.42E-04	3.40E-03	1.66E-03	**9.45E-03**	1.89E-03	8.15E-04	2.38E-05	1.84E-03	**4.58E-03**	2.18E-03	9.89E-04	0.00E+00	2.59E-03	**5.77E-03**
558690.094160295	558690	4160295	WRKR_727	4.19E-03	4.12E-04	3.13E-03	8.95E-04	**8.63E-03**	1.87E-03	5.85E-04	1.60E-03	1.00E-03	**5.05E-03**	9.97E-04	5.66E-04	1.12E-05	1.11E-03	**2.68E-03**	1.15E-03	6.87E-04	0.00E+00	1.56E-03	**3.40E-03**
558690.094160305	558690	4160305	WRKR_728	4.46E-03	4.18E-04	3.36E-03	9.06E-04	**9.14E-03**	1.99E-03	5.92E-04	1.72E-03	1.01E-03	**5.31E-03**	1.06E-03	5.73E-04	1.20E-05	1.12E-03	**2.77E-03**	1.22E-03	6.96E-04	0.00E+00	1.58E-03	**3.50E-03**
558690.094160315	558690	4160315	WRKR_729	4.75E-03	4.24E-04	3.61E-03	9.19E-04	**9.70E-03**	2.11E-03	6.01E-04	1.85E-03	1.03E-03	**5.59E-03**	1.13E-03	5.81E-04	1.29E-05	1.14E-03	**2.86E-03**	1.30E-03	7.06E-04	0.00E+00	1.60E-03	**3.61E-03**
558690.094160325	558690	4160325	WRKR_730	5.05E-03	4.30E-04	3.87E-03	9.32E-04	**1.03E-02**	2.25E-03	6.10E-04	1.98E-03	1.04E-03	**5.88E-03**	1.20E-03	5.90E-04	1.39E-05	1.15E-03	**2.96E-03**	1.39E-03	7.17E-04	0.00E+00	1.63E-03	**3.73E-03**
558690.094160335	558690	4160335	WRKR_731	5.38E-03	4.39E-04	4.16E-03	9.52E-04	**1.09E-02**	2.40E-03	6.22E-04	2.13E-03	1.06E-03	**6.21E-03**	1.28E-03	6.03E-04	1.49E-05	1.18E-03	**3.08E-03**	1.48E-03	7.32E-04	0.00E+00	1.66E-03	**3.87E-03**
558700.094160295	558700	4160295	WRKR_732	4.22E-03	4.98E-04	3.17E-03	1.13E-03	**9.02E-03**	1.88E-03	7.06E-04	1.62E-03	1.26E-03	**5.47E-03**	1.00E-03	6.84E-04	1.14E-05	1.40E-03	**3.10E-03**	1.16E-03	8.30E-04	0.00E+00	1.97E-03	**3.96E-03**
558700.094160305	558700	4160305	WRKR_733	4.49E-03	5.05E-04	3.40E-03	1.15E-03	**9.55E-03**	2.00E-03	7.17E-04	1.74E-03	1.28E-03	**5.74E-03**	1.07E-03	6.94E-04	1.22E-05	1.42E-03	**3.20E-03**	1.23E-03	8.42E-04	0.00E+00	2.00E-03	**4.08E-03**
558700.094160315	558700	4160315	WRKR_734	4.78E-03	5.10E-04	3.65E-03	1.16E-03	**1.01E-02**	2.13E-03	7.24E-04	1.87E-03	1.29E-03	**6.01E-03**	1.14E-03	7.00E-04	1.31E-05	1.43E-03	**3.28E-03**	1.31E-03	8.50E-04	0.00E+00	2.02E-03	**4.18E-03**
558700.094160325	558700	4160325	WRKR_735	5.08E-03	5.15E-04	3.91E-03	1.17E-03	**1.07E-02**	2.26E-03	7.31E-04	2.00E-03	1.30E-03	**6.30E-03**	1.21E-03	7.07E-04	1.40E-05	1.44E-03	**3.37E-03**	1.39E-03	8.59E-04	0.00E+00	2.03E-03	**4.28E-03**
558700.094160335	558700	4160335	WRKR_736	5.40E-03	5.23E-04	4.20E-03	1.18E-03	**1.13E-02**	2.40E-03	7.41E-04	2.15E-03	1.32E-03	**6.62E-03**	1.28E-03	7.18E-04	1.50E-05	1.46E-03	**3.48E-03**	1.48E-03	8.71E-04	0.00E+00	2.06E-03	**4.41E-03**
558710.094160295	558710	4160295	WRKR_737	4.25E-03	6.26E-04	3.21E-03	1.53E-03	**9.62E-03**	1.89E-03	8.87E-04	1.65E-03	1.71E-03	**6.13E-03**	1.01E-03	8.59E-04	1.15E-05	1.89E-03	**3.77E-03**	1.17E-03	1.04E-03	0.00E+00	2.66E-03	**4.87E-03**
558710.094160305	558710	4160305	WRKR_738	4.52E-03	6.31E-04	3.45E-03	1.53E-03	**1.01E-02**	2.01E-03	8.95E-04	1.76E-03	1.71E-03	**6.39E-03**	1.08E-03	8.66E-04	1.23E-05	1.90E-03	**3.85E-03**	1.24E-03	1.05E-03	0.00E+00	2.68E-03	**4.97E-03**
558710.094160315	558710	4160315	WRKR_739	4.80E-03	6.36E-04	3.69E-03	1.54E-03	**1.07E-02**	2.14E-03	9.01E-04	1.89E-03	1.72E-03	**6.65E-03**	1.14E-03	8.73E-04	1.32E-05	1.90E-03	**3.93E-03**	1.32E-03	1.06E-03	0.00E+00	2.68E-03	**5.06E-03**
558710.094160325	558710	4160325	WRKR_740	5.10E-03	6.41E-04	3.96E-03	1.55E-03	**1.12E-02**	2.27E-03	9.09E-04	2.03E-03	1.73E-03	**6.93E-03**	1.21E-03	8.80E-04	1.42E-05	1.92E-03	**4.02E-03**	1.40E-03	1.07E-03	0.00E+00	2.70E-03	**5.16E-03**
558710.094160335	558710	4160335	WRKR_741	5.42E-03	6.46E-04	4.24E-03	1.55E-03	**1.19E-02**	2.41E-03	9.16E-04	2.17E-03	1.74E-03	**7.23E-03**	1.29E-03	8.87E-04	1.52E-05	1.92E-03	**4.11E-03**	1.49E-03	1.08E-03	0.00E+00	2.71E-03	**5.27E-03**
558720.094160295	558720	4160295	WRKR_742	4.28E-03	5.48E-04	3.26E-03	1.32E-03	**9.41E-03**	1.91E-03	7.77E-04	1.67E-03	1.47E-03	**5.82E-03**	1.02E-03	7.52E-04	1.17E-05	1.63E-03	**3.41E-03**	1.18E-03	9.13E-04	0.00E+00	2.30E-03	**4.38E-03**
558720.094160305	558720	4160305	WRKR_743	4.55E-03	3.84E-04	3.49E-03	8.54E-04	**9.27E-03**	2.02E-03	5.45E-04	1.79E-03	9.55E-04	**5.31E-03**	1.08E-03	5.28E-04	1.25E-05	1.06E-03	**2.68E-03**	1.25E-03	6.41E-04	0.00E+00	1.49E-03	**3.38E-03**
558720.094160315	558720	4160315	WRKR_744	4.83E-03	5.56E-04	3.73E-03	1.35E-03	**1.05E-02**	2.15E-03	7.88E-04	1.91E-03	1.51E-03	**6.36E-03**	1.15E-03	7.63E-04	1.34E-05	1.67E-03	**3.60E-03**	1.32E-03	9.26E-04	0.00E+00	2.35E-03	**4.60E-03**
558720.094160325	558720	4160325	WRKR_745	5.13E-03	5.67E-04	4.00E-03	1.37E-03	**1.11E-02**	2.28E-03	8.04E-04	2.05E-03	1.53E-03	**6.66E-03**	1.22E-03	7.79E-04	1.43E-05	1.69E-03	**3.70E-03**	1.41E-03	9.45E-04	0.00E+00	2.38E-03	**4.73E-03**
558612.684160297	558613	4160297	WRKR_746	3.99E-03	1.76E-04	2.86E-03	3.45E-04	**7.38E-03**	1.78E-03	2.50E-04	1.47E-03	3.86E-04	**3.88E-03**	9.49E-04	2.42E-04	1.03E-05	4.28E-04	**1.63E-03**	1.09E-03	2.93E-04	0.00E+00	6.02E-04	**1.99E-03**
558612.684160307	558613	4160307	WRKR_747	4.26E-03	1.83E-04	3.07E-03	3.60E-04	**7.87E-03**	1.89E-03	2.60E-04	1.57E-03	4.03E-04	**4.13E-03**	1.01E-03	2.52E-04	1.10E-05	4.46E-04	**1.72E-03**	1.17E-03	3.06E-04	0.00E+00	6.28E-04	**2.10E-03**
558612.684160317	558613	4160317	WRKR_748	4.55E-03	1.92E-04	3.30E-03	3.77E-04	**8.42E-03**	2.02E-03	2.72E-04	1.69E-03	4.22E-04	**4.41E-03**	1.08E-03	2.63E-04	1.18E-05	4.67E-04	**1.82E-03**	1.25E-03	3.19E-04	0.00E+00	6.58E-04	**2.22E-03**
558612.684160327	558613	4160327	WRKR_749	4.86E-03	2.01E-04	3.56E-03	3.97E-04	**9.02E-03**	2.16E-03	2.86E-04	1.82E-03	4.44E-04	**4.72E-03**	1.16E-03	2.76E-04	1.28E-05	4.92E-04	**1.94E-03**	1.33E-03	3.36E-04	0.00E+00	6.93E-04	**2.36E-03**
558612.684160337	558613	4160337	WRKR_750	5.21E-03	2.13E-04	3.85E-03	4.22E-04	**9.69E-03**	2.32E-03	3.02E-04	1.97E-03	4.72E-04	**5.06E-03**	1.24E-03	2.93E-04	1.38E-05	5.23E-04	**2.07E-03**	1.43E-03	3.55E-04	0.00E+00	7.36E-04	**2.52E-03**
558622.684160297	558623	4160297	WRKR_751	4.02E-03	1.89E-04	2.89E-03	3.73E-04	**7.48E-03**	1.79E-03	2.68E-04	1.48E-03	4.17E-04	**3.96E-03**	9.57E-04	2.60E-04	1.04E-05	4.62E-04	**1.69E-03**	1.10E-03	3.15E-04	0.00E+00	6.50E-04	**2.07E-03**
558622.684160307	558623	4160307	WRKR_752	4.29E-03	1.97E-04	3.11E-03	3.88E-04	**7.98E-03**	1.91E-03	2.79E-04	1.59E-03	4.33E-04	**4.21E-03**	1.02E-03	2.70E-04	1.11E-05	4.80E-04	**1.78E-03**	1.18E-03	3.28E-04	0.00E+00	6.76E-04	**2.18E-03**
558622.684160317	558623	4160317	WRKR_753	4.58E-03	2.05E-04	3.35E-03	4.05E-04	**8.54E-03**	2.04E-03	2.91E-04	1.71E-03	4.53E-04	**4.50E-03**	1.09E-03	2.81E-04	1.20E-05	5.02E-04	**1.88E-03**	1.26E-03	3.42E-04	0.00E+00	7.06E-04	**2.30E-03**
558622.684160327	558623	4160327	WRKR_754	4.90E-03	2.15E-04	3.61E-03	4.25E-04	**9.15E-03**	2.18E-03	3.05E-04	1.85E-03	4.75E-04	**4.81E-03**	1.17E-03	2.95E-04	1.29E-05	5.27E-04	**2.00E-03**	1.34E-03	3.58E-04	0.00E+00	7.42E-04	**2.44E-03**
558622.684160337	558623	4160337	WRKR_755	5.25E-03	2.27E-04	3.90E-03	4.51E-04	**9.82E-03**	2.34E-03	3.22E-04	2.00E-03	5.04E-04	**5.16E-03**	1.25E-03	3.12E-04	1.40E-05	5.59E-04	**2.13E-03**	1.44E-03	3.79E-04	0.00E+00	7.87E-04	**2.60E-03**
558632.684160297	558633	4160297	WRKR_756	4.06E-03	2.05E-04	2.93E-03	4.06E-04	**7.60E-03**	1.81E-03	2.90E-04	1.50E-03	4.54E-04	**4.05E-03**	9.65E-04	2.81E-04	1.05E-05	5.03E-04	**1.76E-03**	1.11E-03	3.41E-04	0.00E+00	7.08E-04	**2.16E-03**
558632.684160307	558633	4160307	WRKR_757	4.32E-03	2.12E-04	3.15E-03	4.21E-04	**8.11E-03**	1.93E-03	3.01E-04	1.61E-03	4.70E-04	**4.31E-03**	1.03E-03	2.91E-04	1.13E-05	5.21E-04	**1.85E-03**	1.19E-03	3.54E-04	0.00E+00	7.33E-04	**2.27E-03**
558632.684160317	558633	4160317	WRKR_758	4.62E-03	2.21E-04	3.39E-03	4.38E-04	**8.67E-03**	2.06E-03	3.13E-04	1.74E-03	4.89E-04	**4.59E-03**	1.10E-03	3.03E-04	1.22E-05	5.42E-04	**1.96E-03**	1.27E-03	3.67E-04	0.00E+00	7.64E-04	**2.40E-03**
558632.684160327	558633	4160327	WRKR_759	4.94E-03	2.30E-04	3.66E-03	4.59E-04	**9.28E-03**	2.20E-03	3.27E-04	1.87E-03	5.13E-04	**4.91E-03**	1.17E-03	3.16E-04	1.31E-05	5.68E-04	**2.07E-03**	1.35E-03	3.84E-04	0.00E+00	8.00E-04	**2.54E-03**
558632.684160337	558633	4160337	WRKR_760	5.28E-03	2.43E-04	3.95E-03	4.85E-04	**9.96E-03**	2.35E-03	3.45E-04	2.02E-03	5.42E-04	**5.26E-03**	1.26E-03	3.34E-04	1.42E-05	6.01E-04	**2.21E-03**	1.45E-03	4.05E-04	0.00E+00	8.46E-04	**2.70E-03**
558642.684160297	558643	4160297	WRKR_761	4.10E-03	2.25E-04	2.98E-03	4.49E-04	**7.75E-03**	1.82E-03	3.19E-04	1.52E-03	5.02E-04	**4.17E-03**	9.75E-04	3.09E-04	1.07E-05	5.56E-04	**1.85E-03**	1.12E-03	3.75E-04	0.00E+00	7.83E-04	**2.28E-03**
558642.684160307	558643	4160307	WRKR_762	4.36E-03	2.31E-04	3.19E-03	4.61E-04	**8.24E-03**	1.94E-03	3.27E-04	1.64E-03	5.15E-04	**4.42E-03**	1.04E-03	3.17E-04	1.14E-05	5.71E-04	**1.94E-03**	1.20E-03	3.85E-04	0.00E+00	8.03E-04	**2.38E-

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				AG	AH	AL	AJ	E	G	F	H	AG	AH	AL	AJ	E	G	F	H	AG	AH	AL	AJ	E	G	F	H
				Year 1 Project Concentrations (μg/m³)								**Year 2 Project Concentrations (μg/m³)**								**Year 3 Project Concentrations (μg/m³)**								**Year 4 Project Concentrations (μg/m³)**							
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**				**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**				**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**				**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**			
558652.684160297	558653	4160297	WRKR_766	4.13E-03	2.48E-04	3.02E-03	4.99E-04	**7.89E-03**				1.84E-03	3.52E-04	1.54E-03	5.58E-04	**4.29E-03**				9.82E-04	3.41E-04	1.08E-05	6.18E-04	**1.95E-03**				1.13E-03	4.14E-04	0.00E+00	8.71E-04	**2.42E-03**			
558652.684160307	558653	4160307	WRKR_767	4.40E-03	2.54E-04	3.24E-03	5.12E-04	**8.40E-03**				1.96E-03	3.60E-04	1.66E-03	5.72E-04	**4.55E-03**				1.05E-03	3.49E-04	1.16E-05	6.34E-04	**2.04E-03**				1.21E-03	4.24E-04	0.00E+00	8.93E-04	**2.52E-03**			
558652.684160317	558653	4160317	WRKR_768	4.69E-03	2.62E-04	3.49E-03	5.29E-04	**8.97E-03**				2.09E-03	3.72E-04	1.79E-03	5.91E-04	**4.84E-03**				1.12E-03	3.60E-04	1.25E-05	6.55E-04	**2.14E-03**				1.29E-03	4.37E-04	0.00E+00	9.22E-04	**2.65E-03**			
558652.684160327	558653	4160327	WRKR_769	5.01E-03	2.72E-04	3.76E-03	5.49E-04	**9.59E-03**				2.23E-03	3.85E-04	1.92E-03	6.13E-04	**5.15E-03**				1.19E-03	3.73E-04	1.35E-05	6.80E-04	**2.26E-03**				1.37E-03	4.53E-04	0.00E+00	9.57E-04	**2.78E-03**			
558652.684160337	558653	4160337	WRKR_770	5.36E-03	2.84E-04	4.05E-03	5.76E-04	**1.03E-02**				2.38E-03	4.03E-04	2.08E-03	6.43E-04	**5.51E-03**				1.27E-03	3.90E-04	1.45E-05	7.13E-04	**2.39E-03**				1.47E-03	4.74E-04	0.00E+00	1.00E-03	**2.95E-03**			
558662.684160297	558663	4160297	WRKR_771	4.17E-03	2.79E-04	3.06E-03	5.69E-04	**8.08E-03**				1.86E-03	3.96E-04	1.57E-03	6.36E-04	**4.46E-03**				9.92E-04	3.83E-04	1.10E-05	7.04E-04	**2.09E-03**				1.14E-03	4.66E-04	0.00E+00	9.92E-04	**2.60E-03**			
558662.684160307	558663	4160307	WRKR_772	4.44E-03	2.85E-04	3.29E-03	5.80E-04	**8.59E-03**				1.98E-03	4.04E-04	1.68E-03	6.48E-04	**4.71E-03**				1.06E-03	3.91E-04	1.18E-05	7.18E-04	**2.18E-03**				1.22E-03	4.74E-04	0.00E+00	1.01E-03	**2.70E-03**			
558662.684160317	558663	4160317	WRKR_773	4.73E-03	2.91E-04	3.53E-03	5.94E-04	**9.15E-03**				2.10E-03	4.13E-04	1.81E-03	6.64E-04	**4.99E-03**				1.12E-03	4.00E-04	1.27E-05	7.36E-04	**2.27E-03**				1.30E-03	4.85E-04	0.00E+00	1.04E-03	**2.82E-03**			
558662.684160327	558663	4160327	WRKR_774	5.04E-03	3.00E-04	3.81E-03	6.13E-04	**9.76E-03**				2.24E-03	4.25E-04	1.95E-03	6.85E-04	**5.30E-03**				1.20E-03	4.12E-04	1.36E-05	7.59E-04	**2.38E-03**				1.38E-03	5.00E-04	0.00E+00	1.07E-03	**2.95E-03**			
558662.684160337	558663	4160337	WRKR_775	5.39E-03	3.12E-04	4.10E-03	6.39E-04	**1.04E-02**				2.40E-03	4.42E-04	2.10E-03	7.14E-04	**5.65E-03**				1.28E-03	4.28E-04	1.47E-05	7.91E-04	**2.52E-03**				1.48E-03	5.20E-04	0.00E+00	1.11E-03	**3.11E-03**			
558672.684160297	558673	4160297	WRKR_776	4.20E-03	3.16E-04	3.10E-03	6.54E-04	**8.27E-03**				1.87E-03	4.48E-04	1.59E-03	7.31E-04	**4.63E-03**				9.98E-04	4.34E-04	1.11E-05	8.10E-04	**2.25E-03**				1.15E-03	5.27E-04	0.00E+00	1.14E-03	**2.82E-03**			
558672.684160307	558673	4160307	WRKR_777	4.47E-03	3.23E-04	3.33E-03	6.68E-04	**8.79E-03**				1.99E-03	4.57E-04	1.71E-03	7.47E-04	**4.90E-03**				1.06E-03	4.43E-04	1.19E-05	8.27E-04	**2.35E-03**				1.23E-03	5.37E-04	0.00E+00	1.16E-03	**2.93E-03**			
558672.684160317	558673	4160317	WRKR_778	4.76E-03	3.29E-04	3.58E-03	6.82E-04	**9.36E-03**				2.12E-03	4.67E-04	1.84E-03	7.63E-04	**5.18E-03**				1.13E-03	4.52E-04	1.28E-05	8.45E-04	**2.44E-03**				1.31E-03	5.49E-04	0.00E+00	1.19E-03	**3.04E-03**			
558672.684160327	558673	4160327	WRKR_779	5.07E-03	3.37E-04	3.85E-03	6.99E-04	**9.96E-03**				2.26E-03	4.78E-04	1.97E-03	7.81E-04	**5.49E-03**				1.21E-03	4.63E-04	1.38E-05	8.66E-04	**2.55E-03**				1.39E-03	5.62E-04	0.00E+00	1.22E-03	**3.17E-03**			
558672.684160337	558673	4160337	WRKR_780	5.41E-03	3.48E-04	4.15E-03	7.23E-04	**1.06E-02**				2.41E-03	4.93E-04	2.12E-03	8.08E-04	**5.84E-03**				1.29E-03	4.78E-04	1.49E-05	8.96E-04	**2.68E-03**				1.48E-03	5.80E-04	0.00E+00	1.26E-03	**3.33E-03**			
558543.584160290	558544	4160291	WRKR_781	3.75E-03	1.18E-04	2.71E-03	2.29E-04	**6.81E-03**				1.67E-03	1.67E-04	1.39E-03	2.56E-04	**3.48E-03**				8.92E-04	1.62E-04	9.70E-06	2.84E-04	**1.35E-03**				1.03E-03	1.97E-04	0.00E+00	3.99E-04	**1.62E-03**			
558553.584160300	558554	4160301	WRKR_782	3.99E-03	1.30E-04	2.86E-03	2.52E-04	**7.24E-03**				1.78E-03	1.84E-04	1.47E-03	2.82E-04	**3.71E-03**				9.49E-04	1.78E-04	1.03E-05	3.12E-04	**1.45E-03**				1.09E-03	2.16E-04	0.00E+00	4.39E-04	**1.75E-03**			
558553.584160310	558554	4160311	WRKR_783	4.24E-03	1.36E-04	3.05E-03	2.64E-04	**7.69E-03**				1.89E-03	1.93E-04	1.56E-03	2.95E-04	**3.94E-03**				1.01E-03	1.86E-04	1.09E-05	3.27E-04	**1.53E-03**				1.16E-03	2.26E-04	0.00E+00	4.61E-04	**1.85E-03**			
558553.584160320	558554	4160321	WRKR_784	4.53E-03	1.43E-04	3.25E-03	2.78E-04	**8.20E-03**				2.02E-03	2.02E-04	1.67E-03	3.11E-04	**4.20E-03**				1.08E-03	1.96E-04	1.17E-05	3.44E-04	**1.63E-03**				1.24E-03	2.38E-04	0.00E+00	4.85E-04	**1.96E-03**			
558553.584160330	558554	4160331	WRKR_785	4.84E-03	1.50E-04	3.49E-03	2.93E-04	**8.77E-03**				2.15E-03	2.13E-04	1.79E-03	3.27E-04	**4.48E-03**				1.15E-03	2.06E-04	1.25E-05	3.62E-04	**1.73E-03**				1.33E-03	2.50E-04	0.00E+00	5.10E-04	**2.09E-03**			
558563.584160300	558564	4160301	WRKR_786	4.00E-03	1.37E-04	2.87E-03	2.66E-04	**7.27E-03**				1.78E-03	1.94E-04	1.47E-03	2.97E-04	**3.74E-03**				9.52E-04	1.88E-04	1.03E-05	3.30E-04	**1.48E-03**				1.10E-03	2.28E-04	0.00E+00	4.64E-04	**1.79E-03**			
558563.584160310	558564	4160311	WRKR_787	4.26E-03	1.43E-04	3.06E-03	2.79E-04	**7.74E-03**				1.90E-03	2.03E-04	1.57E-03	3.12E-04	**3.98E-03**				1.01E-03	1.97E-04	1.10E-05	3.46E-04	**1.57E-03**				1.17E-03	2.39E-04	0.00E+00	4.87E-04	**1.90E-03**			
558563.584160320	558564	4160321	WRKR_788	4.55E-03	1.51E-04	3.27E-03	2.94E-04	**8.26E-03**				2.02E-03	2.14E-04	1.67E-03	3.29E-04	**4.24E-03**				1.08E-03	2.07E-04	1.17E-05	3.64E-04	**1.67E-03**				1.25E-03	2.51E-04	0.00E+00	5.13E-04	**2.01E-03**			
558563.584160330	558564	4160331	WRKR_789	4.86E-03	1.59E-04	3.51E-03	3.10E-04	**8.84E-03**				2.17E-03	2.25E-04	1.80E-03	3.47E-04	**4.53E-03**				1.16E-03	2.18E-04	1.26E-05	3.84E-04	**1.77E-03**				1.33E-03	2.65E-04	0.00E+00	5.41E-04	**2.14E-03**			
558573.584160300	558574	4160301	WRKR_790	4.02E-03	1.45E-04	2.88E-03	2.81E-04	**7.32E-03**				1.79E-03	2.05E-04	1.47E-03	3.14E-04	**3.78E-03**				9.56E-04	1.98E-04	1.03E-05	3.48E-04	**1.51E-03**				1.10E-03	2.41E-04	0.00E+00	4.90E-04	**1.83E-03**			
558573.584160310	558574	4160311	WRKR_791	4.28E-03	1.51E-04	3.07E-03	2.95E-04	**7.80E-03**				1.91E-03	2.15E-04	1.57E-03	3.30E-04	**4.02E-03**				1.02E-03	2.08E-04	1.10E-05	3.66E-04	**1.60E-03**				1.18E-03	2.52E-04	0.00E+00	5.15E-04	**1.94E-03**			
558573.584160320	558574	4160321	WRKR_792	4.57E-03	1.59E-04	3.29E-03	3.11E-04	**8.33E-03**				2.04E-03	2.26E-04	1.69E-03	3.48E-04	**4.29E-03**				1.09E-03	2.19E-04	1.18E-05	3.85E-04	**1.70E-03**				1.25E-03	2.66E-04	0.00E+00	5.43E-04	**2.06E-03**			
558573.584160330	558574	4160331	WRKR_793	4.89E-03	1.68E-04	3.54E-03	3.29E-04	**8.93E-03**				2.18E-03	2.38E-04	1.81E-03	3.67E-04	**4.60E-03**				1.16E-03	2.31E-04	1.27E-05	4.07E-04	**1.81E-03**				1.34E-03	2.80E-04	0.00E+00	5.73E-04	**2.20E-03**			
558583.584160300	558584	4160301	WRKR_794	4.04E-03	1.53E-04	2.89E-03	2.98E-04	**7.38E-03**				1.80E-03	2.17E-04	1.48E-03	3.33E-04	**3.83E-03**				9.62E-04	2.10E-04	1.04E-05	3.69E-04	**1.55E-03**				1.11E-03	2.55E-04	0.00E+00	5.20E-04	**1.88E-03**			
558583.584160310	558584	4160311	WRKR_795	4.31E-03	1.60E-04	3.09E-03	3.12E-04	**7.87E-03**				1.92E-03	2.27E-04	1.58E-03	3.49E-04	**4.08E-03**				1.03E-03	2.20E-04	1.11E-05	3.87E-04	**1.64E-03**				1.18E-03	2.67E-04	0.00E+00	5.45E-04	**1.99E-03**			
558583.584160320	558584	4160321	WRKR_796	4.60E-03	1.69E-04	3.32E-03	3.29E-04	**8.42E-03**				2.05E-03	2.39E-04	1.70E-03	3.68E-04	**4.35E-03**				1.09E-03	2.31E-04	1.19E-05	4.08E-04	**1.75E-03**				1.26E-03	2.81E-04	0.00E+00	5.74E-04	**2.12E-03**			
558583.584160330	558584	4160331	WRKR_797	4.92E-03	1.78E-04	3.57E-03	3.48E-04	**9.02E-03**				2.19E-03	2.52E-04	1.83E-03	3.89E-04	**4.66E-03**				1.17E-03	2.44E-04	1.28E-05	4.32E-04	**1.86E-03**				1.35E-03	2.96E-04	0.00E+00	6.08E-04	**2.25E-03**			
558593.584160330	558594	4160331	WRKR_798	4.96E-03	1.89E-04	3.61E-03	3.70E-04	**9.13E-03**				2.21E-03	2.68E-04	1.85E-03	4.14E-04	**4.74E-03**				1.18E-03	2.59E-04	1.29E-05	4.59E-04	**1.91E-03**				1.36E-03	3.15E-04	0.00E+00	6.46E-04	**2.32E-03**			
558455.354160303	558455	4160304	WRKR_799	4.25E-03	7.95E-05	3.17E-03	1.54E-04	**7.65E-03**				1.89E-03	1.13E-04	1.62E-03	1.72E-04	**3.80E-03**				1.01E-03	1.09E-04	1.14E-05	1.91E-04	**1.32E-03**				1.17E-03	1.33E-04	0.00E+00	2.68E-04	**1.57E-03**			
558455.354160313	558455	4160314	WRKR_800	4.48E-03	8.23E-05	3.33E-03	1.59E-04	**8.05E-03**				2.00E-03	1.17E-04	1.70E-03	1.78E-04	**3.99E-03**				1.07E-03	1.13E-04	1.19E-05	1.97E-04	**1.39E-03**				1.23E-03	1.37E-04	0.00E+00	2.77E-04	**1.64E-03**			
558455.354160323	558455	4160324	WRKR_801	4.74E-03	8.53E-05	3.51E-03	1.65E-04	**8.50E-03**				2.11E-03	1.21E-04	1.80E-03	1.84E-04	**4.21E-03**				1.13E-03	1.17E-04	1.26E-05	2.04E-04	**1.46E-03**				1.30E-03	1.42E-04	0.00E+00	2.88E-04	**1.73E-03**			
558455.354160333	558455	4160334	WRKR_802	5.02E-03	8.84E-05	3.70E-03	1.71E-04	**8.99E-03**				2.24E-03	1.25E-04	1.90E-03	1.91E-04	**4.45E-03**				1.19E-03	1.21E-04	1.33E-05	2.12E-04	**1.54E-03**				1.38E-03	1.47E-04	0.00E+00	2.98E-04	**1.82E-03**			
558455.354160343	558455	4160344	WRKR_803	5.34E-03	9.16E-05	3.92E-03	1.77E-04	**9.53E-03**				2.38E-03	1.30E-04	2.01E-03	1.98E-04	**4.71E-03**				1.27E-03	1.26E-04	1.41E-05	2.19E-04	**1.63E-03**				1.46E-03	1.53E-04	0.00E+00	3.09E-04	**1.93E-03**			
558465.354160303	558465	4160304	WRKR_804	4.20E-03	8.34E-05	3.12E-03	1.61E-04	**7.56E-03**				1.87E-03	1.18E-04	1.60E-03	1.80E-04	**3.76E-03**				9.98E-04	1.14E-04	1.12E-05	2.00E-04	**1.32E-03**				1.15E-03	1.39E-04	0.00E+00	2.81E-04	**1.57E-03**			
558465.354160313	558465	4160314	WRKR_805	4.43E-03	8.64E-05	3.28E-03	1.67E-04	**7.96E-03**				1.97E-03	1.22E-04	1.68E-03	1.87E-04	**3.96E-03**				1.05E-03	1.19E-04	1.17E-05	2.07E-04	**1.39E-03**				1.22E-03	1.44E-04	0.00E+00	2.91E-04	**1.65E-03**			
558465.354160323	558465	4160324	WRKR_806	4.69E-03	8.96E-05	3.46E-03	1.73E-04	**8.41E-03**				2.09E-03	1.27E-04	1.77E-03	1.94E-04	**4.18E-03**				1.12E-03	1.23E-04	1.24E-05	2.15E-04	**1.47E-03**				1.29E-03	1.49E-04	0.00E+00	3.02E-04	**1.74E-03**			
558465.354160333	558465	4160334	WRKR_807	4.98E-03	9.29E-05	3.65E-03	1.80E-04	**8.90E-03**				2.21E-03	1.32E-04	1.87E-03	2.01E-04	**4.42E-03**				1.18E-03	1.27E-04	1.31E-05	2.23E-04	**1.55E-03**				1.36E-03	1.55E-04	0.00E+00	3.13E-04	**1.83E-03**			
558465.354160343	558465	4160344	WRKR_808	5.29E-03	9.65E-05	3.88E-03	1.87E-04	**9.45E-03**				2.36E-03	1.37E-04	1.98E-03	2.09E-04	**4.69E-03**				1.26E-03	1.32E-04	1.39E-05	2.31E-04	**1.64E-03**				1.45E-03	1.61E-04	0.00E+00	3.26E-04	**1.94E-03**			
558475.354160303	558475	4160304	WRKR_809	4.15E-03	8.74E-05	3.07E-03	1.69E-04	**7.48E-03**				1.85E-03	1.24E-04	1.57E-03	1.89E-04	**3.73E-03**				9.88E-04	1.20E-04	1.10E-05	2.09E-04	**1.33E-03**				1.14E-03	1.46E-04	0.00E+00	2.95E-04	**1.58E-03**			
558475.354160313	558475	4160314	WRKR_810	4.39E-03	9.07E-05	3.23E-03	1.75E-04	**7.89E-03**				1.95E-03	1.29E-04	1.66E-03	1.96E-04	**3.93E-03**				1.04E-03	1.24E-04	1.16E-05	2.17E-04	**1.40E-03**				1.20E-03	1.51E-04	0.00E+00	3.06E-04	**1.66E-03**			
558475.354160323	558475	4160324	WRKR_811	4.65E-03	9.42E-05	3.41E-03	1.82E-04	**8.34E-03**				2.07E-03	1.34E-04	1.75E-03	2.04E-04	**4.15E-03**				1.11E-03	1.29E-04	1.22E-05	2.26E-04	**1.47E-03**				1.28E-03	1.57E-04	0.00E+00	3.18E-04	**1.75E-03**			
558475.354160333	558475	4160334	WRKR_812	4.94E-03	9.79E-05	3.61E-03	1.89E-04	**8.84E-03**				2.20E-03	1.39E-04	1.85E-03	2.12E-04	**4.40E-03**				1.17E-03	1.34E-04	1.29E-05	2.35E-04	**1.56E-03**				1.35E-03	1.63E-04	0.00E+00	3.30E-04	**1.85E-03**			
558475.354160343	558475	4160344	WRKR_813	5.26E-03	1.02E-04	3.84E-03	1.97E-04	**9.40E-03**				2.34E-03	1.44E-04	1.97E-03	2.20E-04	**4.67E-03**				1.25E-03	1.40E-04	1.38E-05	2.44E-04	**1.65E-03**				1.44E-03	1.70E-04	0.00E+00	3.44E-04	**1.96E-03**			
558485.354160303	558485	4160304	WRKR_814	4.12E-03	9.19E-05	3.03E-03	1.78E-04	**7.42E-03**				1.83E-03	1.30E-04	1.55E-03	1.99E-04	**3.71E-03**				9.79E-04	1.26E-04	1.09E-05	2.20E-04	**1.34E-03**				1.13E-03	1.53E-04	0.00E+00	3.10E-04	**1.59E-03**			
558485.354160313	558485	4160314	WRKR_815	4.35E-03	9.51E-05	3.19E-03	1.84E-04	**7.82E-03**				1.94E-03	1.35E-04	1.64E-03	2.06E-04	**3.91E-03**				1.04E-03	1.30E-04	1.14E-05	2.28E-04	**1.41E-03**				1.19E-03	1.58E-04	0.00E+00	3.21E-04	**1.67E-03**			
558485.354160323	558485	4160324	WRKR_816	4.62E-03	9.92E-05	3.38E-03	1.92E-04	**8.29E-03**				2.06E-03	1.41E-04	1.73E-03	2.15E-04	**4.14E-03**				1.10E-03	1.36E-04	1.21E-05	2.38E-04	**1.48E-03**				1.27E-03	1.65E-04	0.00E+00	3.35E-04	**1.77E-03**			
558485.354160333	558485	4160334	WRKR_817	4.91E-03	1.03E-04	3.58E-03	2.00E-04	**8.79E-03**				2.19E-03	1.46E-04	1.83E-03	2.23E-04	**4.39E-03**				1.17E-03	1.42E-04	1.28E-05	2.48E-04	**1.57E-03**				1.35E-03	1.72E-04	0.00E+00	3.48E-04	**1.87E-03**			
558485.354160343	558485	4160344	WRKR_818	5.24E-03	1.08E-04	3.81E-03	2.08E-04	**9.36E-03**				2.33E-03	1.53E-04	1.95E-03	2.33E-04	**4.67E-03**				1.25E-03	1.48E-04	1.37E-05	2.58E-04	**1.66E-03**				1.44E-03	1.79E-04	0.00E+00	3.63E-04	**1.98E-03**			
558495.354160303	558495	4160304	WRKR_819	4.09E-03	9.67E-05	3.00E-03	1.87E-04	**7.37E-03**				1.82E-03	1.37E-04	1.53E-03	2.09E-04	**3.70E-03**				9.73E-04	1.33E-04	1.07E-05	2.32E-04	**1.35E-03**				1.12E-03	1.61E-04	0.00E+00	3.26E-04	**1.61E-03**			
558495.354160313	558495	4160314	WRKR_820	4.33E-03	1.01E-04	3.16E-03	1.95E-04	**7.79E-03**				1.93E-03	1.43E-04	1.62E-03	2.18E-04	**3.91E-03**				1.03E-03	1.38E-04	1.13E-05	2.41E-04	**1.42E-03**				1.19E-03	1.68E-04	0.00E+00	3.40E-04	**1.69E-03**			
558495.354160323	558495	4160324	WRKR_821	4.60E-03	1.05E-04	3.35E-03	2.03E-04	**8.25E-03**				2.05E-03	1.48E-04	1.71E-03	2.27E-04	**4.14E-03**				1.09E-03	1.44E-04	1.20E-05	2.51E-04	**1.50E-03**				1.26E-03	1.74E-04	0.00E+00	3.54E-04	**1.79E-03**			
558495.354160333	558495	4160334	WRKR_822	4.89E-03	1.09E-04	3.56E-03	2.11E-04	**8.77E-03**				2.18E-03	1.55E-04	1.82E-03	2.36E-04	**4.39E-03**				1.16E-03	1.50E-04	1.27E-05	2.62E-04	**1.59E-03**				1.34E-03	1.82E-04	0.00E+00	3.68E-04	**1.89E-03**			
558495.354160343	558495	4160344	WRKR_823	5.22E-03	1.14E-04	3.79E-03	2.21E-04	**9.35E-03**				2.32E-03	1.62E-04	1.94E-03	2.47E-04	**4.67E-03**				1.24E-03	1.56E-04	1.36E-05	2.74E-04	**1.69E-03**				1.43E-03	1.90E-04	0.00E+00	3.85E-04	**2.01E-03**			
558505.354160303	558505	4160304	WRKR_824	4.07E-03	1.02E-04	2.97E-03	1.97E-04	**7.34E-03**				1.81E-03	1.44E-04	1.52E-03	2.20E-04	**3.70E-03**				9.68E-04	1.40E-04	1.06E-05	2.44E-04	**1.36E-03**				1.12E-03	1.70E-04	0.00E+00	3.44E-04	**1.63E-03**			
558505.354160313	558505	4160314	WRKR_825	4.31E-03	1.06E-04	3.14E-03	2.05E-04	**7.76E-03**				1.92E-03	1.50E-04	1.61E-03	2.30E-04	**3.91E-03**				1.03E-03	1.46E-04	1.12E-05	2.54E-04	**1.44E-03**				1.18E-03	1.77E-04	0.00E+00	3.58E-04	**1.72E-03**			
558505.354160323	558505	4160324	WRKR_826	4.58E-03	1.11E-04	3.33E-03	2.14E-04	**8.24E-03**				2.04E-03	1.57E-04	1.70E-03	2.39E-04	**4.14E-03**				1.09E-03	1.52E-04	1.19E-05	2.65E-04	**1.52E-03**				1.26E-03	1.84E-04	0.00E+00	3.74E-04	**1.81E-03**			
558505.354160333	558505	4160334	WRKR_827	4.88E-03	1.15E-04	3.54E-03	2.24E-04	**8.76E-03**				2.17E-03	1.64E-04	1.81E-03	2.50E-04	**4.40E-03**				1.16E-03	1.58E-04	1.27E-05	2.77E-04	**1.61E-03**				1.34E-03	1.92E-04	0.00E+00	3.90E-04	**1.92E-03**			
558515.354160303	558515	4160304	WRKR_828	4.05E-03	1.07E-04	2.95E-03	2.08E-04	**7.32E-03**				1.80E-03	1.52E-04	1.51E-03	2.33E-04	**3.70E-03**				9.64E-04	1.47E-04	1.06E-05	2.58E-04	**1.38E-03**				1.11E-03	1.79E-04	0.00E+00	3.63E-04	**1.65E-03**			
558515.354160313	558515	4160314	WRKR_829	4.30E-03	1.12E-04	3.12E-03	2.17E-04	**7.75E-03**				1.92E-03	1.59E-04	1.60E-03	2.42E-04	**3.91E-03**				1.02E-03	1.54E-04	1.12E-05	2.69E-04	**1.46E-03**				1.18E-03	1.86E-04	0.00E+00	3.78E-04	**1.74E-03**			
558515.354160323	558515	4160324	WRKR_830	4.58E-03	1.17E-04	3.31E-03	2.27E-04	**8.23E-03**				2.04E-03	1.66E-04	1.70E-03	2.53E-04	**4.15E-03**				1.09E-03	1.60E-04	1.19E-05	2.81E-04	**1.54E-03**				1.26E-03	1.95E-04	0.00E+00	3.95E-04	**1.84E-03**			
558515.354160333	558515	4160334	WRKR_831	4.88E-03	1.22E-04	3.53E-03	2.37E-04	**8.77E-03**				2.17E-03	1.73E-04	1.81E-03	2.65E-04	**4.42E-03**				1.16E-03	1.68E-04	1.27E-05	2.94E-04	**1.64E-03**				1.34E-03	2.04E-04	0.00E+00	4.14E-04	**1.96E-03**			
558525.354160303	558525	4160304	WRKR_832	4.05E-03	1.13E-04	2.93E-03	2.19E-04	**7.31E-03**				1.80E-03	1.60E-04	1.50E-03	2.45E-04	**3.71E-03**				9.63E-04	1.55E-04	1.05E-05	2.72E-04	**1.40E-03**				1.11E-03	1.88E-04	0.00E+00	3.82E-04	**1.68E-03**			
558525.354160313	558525	4160314	WRKR_833	4.30E-03	1.18E-04	3.11E-03	2.29E-04	**7.76E-03**				1.91E-03	1.67E-04	1.59E-03	2.56E-04	**3.93E-03**				1.02E-03	1.62E-04	1.11E-05	2.84E-04	**1.48E-03**				1.18E-03	1.97E-04	0.00E+00	4.00E-04	**1.78E-03**			
558525.354160323	558525	4160324	WRKR_834	4.58E-03	1.24E-04	3.31E-03	2.40E-04	**8.25E-03**				2.04E-03	1.75E-04	1.69E-03	2.68E-04	**4.17E-03**				1.09E-03	1.70E-04	1.18E-05	2.97E-04	**1.57E-03**				1.26E-03	2.06E-04	0.00E+00	4.18E-04	**1.88E-03**			
558525.354160333	558525	4160334	WRKR_835	4.89E-03	1.29E-04	3.53E-03	2.52E-04	**8.80E-03**				2.18E-03	1.84E-04	1.81E-03	2.81E-04	**4.45E-03**				1.16E-03	1.78E-04	1.26E-05

Annual PM2.5

				AG	AH	AL	AJ	E	G	F	H	AG	AH	AL	AJ	E	G	F	H	AG	AH	AL	AJ	E	G	F	H
				Year 1 Project Concentrations (μg/m³)								**Year 2 Project Concentrations (μg/m³)**								**Year 3 Project Concentrations (μg/m³)**								**Year 4 Project Concentrations (μg/m³)**							
XY	**X**	**Y**	**Type**	**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**				**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**				**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**				**OFFROAD**	**ONROAD**	**OFFROAD_DST**	**ONROAD_W**	**TOTAL**			
558626.674160229	558627	4160230	WRKR_843	2.75E-03	1.57E-04	1.95E-03	3.07E-04	**5.16E-03**				1.22E-03	2.23E-04	9.97E-04	3.43E-04	**2.79E-03**				6.54E-04	2.16E-04	6.97E-06	3.81E-04	**1.26E-03**				7.55E-04	2.62E-04	0.00E+00	5.36E-04	**1.55E-03**			
558626.674160239	558627	4160240	WRKR_844	2.90E-03	1.64E-04	2.05E-03	3.20E-04	**5.44E-03**				1.29E-03	2.32E-04	1.05E-03	3.58E-04	**2.93E-03**				6.91E-04	2.24E-04	7.35E-06	3.96E-04	**1.32E-03**				7.96E-04	2.73E-04	0.00E+00	5.58E-04	**1.63E-03**			
558626.674160249	558627	4160250	WRKR_845	3.07E-03	1.70E-04	2.17E-03	3.34E-04	**5.74E-03**				1.37E-03	2.41E-04	1.11E-03	3.73E-04	**3.09E-03**				7.30E-04	2.34E-04	7.78E-06	4.14E-04	**1.38E-03**				8.42E-04	2.84E-04	0.00E+00	5.82E-04	**1.71E-03**			
558636.674160229	558637	4160230	WRKR_846	2.77E-03	1.73E-04	1.95E-03	3.39E-04	**5.23E-03**				1.23E-03	2.45E-04	1.00E-03	3.79E-04	**2.86E-03**				6.58E-04	2.37E-04	7.00E-06	4.20E-04	**1.32E-03**				7.59E-04	2.88E-04	0.00E+00	5.91E-04	**1.64E-03**			
558636.674160239	558637	4160240	WRKR_847	2.92E-03	1.80E-04	2.06E-03	3.54E-04	**5.52E-03**				1.30E-03	2.55E-04	1.06E-03	3.95E-04	**3.01E-03**				6.95E-04	2.47E-04	7.39E-06	4.38E-04	**1.39E-03**				8.01E-04	2.99E-04	0.00E+00	6.17E-04	**1.72E-03**			
558636.674160249	558637	4160250	WRKR_848	3.09E-03	1.87E-04	2.18E-03	3.69E-04	**5.83E-03**				1.38E-03	2.65E-04	1.12E-03	4.12E-04	**3.17E-03**				7.35E-04	2.57E-04	7.83E-06	4.57E-04	**1.46E-03**				8.48E-04	3.12E-04	0.00E+00	6.43E-04	**1.80E-03**			
558646.674160229	558647	4160230	WRKR_849	2.78E-03	1.91E-04	1.96E-03	3.78E-04	**5.32E-03**				1.24E-03	2.71E-04	1.00E-03	4.23E-04	**2.94E-03**				6.62E-04	2.63E-04	7.03E-06	4.69E-04	**1.40E-03**				7.64E-04	3.19E-04	0.00E+00	6.60E-04	**1.74E-03**			
558646.674160239	558647	4160240	WRKR_850	2.94E-03	2.00E-04	2.08E-03	3.95E-04	**5.61E-03**				1.31E-03	2.83E-04	1.06E-03	4.42E-04	**3.10E-03**				7.00E-04	2.74E-04	7.44E-06	4.90E-04	**1.47E-03**				8.07E-04	3.33E-04	0.00E+00	6.90E-04	**1.83E-03**			
558646.674160249	558647	4160250	WRKR_851	3.11E-03	2.08E-04	2.20E-03	4.13E-04	**5.94E-03**				1.39E-03	2.94E-04	1.13E-03	4.61E-04	**3.27E-03**				7.40E-04	2.85E-04	7.89E-06	5.11E-04	**1.54E-03**				8.54E-04	3.46E-04	0.00E+00	7.20E-04	**1.92E-03**			
558656.674160229	558657	4160230	WRKR_852	2.80E-03	2.15E-04	1.98E-03	4.29E-04	**5.42E-03**				1.25E-03	3.05E-04	1.01E-03	4.80E-04	**3.04E-03**				6.67E-04	2.95E-04	7.08E-06	5.32E-04	**1.50E-03**				7.69E-04	3.58E-04	0.00E+00	7.48E-04	**1.88E-03**			
558656.674160239	558657	4160240	WRKR_853	2.96E-03	2.24E-04	2.09E-03	4.49E-04	**5.73E-03**				1.32E-03	3.18E-04	1.07E-03	5.02E-04	**3.21E-03**				7.05E-04	3.08E-04	7.50E-06	5.56E-04	**1.58E-03**				8.13E-04	3.74E-04	0.00E+00	7.83E-04	**1.97E-03**			
558666.674160229	558667	4160230	WRKR_854	2.83E-03	2.45E-04	1.99E-03	4.95E-04	**5.56E-03**				1.26E-03	3.48E-04	1.02E-03	5.53E-04	**3.18E-03**				6.72E-04	3.36E-04	7.14E-06	6.13E-04	**1.63E-03**				7.75E-04	4.08E-04	0.00E+00	8.64E-04	**2.05E-03**			
558666.674160239	558667	4160240	WRKR_855	2.99E-03	2.56E-04	2.11E-03	5.20E-04	**5.88E-03**				1.33E-03	3.63E-04	1.08E-03	5.81E-04	**3.36E-03**				7.11E-04	3.52E-04	7.57E-06	6.44E-04	**1.71E-03**				8.20E-04	4.27E-04	0.00E+00	9.07E-04	**2.15E-03**			
558676.674160229	558677	4160230	WRKR_856	2.85E-03	2.83E-04	2.01E-03	5.83E-04	**5.73E-03**				1.27E-03	4.02E-04	1.03E-03	6.52E-04	**3.35E-03**				6.78E-04	3.89E-04	7.21E-06	7.23E-04	**1.80E-03**				7.81E-04	4.72E-04	0.00E+00	1.02E-03	**2.27E-03**			
558676.674160239	558677	4160240	WRKR_857	3.01E-03	2.98E-04	2.14E-03	6.16E-04	**6.07E-03**				1.34E-03	4.22E-04	1.09E-03	6.89E-04	**3.55E-03**				7.17E-04	4.08E-04	7.66E-06	7.63E-04	**1.90E-03**				8.27E-04	4.96E-04	0.00E+00	1.07E-03	**2.40E-03**			
558686.674160229	558687	4160230	WRKR_858	2.87E-03	3.34E-04	2.04E-03	7.07E-04	**5.95E-03**				1.28E-03	4.74E-04	1.04E-03	7.91E-04	**3.59E-03**				6.83E-04	4.59E-04	7.29E-06	8.76E-04	**2.03E-03**				7.88E-04	5.57E-04	0.00E+00	1.23E-03	**2.58E-03**			
558686.674160239	558687	4160240	WRKR_859	3.04E-03	3.52E-04	2.16E-03	7.51E-04	**6.31E-03**				1.35E-03	4.99E-04	1.11E-03	8.39E-04	**3.80E-03**				7.23E-04	4.83E-04	7.75E-06	9.30E-04	**2.14E-03**				8.34E-04	5.86E-04	0.00E+00	1.31E-03	**2.73E-03**			
558696.674160229	558697	4160230	WRKR_860	2.90E-03	4.02E-04	2.06E-03	8.88E-04	**6.25E-03**				1.29E-03	5.71E-04	1.06E-03	9.93E-04	**3.91E-03**				6.90E-04	5.52E-04	7.38E-06	1.10E-03	**2.35E-03**				7.95E-04	6.71E-04	0.00E+00	1.55E-03	**3.01E-03**			
558696.674160239	558697	4160240	WRKR_861	3.07E-03	4.26E-04	2.19E-03	9.51E-04	**6.64E-03**				1.37E-03	6.04E-04	1.12E-03	1.06E-03	**4.16E-03**				7.30E-04	5.84E-04	7.86E-06	1.18E-03	**2.50E-03**				8.41E-04	7.10E-04	0.00E+00	1.66E-03	**3.21E-03**			
558706.674160229	558707	4160230	WRKR_862	2.93E-03	4.95E-04	2.09E-03	1.17E-03	**6.68E-03**				1.30E-03	7.02E-04	1.07E-03	1.31E-03	**4.38E-03**				6.96E-04	6.80E-04	7.48E-06	1.45E-03	**2.83E-03**				8.02E-04	8.25E-04	0.00E+00	2.04E-03	**3.67E-03**			
558706.674160239	558707	4160240	WRKR_863	3.10E-03	5.28E-04	2.22E-03	1.27E-03	**7.12E-03**				1.38E-03	7.48E-04	1.14E-03	1.42E-03	**4.69E-03**				7.36E-04	7.25E-04	7.97E-06	1.57E-03	**3.04E-03**				8.49E-04	8.80E-04	0.00E+00	2.21E-03	**3.94E-03**			
558716.674160229	558717	4160230	WRKR_864	2.95E-03	6.25E-04	2.12E-03	1.64E-03	**7.33E-03**				1.31E-03	8.86E-04	1.08E-03	1.83E-03	**5.12E-03**				7.02E-04	8.57E-04	7.59E-06	2.03E-03	**3.60E-03**				8.10E-04	1.04E-03	0.00E+00	2.86E-03	**4.71E-03**			
558716.674160239	558717	4160240	WRKR_865	3.12E-03	4.86E-04	2.26E-03	1.17E-03	**7.04E-03**				1.39E-03	6.89E-04	1.16E-03	1.31E-03	**4.55E-03**				7.43E-04	6.67E-04	8.09E-06	1.45E-03	**2.87E-03**				8.57E-04	8.10E-04	0.00E+00	2.05E-03	**3.71E-03**			
558420.214160235	558420	4160236	WRKR_866	3.34E-03	5.52E-05	2.57E-03	1.07E-04	**6.07E-03**				1.49E-03	7.83E-05	1.32E-03	1.19E-04	**3.00E-03**				7.94E-04	7.58E-05	9.21E-06	1.32E-04	**1.01E-03**				9.15E-04	9.20E-05	0.00E+00	1.86E-04	**1.19E-03**			
558420.214160245	558420	4160246	WRKR_867	3.47E-03	5.69E-05	2.67E-03	1.10E-04	**6.31E-03**				1.55E-03	8.07E-05	1.37E-03	1.23E-04	**3.12E-03**				8.26E-04	7.81E-05	9.57E-06	1.36E-04	**1.05E-03**				9.53E-04	9.48E-05	0.00E+00	1.92E-04	**1.24E-03**			
558420.214160255	558420	4160256	WRKR_868	3.62E-03	5.87E-05	2.78E-03	1.13E-04	**6.57E-03**				1.61E-03	8.32E-05	1.42E-03	1.27E-04	**3.24E-03**				8.61E-04	8.05E-05	9.95E-06	1.40E-04	**1.09E-03**				9.93E-04	9.77E-05	0.00E+00	1.98E-04	**1.29E-03**			
558430.214160235	558430	4160236	WRKR_869	3.27E-03	5.74E-05	2.51E-03	1.11E-04	**5.95E-03**				1.45E-03	8.14E-05	1.29E-03	1.24E-04	**2.95E-03**				7.77E-04	7.88E-05	9.00E-06	1.37E-04	**1.00E-03**				8.96E-04	9.57E-05	0.00E+00	1.94E-04	**1.19E-03**			
558430.214160245	558430	4160246	WRKR_870	3.40E-03	5.92E-05	2.61E-03	1.14E-04	**6.18E-03**				1.51E-03	8.39E-05	1.34E-03	1.28E-04	**3.06E-03**				8.09E-04	8.12E-05	9.35E-06	1.42E-04	**1.04E-03**				9.33E-04	9.86E-05	0.00E+00	1.99E-04	**1.23E-03**			
558430.214160255	558430	4160256	WRKR_871	3.55E-03	6.10E-05	2.71E-03	1.18E-04	**6.44E-03**				1.58E-03	8.65E-05	1.39E-03	1.32E-04	**3.19E-03**				8.44E-04	8.38E-05	9.72E-06	1.46E-04	**1.08E-03**				9.73E-04	1.02E-04	0.00E+00	2.06E-04	**1.28E-03**			
558440.214160235	558440	4160236	WRKR_872	3.20E-03	5.97E-05	2.46E-03	1.15E-04	**5.83E-03**				1.43E-03	8.47E-05	1.26E-03	1.29E-04	**2.90E-03**				7.62E-04	8.20E-05	8.80E-06	1.43E-04	**9.96E-04**				8.78E-04	9.96E-05	0.00E+00	2.01E-04	**1.18E-03**			
558440.214160245	558440	4160246	WRKR_873	3.34E-03	6.16E-05	2.55E-03	1.19E-04	**6.07E-03**				1.48E-03	8.74E-05	1.31E-03	1.33E-04	**3.01E-03**				7.93E-04	8.46E-05	9.14E-06	1.48E-04	**1.03E-03**				9.15E-04	1.03E-04	0.00E+00	2.08E-04	**1.23E-03**			
558440.214160255	558440	4160256	WRKR_874	3.48E-03	6.36E-05	2.65E-03	1.23E-04	**6.32E-03**				1.55E-03	9.01E-05	1.36E-03	1.37E-04	**3.13E-03**				8.27E-04	8.72E-05	9.50E-06	1.52E-04	**1.08E-03**				9.54E-04	1.06E-04	0.00E+00	2.14E-04	**1.27E-03**			
558450.214160235	558450	4160236	WRKR_875	3.14E-03	6.21E-05	2.40E-03	1.20E-04	**5.73E-03**				1.40E-03	8.80E-05	1.23E-03	1.34E-04	**2.85E-03**				7.48E-04	8.52E-05	8.61E-06	1.49E-04	**9.90E-04**				8.62E-04	1.03E-04	0.00E+00	2.09E-04	**1.17E-03**			
558450.214160245	558450	4160246	WRKR_876	3.27E-03	6.40E-05	2.50E-03	1.24E-04	**5.96E-03**				1.46E-03	9.08E-05	1.28E-03	1.38E-04	**2.97E-03**				7.79E-04	8.79E-05	8.94E-06	1.53E-04	**1.03E-03**				8.98E-04	1.07E-04	0.00E+00	2.16E-04	**1.22E-03**			
558450.214160255	558450	4160256	WRKR_877	3.42E-03	6.61E-05	2.60E-03	1.28E-04	**6.21E-03**				1.52E-03	9.38E-05	1.33E-03	1.43E-04	**3.09E-03**				8.13E-04	9.08E-05	9.30E-06	1.58E-04	**1.07E-03**				9.37E-04	1.10E-04	0.00E+00	2.23E-04	**1.27E-03**			
558460.214160235	558460	4160236	WRKR_878	3.09E-03	6.45E-05	2.35E-03	1.25E-04	**5.63E-03**				1.38E-03	9.15E-05	1.21E-03	1.39E-04	**2.81E-03**				7.35E-04	8.86E-05	8.43E-06	1.55E-04	**9.86E-04**				8.47E-04	1.08E-04	0.00E+00	2.18E-04	**1.17E-03**			
558460.214160245	558460	4160246	WRKR_879	3.22E-03	6.66E-05	2.45E-03	1.29E-04	**5.86E-03**				1.43E-03	9.45E-05	1.25E-03	1.44E-04	**2.92E-03**				7.66E-04	9.15E-05	8.76E-06	1.60E-04	**1.03E-03**				8.83E-04	1.11E-04	0.00E+00	2.25E-04	**1.22E-03**			
558460.214160255	558460	4160256	WRKR_880	3.36E-03	6.90E-05	2.54E-03	1.33E-04	**6.11E-03**				1.50E-03	9.78E-05	1.30E-03	1.49E-04	**3.05E-03**				7.99E-04	9.47E-05	9.11E-06	1.65E-04	**1.07E-03**				9.22E-04	1.15E-04	0.00E+00	2.33E-04	**1.27E-03**			
558470.214160235	558470	4160236	WRKR_881	3.04E-03	6.73E-05	2.31E-03	1.30E-04	**5.55E-03**				1.35E-03	9.54E-05	1.18E-03	1.45E-04	**2.78E-03**				7.23E-04	9.23E-05	8.27E-06	1.61E-04	**9.85E-04**				8.34E-04	1.12E-04	0.00E+00	2.27E-04	**1.17E-03**			
558470.214160245	558470	4160246	WRKR_882	3.17E-03	6.95E-05	2.40E-03	1.34E-04	**5.77E-03**				1.41E-03	9.86E-05	1.23E-03	1.50E-04	**2.89E-03**				7.54E-04	9.54E-05	8.59E-06	1.66E-04	**1.02E-03**				8.69E-04	1.16E-04	0.00E+00	2.34E-04	**1.22E-03**			
558470.214160255	558470	4160256	WRKR_883	3.31E-03	7.20E-05	2.50E-03	1.39E-04	**6.02E-03**				1.47E-03	1.02E-04	1.28E-03	1.56E-04	**3.01E-03**				7.87E-04	9.89E-05	8.94E-06	1.73E-04	**1.07E-03**				9.08E-04	1.20E-04	0.00E+00	2.43E-04	**1.27E-03**			
558480.214160235	558480	4160236	WRKR_884	2.99E-03	7.02E-05	2.27E-03	1.36E-04	**5.47E-03**				1.33E-03	9.95E-05	1.16E-03	1.52E-04	**2.74E-03**				7.12E-04	9.63E-05	8.12E-06	1.68E-04	**9.85E-04**				8.21E-04	1.17E-04	0.00E+00	2.37E-04	**1.17E-03**			
558480.214160245	558480	4160246	WRKR_885	3.13E-03	7.26E-05	2.36E-03	1.40E-04	**5.69E-03**				1.39E-03	1.03E-04	1.21E-03	1.57E-04	**2.86E-03**				7.43E-04	9.97E-05	8.44E-06	1.74E-04	**1.03E-03**				8.57E-04	1.21E-04	0.00E+00	2.45E-04	**1.22E-03**			
558480.214160255	558480	4160256	WRKR_886	3.27E-03	7.53E-05	2.45E-03	1.46E-04	**5.94E-03**				1.45E-03	1.07E-04	1.26E-03	1.63E-04	**2.98E-03**				7.77E-04	1.03E-04	8.79E-06	1.80E-04	**1.07E-03**				8.96E-04	1.25E-04	0.00E+00	2.54E-04	**1.28E-03**			
558490.214160235	558490	4160236	WRKR_887	2.95E-03	7.33E-05	2.23E-03	1.42E-04	**5.40E-03**				1.32E-03	1.04E-04	1.14E-03	1.58E-04	**2.72E-03**				7.03E-04	1.01E-04	7.97E-06	1.76E-04	**9.87E-04**				8.10E-04	1.22E-04	0.00E+00	2.47E-04	**1.18E-03**			
558490.214160245	558490	4160246	WRKR_888	3.08E-03	7.58E-05	2.31E-03	1.46E-04	**5.62E-03**				1.37E-03	1.07E-04	1.18E-03	1.64E-04	**2.83E-03**				7.33E-04	1.04E-04	8.29E-06	1.81E-04	**1.03E-03**				8.45E-04	1.26E-04	0.00E+00	2.55E-04	**1.23E-03**			
558490.214160255	558490	4160256	WRKR_889	3.23E-03	7.87E-05	2.41E-03	1.52E-04	**5.87E-03**				1.44E-03	1.12E-04	1.24E-03	1.70E-04	**2.95E-03**				7.67E-04	1.08E-04	8.64E-06	1.89E-04	**1.07E-03**				8.85E-04	1.31E-04	0.00E+00	2.66E-04	**1.28E-03**			
558500.214160235	558500	4160236	WRKR_890	2.92E-03	7.67E-05	2.19E-03	1.48E-04	**5.34E-03**				1.30E-03	1.09E-04	1.12E-03	1.66E-04	**2.70E-03**				6.95E-04	1.05E-04	7.85E-06	1.84E-04	**9.92E-04**				8.01E-04	1.28E-04	0.00E+00	2.59E-04	**1.19E-03**			
558500.214160245	558500	4160246	WRKR_891	3.05E-03	7.95E-05	2.28E-03	1.54E-04	**5.56E-03**				1.36E-03	1.13E-04	1.17E-03	1.72E-04	**2.81E-03**				7.26E-04	1.09E-04	8.17E-06	1.90E-04	**1.03E-03**				8.37E-04	1.32E-04	0.00E+00	2.68E-04	**1.24E-03**			
558500.214160255	558500	4160256	WRKR_892	3.19E-03	8.25E-05	2.38E-03	1.60E-04	**5.81E-03**				1.42E-03	1.17E-04	1.22E-03	1.78E-04	**2.93E-03**				7.59E-04	1.13E-04	8.52E-06	1.98E-04	**1.08E-03**				8.76E-04	1.38E-04	0.00E+00	2.78E-04	**1.29E-03**			
558510.214160235	558510	4160236	WRKR_893	2.89E-03	8.04E-05	2.16E-03	1.55E-04	**5.29E-03**				1.29E-03	1.14E-04	1.11E-03	1.74E-04	**2.68E-03**				6.87E-04	1.10E-04	7.74E-06	1.93E-04	**9.98E-04**				7.93E-04	1.34E-04	0.00E+00	2.71E-04	**1.20E-03**			
558510.214160245	558510	4160246	WRKR_894	3.02E-03	8.34E-05	2.25E-03	1.61E-04	**5.51E-03**				1.35E-03	1.18E-04	1.15E-03	1.80E-04	**2.80E-03**				7.19E-04	1.15E-04	8.06E-06	2.00E-04	**1.04E-03**				8.29E-04	1.39E-04	0.00E+00	2.81E-04	**1.25E-03**			
558510.214160255	558510	4160256	WRKR_895	3.16E-03	8.67E-05	2.35E-03	1.68E-04	**5.76E-03**				1.41E-03	1.23E-04	1.20E-03	1.87E-04	**2.92E-03**				7.53E-04	1.19E-04	8.40E-06	2.08E-04	**1.09E-03**				8.68E-04	1.44E-04	0.00E+00	2.92E-04	**1.30E-03**			
558520.214160235	558520	4160236	WRKR_896	2.86E-03	8.42E-05	2.13E-03	1.63E-04	**5.24E-03**				1.27E-03	1.19E-04	1.09E-03	1.82E-04	**2.67E-03**				6.81E-04	1.16E-04	7.63E-06	2.02E-04	**1.01E-03**				7.86E-04	1.40E-04	0.00E+00	2.84E-04	**1.21E-03**			
558520.214160245	558520	4160246	WRKR_897	3.00E-03	8.74E-05	2.22E-03	1.69E-04	**5.47E-03**				1.33E-03	1.24E-04	1.14E-03	1.89E-04	**2.78E-03**				7.13E-04	1.20E-04	7.95E-06	2.09E-04	**1.05E-03**				8.22E-04	1.46E-04	0.00E+00	2.95E-04	**1.26E-03**			
558520.214160255	558520	4160256	WRKR_898	3.14E-03	9.09E-05	2.32E-03	1.76E-04	**5.73E-03**				1.40E-03	1.29E-04	1.19E-03	1.97E-04	**2.91E-03**				7.47E-04	1.25E-04	8.31E-06	2.18E-04	**1.10E-03**				8.62E-04	1.51E-04	0.00E+00	3.07E-04	**1.32E-03**			
558530.214160235	558530	4160236	WRKR_899	2.84E-03	8.82E-05	2.10E-03	1.71E-04	**5.21E-03**				1.27E-03	1.25E-04	1.08E-03	1.91E-04	**2.66E-03**				6.76E-04	1.21E-04	7.54E-06	2.11E-04	**1.02E-03**				7.80E-04	1.47E-04	0.00E+00	2.97E-04	**1.22E-03**			
558530.214160245	558530	4160246	WRKR_900	2.98E-03	9.15E-05	2.19E-03	1.77E-04	**5.44E-03**				1.33E-03	1.30E-04	1.12E-03	1.98E-04	**2.78E-03**				7.08E-04	1.26E-04	7.86E-06	2.19E-04	**1.06E-03**				8.16E-04	1.53E-04	0.00E+00	3.09E-04	**1.28E-03**			
558530.214160255	558530	4160256	WRKR_901	3.12E-03	9.54E-05	2.29E-03	1.85E-04	**5.70E-03**				1.39E-03	1.35E-04	1.17E-03	2.06E-04	**2.91E-03**				7.43E-04	1.31E-04	8.22E-06	2.29E-04	**1.11E-03**				8.57E-04	1.59E-04	0.00E+00	3.22E-04	**1.34E-03**			
558540.214160235	558540	4160236	WRKR_902	2.83E-03	9.26E-05	2.08E-03	1.79E-04	**5.18E-03**				1.26E-03	1.31E-04	1.07E-03	2.00E-04	**2.65E-03**				6.72E-04	1.27E-04	7.46E-06	2.22E-04	**1.03E-03**				7.75E-04	1.54E-04	0.00E+00	3.12E-04	**1.24E-03**			
558540.214160245	558540	4160246	WRKR_903	2.96E-03	9.61E-05	2.17E-03	1.86E-04	**5.42E-03**				1.32E-03	1.36E-04	1.11E-03	2.08E-04	**2.78E-03**				7.04E-04	1.32E-04	7.78E-06	2.30E-04	**1.07E-03**				8.12E-04	1.60E-04	0.00E+00	3.24E-04	**1.30E-03**			
558540.214160255	558540	4160256	WRKR_904	3.11E-03	1.00E-04	2.27E-03	1.94E-04	**5.68E-03**				1.38E-03	1.42E-04	1.16E-03	2.17E-04	**2.91E-03**				7.40E-04	1.38E-04	8.14E-06	2.40E-04	**1.13E-03**				8.53E-04	1.67E-04	0.00E+00	3.38E-04	**1.36E-03**			
558550.214160235	558550	4160236	WRKR_905	2.81E-03	9.73E-05	2.06E-03	1.88E-04	**5.16E-03**				1.25E-03	1.38E-04	1.06E-03	2.10E-04	**2.66E-03**				6.69E-04	1.34E-04	7.38E-06	2.33E-04	**1.04E-03**				7.71E-04	1.62E-04	0.00E+00	3.28E-04	**1.26E-03**			
558550.214160245	558550	4160246	WRKR_906	2.95E-03	1.01E-04	2.15E-03	1.95E-04	**5.40E-03**				1.31E-03	1.43E-04	1.10E-03	2.18E-04	**2.78E-03**				7.02E-04	1.39E-04	7.72E-06	2.42E-04	**1.09E-03**				8.09E-04	1.68E-04	0.00E+00	3.41E-04	**1.32E-03**			
558550.214160255	558550	4160256	WRKR_907	3.10E-03	1.05E-04	2.26E-03	2.04E-04	**5.67E-03**				1.38E-03	1.49E-04	1.16E-03	2.28E-04	**2.91E-03**				7.38E-04	1.45E-04	8.08E-06	2.52E-04	**1.14E-03**				8.51E-04	1.76E-04	0.00E+00	3.55E-04	**1.38E-03**			
558560.214160235	558560	4160236	WRKR_908	2.80E-03	1.03E-04	2.04E-03	1.98E-04	**5.15E-03**				1.25E-03	1.46E-04	1.05E-03	2.22E-04	**2.66E-03**				6.67E-04	1.41E-04	7.32E-06	2.46E-04	**1.06E-03**				7.69E-04	1.71E-04	0.00E+00	3.46E-04	**1.29E-03**			
558560.214160245	558560	4160246	WRKR_909	2.94E-03	1.07E-04	2.14E-03	2.07E-04	**5.40E-03**				1.31E-03	1.52E-04	1.10E-03	2.32E-04	**2.79E-03**				7.00E-04	1.47E-04	7.66E-06	2.57E-04	**1.11E-03**				8.08E-04	1.79E-04	0.00E+00	3.61E-04	**1.35E-03**			
558560.214160255	558560	4160256	WRKR_910	3.10E-03	1.12E-04	2.24E-03	2.16E-04	**5.67E-03**				1.38E-03	1.58E-04	1.15E-03	2.42E-04	**2.93E-03**				7.37E-04	1.53E-04	8.04E-06	2.68E-04	**1.17E-03**				8.50E-04	1.86E-04	0.00E+00	3.77E-04	**1.41E-03**			
558570.214160235	558570	4160236	WRKR_911	2.80E-03	1.08E-04	2.03E-03	2.09E-04	**5.15E-03**				1.25E-03	1.53E-04	1.04E-03	2.34E-04	**2.67E-03**				6.66E-04	1.48E-04	7.27E-06	2.59E-04	**1.08E-03**				7.68E-04	1.80E-04	0.00E+00	3.64E-04	**1.31E-03**			
558570.214160245	558570	4160246	WRKR_912	2.94E-03	1.12E-04	2.13E-03	2.17E-04	**5.40E-03**				1.31E-03	1.59E-04	1.09E-03	2.43E-04	**2.80E-03**				7.00E-04	1.54E-04	7.61E-06

	Annual PM2.5 Concentration (ug/m^3)						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.056	0.027	0.008	0.009	0.056	558066.09	4160530.12
WORKER	0.282	0.135	0.034	0.039	0.282	558151.05	4160617.13

Annual PM2.5

XY	X	Y
557996.384160720	557996	4160721
557996.384160730	557996	4160731
557996.384160740	557996	4160741
558006.384160710	558006	4160711
558006.384160720	558006	4160721
558006.384160730	558006	4160731
558006.384160740	558006	4160741
558016.384160710	558016	4160711
558016.384160720	558016	4160721
558016.384160730	558016	4160731
558016.384160740	558016	4160741
558026.384160710	558026	4160711
558026.384160720	558026	4160721
558026.384160730	558026	4160731
558026.384160740	558026	4160741
558277.534160581	558278	4160581
558277.534160591	558278	4160591
558287.534160581	558288	4160581
558287.534160591	558288	4160591
558297.534160581	558298	4160581
558297.534160591	558298	4160591
558307.534160581	558308	4160581
558307.534160591	558308	4160591
558317.534160581	558318	4160581
558317.534160591	558318	4160591
558327.534160581	558328	4160581
558327.534160591	558328	4160591
558337.534160581	558338	4160581
558101.054160547	558101	4160547
558101.054160557	558101	4160557
558111.054160547	558111	4160547
558111.054160557	558111	4160557
558111.054160567	558111	4160567
558121.054160537	558121	4160537
558121.054160547	558121	4160547
558121.054160557	558121	4160557
558121.054160567	558121	4160567
558121.054160577	558121	4160577
558121.054160587	558121	4160587
558131.054160527	558131	4160527
558131.054160537	558131	4160537
558131.054160547	558131	4160547
558131.054160557	558131	4160557
558131.054160567	558131	4160567
558131.054160577	558131	4160577
558131.054160587	558131	4160587
558131.054160597	558131	4160597
558141.054160527	558141	4160527
558141.054160537	558141	4160537
558141.054160547	558141	4160547
558141.054160557	558141	4160557
558141.054160567	558141	4160567
558141.054160577	558141	4160577
558141.054160587	558141	4160587
558141.054160597	558141	4160597
558141.054160607	558141	4160607
558151.054160537	558151	4160537
558151.054160547	558151	4160547
558151.054160557	558151	4160557
558151.054160567	558151	4160567
558151.054160577	558151	4160577
558151.054160587	558151	4160587
558151.054160597	558151	4160597
558151.054160607	558151	4160607
558151.054160617	558151	4160617
558161.054160547	558161	4160547
558161.054160557	558161	4160557
558161.054160567	558161	4160567
558161.054160577	558161	4160577
558161.054160587	558161	4160587
558161.054160597	558161	4160597
558161.054160607	558161	4160607
558171.054160557	558171	4160557
558171.054160567	558171	4160567
558171.054160577	558171	4160577

Max PM2.5

					Annual PM2.5 Concentration (ug/m^3)			
XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
557996.384160720.52	557996.4	4160720.5	WRKR_1	WORKER	0.05	0.02	0.01	0.01
557996.384160730.52	557996.4	4160730.5	WRKR_2	WORKER	0.05	0.02	0.01	0.01
557996.384160740.52	557996.4	4160740.5	WRKR_3	WORKER	0.04	0.02	0.01	0.01
558006.384160710.52	558006.4	4160710.5	WRKR_4	WORKER	0.05	0.02	0.01	0.01
558006.384160720.52	558006.4	4160720.5	WRKR_5	WORKER	0.05	0.02	0.01	0.01
558006.384160730.52	558006.4	4160730.5	WRKR_6	WORKER	0.05	0.02	0.01	0.01
558006.384160740.52	558006.4	4160740.5	WRKR_7	WORKER	0.05	0.02	0.01	0.01
558016.384160710.52	558016.4	4160710.5	WRKR_8	WORKER	0.06	0.03	0.01	0.01
558016.384160720.52	558016.4	4160720.5	WRKR_9	WORKER	0.06	0.03	0.01	0.01
558016.384160730.52	558016.4	4160730.5	WRKR_10	WORKER	0.06	0.03	0.01	0.01
558016.384160740.52	558016.4	4160740.5	WRKR_11	WORKER	0.06	0.03	0.01	0.01
558026.384160710.52	558026.4	4160710.5	WRKR_12	WORKER	0.07	0.03	0.01	0.01
558026.384160720.52	558026.4	4160720.5	WRKR_13	WORKER	0.07	0.03	0.01	0.01
558026.384160730.52	558026.4	4160730.5	WRKR_14	WORKER	0.07	0.03	0.01	0.01
558026.384160740.52	558026.4	4160740.5	WRKR_15	WORKER	0.06	0.03	0.01	0.01
558277.534160581.24	558277.5	4160581.2	WRKR_16	WORKER	0.19	0.09	0.02	0.03
558277.534160591.24	558277.5	4160591.2	WRKR_17	WORKER	0.23	0.11	0.03	0.03
558287.534160581.24	558287.5	4160581.2	WRKR_18	WORKER	0.18	0.09	0.02	0.03
558287.534160591.24	558287.5	4160591.2	WRKR_19	WORKER	0.22	0.11	0.03	0.03
558297.534160581.24	558297.5	4160581.2	WRKR_20	WORKER	0.18	0.08	0.02	0.03
558297.534160591.24	558297.5	4160591.2	WRKR_21	WORKER	0.21	0.10	0.03	0.03
558307.534160581.24	558307.5	4160581.2	WRKR_22	WORKER	0.17	0.08	0.02	0.03
558307.534160591.24	558307.5	4160591.2	WRKR_23	WORKER	0.20	0.10	0.03	0.03
558317.534160581.24	558317.5	4160581.2	WRKR_24	WORKER	0.16	0.08	0.02	0.02
558317.534160591.24	558317.5	4160591.2	WRKR_25	WORKER	0.19	0.09	0.03	0.03
558327.534160581.24	558327.5	4160581.2	WRKR_26	WORKER	0.15	0.07	0.02	0.02
558327.534160591.24	558327.5	4160591.2	WRKR_27	WORKER	0.19	0.09	0.02	0.03
558337.534160581.24	558337.5	4160581.2	WRKR_28	WORKER	0.15	0.07	0.02	0.02
558101.054160547.13	558101.1	4160547.1	WRKR_29	WORKER	0.08	0.04	0.01	0.01
558101.054160557.13	558101.1	4160557.1	WRKR_30	WORKER	0.09	0.04	0.01	0.01
558111.054160547.13	558111.1	4160547.1	WRKR_31	WORKER	0.09	0.04	0.01	0.01
558111.054160557.13	558111.1	4160557.1	WRKR_32	WORKER	0.09	0.04	0.01	0.01
558111.054160567.13	558111.1	4160567.1	WRKR_33	WORKER	0.10	0.05	0.01	0.02
558121.054160537.13	558121.1	4160537.1	WRKR_34	WORKER	0.08	0.04	0.01	0.01
558121.054160547.13	558121.1	4160547.1	WRKR_35	WORKER	0.09	0.04	0.01	0.01
558121.054160557.13	558121.1	4160557.1	WRKR_36	WORKER	0.10	0.05	0.01	0.02
558121.054160567.13	558121.1	4160567.1	WRKR_37	WORKER	0.11	0.05	0.01	0.02
558121.054160577.13	558121.1	4160577.1	WRKR_38	WORKER	0.12	0.06	0.02	0.02
558121.054160587.13	558121.1	4160587.1	WRKR_39	WORKER	0.14	0.07	0.02	0.02
558131.054160527.13	558131.1	4160527.1	WRKR_40	WORKER	0.08	0.04	0.01	0.01
558131.054160537.13	558131.1	4160537.1	WRKR_41	WORKER	0.09	0.04	0.01	0.01
558131.054160547.13	558131.1	4160547.1	WRKR_42	WORKER	0.10	0.05	0.01	0.01
558131.054160557.13	558131.1	4160557.1	WRKR_43	WORKER	0.11	0.05	0.01	0.02
558131.054160567.13	558131.1	4160567.1	WRKR_44	WORKER	0.12	0.06	0.02	0.02
558131.054160577.13	558131.1	4160577.1	WRKR_45	WORKER	0.13	0.06	0.02	0.02
558131.054160587.13	558131.1	4160587.1	WRKR_46	WORKER	0.15	0.07	0.02	0.02
558131.054160597.13	558131.1	4160597.1	WRKR_47	WORKER	0.17	0.08	0.02	0.03
558141.054160527.13	558141.1	4160527.1	WRKR_48	WORKER	0.08	0.04	0.01	0.01
558141.054160537.13	558141.1	4160537.1	WRKR_49	WORKER	0.09	0.04	0.01	0.01
558141.054160547.13	558141.1	4160547.1	WRKR_50	WORKER	0.10	0.05	0.01	0.02
558141.054160557.13	558141.1	4160557.1	WRKR_51	WORKER	0.11	0.05	0.02	0.02
558141.054160567.13	558141.1	4160567.1	WRKR_52	WORKER	0.13	0.06	0.02	0.02
558141.054160577.13	558141.1	4160577.1	WRKR_53	WORKER	0.14	0.07	0.02	0.02
558141.054160587.13	558141.1	4160587.1	WRKR_54	WORKER	0.16	0.08	0.02	0.02
558141.054160597.13	558141.1	4160597.1	WRKR_55	WORKER	0.19	0.09	0.02	0.03
558141.054160607.13	558141.1	4160607.1	WRKR_56	WORKER	0.21	0.10	0.03	0.03
558151.054160537.13	558151.1	4160537.1	WRKR_57	WORKER	0.10	0.05	0.01	0.01
558151.054160547.13	558151.1	4160547.1	WRKR_58	WORKER	0.11	0.05	0.01	0.02
558151.054160557.13	558151.1	4160557.1	WRKR_59	WORKER	0.12	0.06	0.02	0.02
558151.054160567.13	558151.1	4160567.1	WRKR_60	WORKER	0.14	0.06	0.02	0.02
558151.054160577.13	558151.1	4160577.1	WRKR_61	WORKER	0.15	0.07	0.02	0.02
558151.054160587.13	558151.1	4160587.1	WRKR_62	WORKER	0.18	0.08	0.02	0.03
558151.054160597.13	558151.1	4160597.1	WRKR_63	WORKER	0.21	0.10	0.03	0.03
558151.054160607.13	558151.1	4160607.1	WRKR_64	WORKER	0.24	0.11	0.03	0.03
558151.054160617.13	558151.1	4160617.1	WRKR_65	WORKER	0.28	0.13	0.03	0.04
558161.054160547.13	558161.1	4160547.1	WRKR_66	WORKER	0.11	0.05	0.01	0.02
558161.054160557.13	558161.1	4160557.1	WRKR_67	WORKER	0.13	0.06	0.02	0.02
558161.054160567.13	558161.1	4160567.1	WRKR_68	WORKER	0.14	0.07	0.02	0.02
558161.054160577.13	558161.1	4160577.1	WRKR_69	WORKER	0.17	0.08	0.02	0.02
558161.054160587.13	558161.1	4160587.1	WRKR_70	WORKER	0.19	0.09	0.02	0.03
558161.054160597.13	558161.1	4160597.1	WRKR_71	WORKER	0.23	0.11	0.03	0.03
558161.054160607.13	558161.1	4160607.1	WRKR_72	WORKER	0.27	0.13	0.03	0.04
558171.054160557.13	558171.1	4160557.1	WRKR_73	WORKER	0.13	0.06	0.02	0.02
558171.054160567.13	558171.1	4160567.1	WRKR_74	WORKER	0.15	0.07	0.02	0.02
558171.054160577.13	558171.1	4160577.1	WRKR_75	WORKER	0.18	0.08	0.02	0.03

	Annual PM2.5 Concentration (ug/m^3)						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.056	0.027	0.008	0.009	0.056	558066.09	4160530.12
WORKER	0.282	0.135	0.034	0.039	0.282	558151.05	4160617.13

Annual PM2.5

XY	X	Y
558171.054160587	558171	4160587
558171.054160597	558171	4160597
558181.054160567	558181	4160567
558181.054160577	558181	4160577
558181.054160587	558181	4160587
558191.054160577	558191	4160577
558368.544160582	558369	4160582
558378.544160582	558379	4160582
558378.544160592	558379	4160592
558378.544160602	558379	4160602
558378.544160612	558379	4160612
558388.544160582	558389	4160582
558388.544160592	558389	4160592
558388.544160602	558389	4160602
558388.544160612	558389	4160612
558398.544160582	558399	4160582
558398.544160592	558399	4160592
558398.544160602	558399	4160602
558398.544160612	558399	4160612
557976.094160490	557976	4160490
557976.094160500	557976	4160500
557976.094160510	557976	4160510
557976.094160520	557976	4160520
557976.094160530	557976	4160530
557986.094160480	557986	4160480
557986.094160490	557986	4160490
557986.094160500	557986	4160500
557986.094160510	557986	4160510
557986.094160520	557986	4160520
557986.094160530	557986	4160530
557996.094160480	557996	4160480
557996.094160490	557996	4160490
557996.094160500	557996	4160500
557996.094160510	557996	4160510
557996.094160520	557996	4160520
557996.094160530	557996	4160530
557996.094160540	557996	4160540
557996.094160550	557996	4160550
557996.094160560	557996	4160560
557996.094160570	557996	4160570
558006.094160480	558006	4160480
558006.094160490	558006	4160490
558006.094160500	558006	4160500
558006.094160510	558006	4160510
558006.094160520	558006	4160520
558006.094160530	558006	4160530
558006.094160540	558006	4160540
558006.094160550	558006	4160550
558006.094160560	558006	4160560
558006.094160570	558006	4160570
558016.094160480	558016	4160480
558016.094160490	558016	4160490
558016.094160500	558016	4160500
558016.094160510	558016	4160510
558016.094160520	558016	4160520
558016.094160530	558016	4160530
558016.094160540	558016	4160540
558016.094160550	558016	4160550
558016.094160560	558016	4160560
558016.094160570	558016	4160570
558026.094160480	558026	4160480
558026.094160490	558026	4160490
558026.094160500	558026	4160500
558026.094160510	558026	4160510
558026.094160520	558026	4160520
558026.094160530	558026	4160530
558026.094160540	558026	4160540
558026.094160550	558026	4160550
558026.094160560	558026	4160560
558026.094160570	558026	4160570
558036.094160480	558036	4160480
558036.094160490	558036	4160490
558036.094160500	558036	4160500
558036.094160510	558036	4160510
558036.094160520	558036	4160520
558036.094160530	558036	4160530
558036.094160540	558036	4160540

Max PM2.5

					Annual PM2.5 Concentration (ug/m^3)			
XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558171.054160587.13	558171.1	4160587.1	WRKR_76	WORKER	0.21	0.10	0.03	0.03
558171.054160597.13	558171.1	4160597.1	WRKR_77	WORKER	0.25	0.12	0.03	0.04
558181.054160567.13	558181.1	4160567.1	WRKR_78	WORKER	0.16	0.08	0.02	0.02
558181.054160577.13	558181.1	4160577.1	WRKR_79	WORKER	0.19	0.09	0.02	0.03
558181.054160587.13	558181.1	4160587.1	WRKR_80	WORKER	0.23	0.11	0.03	0.03
558191.054160577.13	558191.1	4160577.1	WRKR_81	WORKER	0.20	0.09	0.03	0.03
558368.544160582.33	558368.5	4160582.3	WRKR_82	WORKER	0.13	0.06	0.02	0.02
558378.544160582.33	558378.5	4160582.3	WRKR_83	WORKER	0.12	0.06	0.02	0.02
558378.544160592.33	558378.5	4160592.3	WRKR_84	WORKER	0.14	0.07	0.02	0.02
558378.544160602.33	558378.5	4160602.3	WRKR_85	WORKER	0.16	0.08	0.02	0.03
558378.544160612.33	558378.5	4160612.3	WRKR_86	WORKER	0.19	0.09	0.03	0.03
558388.544160582.33	558388.5	4160582.3	WRKR_87	WORKER	0.11	0.05	0.02	0.02
558388.544160592.33	558388.5	4160592.3	WRKR_88	WORKER	0.13	0.06	0.02	0.02
558388.544160602.33	558388.5	4160602.3	WRKR_89	WORKER	0.15	0.07	0.02	0.02
558388.544160612.33	558388.5	4160612.3	WRKR_90	WORKER	0.17	0.08	0.02	0.03
558398.544160582.33	558398.5	4160582.3	WRKR_91	WORKER	0.11	0.05	0.01	0.02
558398.544160592.33	558398.5	4160592.3	WRKR_92	WORKER	0.12	0.06	0.02	0.02
558398.544160602.33	558398.5	4160602.3	WRKR_93	WORKER	0.14	0.07	0.02	0.02
558398.544160612.33	558398.5	4160612.3	WRKR_94	WORKER	0.16	0.08	0.02	0.03
557976.094160490.12	557976.1	4160490.1	HLTN_1	RESIDENT	0.02	0.01	0.00	0.00
557976.094160500.12	557976.1	4160500.1	HLTN_2	RESIDENT	0.03	0.01	0.00	0.00
557976.094160510.12	557976.1	4160510.1	HLTN_3	RESIDENT	0.03	0.01	0.00	0.00
557976.094160520.12	557976.1	4160520.1	HLTN_4	RESIDENT	0.03	0.01	0.00	0.00
557976.094160530.12	557976.1	4160530.1	HLTN_5	RESIDENT	0.03	0.01	0.00	0.00
557986.094160480.12	557986.1	4160480.1	HLTN_6	RESIDENT	0.03	0.01	0.00	0.00
557986.094160490.12	557986.1	4160490.1	HLTN_7	RESIDENT	0.03	0.01	0.00	0.00
557986.094160500.12	557986.1	4160500.1	HLTN_8	RESIDENT	0.03	0.01	0.00	0.00
557986.094160510.12	557986.1	4160510.1	HLTN_9	RESIDENT	0.03	0.01	0.00	0.00
557986.094160520.12	557986.1	4160520.1	HLTN_10	RESIDENT	0.03	0.01	0.00	0.00
557986.094160530.12	557986.1	4160530.1	HLTN_11	RESIDENT	0.03	0.01	0.00	0.00
557996.094160480.12	557996.1	4160480.1	HLTN_12	RESIDENT	0.03	0.01	0.00	0.00
557996.094160490.12	557996.1	4160490.1	HLTN_13	RESIDENT	0.03	0.01	0.00	0.00
557996.094160500.12	557996.1	4160500.1	HLTN_14	RESIDENT	0.03	0.01	0.00	0.00
557996.094160510.12	557996.1	4160510.1	HLTN_15	RESIDENT	0.03	0.01	0.00	0.00
557996.094160520.12	557996.1	4160520.1	HLTN_16	RESIDENT	0.03	0.02	0.00	0.00
557996.094160530.12	557996.1	4160530.1	HLTN_17	RESIDENT	0.03	0.02	0.00	0.01
557996.094160540.12	557996.1	4160540.1	HLTN_18	RESIDENT	0.03	0.02	0.00	0.01
557996.094160550.12	557996.1	4160550.1	HLTN_19	RESIDENT	0.04	0.02	0.00	0.01
557996.094160560.12	557996.1	4160560.1	HLTN_20	RESIDENT	0.04	0.02	0.01	0.01
557996.094160570.12	557996.1	4160570.1	HLTN_21	RESIDENT	0.04	0.02	0.01	0.01
558006.094160480.12	558006.1	4160480.1	HLTN_22	RESIDENT	0.03	0.01	0.00	0.00
558006.094160490.12	558006.1	4160490.1	HLTN_23	RESIDENT	0.03	0.01	0.00	0.00
558006.094160500.12	558006.1	4160500.1	HLTN_24	RESIDENT	0.03	0.02	0.00	0.00
558006.094160510.12	558006.1	4160510.1	HLTN_25	RESIDENT	0.03	0.02	0.00	0.01
558006.094160520.12	558006.1	4160520.1	HLTN_26	RESIDENT	0.03	0.02	0.00	0.01
558006.094160530.12	558006.1	4160530.1	HLTN_27	RESIDENT	0.04	0.02	0.00	0.01
558006.094160540.12	558006.1	4160540.1	HLTN_28	RESIDENT	0.04	0.02	0.01	0.01
558006.094160550.12	558006.1	4160550.1	HLTN_29	RESIDENT	0.04	0.02	0.01	0.01
558006.094160560.12	558006.1	4160560.1	HLTN_30	RESIDENT	0.04	0.02	0.01	0.01
558006.094160570.12	558006.1	4160570.1	HLTN_31	RESIDENT	0.04	0.02	0.01	0.01
558016.094160480.12	558016.1	4160480.1	HLTN_32	RESIDENT	0.03	0.01	0.00	0.00
558016.094160490.12	558016.1	4160490.1	HLTN_33	RESIDENT	0.03	0.02	0.00	0.01
558016.094160500.12	558016.1	4160500.1	HLTN_34	RESIDENT	0.03	0.02	0.00	0.01
558016.094160510.12	558016.1	4160510.1	HLTN_35	RESIDENT	0.04	0.02	0.00	0.01
558016.094160520.12	558016.1	4160520.1	HLTN_36	RESIDENT	0.04	0.02	0.01	0.01
558016.094160530.12	558016.1	4160530.1	HLTN_37	RESIDENT	0.04	0.02	0.01	0.01
558016.094160540.12	558016.1	4160540.1	HLTN_38	RESIDENT	0.04	0.02	0.01	0.01
558016.094160550.12	558016.1	4160550.1	HLTN_39	RESIDENT	0.04	0.02	0.01	0.01
558016.094160560.12	558016.1	4160560.1	HLTN_40	RESIDENT	0.04	0.02	0.01	0.01
558016.094160570.12	558016.1	4160570.1	HLTN_41	RESIDENT	0.05	0.02	0.01	0.01
558026.094160480.12	558026.1	4160480.1	HLTN_42	RESIDENT	0.03	0.02	0.00	0.01
558026.094160490.12	558026.1	4160490.1	HLTN_43	RESIDENT	0.03	0.02	0.00	0.01
558026.094160500.12	558026.1	4160500.1	HLTN_44	RESIDENT	0.04	0.02	0.00	0.01
558026.094160510.12	558026.1	4160510.1	HLTN_45	RESIDENT	0.04	0.02	0.01	0.01
558026.094160520.12	558026.1	4160520.1	HLTN_46	RESIDENT	0.04	0.02	0.01	0.01
558026.094160530.12	558026.1	4160530.1	HLTN_47	RESIDENT	0.04	0.02	0.01	0.01
558026.094160540.12	558026.1	4160540.1	HLTN_48	RESIDENT	0.04	0.02	0.01	0.01
558026.094160550.12	558026.1	4160550.1	HLTN_49	RESIDENT	0.05	0.02	0.01	0.01
558026.094160560.12	558026.1	4160560.1	HLTN_50	RESIDENT	0.05	0.02	0.01	0.01
558026.094160570.12	558026.1	4160570.1	HLTN_51	RESIDENT	0.05	0.02	0.01	0.01
558036.094160480.12	558036.1	4160480.1	HLTN_52	RESIDENT	0.04	0.02	0.00	0.01
558036.094160490.12	558036.1	4160490.1	HLTN_53	RESIDENT	0.04	0.02	0.00	0.01
558036.094160500.12	558036.1	4160500.1	HLTN_54	RESIDENT	0.04	0.02	0.01	0.01
558036.094160510.12	558036.1	4160510.1	HLTN_55	RESIDENT	0.04	0.02	0.01	0.01
558036.094160520.12	558036.1	4160520.1	HLTN_56	RESIDENT	0.04	0.02	0.01	0.01
558036.094160530.12	558036.1	4160530.1	HLTN_57	RESIDENT	0.05	0.02	0.01	0.01
558036.094160540.12	558036.1	4160540.1	HLTN_58	RESIDENT	0.05	0.02	0.01	0.01

	Annual PM2.5 Concentration (ug/m^3)						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.056	0.027	0.008	0.009	0.056	558066.09	4160530.12
WORKER	0.282	0.135	0.034	0.039	0.282	558151.05	4160617.13

Annual PM2.5

XY	X	Y
558036.094160550	558036	4160550
558036.094160560	558036	4160560
558046.094160480	558046	4160480
558046.094160490	558046	4160490
558046.094160500	558046	4160500
558046.094160510	558046	4160510
558046.094160520	558046	4160520
558046.094160530	558046	4160530
558046.094160540	558046	4160540
558046.094160550	558046	4160550
558056.094160480	558056	4160480
558056.094160490	558056	4160490
558056.094160500	558056	4160500
558056.094160510	558056	4160510
558056.094160520	558056	4160520
558056.094160530	558056	4160530
558056.094160540	558056	4160540
558066.094160480	558066	4160480
558066.094160490	558066	4160490
558066.094160500	558066	4160500
558066.094160510	558066	4160510
558066.094160520	558066	4160520
558066.094160530	558066	4160530
558076.094160480	558076	4160480
558076.094160490	558076	4160490
558076.094160500	558076	4160500
558076.094160510	558076	4160510
558076.094160520	558076	4160520
558086.094160490	558086	4160490
558086.094160500	558086	4160500
558086.094160510	558086	4160510
558096.094160490	558096	4160490
558096.094160500	558096	4160500
558186.784160496	558187	4160496
558186.784160506	558187	4160506
558196.784160496	558197	4160496
558196.784160506	558197	4160506
558196.784160516	558197	4160516
558196.784160526	558197	4160526
558206.784160506	558207	4160506
558206.784160516	558207	4160516
558206.784160526	558207	4160526
558206.784160536	558207	4160536
558216.784160516	558217	4160516
558216.784160526	558217	4160526
558216.784160536	558217	4160536
558216.784160546	558217	4160546
558226.784160526	558227	4160526
558226.784160536	558227	4160536
558226.784160546	558227	4160546
558236.784160536	558237	4160536
558115.174160402	558115	4160403
558115.174160412	558115	4160413
558115.174160422	558115	4160423
558115.174160432	558115	4160433
558115.174160442	558115	4160443
558125.174160392	558125	4160393
558125.174160402	558125	4160403
558125.174160412	558125	4160413
558125.174160422	558125	4160423
558125.174160432	558125	4160433
558125.174160442	558125	4160443
558135.174160372	558135	4160373
558135.174160382	558135	4160383
558135.174160392	558135	4160393
558135.174160402	558135	4160403
558135.174160412	558135	4160413
558135.174160422	558135	4160423
558135.174160432	558135	4160433
558135.174160442	558135	4160443
558145.174160372	558145	4160373
558145.174160382	558145	4160383
558145.174160392	558145	4160393
558145.174160402	558145	4160403
558145.174160412	558145	4160413
558145.174160422	558145	4160423
558145.174160432	558145	4160433

Max PM2.5

					Annual PM2.5 Concentration (ug/m^3)			
XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558036.094160550.12	558036.1	4160550.1	HLTN_59	RESIDENT	0.05	0.02	0.01	0.01
558036.094160560.12	558036.1	4160560.1	HLTN_60	RESIDENT	0.05	0.03	0.01	0.01
558046.094160480.12	558046.1	4160480.1	HLTN_61	RESIDENT	0.04	0.02	0.00	0.01
558046.094160490.12	558046.1	4160490.1	HLTN_62	RESIDENT	0.04	0.02	0.01	0.01
558046.094160500.12	558046.1	4160500.1	HLTN_63	RESIDENT	0.04	0.02	0.01	0.01
558046.094160510.12	558046.1	4160510.1	HLTN_64	RESIDENT	0.04	0.02	0.01	0.01
558046.094160520.12	558046.1	4160520.1	HLTN_65	RESIDENT	0.05	0.02	0.01	0.01
558046.094160530.12	558046.1	4160530.1	HLTN_66	RESIDENT	0.05	0.02	0.01	0.01
558046.094160540.12	558046.1	4160540.1	HLTN_67	RESIDENT	0.05	0.02	0.01	0.01
558046.094160550.12	558046.1	4160550.1	HLTN_68	RESIDENT	0.05	0.03	0.01	0.01
558056.094160480.12	558056.1	4160480.1	HLTN_69	RESIDENT	0.04	0.02	0.01	0.01
558056.094160490.12	558056.1	4160490.1	HLTN_70	RESIDENT	0.04	0.02	0.01	0.01
558056.094160500.12	558056.1	4160500.1	HLTN_71	RESIDENT	0.04	0.02	0.01	0.01
558056.094160510.12	558056.1	4160510.1	HLTN_72	RESIDENT	0.04	0.02	0.01	0.01
558056.094160520.12	558056.1	4160520.1	HLTN_73	RESIDENT	0.05	0.02	0.01	0.01
558056.094160530.12	558056.1	4160530.1	HLTN_74	RESIDENT	0.05	0.03	0.01	0.01
558056.094160540.12	558056.1	4160540.1	HLTN_75	RESIDENT	0.06	0.03	0.01	0.01
558066.094160480.12	558066.1	4160480.1	HLTN_76	RESIDENT	0.04	0.02	0.01	0.01
558066.094160490.12	558066.1	4160490.1	HLTN_77	RESIDENT	0.04	0.02	0.01	0.01
558066.094160500.12	558066.1	4160500.1	HLTN_78	RESIDENT	0.05	0.02	0.01	0.01
558066.094160510.12	558066.1	4160510.1	HLTN_79	RESIDENT	0.05	0.02	0.01	0.01
558066.094160520.12	558066.1	4160520.1	HLTN_80	RESIDENT	0.05	0.03	0.01	0.01
558066.094160530.12	558066.1	4160530.1	HLTN_81	RESIDENT	0.06	0.03	0.01	0.01
558076.094160480.12	558076.1	4160480.1	HLTN_82	RESIDENT	0.04	0.02	0.01	0.01
558076.094160490.12	558076.1	4160490.1	HLTN_83	RESIDENT	0.05	0.02	0.01	0.01
558076.094160500.12	558076.1	4160500.1	HLTN_84	RESIDENT	0.05	0.02	0.01	0.01
558076.094160510.12	558076.1	4160510.1	HLTN_85	RESIDENT	0.05	0.03	0.01	0.01
558076.094160520.12	558076.1	4160520.1	HLTN_86	RESIDENT	0.06	0.03	0.01	0.01
558086.094160490.12	558086.1	4160490.1	HLTN_87	RESIDENT	0.05	0.02	0.01	0.01
558086.094160500.12	558086.1	4160500.1	HLTN_88	RESIDENT	0.05	0.02	0.01	0.01
558086.094160510.12	558086.1	4160510.1	HLTN_89	RESIDENT	0.06	0.03	0.01	0.01
558096.094160490.12	558096.1	4160490.1	HLTN_90	RESIDENT	0.05	0.02	0.01	0.01
558096.094160500.12	558096.1	4160500.1	HLTN_91	RESIDENT	0.05	0.03	0.01	0.01
558186.784160496.28	558186.8	4160496.3	WRKR_95	WORKER	0.06	0.03	0.01	0.01
558186.784160506.28	558186.8	4160506.3	WRKR_96	WORKER	0.07	0.03	0.01	0.01
558196.784160496.28	558196.8	4160496.3	WRKR_97	WORKER	0.06	0.03	0.01	0.01
558196.784160506.28	558196.8	4160506.3	WRKR_98	WORKER	0.07	0.03	0.01	0.01
558196.784160516.28	558196.8	4160516.3	WRKR_99	WORKER	0.08	0.04	0.01	0.01
558196.784160526.28	558196.8	4160526.3	WRKR_100	WORKER	0.09	0.04	0.01	0.01
558206.784160506.28	558206.8	4160506.3	WRKR_101	WORKER	0.07	0.03	0.01	0.01
558206.784160516.28	558206.8	4160516.3	WRKR_102	WORKER	0.08	0.04	0.01	0.01
558206.784160526.28	558206.8	4160526.3	WRKR_103	WORKER	0.09	0.04	0.01	0.01
558206.784160536.28	558206.8	4160536.3	WRKR_104	WORKER	0.10	0.05	0.01	0.02
558216.784160516.28	558216.8	4160516.3	WRKR_105	WORKER	0.08	0.04	0.01	0.01
558216.784160526.28	558216.8	4160526.3	WRKR_106	WORKER	0.08	0.04	0.01	0.01
558216.784160536.28	558216.8	4160536.3	WRKR_107	WORKER	0.10	0.05	0.01	0.01
558216.784160546.28	558216.8	4160546.3	WRKR_108	WORKER	0.11	0.05	0.01	0.02
558226.784160526.28	558226.8	4160526.3	WRKR_109	WORKER	0.08	0.04	0.01	0.01
558226.784160536.28	558226.8	4160536.3	WRKR_110	WORKER	0.09	0.05	0.01	0.01
558226.784160546.28	558226.8	4160546.3	WRKR_111	WORKER	0.11	0.05	0.01	0.02
558236.784160536.28	558236.8	4160536.3	WRKR_112	WORKER	0.09	0.04	0.01	0.01
558115.174160402.59	558115.2	4160402.6	WRKR_113	WORKER	0.03	0.01	0.00	0.00
558115.174160412.59	558115.2	4160412.6	WRKR_114	WORKER	0.03	0.01	0.00	0.00
558115.174160422.59	558115.2	4160422.6	WRKR_115	WORKER	0.03	0.02	0.00	0.01
558115.174160432.59	558115.2	4160432.6	WRKR_116	WORKER	0.04	0.02	0.00	0.01
558115.174160442.59	558115.2	4160442.6	WRKR_117	WORKER	0.04	0.02	0.01	0.01
558125.174160392.59	558125.2	4160392.6	WRKR_118	WORKER	0.03	0.01	0.00	0.00
558125.174160402.59	558125.2	4160402.6	WRKR_119	WORKER	0.03	0.01	0.00	0.00
558125.174160412.59	558125.2	4160412.6	WRKR_120	WORKER	0.03	0.02	0.00	0.00
558125.174160422.59	558125.2	4160422.6	WRKR_121	WORKER	0.03	0.02	0.00	0.01
558125.174160432.59	558125.2	4160432.6	WRKR_122	WORKER	0.04	0.02	0.00	0.01
558125.174160442.59	558125.2	4160442.6	WRKR_123	WORKER	0.04	0.02	0.01	0.01
558135.174160372.59	558135.2	4160372.6	WRKR_124	WORKER	0.02	0.01	0.00	0.00
558135.174160382.59	558135.2	4160382.6	WRKR_125	WORKER	0.03	0.01	0.00	0.00
558135.174160392.59	558135.2	4160392.6	WRKR_126	WORKER	0.03	0.01	0.00	0.00
558135.174160402.59	558135.2	4160402.6	WRKR_127	WORKER	0.03	0.01	0.00	0.00
558135.174160412.59	558135.2	4160412.6	WRKR_128	WORKER	0.03	0.02	0.00	0.00
558135.174160422.59	558135.2	4160422.6	WRKR_129	WORKER	0.03	0.02	0.00	0.01
558135.174160432.59	558135.2	4160432.6	WRKR_130	WORKER	0.04	0.02	0.00	0.01
558135.174160442.59	558135.2	4160442.6	WRKR_131	WORKER	0.04	0.02	0.01	0.01
558145.174160372.59	558145.2	4160372.6	WRKR_132	WORKER	0.02	0.01	0.00	0.00
558145.174160382.59	558145.2	4160382.6	WRKR_133	WORKER	0.03	0.01	0.00	0.00
558145.174160392.59	558145.2	4160392.6	WRKR_134	WORKER	0.03	0.01	0.00	0.00
558145.174160402.59	558145.2	4160402.6	WRKR_135	WORKER	0.03	0.01	0.00	0.00
558145.174160412.59	558145.2	4160412.6	WRKR_136	WORKER	0.03	0.02	0.00	0.00
558145.174160422.59	558145.2	4160422.6	WRKR_137	WORKER	0.03	0.02	0.00	0.01
558145.174160432.59	558145.2	4160432.6	WRKR_138	WORKER	0.04	0.02	0.00	0.01

	Annual PM2.5 Concentration (ug/m^3)						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.056	0.027	0.008	0.009	0.056	558066.09	4160530.12
WORKER	0.282	0.135	0.034	0.039	0.282	558151.05	4160617.13

Annual PM2.5

XY	X	Y
558145.174160442	558145	4160443
558155.174160372	558155	4160373
558155.174160382	558155	4160383
558155.174160392	558155	4160393
558155.174160402	558155	4160403
558155.174160412	558155	4160413
558155.174160422	558155	4160423
558155.174160432	558155	4160433
558155.174160442	558155	4160443
558165.174160362	558165	4160363
558165.174160372	558165	4160373
558165.174160382	558165	4160383
558165.174160392	558165	4160393
558165.174160402	558165	4160403
558165.174160412	558165	4160413
558165.174160422	558165	4160423
558165.174160432	558165	4160433
558175.174160362	558175	4160363
558175.174160372	558175	4160373
558175.174160382	558175	4160383
558175.174160392	558175	4160393
558175.174160402	558175	4160403
558175.174160412	558175	4160413
558175.174160422	558175	4160423
558185.174160362	558185	4160363
558185.174160372	558185	4160373
558185.174160382	558185	4160383
558185.174160392	558185	4160393
558185.174160402	558185	4160403
558185.174160412	558185	4160413
558185.174160422	558185	4160423
558185.174160432	558185	4160433
558185.174160442	558185	4160443
558195.174160362	558195	4160363
558195.174160372	558195	4160373
558195.174160382	558195	4160383
558195.174160392	558195	4160393
558195.174160402	558195	4160403
558195.174160412	558195	4160413
558195.174160422	558195	4160423
558195.174160432	558195	4160433
558195.174160442	558195	4160443
558195.174160452	558195	4160453
558205.174160362	558205	4160363
558205.174160372	558205	4160373
558205.174160382	558205	4160383
558205.174160392	558205	4160393
558205.174160402	558205	4160403
558205.174160412	558205	4160413
558205.174160422	558205	4160423
558205.174160432	558205	4160433
558205.174160442	558205	4160443
558205.174160452	558205	4160453
558205.174160462	558205	4160463
558215.174160362	558215	4160363
558215.174160372	558215	4160373
558215.174160382	558215	4160383
558215.174160392	558215	4160393
558215.174160402	558215	4160403
558215.174160412	558215	4160413
558215.174160422	558215	4160423
558215.174160432	558215	4160433
558215.174160442	558215	4160443
558215.174160452	558215	4160453
558215.174160462	558215	4160463
558215.174160472	558215	4160473
558225.174160362	558225	4160363
558225.174160372	558225	4160373
558225.174160382	558225	4160383
558225.174160392	558225	4160393
558225.174160402	558225	4160403
558225.174160412	558225	4160413
558225.174160422	558225	4160423
558225.174160432	558225	4160433
558225.174160442	558225	4160443
558225.174160452	558225	4160453
558225.174160462	558225	4160463

Max PM2.5

					Annual PM2.5 Concentration (ug/m^3)			
XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558145.174160442.59	558145.2	4160442.6	WRKR_139	WORKER	0.04	0.02	0.01	0.01
558155.174160372.59	558155.2	4160372.6	WRKR_140	WORKER	0.02	0.01	0.00	0.00
558155.174160382.59	558155.2	4160382.6	WRKR_141	WORKER	0.03	0.01	0.00	0.00
558155.174160392.59	558155.2	4160392.6	WRKR_142	WORKER	0.03	0.01	0.00	0.00
558155.174160402.59	558155.2	4160402.6	WRKR_143	WORKER	0.03	0.01	0.00	0.00
558155.174160412.59	558155.2	4160412.6	WRKR_144	WORKER	0.03	0.02	0.00	0.00
558155.174160422.59	558155.2	4160422.6	WRKR_145	WORKER	0.03	0.02	0.00	0.01
558155.174160432.59	558155.2	4160432.6	WRKR_146	WORKER	0.04	0.02	0.01	0.01
558155.174160442.59	558155.2	4160442.6	WRKR_147	WORKER	0.04	0.02	0.01	0.01
558165.174160362.59	558165.2	4160362.6	WRKR_148	WORKER	0.02	0.01	0.00	0.00
558165.174160372.59	558165.2	4160372.6	WRKR_149	WORKER	0.02	0.01	0.00	0.00
558165.174160382.59	558165.2	4160382.6	WRKR_150	WORKER	0.03	0.01	0.00	0.00
558165.174160392.59	558165.2	4160392.6	WRKR_151	WORKER	0.03	0.01	0.00	0.00
558165.174160402.59	558165.2	4160402.6	WRKR_152	WORKER	0.03	0.01	0.00	0.00
558165.174160412.59	558165.2	4160412.6	WRKR_153	WORKER	0.03	0.02	0.00	0.00
558165.174160422.59	558165.2	4160422.6	WRKR_154	WORKER	0.03	0.02	0.00	0.01
558165.174160432.59	558165.2	4160432.6	WRKR_155	WORKER	0.04	0.02	0.01	0.01
558175.174160362.59	558175.2	4160362.6	WRKR_156	WORKER	0.02	0.01	0.00	0.00
558175.174160372.59	558175.2	4160372.6	WRKR_157	WORKER	0.02	0.01	0.00	0.00
558175.174160382.59	558175.2	4160382.6	WRKR_158	WORKER	0.03	0.01	0.00	0.00
558175.174160392.59	558175.2	4160392.6	WRKR_159	WORKER	0.03	0.01	0.00	0.00
558175.174160402.59	558175.2	4160402.6	WRKR_160	WORKER	0.03	0.01	0.00	0.00
558175.174160412.59	558175.2	4160412.6	WRKR_161	WORKER	0.03	0.02	0.00	0.00
558175.174160422.59	558175.2	4160422.6	WRKR_162	WORKER	0.03	0.02	0.00	0.01
558185.174160362.59	558185.2	4160362.6	WRKR_163	WORKER	0.02	0.01	0.00	0.00
558185.174160372.59	558185.2	4160372.6	WRKR_164	WORKER	0.02	0.01	0.00	0.00
558185.174160382.59	558185.2	4160382.6	WRKR_165	WORKER	0.03	0.01	0.00	0.00
558185.174160392.59	558185.2	4160392.6	WRKR_166	WORKER	0.03	0.01	0.00	0.00
558185.174160402.59	558185.2	4160402.6	WRKR_167	WORKER	0.03	0.01	0.00	0.00
558185.174160412.59	558185.2	4160412.6	WRKR_168	WORKER	0.03	0.01	0.00	0.00
558185.174160422.59	558185.2	4160422.6	WRKR_169	WORKER	0.03	0.02	0.00	0.01
558185.174160432.59	558185.2	4160432.6	WRKR_170	WORKER	0.04	0.02	0.00	0.01
558185.174160442.59	558185.2	4160442.6	WRKR_171	WORKER	0.04	0.02	0.01	0.01
558195.174160362.59	558195.2	4160362.6	WRKR_172	WORKER	0.02	0.01	0.00	0.00
558195.174160372.59	558195.2	4160372.6	WRKR_173	WORKER	0.02	0.01	0.00	0.00
558195.174160382.59	558195.2	4160382.6	WRKR_174	WORKER	0.02	0.01	0.00	0.00
558195.174160392.59	558195.2	4160392.6	WRKR_175	WORKER	0.03	0.01	0.00	0.00
558195.174160402.59	558195.2	4160402.6	WRKR_176	WORKER	0.03	0.01	0.00	0.00
558195.174160412.59	558195.2	4160412.6	WRKR_177	WORKER	0.03	0.01	0.00	0.00
558195.174160422.59	558195.2	4160422.6	WRKR_178	WORKER	0.03	0.02	0.00	0.01
558195.174160432.59	558195.2	4160432.6	WRKR_179	WORKER	0.04	0.02	0.00	0.01
558195.174160442.59	558195.2	4160442.6	WRKR_180	WORKER	0.04	0.02	0.01	0.01
558195.174160452.59	558195.2	4160452.6	WRKR_181	WORKER	0.04	0.02	0.01	0.01
558205.174160362.59	558205.2	4160362.6	WRKR_182	WORKER	0.02	0.01	0.00	0.00
558205.174160372.59	558205.2	4160372.6	WRKR_183	WORKER	0.02	0.01	0.00	0.00
558205.174160382.59	558205.2	4160382.6	WRKR_184	WORKER	0.02	0.01	0.00	0.00
558205.174160392.59	558205.2	4160392.6	WRKR_185	WORKER	0.03	0.01	0.00	0.00
558205.174160402.59	558205.2	4160402.6	WRKR_186	WORKER	0.03	0.01	0.00	0.00
558205.174160412.59	558205.2	4160412.6	WRKR_187	WORKER	0.03	0.01	0.00	0.00
558205.174160422.59	558205.2	4160422.6	WRKR_188	WORKER	0.03	0.02	0.00	0.01
558205.174160432.59	558205.2	4160432.6	WRKR_189	WORKER	0.03	0.02	0.00	0.01
558205.174160442.59	558205.2	4160442.6	WRKR_190	WORKER	0.04	0.02	0.01	0.01
558205.174160452.59	558205.2	4160452.6	WRKR_191	WORKER	0.04	0.02	0.01	0.01
558205.174160462.59	558205.2	4160462.6	WRKR_192	WORKER	0.04	0.02	0.01	0.01
558215.174160362.59	558215.2	4160362.6	WRKR_193	WORKER	0.02	0.01	0.00	0.00
558215.174160372.59	558215.2	4160372.6	WRKR_194	WORKER	0.02	0.01	0.00	0.00
558215.174160382.59	558215.2	4160382.6	WRKR_195	WORKER	0.02	0.01	0.00	0.00
558215.174160392.59	558215.2	4160392.6	WRKR_196	WORKER	0.03	0.01	0.00	0.00
558215.174160402.59	558215.2	4160402.6	WRKR_197	WORKER	0.03	0.01	0.00	0.00
558215.174160412.59	558215.2	4160412.6	WRKR_198	WORKER	0.03	0.01	0.00	0.00
558215.174160422.59	558215.2	4160422.6	WRKR_199	WORKER	0.03	0.02	0.00	0.00
558215.174160432.59	558215.2	4160432.6	WRKR_200	WORKER	0.03	0.02	0.00	0.01
558215.174160442.59	558215.2	4160442.6	WRKR_201	WORKER	0.04	0.02	0.01	0.01
558215.174160452.59	558215.2	4160452.6	WRKR_202	WORKER	0.04	0.02	0.01	0.01
558215.174160462.59	558215.2	4160462.6	WRKR_203	WORKER	0.04	0.02	0.01	0.01
558215.174160472.59	558215.2	4160472.6	WRKR_204	WORKER	0.05	0.02	0.01	0.01
558225.174160362.59	558225.2	4160362.6	WRKR_205	WORKER	0.02	0.01	0.00	0.00
558225.174160372.59	558225.2	4160372.6	WRKR_206	WORKER	0.02	0.01	0.00	0.00
558225.174160382.59	558225.2	4160382.6	WRKR_207	WORKER	0.02	0.01	0.00	0.00
558225.174160392.59	558225.2	4160392.6	WRKR_208	WORKER	0.02	0.01	0.00	0.00
558225.174160402.59	558225.2	4160402.6	WRKR_209	WORKER	0.03	0.01	0.00	0.00
558225.174160412.59	558225.2	4160412.6	WRKR_210	WORKER	0.03	0.01	0.00	0.00
558225.174160422.59	558225.2	4160422.6	WRKR_211	WORKER	0.03	0.01	0.00	0.00
558225.174160432.59	558225.2	4160432.6	WRKR_212	WORKER	0.03	0.02	0.00	0.01
558225.174160442.59	558225.2	4160442.6	WRKR_213	WORKER	0.04	0.02	0.00	0.01
558225.174160452.59	558225.2	4160452.6	WRKR_214	WORKER	0.04	0.02	0.01	0.01
558225.174160462.59	558225.2	4160462.6	WRKR_215	WORKER	0.04	0.02	0.01	0.01

	Annual PM2.5 Concentration (ug/m^3)						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.056	0.027	0.008	0.009	0.056	558066.09	4160530.12
WORKER	0.282	0.135	0.034	0.039	0.282	558151.05	4160617.13

Annual PM2.5

XY	X	Y
558225.174160472	558225	4160473
558225.174160482	558225	4160483
558235.174160362	558235	4160363
558235.174160372	558235	4160373
558235.174160382	558235	4160383
558235.174160392	558235	4160393
558235.174160402	558235	4160403
558235.174160412	558235	4160413
558235.174160422	558235	4160423
558235.174160432	558235	4160433
558235.174160442	558235	4160443
558235.174160452	558235	4160453
558235.174160462	558235	4160463
558235.174160472	558235	4160473
558235.174160482	558235	4160483
558235.174160492	558235	4160493
558245.174160362	558245	4160363
558245.174160372	558245	4160373
558245.174160382	558245	4160383
558245.174160392	558245	4160393
558245.174160402	558245	4160403
558245.174160412	558245	4160413
558245.174160422	558245	4160423
558245.174160432	558245	4160433
558245.174160442	558245	4160443
558245.174160452	558245	4160453
558245.174160462	558245	4160463
558245.174160472	558245	4160473
558245.174160482	558245	4160483
558245.174160492	558245	4160493
558245.174160502	558245	4160503
558255.174160362	558255	4160363
558255.174160372	558255	4160373
558255.174160382	558255	4160383
558255.174160392	558255	4160393
558255.174160402	558255	4160403
558255.174160412	558255	4160413
558255.174160422	558255	4160423
558255.174160432	558255	4160433
558255.174160442	558255	4160443
558255.174160452	558255	4160453
558255.174160462	558255	4160463
558255.174160472	558255	4160473
558255.174160482	558255	4160483
558255.174160492	558255	4160493
558255.174160502	558255	4160503
558255.174160512	558255	4160513
558265.174160362	558265	4160363
558265.174160372	558265	4160373
558265.174160382	558265	4160383
558265.174160392	558265	4160393
558265.174160402	558265	4160403
558265.174160412	558265	4160413
558265.174160422	558265	4160423
558265.174160432	558265	4160433
558265.174160442	558265	4160443
558265.174160452	558265	4160453
558265.174160462	558265	4160463
558265.174160472	558265	4160473
558265.174160482	558265	4160483
558265.174160492	558265	4160493
558265.174160502	558265	4160503
558265.174160512	558265	4160513
558265.174160522	558265	4160523
558275.174160362	558275	4160363
558275.174160372	558275	4160373
558275.174160382	558275	4160383
558275.174160392	558275	4160393
558275.174160402	558275	4160403
558275.174160412	558275	4160413
558275.174160422	558275	4160423
558275.174160432	558275	4160433
558275.174160442	558275	4160443
558275.174160452	558275	4160453
558275.174160462	558275	4160463
558275.174160472	558275	4160473
558275.174160482	558275	4160483

Max PM2.5

					Annual PM2.5 Concentration (ug/m^3)			
XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558225.174160472.59	558225.2	4160472.6	WRKR_216	WORKER	0.05	0.02	0.01	0.01
558225.174160482.59	558225.2	4160482.6	WRKR_217	WORKER	0.05	0.02	0.01	0.01
558235.174160362.59	558235.2	4160362.6	WRKR_218	WORKER	0.02	0.01	0.00	0.00
558235.174160372.59	558235.2	4160372.6	WRKR_219	WORKER	0.02	0.01	0.00	0.00
558235.174160382.59	558235.2	4160382.6	WRKR_220	WORKER	0.02	0.01	0.00	0.00
558235.174160392.59	558235.2	4160392.6	WRKR_221	WORKER	0.02	0.01	0.00	0.00
558235.174160402.59	558235.2	4160402.6	WRKR_222	WORKER	0.03	0.01	0.00	0.00
558235.174160412.59	558235.2	4160412.6	WRKR_223	WORKER	0.03	0.01	0.00	0.00
558235.174160422.59	558235.2	4160422.6	WRKR_224	WORKER	0.03	0.01	0.00	0.00
558235.174160432.59	558235.2	4160432.6	WRKR_225	WORKER	0.03	0.02	0.00	0.01
558235.174160442.59	558235.2	4160442.6	WRKR_226	WORKER	0.04	0.02	0.00	0.01
558235.174160452.59	558235.2	4160452.6	WRKR_227	WORKER	0.04	0.02	0.01	0.01
558235.174160462.59	558235.2	4160462.6	WRKR_228	WORKER	0.04	0.02	0.01	0.01
558235.174160472.59	558235.2	4160472.6	WRKR_229	WORKER	0.05	0.02	0.01	0.01
558235.174160482.59	558235.2	4160482.6	WRKR_230	WORKER	0.05	0.02	0.01	0.01
558235.174160492.59	558235.2	4160492.6	WRKR_231	WORKER	0.06	0.03	0.01	0.01
558245.174160362.59	558245.2	4160362.6	WRKR_232	WORKER	0.02	0.01	0.00	0.00
558245.174160372.59	558245.2	4160372.6	WRKR_233	WORKER	0.02	0.01	0.00	0.00
558245.174160382.59	558245.2	4160382.6	WRKR_234	WORKER	0.02	0.01	0.00	0.00
558245.174160392.59	558245.2	4160392.6	WRKR_235	WORKER	0.02	0.01	0.00	0.00
558245.174160402.59	558245.2	4160402.6	WRKR_236	WORKER	0.03	0.01	0.00	0.00
558245.174160412.59	558245.2	4160412.6	WRKR_237	WORKER	0.03	0.01	0.00	0.00
558245.174160422.59	558245.2	4160422.6	WRKR_238	WORKER	0.03	0.01	0.00	0.00
558245.174160432.59	558245.2	4160432.6	WRKR_239	WORKER	0.03	0.02	0.00	0.01
558245.174160442.59	558245.2	4160442.6	WRKR_240	WORKER	0.03	0.02	0.00	0.01
558245.174160452.59	558245.2	4160452.6	WRKR_241	WORKER	0.04	0.02	0.01	0.01
558245.174160462.59	558245.2	4160462.6	WRKR_242	WORKER	0.04	0.02	0.01	0.01
558245.174160472.59	558245.2	4160472.6	WRKR_243	WORKER	0.04	0.02	0.01	0.01
558245.174160482.59	558245.2	4160482.6	WRKR_244	WORKER	0.05	0.02	0.01	0.01
558245.174160492.59	558245.2	4160492.6	WRKR_245	WORKER	0.05	0.03	0.01	0.01
558245.174160502.59	558245.2	4160502.6	WRKR_246	WORKER	0.06	0.03	0.01	0.01
558255.174160362.59	558255.2	4160362.6	WRKR_247	WORKER	0.02	0.01	0.00	0.00
558255.174160372.59	558255.2	4160372.6	WRKR_248	WORKER	0.02	0.01	0.00	0.00
558255.174160382.59	558255.2	4160382.6	WRKR_249	WORKER	0.02	0.01	0.00	0.00
558255.174160392.59	558255.2	4160392.6	WRKR_250	WORKER	0.02	0.01	0.00	0.00
558255.174160402.59	558255.2	4160402.6	WRKR_251	WORKER	0.02	0.01	0.00	0.00
558255.174160412.59	558255.2	4160412.6	WRKR_252	WORKER	0.03	0.01	0.00	0.00
558255.174160422.59	558255.2	4160422.6	WRKR_253	WORKER	0.03	0.01	0.00	0.00
558255.174160432.59	558255.2	4160432.6	WRKR_254	WORKER	0.03	0.01	0.00	0.00
558255.174160442.59	558255.2	4160442.6	WRKR_255	WORKER	0.03	0.02	0.00	0.01
558255.174160452.59	558255.2	4160452.6	WRKR_256	WORKER	0.04	0.02	0.00	0.01
558255.174160462.59	558255.2	4160462.6	WRKR_257	WORKER	0.04	0.02	0.01	0.01
558255.174160472.59	558255.2	4160472.6	WRKR_258	WORKER	0.04	0.02	0.01	0.01
558255.174160482.59	558255.2	4160482.6	WRKR_259	WORKER	0.05	0.02	0.01	0.01
558255.174160492.59	558255.2	4160492.6	WRKR_260	WORKER	0.05	0.02	0.01	0.01
558255.174160502.59	558255.2	4160502.6	WRKR_261	WORKER	0.06	0.03	0.01	0.01
558255.174160512.59	558255.2	4160512.6	WRKR_262	WORKER	0.06	0.03	0.01	0.01
558265.174160362.59	558265.2	4160362.6	WRKR_263	WORKER	0.02	0.01	0.00	0.00
558265.174160372.59	558265.2	4160372.6	WRKR_264	WORKER	0.02	0.01	0.00	0.00
558265.174160382.59	558265.2	4160382.6	WRKR_265	WORKER	0.02	0.01	0.00	0.00
558265.174160392.59	558265.2	4160392.6	WRKR_266	WORKER	0.02	0.01	0.00	0.00
558265.174160402.59	558265.2	4160402.6	WRKR_267	WORKER	0.02	0.01	0.00	0.00
558265.174160412.59	558265.2	4160412.6	WRKR_268	WORKER	0.03	0.01	0.00	0.00
558265.174160422.59	558265.2	4160422.6	WRKR_269	WORKER	0.03	0.01	0.00	0.00
558265.174160432.59	558265.2	4160432.6	WRKR_270	WORKER	0.03	0.01	0.00	0.00
558265.174160442.59	558265.2	4160442.6	WRKR_271	WORKER	0.03	0.02	0.00	0.01
558265.174160452.59	558265.2	4160452.6	WRKR_272	WORKER	0.03	0.02	0.00	0.01
558265.174160462.59	558265.2	4160462.6	WRKR_273	WORKER	0.04	0.02	0.01	0.01
558265.174160472.59	558265.2	4160472.6	WRKR_274	WORKER	0.04	0.02	0.01	0.01
558265.174160482.59	558265.2	4160482.6	WRKR_275	WORKER	0.05	0.02	0.01	0.01
558265.174160492.59	558265.2	4160492.6	WRKR_276	WORKER	0.05	0.02	0.01	0.01
558265.174160502.59	558265.2	4160502.6	WRKR_277	WORKER	0.06	0.03	0.01	0.01
558265.174160512.59	558265.2	4160512.6	WRKR_278	WORKER	0.06	0.03	0.01	0.01
558265.174160522.59	558265.2	4160522.6	WRKR_279	WORKER	0.07	0.03	0.01	0.01
558275.174160362.59	558275.2	4160362.6	WRKR_280	WORKER	0.02	0.01	0.00	0.00
558275.174160372.59	558275.2	4160372.6	WRKR_281	WORKER	0.02	0.01	0.00	0.00
558275.174160382.59	558275.2	4160382.6	WRKR_282	WORKER	0.02	0.01	0.00	0.00
558275.174160392.59	558275.2	4160392.6	WRKR_283	WORKER	0.02	0.01	0.00	0.00
558275.174160402.59	558275.2	4160402.6	WRKR_284	WORKER	0.02	0.01	0.00	0.00
558275.174160412.59	558275.2	4160412.6	WRKR_285	WORKER	0.02	0.01	0.00	0.00
558275.174160422.59	558275.2	4160422.6	WRKR_286	WORKER	0.03	0.01	0.00	0.00
558275.174160432.59	558275.2	4160432.6	WRKR_287	WORKER	0.03	0.01	0.00	0.00
558275.174160442.59	558275.2	4160442.6	WRKR_288	WORKER	0.03	0.01	0.00	0.01
558275.174160452.59	558275.2	4160452.6	WRKR_289	WORKER	0.03	0.02	0.00	0.01
558275.174160462.59	558275.2	4160462.6	WRKR_290	WORKER	0.04	0.02	0.01	0.01
558275.174160472.59	558275.2	4160472.6	WRKR_291	WORKER	0.04	0.02	0.01	0.01
558275.174160482.59	558275.2	4160482.6	WRKR_292	WORKER	0.04	0.02	0.01	0.01

	Annual PM2.5 Concentration (ug/m^3)						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.056	0.027	0.008	0.009	0.056	558066.09	4160530.12
WORKER	0.282	0.135	0.034	0.039	0.282	558151.05	4160617.13

Annual PM2.5

XY	X	Y
558275.174160492	558275	4160493
558275.174160502	558275	4160503
558275.174160512	558275	4160513
558275.174160522	558275	4160523
558275.174160532	558275	4160533
558285.174160362	558285	4160363
558285.174160372	558285	4160373
558285.174160382	558285	4160383
558285.174160392	558285	4160393
558285.174160402	558285	4160403
558285.174160412	558285	4160413
558285.174160422	558285	4160423
558285.174160432	558285	4160433
558285.174160442	558285	4160443
558285.174160452	558285	4160453
558285.174160462	558285	4160463
558285.174160472	558285	4160473
558285.174160482	558285	4160483
558285.174160492	558285	4160493
558285.174160502	558285	4160503
558285.174160512	558285	4160513
558285.174160522	558285	4160523
558285.174160532	558285	4160533
558295.174160362	558295	4160363
558295.174160372	558295	4160373
558295.174160382	558295	4160383
558295.174160392	558295	4160393
558295.174160402	558295	4160403
558295.174160412	558295	4160413
558295.174160422	558295	4160423
558295.174160432	558295	4160433
558295.174160442	558295	4160443
558295.174160452	558295	4160453
558295.174160462	558295	4160463
558295.174160472	558295	4160473
558295.174160482	558295	4160483
558295.174160492	558295	4160493
558295.174160502	558295	4160503
558295.174160512	558295	4160513
558295.174160522	558295	4160523
558295.174160532	558295	4160533
558305.174160362	558305	4160363
558305.174160372	558305	4160373
558305.174160382	558305	4160383
558305.174160392	558305	4160393
558305.174160402	558305	4160403
558305.174160412	558305	4160413
558305.174160422	558305	4160423
558305.174160432	558305	4160433
558305.174160442	558305	4160443
558305.174160452	558305	4160453
558305.174160462	558305	4160463
558305.174160472	558305	4160473
558305.174160482	558305	4160483
558305.174160492	558305	4160493
558305.174160502	558305	4160503
558305.174160512	558305	4160513
558305.174160522	558305	4160523
558305.174160532	558305	4160533
558315.174160362	558315	4160363
558315.174160372	558315	4160373
558315.174160382	558315	4160383
558315.174160392	558315	4160393
558315.174160402	558315	4160403
558315.174160412	558315	4160413
558315.174160422	558315	4160423
558315.174160432	558315	4160433
558315.174160442	558315	4160443
558315.174160452	558315	4160453
558315.174160462	558315	4160463
558315.174160472	558315	4160473
558315.174160482	558315	4160483
558315.174160492	558315	4160493
558315.174160502	558315	4160503
558315.174160512	558315	4160513
558315.174160522	558315	4160523
558315.174160532	558315	4160533

Max PM2.5

XY	X	Y	GROUP	GROUP2	Annual PM2.5 Concentration (ug/m^3) Year 1	Year 2	Year 3	Year 4
558275.174160492.59	558275.2	4160492.6	WRKR_293	WORKER	0.05	0.02	0.01	0.01
558275.174160502.59	558275.2	4160502.6	WRKR_294	WORKER	0.05	0.03	0.01	0.01
558275.174160512.59	558275.2	4160512.6	WRKR_295	WORKER	0.06	0.03	0.01	0.01
558275.174160522.59	558275.2	4160522.6	WRKR_296	WORKER	0.07	0.03	0.01	0.01
558275.174160532.59	558275.2	4160532.6	WRKR_297	WORKER	0.08	0.04	0.01	0.01
558285.174160362.59	558285.2	4160362.6	WRKR_298	WORKER	0.02	0.01	0.00	0.00
558285.174160372.59	558285.2	4160372.6	WRKR_299	WORKER	0.02	0.01	0.00	0.00
558285.174160382.59	558285.2	4160382.6	WRKR_300	WORKER	0.02	0.01	0.00	0.00
558285.174160392.59	558285.2	4160392.6	WRKR_301	WORKER	0.02	0.01	0.00	0.00
558285.174160402.59	558285.2	4160402.6	WRKR_302	WORKER	0.02	0.01	0.00	0.00
558285.174160412.59	558285.2	4160412.6	WRKR_303	WORKER	0.02	0.01	0.00	0.00
558285.174160422.59	558285.2	4160422.6	WRKR_304	WORKER	0.03	0.01	0.00	0.00
558285.174160432.59	558285.2	4160432.6	WRKR_305	WORKER	0.03	0.01	0.00	0.00
558285.174160442.59	558285.2	4160442.6	WRKR_306	WORKER	0.03	0.01	0.00	0.00
558285.174160452.59	558285.2	4160452.6	WRKR_307	WORKER	0.03	0.02	0.00	0.01
558285.174160462.59	558285.2	4160462.6	WRKR_308	WORKER	0.04	0.02	0.01	0.01
558285.174160472.59	558285.2	4160472.6	WRKR_309	WORKER	0.04	0.02	0.01	0.01
558285.174160482.59	558285.2	4160482.6	WRKR_310	WORKER	0.04	0.02	0.01	0.01
558285.174160492.59	558285.2	4160492.6	WRKR_311	WORKER	0.05	0.02	0.01	0.01
558285.174160502.59	558285.2	4160502.6	WRKR_312	WORKER	0.05	0.03	0.01	0.01
558285.174160512.59	558285.2	4160512.6	WRKR_313	WORKER	0.06	0.03	0.01	0.01
558285.174160522.59	558285.2	4160522.6	WRKR_314	WORKER	0.07	0.03	0.01	0.01
558285.174160532.59	558285.2	4160532.6	WRKR_315	WORKER	0.08	0.04	0.01	0.01
558295.174160362.59	558295.2	4160362.6	WRKR_316	WORKER	0.02	0.01	0.00	0.00
558295.174160372.59	558295.2	4160372.6	WRKR_317	WORKER	0.02	0.01	0.00	0.00
558295.174160382.59	558295.2	4160382.6	WRKR_318	WORKER	0.02	0.01	0.00	0.00
558295.174160392.59	558295.2	4160392.6	WRKR_319	WORKER	0.02	0.01	0.00	0.00
558295.174160402.59	558295.2	4160402.6	WRKR_320	WORKER	0.02	0.01	0.00	0.00
558295.174160412.59	558295.2	4160412.6	WRKR_321	WORKER	0.02	0.01	0.00	0.00
558295.174160422.59	558295.2	4160422.6	WRKR_322	WORKER	0.02	0.01	0.00	0.00
558295.174160432.59	558295.2	4160432.6	WRKR_323	WORKER	0.03	0.01	0.00	0.00
558295.174160442.59	558295.2	4160442.6	WRKR_324	WORKER	0.03	0.01	0.00	0.00
558295.174160452.59	558295.2	4160452.6	WRKR_325	WORKER	0.03	0.02	0.00	0.01
558295.174160462.59	558295.2	4160462.6	WRKR_326	WORKER	0.03	0.02	0.00	0.01
558295.174160472.59	558295.2	4160472.6	WRKR_327	WORKER	0.04	0.02	0.01	0.01
558295.174160482.59	558295.2	4160482.6	WRKR_328	WORKER	0.04	0.02	0.01	0.01
558295.174160492.59	558295.2	4160492.6	WRKR_329	WORKER	0.05	0.02	0.01	0.01
558295.174160502.59	558295.2	4160502.6	WRKR_330	WORKER	0.05	0.02	0.01	0.01
558295.174160512.59	558295.2	4160512.6	WRKR_331	WORKER	0.06	0.03	0.01	0.01
558295.174160522.59	558295.2	4160522.6	WRKR_332	WORKER	0.07	0.03	0.01	0.01
558295.174160532.59	558295.2	4160532.6	WRKR_333	WORKER	0.08	0.04	0.01	0.01
558305.174160362.59	558305.2	4160362.6	WRKR_334	WORKER	0.02	0.01	0.00	0.00
558305.174160372.59	558305.2	4160372.6	WRKR_335	WORKER	0.02	0.01	0.00	0.00
558305.174160382.59	558305.2	4160382.6	WRKR_336	WORKER	0.02	0.01	0.00	0.00
558305.174160392.59	558305.2	4160392.6	WRKR_337	WORKER	0.02	0.01	0.00	0.00
558305.174160402.59	558305.2	4160402.6	WRKR_338	WORKER	0.02	0.01	0.00	0.00
558305.174160412.59	558305.2	4160412.6	WRKR_339	WORKER	0.02	0.01	0.00	0.00
558305.174160422.59	558305.2	4160422.6	WRKR_340	WORKER	0.02	0.01	0.00	0.00
558305.174160432.59	558305.2	4160432.6	WRKR_341	WORKER	0.03	0.01	0.00	0.00
558305.174160442.59	558305.2	4160442.6	WRKR_342	WORKER	0.03	0.01	0.00	0.00
558305.174160452.59	558305.2	4160452.6	WRKR_343	WORKER	0.03	0.01	0.00	0.01
558305.174160462.59	558305.2	4160462.6	WRKR_344	WORKER	0.03	0.02	0.00	0.01
558305.174160472.59	558305.2	4160472.6	WRKR_345	WORKER	0.04	0.02	0.01	0.01
558305.174160482.59	558305.2	4160482.6	WRKR_346	WORKER	0.04	0.02	0.01	0.01
558305.174160492.59	558305.2	4160492.6	WRKR_347	WORKER	0.05	0.02	0.01	0.01
558305.174160502.59	558305.2	4160502.6	WRKR_348	WORKER	0.05	0.02	0.01	0.01
558305.174160512.59	558305.2	4160512.6	WRKR_349	WORKER	0.06	0.03	0.01	0.01
558305.174160522.59	558305.2	4160522.6	WRKR_350	WORKER	0.07	0.03	0.01	0.01
558305.174160532.59	558305.2	4160532.6	WRKR_351	WORKER	0.08	0.04	0.01	0.01
558315.174160362.59	558315.2	4160362.6	WRKR_352	WORKER	0.02	0.01	0.00	0.00
558315.174160372.59	558315.2	4160372.6	WRKR_353	WORKER	0.02	0.01	0.00	0.00
558315.174160382.59	558315.2	4160382.6	WRKR_354	WORKER	0.02	0.01	0.00	0.00
558315.174160392.59	558315.2	4160392.6	WRKR_355	WORKER	0.02	0.01	0.00	0.00
558315.174160402.59	558315.2	4160402.6	WRKR_356	WORKER	0.02	0.01	0.00	0.00
558315.174160412.59	558315.2	4160412.6	WRKR_357	WORKER	0.02	0.01	0.00	0.00
558315.174160422.59	558315.2	4160422.6	WRKR_358	WORKER	0.02	0.01	0.00	0.00
558315.174160432.59	558315.2	4160432.6	WRKR_359	WORKER	0.02	0.01	0.00	0.00
558315.174160442.59	558315.2	4160442.6	WRKR_360	WORKER	0.03	0.01	0.00	0.00
558315.174160452.59	558315.2	4160452.6	WRKR_361	WORKER	0.03	0.01	0.00	0.00
558315.174160462.59	558315.2	4160462.6	WRKR_362	WORKER	0.03	0.02	0.00	0.01
558315.174160472.59	558315.2	4160472.6	WRKR_363	WORKER	0.04	0.02	0.01	0.01
558315.174160482.59	558315.2	4160482.6	WRKR_364	WORKER	0.04	0.02	0.01	0.01
558315.174160492.59	558315.2	4160492.6	WRKR_365	WORKER	0.04	0.02	0.01	0.01
558315.174160502.59	558315.2	4160502.6	WRKR_366	WORKER	0.05	0.02	0.01	0.01
558315.174160512.59	558315.2	4160512.6	WRKR_367	WORKER	0.06	0.03	0.01	0.01
558315.174160522.59	558315.2	4160522.6	WRKR_368	WORKER	0.06	0.03	0.01	0.01
558315.174160532.59	558315.2	4160532.6	WRKR_369	WORKER	0.07	0.04	0.01	0.01

	Annual PM2.5 Concentration (ug/m^3)						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.056	0.027	0.008	0.009	0.056	558066.09	4160530.12
WORKER	0.282	0.135	0.034	0.039	0.282	558151.05	4160617.13

Annual PM2.5

XY	X	Y
558325.174160362	558325	4160363
558325.174160372	558325	4160373
558325.174160382	558325	4160383
558325.174160392	558325	4160393
558325.174160402	558325	4160403
558325.174160412	558325	4160413
558325.174160422	558325	4160423
558325.174160432	558325	4160433
558325.174160442	558325	4160443
558325.174160452	558325	4160453
558325.174160462	558325	4160463
558325.174160472	558325	4160473
558325.174160482	558325	4160483
558325.174160492	558325	4160493
558325.174160502	558325	4160503
558325.174160512	558325	4160513
558325.174160522	558325	4160523
558325.174160532	558325	4160533
558325.174160362	558335	4160363
558335.174160372	558335	4160373
558335.174160382	558335	4160383
558335.174160392	558335	4160393
558335.174160402	558335	4160403
558335.174160412	558335	4160413
558335.174160422	558335	4160423
558335.174160432	558335	4160433
558335.174160442	558335	4160443
558335.174160452	558335	4160453
558335.174160462	558335	4160463
558335.174160472	558335	4160473
558335.174160482	558335	4160483
558335.174160492	558335	4160493
558335.174160502	558335	4160503
558335.174160512	558335	4160513
558335.174160522	558335	4160523
558335.174160532	558335	4160533
558345.174160362	558345	4160363
558345.174160372	558345	4160373
558345.174160382	558345	4160383
558345.174160392	558345	4160393
558345.174160402	558345	4160403
558345.174160412	558345	4160413
558345.174160422	558345	4160423
558345.174160432	558345	4160433
558345.174160442	558345	4160443
558345.174160452	558345	4160453
558345.174160462	558345	4160463
558345.174160472	558345	4160473
558345.174160482	558345	4160483
558345.174160492	558345	4160493
558345.174160502	558345	4160503
558345.174160512	558345	4160513
558345.174160522	558345	4160523
558345.174160532	558345	4160533
558355.174160362	558355	4160363
558355.174160372	558355	4160373
558355.174160382	558355	4160383
558355.174160392	558355	4160393
558355.174160402	558355	4160403
558355.174160412	558355	4160413
558355.174160422	558355	4160423
558355.174160432	558355	4160433
558355.174160442	558355	4160443
558355.174160452	558355	4160453
558355.174160462	558355	4160463
558355.174160472	558355	4160473
558355.174160482	558355	4160483
558355.174160492	558355	4160493
558355.174160502	558355	4160503
558355.174160512	558355	4160513
558355.174160522	558355	4160523
558355.174160532	558355	4160533
558365.174160362	558365	4160363
558365.174160372	558365	4160373
558365.174160382	558365	4160383
558365.174160392	558365	4160393
558365.174160402	558365	4160403

Max PM2.5

XY	X	Y	GROUP	GROUP2	Annual PM2.5 Concentration (ug/m^3) Year 1	Year 2	Year 3	Year 4
558325.174160362.59	558325.2	4160362.6	WRKR_370	WORKER	0.01	0.01	0.00	0.00
558325.174160372.59	558325.2	4160372.6	WRKR_371	WORKER	0.02	0.01	0.00	0.00
558325.174160382.59	558325.2	4160382.6	WRKR_372	WORKER	0.02	0.01	0.00	0.00
558325.174160392.59	558325.2	4160392.6	WRKR_373	WORKER	0.02	0.01	0.00	0.00
558325.174160402.59	558325.2	4160402.6	WRKR_374	WORKER	0.02	0.01	0.00	0.00
558325.174160412.59	558325.2	4160412.6	WRKR_375	WORKER	0.02	0.01	0.00	0.00
558325.174160422.59	558325.2	4160422.6	WRKR_376	WORKER	0.02	0.01	0.00	0.00
558325.174160432.59	558325.2	4160432.6	WRKR_377	WORKER	0.02	0.01	0.00	0.00
558325.174160442.59	558325.2	4160442.6	WRKR_378	WORKER	0.03	0.01	0.00	0.00
558325.174160452.59	558325.2	4160452.6	WRKR_379	WORKER	0.03	0.01	0.00	0.00
558325.174160462.59	558325.2	4160462.6	WRKR_380	WORKER	0.03	0.02	0.00	0.01
558325.174160472.59	558325.2	4160472.6	WRKR_381	WORKER	0.03	0.02	0.00	0.01
558325.174160482.59	558325.2	4160482.6	WRKR_382	WORKER	0.04	0.02	0.01	0.01
558325.174160492.59	558325.2	4160492.6	WRKR_383	WORKER	0.04	0.02	0.01	0.01
558325.174160502.59	558325.2	4160502.6	WRKR_384	WORKER	0.05	0.02	0.01	0.01
558325.174160512.59	558325.2	4160512.6	WRKR_385	WORKER	0.06	0.03	0.01	0.01
558325.174160522.59	558325.2	4160522.6	WRKR_386	WORKER	0.06	0.03	0.01	0.01
558325.174160532.59	558325.2	4160532.6	WRKR_387	WORKER	0.07	0.03	0.01	0.01
558335.174160362.59	558335.2	4160362.6	WRKR_388	WORKER	0.01	0.01	0.00	0.00
558335.174160372.59	558335.2	4160372.6	WRKR_389	WORKER	0.02	0.01	0.00	0.00
558335.174160382.59	558335.2	4160382.6	WRKR_390	WORKER	0.02	0.01	0.00	0.00
558335.174160392.59	558335.2	4160392.6	WRKR_391	WORKER	0.02	0.01	0.00	0.00
558335.174160402.59	558335.2	4160402.6	WRKR_392	WORKER	0.02	0.01	0.00	0.00
558335.174160412.59	558335.2	4160412.6	WRKR_393	WORKER	0.02	0.01	0.00	0.00
558335.174160422.59	558335.2	4160422.6	WRKR_394	WORKER	0.02	0.01	0.00	0.00
558335.174160432.59	558335.2	4160432.6	WRKR_395	WORKER	0.02	0.01	0.00	0.00
558335.174160442.59	558335.2	4160442.6	WRKR_396	WORKER	0.03	0.01	0.00	0.00
558335.174160452.59	558335.2	4160452.6	WRKR_397	WORKER	0.03	0.01	0.00	0.00
558335.174160462.59	558335.2	4160462.6	WRKR_398	WORKER	0.03	0.01	0.00	0.01
558335.174160472.59	558335.2	4160472.6	WRKR_399	WORKER	0.03	0.02	0.00	0.01
558335.174160482.59	558335.2	4160482.6	WRKR_400	WORKER	0.04	0.02	0.01	0.01
558335.174160492.59	558335.2	4160492.6	WRKR_401	WORKER	0.04	0.02	0.01	0.01
558335.174160502.59	558335.2	4160502.6	WRKR_402	WORKER	0.05	0.02	0.01	0.01
558335.174160512.59	558335.2	4160512.6	WRKR_403	WORKER	0.05	0.03	0.01	0.01
558335.174160522.59	558335.2	4160522.6	WRKR_404	WORKER	0.06	0.03	0.01	0.01
558335.174160532.59	558335.2	4160532.6	WRKR_405	WORKER	0.07	0.03	0.01	0.01
558345.174160362.59	558345.2	4160362.6	WRKR_406	WORKER	0.01	0.01	0.00	0.00
558345.174160372.59	558345.2	4160372.6	WRKR_407	WORKER	0.01	0.01	0.00	0.00
558345.174160382.59	558345.2	4160382.6	WRKR_408	WORKER	0.02	0.01	0.00	0.00
558345.174160392.59	558345.2	4160392.6	WRKR_409	WORKER	0.02	0.01	0.00	0.00
558345.174160402.59	558345.2	4160402.6	WRKR_410	WORKER	0.02	0.01	0.00	0.00
558345.174160412.59	558345.2	4160412.6	WRKR_411	WORKER	0.02	0.01	0.00	0.00
558345.174160422.59	558345.2	4160422.6	WRKR_412	WORKER	0.02	0.01	0.00	0.00
558345.174160432.59	558345.2	4160432.6	WRKR_413	WORKER	0.02	0.01	0.00	0.00
558345.174160442.59	558345.2	4160442.6	WRKR_414	WORKER	0.02	0.01	0.00	0.00
558345.174160452.59	558345.2	4160452.6	WRKR_415	WORKER	0.03	0.01	0.00	0.00
558345.174160462.59	558345.2	4160462.6	WRKR_416	WORKER	0.03	0.01	0.00	0.00
558345.174160472.59	558345.2	4160472.6	WRKR_417	WORKER	0.03	0.02	0.00	0.01
558345.174160482.59	558345.2	4160482.6	WRKR_418	WORKER	0.04	0.02	0.01	0.01
558345.174160492.59	558345.2	4160492.6	WRKR_419	WORKER	0.04	0.02	0.01	0.01
558345.174160502.59	558345.2	4160502.6	WRKR_420	WORKER	0.05	0.02	0.01	0.01
558345.174160512.59	558345.2	4160512.6	WRKR_421	WORKER	0.05	0.03	0.01	0.01
558345.174160522.59	558345.2	4160522.6	WRKR_422	WORKER	0.06	0.03	0.01	0.01
558345.174160532.59	558345.2	4160532.6	WRKR_423	WORKER	0.07	0.03	0.01	0.01
558355.174160362.59	558355.2	4160362.6	WRKR_424	WORKER	0.01	0.01	0.00	0.00
558355.174160372.59	558355.2	4160372.6	WRKR_425	WORKER	0.01	0.01	0.00	0.00
558355.174160382.59	558355.2	4160382.6	WRKR_426	WORKER	0.01	0.01	0.00	0.00
558355.174160392.59	558355.2	4160392.6	WRKR_427	WORKER	0.02	0.01	0.00	0.00
558355.174160402.59	558355.2	4160402.6	WRKR_428	WORKER	0.02	0.01	0.00	0.00
558355.174160412.59	558355.2	4160412.6	WRKR_429	WORKER	0.02	0.01	0.00	0.00
558355.174160422.59	558355.2	4160422.6	WRKR_430	WORKER	0.02	0.01	0.00	0.00
558355.174160432.59	558355.2	4160432.6	WRKR_431	WORKER	0.02	0.01	0.00	0.00
558355.174160442.59	558355.2	4160442.6	WRKR_432	WORKER	0.02	0.01	0.00	0.00
558355.174160452.59	558355.2	4160452.6	WRKR_433	WORKER	0.03	0.01	0.00	0.00
558355.174160462.59	558355.2	4160462.6	WRKR_434	WORKER	0.03	0.01	0.00	0.00
558355.174160472.59	558355.2	4160472.6	WRKR_435	WORKER	0.03	0.02	0.00	0.01
558355.174160482.59	558355.2	4160482.6	WRKR_436	WORKER	0.04	0.02	0.01	0.01
558355.174160492.59	558355.2	4160492.6	WRKR_437	WORKER	0.04	0.02	0.01	0.01
558355.174160502.59	558355.2	4160502.6	WRKR_438	WORKER	0.04	0.02	0.01	0.01
558355.174160512.59	558355.2	4160512.6	WRKR_439	WORKER	0.05	0.02	0.01	0.01
558355.174160522.59	558355.2	4160522.6	WRKR_440	WORKER	0.06	0.03	0.01	0.01
558355.174160532.59	558355.2	4160532.6	WRKR_441	WORKER	0.07	0.03	0.01	0.01
558365.174160362.59	558365.2	4160362.6	WRKR_442	WORKER	0.01	0.01	0.00	0.00
558365.174160372.59	558365.2	4160372.6	WRKR_443	WORKER	0.01	0.01	0.00	0.00
558365.174160382.59	558365.2	4160382.6	WRKR_444	WORKER	0.01	0.01	0.00	0.00
558365.174160392.59	558365.2	4160392.6	WRKR_445	WORKER	0.02	0.01	0.00	0.00
558365.174160402.59	558365.2	4160402.6	WRKR_446	WORKER	0.02	0.01	0.00	0.00

	Annual PM2.5 Concentration (ug/m^3)						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.056	0.027	0.008	0.009	0.056	558066.09	4160530.12
WORKER	0.282	0.135	0.034	0.039	0.282	558151.05	4160617.13

Annual PM2.5

XY	X	Y
558365.174160412	558365	4160413
558365.174160422	558365	4160423
558365.174160432	558365	4160433
558365.174160442	558365	4160443
558365.174160452	558365	4160453
558365.174160462	558365	4160463
558365.174160472	558365	4160473
558365.174160482	558365	4160483
558365.174160492	558365	4160493
558365.174160502	558365	4160503
558365.174160512	558365	4160513
558365.174160522	558365	4160523
558365.174160532	558365	4160533
558375.174160362	558375	4160363
558375.174160372	558375	4160373
558375.174160382	558375	4160383
558375.174160392	558375	4160393
558375.174160402	558375	4160403
558375.174160412	558375	4160413
558375.174160422	558375	4160423
558375.174160432	558375	4160433
558375.174160442	558375	4160443
558375.174160452	558375	4160453
558375.174160462	558375	4160463
558375.174160472	558375	4160473
558375.174160482	558375	4160483
558375.174160492	558375	4160493
558375.174160502	558375	4160503
558375.174160512	558375	4160513
558375.174160522	558375	4160523
558375.174160532	558375	4160533
558385.174160362	558385	4160363
558385.174160372	558385	4160373
558385.174160382	558385	4160383
558385.174160392	558385	4160393
558385.174160402	558385	4160403
558385.174160412	558385	4160413
558385.174160422	558385	4160423
558385.174160432	558385	4160433
558385.174160442	558385	4160443
558385.174160452	558385	4160453
558385.174160462	558385	4160463
558385.174160472	558385	4160473
558385.174160482	558385	4160483
558385.174160492	558385	4160493
558385.174160502	558385	4160503
558385.174160512	558385	4160513
558385.174160522	558385	4160523
558385.174160532	558385	4160533
558395.174160362	558395	4160363
558395.174160372	558395	4160373
558395.174160382	558395	4160383
558395.174160392	558395	4160393
558395.174160402	558395	4160403
558395.174160412	558395	4160413
558395.174160422	558395	4160423
558395.174160432	558395	4160433
558395.174160442	558395	4160443
558395.174160452	558395	4160453
558395.174160462	558395	4160463
558395.174160472	558395	4160473
558395.174160482	558395	4160483
558395.174160492	558395	4160493
558395.174160502	558395	4160503
558395.174160512	558395	4160513
557513.484160678	557513	4160679
557513.484160688	557513	4160689
557513.484160698	557513	4160699
557513.484160708	557513	4160709
557513.484160718	557513	4160719
557513.484160728	557513	4160729
557523.484160678	557523	4160679
557523.484160688	557523	4160689
557523.484160698	557523	4160699
557523.484160708	557523	4160709
557523.484160718	557523	4160719
557523.484160728	557523	4160729

Max PM2.5

XY	X	Y	GROUP	GROUP2	Annual PM2.5 Concentration (ug/m^3) Year 1	Year 2	Year 3	Year 4
558365.174160412.59	558365.2	4160412.6	WRKR_447	WORKER	0.02	0.01	0.00	0.00
558365.174160422.59	558365.2	4160422.6	WRKR_448	WORKER	0.02	0.01	0.00	0.00
558365.174160432.59	558365.2	4160432.6	WRKR_449	WORKER	0.02	0.01	0.00	0.00
558365.174160442.59	558365.2	4160442.6	WRKR_450	WORKER	0.02	0.01	0.00	0.00
558365.174160452.59	558365.2	4160452.6	WRKR_451	WORKER	0.03	0.01	0.00	0.00
558365.174160462.59	558365.2	4160462.6	WRKR_452	WORKER	0.03	0.01	0.00	0.00
558365.174160472.59	558365.2	4160472.6	WRKR_453	WORKER	0.03	0.01	0.00	0.01
558365.174160482.59	558365.2	4160482.6	WRKR_454	WORKER	0.03	0.02	0.01	0.01
558365.174160492.59	558365.2	4160492.6	WRKR_455	WORKER	0.04	0.02	0.01	0.01
558365.174160502.59	558365.2	4160502.6	WRKR_456	WORKER	0.04	0.02	0.01	0.01
558365.174160512.59	558365.2	4160512.6	WRKR_457	WORKER	0.05	0.02	0.01	0.01
558365.174160522.59	558365.2	4160522.6	WRKR_458	WORKER	0.06	0.03	0.01	0.01
558365.174160532.59	558365.2	4160532.6	WRKR_459	WORKER	0.07	0.03	0.01	0.01
558375.174160362.59	558375.2	4160362.6	WRKR_460	WORKER	0.01	0.01	0.00	0.00
558375.174160372.59	558375.2	4160372.6	WRKR_461	WORKER	0.01	0.01	0.00	0.00
558375.174160382.59	558375.2	4160382.6	WRKR_462	WORKER	0.01	0.01	0.00	0.00
558375.174160392.59	558375.2	4160392.6	WRKR_463	WORKER	0.02	0.01	0.00	0.00
558375.174160402.59	558375.2	4160402.6	WRKR_464	WORKER	0.02	0.01	0.00	0.00
558375.174160412.59	558375.2	4160412.6	WRKR_465	WORKER	0.02	0.01	0.00	0.00
558375.174160422.59	558375.2	4160422.6	WRKR_466	WORKER	0.02	0.01	0.00	0.00
558375.174160432.59	558375.2	4160432.6	WRKR_467	WORKER	0.02	0.01	0.00	0.00
558375.174160442.59	558375.2	4160442.6	WRKR_468	WORKER	0.02	0.01	0.00	0.00
558375.174160452.59	558375.2	4160452.6	WRKR_469	WORKER	0.02	0.01	0.00	0.00
558375.174160462.59	558375.2	4160462.6	WRKR_470	WORKER	0.03	0.01	0.00	0.00
558375.174160472.59	558375.2	4160472.6	WRKR_471	WORKER	0.03	0.01	0.00	0.01
558375.174160482.59	558375.2	4160482.6	WRKR_472	WORKER	0.03	0.02	0.00	0.01
558375.174160492.59	558375.2	4160492.6	WRKR_473	WORKER	0.04	0.02	0.01	0.01
558375.174160502.59	558375.2	4160502.6	WRKR_474	WORKER	0.04	0.02	0.01	0.01
558375.174160512.59	558375.2	4160512.6	WRKR_475	WORKER	0.05	0.02	0.01	0.01
558375.174160522.59	558375.2	4160522.6	WRKR_476	WORKER	0.06	0.03	0.01	0.01
558375.174160532.59	558375.2	4160532.6	WRKR_477	WORKER	0.06	0.03	0.01	0.01
558385.174160362.59	558385.2	4160362.6	WRKR_478	WORKER	0.01	0.01	0.00	0.00
558385.174160372.59	558385.2	4160372.6	WRKR_479	WORKER	0.01	0.01	0.00	0.00
558385.174160382.59	558385.2	4160382.6	WRKR_480	WORKER	0.01	0.01	0.00	0.00
558385.174160392.59	558385.2	4160392.6	WRKR_481	WORKER	0.01	0.01	0.00	0.00
558385.174160402.59	558385.2	4160402.6	WRKR_482	WORKER	0.02	0.01	0.00	0.00
558385.174160412.59	558385.2	4160412.6	WRKR_483	WORKER	0.02	0.01	0.00	0.00
558385.174160422.59	558385.2	4160422.6	WRKR_484	WORKER	0.02	0.01	0.00	0.00
558385.174160432.59	558385.2	4160432.6	WRKR_485	WORKER	0.02	0.01	0.00	0.00
558385.174160442.59	558385.2	4160442.6	WRKR_486	WORKER	0.02	0.01	0.00	0.00
558385.174160452.59	558385.2	4160452.6	WRKR_487	WORKER	0.02	0.01	0.00	0.00
558385.174160462.59	558385.2	4160462.6	WRKR_488	WORKER	0.03	0.01	0.00	0.00
558385.174160472.59	558385.2	4160472.6	WRKR_489	WORKER	0.03	0.01	0.00	0.01
558385.174160482.59	558385.2	4160482.6	WRKR_490	WORKER	0.03	0.02	0.00	0.01
558385.174160492.59	558385.2	4160492.6	WRKR_491	WORKER	0.04	0.02	0.01	0.01
558385.174160502.59	558385.2	4160502.6	WRKR_492	WORKER	0.04	0.02	0.01	0.01
558385.174160512.59	558385.2	4160512.6	WRKR_493	WORKER	0.05	0.02	0.01	0.01
558385.174160522.59	558385.2	4160522.6	WRKR_494	WORKER	0.05	0.03	0.01	0.01
558385.174160532.59	558385.2	4160532.6	WRKR_495	WORKER	0.06	0.03	0.01	0.01
558395.174160362.59	558395.2	4160362.6	WRKR_496	WORKER	0.01	0.01	0.00	0.00
558395.174160372.59	558395.2	4160372.6	WRKR_497	WORKER	0.01	0.01	0.00	0.00
558395.174160382.59	558395.2	4160382.6	WRKR_498	WORKER	0.01	0.01	0.00	0.00
558395.174160392.59	558395.2	4160392.6	WRKR_499	WORKER	0.01	0.01	0.00	0.00
558395.174160402.59	558395.2	4160402.6	WRKR_500	WORKER	0.02	0.01	0.00	0.00
558395.174160412.59	558395.2	4160412.6	WRKR_501	WORKER	0.02	0.01	0.00	0.00
558395.174160422.59	558395.2	4160422.6	WRKR_502	WORKER	0.02	0.01	0.00	0.00
558395.174160432.59	558395.2	4160432.6	WRKR_503	WORKER	0.02	0.01	0.00	0.00
558395.174160442.59	558395.2	4160442.6	WRKR_504	WORKER	0.02	0.01	0.00	0.00
558395.174160452.59	558395.2	4160452.6	WRKR_505	WORKER	0.02	0.01	0.00	0.00
558395.174160462.59	558395.2	4160462.6	WRKR_506	WORKER	0.03	0.01	0.00	0.00
558395.174160472.59	558395.2	4160472.6	WRKR_507	WORKER	0.03	0.01	0.00	0.01
558395.174160482.59	558395.2	4160482.6	WRKR_508	WORKER	0.03	0.02	0.00	0.01
558395.174160492.59	558395.2	4160492.6	WRKR_509	WORKER	0.04	0.02	0.01	0.01
558395.174160502.59	558395.2	4160502.6	WRKR_510	WORKER	0.04	0.02	0.01	0.01
558395.174160512.59	558395.2	4160512.6	WRKR_511	WORKER	0.05	0.02	0.01	0.01
557513.484160678.78	557513.5	4160678.8	HOTEL_1	RESIDENT	0.00	0.00	0.00	0.00
557513.484160688.78	557513.5	4160688.8	HOTEL_2	RESIDENT	0.00	0.00	0.00	0.00
557513.484160698.78	557513.5	4160698.8	HOTEL_3	RESIDENT	0.00	0.00	0.00	0.00
557513.484160708.78	557513.5	4160708.8	HOTEL_4	RESIDENT	0.00	0.00	0.00	0.00
557513.484160718.78	557513.5	4160718.8	HOTEL_5	RESIDENT	0.00	0.00	0.00	0.00
557513.484160728.78	557513.5	4160728.8	HOTEL_6	RESIDENT	0.00	0.00	0.00	0.00
557523.484160678.78	557523.5	4160678.8	HOTEL_7	RESIDENT	0.00	0.00	0.00	0.00
557523.484160688.78	557523.5	4160688.8	HOTEL_8	RESIDENT	0.00	0.00	0.00	0.00
557523.484160698.78	557523.5	4160698.8	HOTEL_9	RESIDENT	0.00	0.00	0.00	0.00
557523.484160708.78	557523.5	4160708.8	HOTEL_10	RESIDENT	0.00	0.00	0.00	0.00
557523.484160718.78	557523.5	4160718.8	HOTEL_11	RESIDENT	0.00	0.00	0.00	0.00
557523.484160728.78	557523.5	4160728.8	HOTEL_12	RESIDENT	0.00	0.00	0.00	0.00

	Annual PM2.5 Concentration (ug/m^3)						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.056	0.027	0.008	0.009	0.056	558066.09	4160530.12
WORKER	0.282	0.135	0.034	0.039	0.282	558151.05	4160617.13

Annual PM2.5

XY	X	Y
557533.484160678	557533	4160679
557533.484160688	557533	4160689
557533.484160698	557533	4160699
557533.484160708	557533	4160709
557533.484160718	557533	4160719
557533.484160728	557533	4160729
557543.484160678	557543	4160679
557543.484160688	557543	4160689
557543.484160698	557543	4160699
557543.484160708	557543	4160709
557543.484160718	557543	4160719
557543.484160728	557543	4160729
557553.484160678	557553	4160679
557553.484160688	557553	4160689
557553.484160698	557553	4160699
557553.484160708	557553	4160709
557553.484160718	557553	4160719
557553.484160728	557553	4160729
557563.484160678	557563	4160679
557563.484160688	557563	4160689
557563.484160698	557563	4160699
557563.484160708	557563	4160709
557563.484160718	557563	4160719
557563.484160728	557563	4160729
557573.484160678	557573	4160679
557573.484160688	557573	4160689
557573.484160698	557573	4160699
557573.484160708	557573	4160709
557573.484160718	557573	4160719
557573.484160728	557573	4160729
557583.484160678	557583	4160679
557583.484160688	557583	4160689
557583.484160698	557583	4160699
557583.484160708	557583	4160709
557583.484160718	557583	4160719
557583.484160728	557583	4160729
557593.484160678	557593	4160679
557593.484160688	557593	4160689
557593.484160698	557593	4160699
557593.484160708	557593	4160709
557593.484160718	557593	4160719
557593.484160728	557593	4160729
557603.484160678	557603	4160679
557603.484160688	557603	4160689
557603.484160698	557603	4160699
557603.484160708	557603	4160709
557603.484160718	557603	4160719
557613.484160678	557613	4160679
557613.484160688	557613	4160689
557613.484160698	557613	4160699
557613.484160708	557613	4160709
557623.484160688	557623	4160689
557623.484160698	557623	4160699
557623.484160708	557623	4160709
558477.664160568	558478	4160569
558477.664160578	558478	4160579
558477.664160588	558478	4160589
558477.664160598	558478	4160599
558487.664160568	558488	4160569
558487.664160578	558488	4160579
558487.664160588	558488	4160589
558487.664160598	558488	4160599
558497.664160568	558498	4160569
558497.664160578	558498	4160579
558497.664160588	558498	4160589
558497.664160598	558498	4160599
558507.664160568	558508	4160569
558507.664160578	558508	4160579
558507.664160588	558508	4160589
558507.664160598	558508	4160599
558517.664160568	558518	4160569
558517.664160578	558518	4160579
558517.664160588	558518	4160589
558517.664160598	558518	4160599
558527.664160568	558528	4160569
558527.664160578	558528	4160579
558527.664160588	558528	4160589

Max PM2.5

					Annual PM2.5 Concentration (ug/m^3)			
XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
557533.484160678.78	557533.5	4160678.8	HOTEL_13	RESIDENT	0.00	0.00	0.00	0.00
557533.484160688.78	557533.5	4160688.8	HOTEL_14	RESIDENT	0.00	0.00	0.00	0.00
557533.484160698.78	557533.5	4160698.8	HOTEL_15	RESIDENT	0.00	0.00	0.00	0.00
557533.484160708.78	557533.5	4160708.8	HOTEL_16	RESIDENT	0.00	0.00	0.00	0.00
557533.484160718.78	557533.5	4160718.8	HOTEL_17	RESIDENT	0.00	0.00	0.00	0.00
557533.484160728.78	557533.5	4160728.8	HOTEL_18	RESIDENT	0.00	0.00	0.00	0.00
557543.484160678.78	557543.5	4160678.8	HOTEL_19	RESIDENT	0.00	0.00	0.00	0.00
557543.484160688.78	557543.5	4160688.8	HOTEL_20	RESIDENT	0.00	0.00	0.00	0.00
557543.484160698.78	557543.5	4160698.8	HOTEL_21	RESIDENT	0.00	0.00	0.00	0.00
557543.484160708.78	557543.5	4160708.8	HOTEL_22	RESIDENT	0.00	0.00	0.00	0.00
557543.484160718.78	557543.5	4160718.8	HOTEL_23	RESIDENT	0.00	0.00	0.00	0.00
557543.484160728.78	557543.5	4160728.8	HOTEL_24	RESIDENT	0.00	0.00	0.00	0.00
557553.484160678.78	557553.5	4160678.8	HOTEL_25	RESIDENT	0.00	0.00	0.00	0.00
557553.484160688.78	557553.5	4160688.8	HOTEL_26	RESIDENT	0.00	0.00	0.00	0.00
557553.484160698.78	557553.5	4160698.8	HOTEL_27	RESIDENT	0.00	0.00	0.00	0.00
557553.484160708.78	557553.5	4160708.8	HOTEL_28	RESIDENT	0.00	0.00	0.00	0.00
557553.484160718.78	557553.5	4160718.8	HOTEL_29	RESIDENT	0.00	0.00	0.00	0.00
557553.484160728.78	557553.5	4160728.8	HOTEL_30	RESIDENT	0.00	0.00	0.00	0.00
557563.484160678.78	557563.5	4160678.8	HOTEL_31	RESIDENT	0.00	0.00	0.00	0.00
557563.484160688.78	557563.5	4160688.8	HOTEL_32	RESIDENT	0.00	0.00	0.00	0.00
557563.484160698.78	557563.5	4160698.8	HOTEL_33	RESIDENT	0.00	0.00	0.00	0.00
557563.484160708.78	557563.5	4160708.8	HOTEL_34	RESIDENT	0.00	0.00	0.00	0.00
557563.484160718.78	557563.5	4160718.8	HOTEL_35	RESIDENT	0.00	0.00	0.00	0.00
557563.484160728.78	557563.5	4160728.8	HOTEL_36	RESIDENT	0.00	0.00	0.00	0.00
557573.484160678.78	557573.5	4160678.8	HOTEL_37	RESIDENT	0.00	0.00	0.00	0.00
557573.484160688.78	557573.5	4160688.8	HOTEL_38	RESIDENT	0.00	0.00	0.00	0.00
557573.484160698.78	557573.5	4160698.8	HOTEL_39	RESIDENT	0.00	0.00	0.00	0.00
557573.484160708.78	557573.5	4160708.8	HOTEL_40	RESIDENT	0.00	0.00	0.00	0.00
557573.484160718.78	557573.5	4160718.8	HOTEL_41	RESIDENT	0.00	0.00	0.00	0.00
557573.484160728.78	557573.5	4160728.8	HOTEL_42	RESIDENT	0.00	0.00	0.00	0.00
557583.484160678.78	557583.5	4160678.8	HOTEL_43	RESIDENT	0.00	0.00	0.00	0.00
557583.484160688.78	557583.5	4160688.8	HOTEL_44	RESIDENT	0.00	0.00	0.00	0.00
557583.484160698.78	557583.5	4160698.8	HOTEL_45	RESIDENT	0.00	0.00	0.00	0.00
557583.484160708.78	557583.5	4160708.8	HOTEL_46	RESIDENT	0.00	0.00	0.00	0.00
557583.484160718.78	557583.5	4160718.8	HOTEL_47	RESIDENT	0.00	0.00	0.00	0.00
557583.484160728.78	557583.5	4160728.8	HOTEL_48	RESIDENT	0.00	0.00	0.00	0.00
557593.484160678.78	557593.5	4160678.8	HOTEL_49	RESIDENT	0.00	0.00	0.00	0.00
557593.484160688.78	557593.5	4160688.8	HOTEL_50	RESIDENT	0.00	0.00	0.00	0.00
557593.484160698.78	557593.5	4160698.8	HOTEL_51	RESIDENT	0.00	0.00	0.00	0.00
557593.484160708.78	557593.5	4160708.8	HOTEL_52	RESIDENT	0.00	0.00	0.00	0.00
557593.484160718.78	557593.5	4160718.8	HOTEL_53	RESIDENT	0.00	0.00	0.00	0.00
557593.484160728.78	557593.5	4160728.8	HOTEL_54	RESIDENT	0.00	0.00	0.00	0.00
557603.484160678.78	557603.5	4160678.8	HOTEL_55	RESIDENT	0.00	0.00	0.00	0.00
557603.484160688.78	557603.5	4160688.8	HOTEL_56	RESIDENT	0.00	0.00	0.00	0.00
557603.484160698.78	557603.5	4160698.8	HOTEL_57	RESIDENT	0.00	0.00	0.00	0.00
557603.484160708.78	557603.5	4160708.8	HOTEL_58	RESIDENT	0.00	0.00	0.00	0.00
557603.484160718.78	557603.5	4160718.8	HOTEL_59	RESIDENT	0.00	0.00	0.00	0.00
557613.484160678.78	557613.5	4160678.8	HOTEL_60	RESIDENT	0.00	0.00	0.00	0.00
557613.484160688.78	557613.5	4160688.8	HOTEL_61	RESIDENT	0.00	0.00	0.00	0.00
557613.484160698.78	557613.5	4160698.8	HOTEL_62	RESIDENT	0.00	0.00	0.00	0.00
557613.484160708.78	557613.5	4160708.8	HOTEL_63	RESIDENT	0.00	0.00	0.00	0.00
557623.484160688.78	557623.5	4160688.8	HOTEL_64	RESIDENT	0.01	0.00	0.00	0.00
557623.484160698.78	557623.5	4160698.8	HOTEL_65	RESIDENT	0.00	0.00	0.00	0.00
557623.484160708.78	557623.5	4160708.8	HOTEL_66	RESIDENT	0.00	0.00	0.00	0.00
558477.664160568.94	558477.7	4160568.9	WRKR_512	WORKER	0.07	0.03	0.01	0.01
558477.664160578.94	558477.7	4160578.9	WRKR_513	WORKER	0.07	0.04	0.01	0.01
558477.664160588.94	558477.7	4160588.9	WRKR_514	WORKER	0.08	0.04	0.01	0.01
558477.664160598.94	558477.7	4160598.9	WRKR_515	WORKER	0.09	0.04	0.01	0.02
558487.664160568.94	558487.7	4160568.9	WRKR_516	WORKER	0.06	0.03	0.01	0.01
558487.664160578.94	558487.7	4160578.9	WRKR_517	WORKER	0.07	0.03	0.01	0.01
558487.664160588.94	558487.7	4160588.9	WRKR_518	WORKER	0.08	0.04	0.01	0.01
558487.664160598.94	558487.7	4160598.9	WRKR_519	WORKER	0.08	0.04	0.01	0.02
558497.664160568.94	558497.7	4160568.9	WRKR_520	WORKER	0.06	0.03	0.01	0.01
558497.664160578.94	558497.7	4160578.9	WRKR_521	WORKER	0.07	0.03	0.01	0.01
558497.664160588.94	558497.7	4160588.9	WRKR_522	WORKER	0.07	0.04	0.01	0.01
558497.664160598.94	558497.7	4160598.9	WRKR_523	WORKER	0.08	0.04	0.01	0.02
558507.664160568.94	558507.7	4160568.9	WRKR_524	WORKER	0.06	0.03	0.01	0.01
558507.664160578.94	558507.7	4160578.9	WRKR_525	WORKER	0.07	0.03	0.01	0.01
558507.664160588.94	558507.7	4160588.9	WRKR_526	WORKER	0.07	0.04	0.01	0.01
558507.664160598.94	558507.7	4160598.9	WRKR_527	WORKER	0.08	0.04	0.01	0.01
558517.664160568.94	558517.7	4160568.9	WRKR_528	WORKER	0.06	0.03	0.01	0.01
558517.664160578.94	558517.7	4160578.9	WRKR_529	WORKER	0.06	0.03	0.01	0.01
558517.664160588.94	558517.7	4160588.9	WRKR_530	WORKER	0.07	0.03	0.01	0.01
558517.664160598.94	558517.7	4160598.9	WRKR_531	WORKER	0.07	0.04	0.01	0.01
558527.664160568.94	558527.7	4160568.9	WRKR_532	WORKER	0.06	0.03	0.01	0.01
558527.664160578.94	558527.7	4160578.9	WRKR_533	WORKER	0.06	0.03	0.01	0.01
558527.664160588.94	558527.7	4160588.9	WRKR_534	WORKER	0.07	0.03	0.01	0.01

	Annual PM2.5 Concentration (ug/m^3)						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.056	0.027	0.008	0.009	0.056	558066.09	4160530.12
WORKER	0.282	0.135	0.034	0.039	0.282	558151.05	4160617.13

Annual PM2.5

XY	X	Y
558527.664160598	558528	4160599
558537.664160568	558538	4160569
558537.664160578	558538	4160579
558537.664160588	558538	4160589
558537.664160598	558538	4160599
558547.664160568	558548	4160569
558547.664160578	558548	4160579
558547.664160588	558548	4160589
558557.664160568	558558	4160569
558600.644160569	558601	4160569
558600.644160579	558601	4160579
558600.644160589	558601	4160589
558600.644160599	558601	4160599
558610.644160569	558611	4160569
558610.644160579	558611	4160579
558610.644160589	558611	4160589
558610.644160599	558611	4160599
558620.644160569	558621	4160569
558620.644160579	558621	4160579
558620.644160589	558621	4160589
558620.644160599	558621	4160599
558630.644160569	558631	4160569
558630.644160579	558631	4160579
558630.644160589	558631	4160589
558630.644160599	558631	4160599
558640.644160569	558641	4160569
558640.644160579	558641	4160579
558640.644160589	558641	4160589
558640.644160599	558641	4160599
558650.644160569	558651	4160569
558650.644160579	558651	4160579
558650.644160589	558651	4160589
558650.644160599	558651	4160599
558660.644160569	558661	4160569
558660.644160579	558661	4160579
558660.644160589	558661	4160589
558660.644160599	558661	4160599
558670.644160569	558671	4160569
558670.644160579	558671	4160579
558670.644160589	558671	4160589
558495.44160499.4	558495	4160499
558495.44160509.4	558495	4160509
558495.44160519.4	558495	4160519
558495.44160529.4	558495	4160529
558505.44160499.4	558505	4160499
558505.44160509.4	558505	4160509
558505.44160519.4	558505	4160519
558505.44160529.4	558505	4160529
558515.44160499.4	558515	4160499
558515.44160509.4	558515	4160509
558515.44160519.4	558515	4160519
558515.44160529.4	558515	4160529
558525.44160499.4	558525	4160499
558525.44160509.4	558525	4160509
558525.44160519.4	558525	4160519
558525.44160529.4	558525	4160529
558535.44160499.4	558535	4160499
558535.44160509.4	558535	4160509
558535.44160519.4	558535	4160519
558535.44160529.4	558535	4160529
558545.44160499.4	558545	4160499
558545.44160509.4	558545	4160509
558545.44160519.4	558545	4160519
558545.44160529.4	558545	4160529
558555.44160499.4	558555	4160499
558555.44160509.4	558555	4160509
558555.44160519.4	558555	4160519
558555.44160529.4	558555	4160529
558565.44160499.4	558565	4160499
558565.44160509.4	558565	4160509
558565.44160519.4	558565	4160519
558565.44160529.4	558565	4160529
558618.984160498	558619	4160499
558618.984160508	558619	4160509
558618.984160518	558619	4160519
558618.984160528	558619	4160529
558628.984160498	558629	4160499

Max PM2.5

XY	X	Y	GROUP	GROUP2	Annual PM2.5 Concentration (ug/m^3) Year 1	Year 2	Year 3	Year 4
558527.664160598.94	558527.7	4160598.9	WRKR_535	WORKER	0.07	0.04	0.01	0.01
558537.664160568.94	558537.7	4160568.9	WRKR_536	WORKER	0.06	0.03	0.01	0.01
558537.664160578.94	558537.7	4160578.9	WRKR_537	WORKER	0.06	0.03	0.01	0.01
558537.664160588.94	558537.7	4160588.9	WRKR_538	WORKER	0.06	0.03	0.01	0.01
558537.664160598.94	558537.7	4160598.9	WRKR_539	WORKER	0.07	0.03	0.01	0.01
558547.664160568.94	558547.7	4160568.9	WRKR_540	WORKER	0.05	0.03	0.01	0.01
558547.664160578.94	558547.7	4160578.9	WRKR_541	WORKER	0.06	0.03	0.01	0.01
558547.664160588.94	558547.7	4160588.9	WRKR_542	WORKER	0.06	0.03	0.01	0.01
558557.664160568.94	558557.7	4160568.9	WRKR_543	WORKER	0.05	0.03	0.01	0.01
558600.644160569.24	558600.6	4160569.2	WRKR_544	WORKER	0.04	0.02	0.01	0.01
558600.644160579.24	558600.6	4160579.2	WRKR_545	WORKER	0.05	0.02	0.01	0.01
558600.644160589.24	558600.6	4160589.2	WRKR_546	WORKER	0.05	0.02	0.01	0.01
558600.644160599.24	558600.6	4160599.2	WRKR_547	WORKER	0.05	0.02	0.01	0.01
558610.644160569.24	558610.6	4160569.2	WRKR_548	WORKER	0.04	0.02	0.01	0.01
558610.644160579.24	558610.6	4160579.2	WRKR_549	WORKER	0.04	0.02	0.01	0.01
558610.644160589.24	558610.6	4160589.2	WRKR_550	WORKER	0.04	0.02	0.01	0.01
558610.644160599.24	558610.6	4160599.2	WRKR_551	WORKER	0.05	0.02	0.01	0.01
558620.644160569.24	558620.6	4160569.2	WRKR_552	WORKER	0.04	0.02	0.01	0.01
558620.644160579.24	558620.6	4160579.2	WRKR_553	WORKER	0.04	0.02	0.01	0.01
558620.644160589.24	558620.6	4160589.2	WRKR_554	WORKER	0.04	0.02	0.01	0.01
558620.644160599.24	558620.6	4160599.2	WRKR_555	WORKER	0.04	0.02	0.01	0.01
558630.644160569.24	558630.6	4160569.2	WRKR_556	WORKER	0.04	0.02	0.01	0.01
558630.644160579.24	558630.6	4160579.2	WRKR_557	WORKER	0.04	0.02	0.01	0.01
558630.644160589.24	558630.6	4160589.2	WRKR_558	WORKER	0.04	0.02	0.01	0.01
558630.644160599.24	558630.6	4160599.2	WRKR_559	WORKER	0.04	0.02	0.01	0.01
558640.644160569.24	558640.6	4160569.2	WRKR_560	WORKER	0.04	0.02	0.01	0.01
558640.644160579.24	558640.6	4160579.2	WRKR_561	WORKER	0.04	0.02	0.01	0.01
558640.644160589.24	558640.6	4160589.2	WRKR_562	WORKER	0.04	0.02	0.01	0.01
558640.644160599.24	558640.6	4160599.2	WRKR_563	WORKER	0.04	0.02	0.01	0.01
558650.644160569.24	558650.6	4160569.2	WRKR_564	WORKER	0.03	0.02	0.01	0.01
558650.644160579.24	558650.6	4160579.2	WRKR_565	WORKER	0.04	0.02	0.01	0.01
558650.644160589.24	558650.6	4160589.2	WRKR_566	WORKER	0.04	0.02	0.01	0.01
558650.644160599.24	558650.6	4160599.2	WRKR_567	WORKER	0.04	0.02	0.01	0.01
558660.644160569.24	558660.6	4160569.2	WRKR_568	WORKER	0.03	0.02	0.01	0.01
558660.644160579.24	558660.6	4160579.2	WRKR_569	WORKER	0.03	0.02	0.01	0.01
558660.644160589.24	558660.6	4160589.2	WRKR_570	WORKER	0.03	0.02	0.01	0.01
558660.644160599.24	558660.6	4160599.2	WRKR_571	WORKER	0.03	0.02	0.01	0.01
558670.644160569.24	558670.6	4160569.2	WRKR_572	WORKER	0.03	0.02	0.01	0.01
558670.644160579.24	558670.6	4160579.2	WRKR_573	WORKER	0.03	0.02	0.01	0.01
558670.644160589.24	558670.6	4160589.2	WRKR_574	WORKER	0.03	0.02	0.01	0.01
558495.44160499.48	558495.4	4160499.5	WRKR_575	WORKER	0.03	0.02	0.01	0.01
558495.44160509.48	558495.4	4160509.5	WRKR_576	WORKER	0.04	0.02	0.01	0.01
558495.44160519.48	558495.4	4160519.5	WRKR_577	WORKER	0.04	0.02	0.01	0.01
558495.44160529.48	558495.4	4160529.5	WRKR_578	WORKER	0.05	0.02	0.01	0.01
558505.44160499.48	558505.4	4160499.5	WRKR_579	WORKER	0.03	0.02	0.01	0.01
558505.44160509.48	558505.4	4160509.5	WRKR_580	WORKER	0.04	0.02	0.01	0.01
558505.44160519.48	558505.4	4160519.5	WRKR_581	WORKER	0.04	0.02	0.01	0.01
558505.44160529.48	558505.4	4160529.5	WRKR_582	WORKER	0.04	0.02	0.01	0.01
558515.44160499.48	558515.4	4160499.5	WRKR_583	WORKER	0.03	0.02	0.01	0.01
558515.44160509.48	558515.4	4160509.5	WRKR_584	WORKER	0.04	0.02	0.01	0.01
558515.44160519.48	558515.4	4160519.5	WRKR_585	WORKER	0.04	0.02	0.01	0.01
558515.44160529.48	558515.4	4160529.5	WRKR_586	WORKER	0.04	0.02	0.01	0.01
558525.44160499.48	558525.4	4160499.5	WRKR_587	WORKER	0.03	0.02	0.01	0.01
558525.44160509.48	558525.4	4160509.5	WRKR_588	WORKER	0.04	0.02	0.01	0.01
558525.44160519.48	558525.4	4160519.5	WRKR_589	WORKER	0.04	0.02	0.01	0.01
558525.44160529.48	558525.4	4160529.5	WRKR_590	WORKER	0.04	0.02	0.01	0.01
558535.44160499.48	558535.4	4160499.5	WRKR_591	WORKER	0.03	0.02	0.01	0.01
558535.44160509.48	558535.4	4160509.5	WRKR_592	WORKER	0.04	0.02	0.01	0.01
558535.44160519.48	558535.4	4160519.5	WRKR_593	WORKER	0.04	0.02	0.01	0.01
558535.44160529.48	558535.4	4160529.5	WRKR_594	WORKER	0.04	0.02	0.01	0.01
558545.44160499.48	558545.4	4160499.5	WRKR_595	WORKER	0.03	0.02	0.01	0.01
558545.44160509.48	558545.4	4160509.5	WRKR_596	WORKER	0.04	0.02	0.01	0.01
558545.44160519.48	558545.4	4160519.5	WRKR_597	WORKER	0.04	0.02	0.01	0.01
558545.44160529.48	558545.4	4160529.5	WRKR_598	WORKER	0.04	0.02	0.01	0.01
558555.44160499.48	558555.4	4160499.5	WRKR_599	WORKER	0.03	0.02	0.01	0.01
558555.44160509.48	558555.4	4160509.5	WRKR_600	WORKER	0.04	0.02	0.01	0.01
558555.44160519.48	558555.4	4160519.5	WRKR_601	WORKER	0.04	0.02	0.01	0.01
558555.44160529.48	558555.4	4160529.5	WRKR_602	WORKER	0.04	0.02	0.01	0.01
558565.44160499.48	558565.4	4160499.5	WRKR_603	WORKER	0.03	0.02	0.01	0.01
558565.44160509.48	558565.4	4160509.5	WRKR_604	WORKER	0.04	0.02	0.01	0.01
558565.44160519.48	558565.4	4160519.5	WRKR_605	WORKER	0.04	0.02	0.01	0.01
558565.44160529.48	558565.4	4160529.5	WRKR_606	WORKER	0.04	0.02	0.01	0.01
558618.984160498.88	558619	4160498.9	WRKR_607	WORKER	0.03	0.02	0.01	0.01
558618.984160508.88	558619	4160508.9	WRKR_608	WORKER	0.03	0.02	0.01	0.01
558618.984160518.88	558619	4160518.9	WRKR_609	WORKER	0.03	0.02	0.01	0.01
558618.984160528.88	558619	4160528.9	WRKR_610	WORKER	0.04	0.02	0.01	0.01
558628.984160498.88	558629	4160498.9	WRKR_611	WORKER	0.03	0.02	0.01	0.01

	Annual PM2.5 Concentration (ug/m^3)						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.056	0.027	0.008	0.009	0.056	558066.09	4160530.12
WORKER	0.282	0.135	0.034	0.039	0.282	558151.05	4160617.13

Annual PM2.5

XY	X	Y
558628.984160508	558629	4160509
558628.984160518	558629	4160519
558628.984160528	558629	4160529
558638.984160498	558639	4160499
558638.984160508	558639	4160509
558638.984160518	558639	4160519
558638.984160528	558639	4160529
558648.984160498	558649	4160499
558648.984160508	558649	4160509
558648.984160518	558649	4160519
558648.984160528	558649	4160529
558658.984160498	558659	4160499
558658.984160508	558659	4160509
558658.984160518	558659	4160519
558658.984160528	558659	4160529
558668.984160498	558669	4160499
558668.984160508	558669	4160509
558668.984160518	558669	4160519
558668.984160528	558669	4160529
558678.984160498	558679	4160499
558678.984160508	558679	4160509
558678.984160518	558679	4160519
558678.984160528	558679	4160529
558688.984160498	558689	4160499
558688.984160508	558689	4160509
558688.984160518	558689	4160519
558444.414160372	558444	4160372
558454.414160382	558454	4160382
558454.414160392	558454	4160392
558454.414160402	558454	4160402
558464.414160382	558464	4160382
558464.414160392	558464	4160392
558464.414160402	558464	4160402
558474.414160382	558474	4160382
558474.414160392	558474	4160392
558474.414160402	558474	4160402
558484.414160382	558484	4160382
558484.414160392	558484	4160392
558484.414160402	558484	4160402
558494.414160382	558494	4160382
558494.414160392	558494	4160392
558494.414160402	558494	4160402
558504.414160382	558504	4160382
558504.414160392	558504	4160392
558504.414160402	558504	4160402
558514.414160382	558514	4160382
558514.414160392	558514	4160392
558514.414160402	558514	4160402
558524.414160392	558524	4160392
558524.414160402	558524	4160402
558581.824160392	558582	4160392
558581.824160402	558582	4160402
558581.824160412	558582	4160412
558581.824160422	558582	4160422
558591.824160392	558592	4160392
558591.824160402	558592	4160402
558591.824160412	558592	4160412
558591.824160422	558592	4160422
558601.824160382	558602	4160382
558601.824160392	558602	4160392
558601.824160402	558602	4160402
558601.824160412	558602	4160412
558601.824160422	558602	4160422
558611.824160382	558612	4160382
558611.824160392	558612	4160392
558611.824160402	558612	4160402
558611.824160412	558612	4160412
558611.824160422	558612	4160422
558621.824160382	558622	4160382
558621.824160392	558622	4160392
558621.824160402	558622	4160402
558621.824160412	558622	4160412
558621.824160422	558622	4160422
558631.824160382	558632	4160382
558631.824160392	558632	4160392
558631.824160402	558632	4160402
558641.824160382	558642	4160382

Max PM2.5

					Annual PM2.5 Concentration (ug/m^3)			
XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558628.984160508.88	558629	4160508.9	WRKR_612	WORKER	0.03	0.02	0.01	0.01
558628.984160518.88	558629	4160518.9	WRKR_613	WORKER	0.03	0.02	0.01	0.01
558628.984160528.88	558629	4160528.9	WRKR_614	WORKER	0.03	0.02	0.01	0.01
558638.984160498.88	558639	4160498.9	WRKR_615	WORKER	0.03	0.02	0.01	0.01
558638.984160508.88	558639	4160508.9	WRKR_616	WORKER	0.03	0.02	0.01	0.01
558638.984160518.88	558639	4160518.9	WRKR_617	WORKER	0.03	0.02	0.01	0.01
558638.984160528.88	558639	4160528.9	WRKR_618	WORKER	0.03	0.02	0.01	0.01
558648.984160498.88	558649	4160498.9	WRKR_619	WORKER	0.03	0.01	0.01	0.01
558648.984160508.88	558649	4160508.9	WRKR_620	WORKER	0.03	0.02	0.01	0.01
558648.984160518.88	558649	4160518.9	WRKR_621	WORKER	0.03	0.02	0.01	0.01
558648.984160528.88	558649	4160528.9	WRKR_622	WORKER	0.03	0.02	0.01	0.01
558658.984160498.88	558659	4160498.9	WRKR_623	WORKER	0.03	0.01	0.01	0.01
558658.984160508.88	558659	4160508.9	WRKR_624	WORKER	0.03	0.01	0.01	0.01
558658.984160518.88	558659	4160518.9	WRKR_625	WORKER	0.03	0.02	0.01	0.01
558658.984160528.88	558659	4160528.9	WRKR_626	WORKER	0.03	0.02	0.01	0.01
558668.984160498.88	558669	4160498.9	WRKR_627	WORKER	0.03	0.01	0.01	0.01
558668.984160508.88	558669	4160508.9	WRKR_628	WORKER	0.03	0.01	0.01	0.01
558668.984160518.88	558669	4160518.9	WRKR_629	WORKER	0.03	0.01	0.01	0.01
558668.984160528.88	558669	4160528.9	WRKR_630	WORKER	0.03	0.02	0.01	0.01
558678.984160498.88	558679	4160498.9	WRKR_631	WORKER	0.03	0.01	0.00	0.01
558678.984160508.88	558679	4160508.9	WRKR_632	WORKER	0.03	0.01	0.00	0.01
558678.984160518.88	558679	4160518.9	WRKR_633	WORKER	0.03	0.01	0.00	0.01
558678.984160528.88	558679	4160528.9	WRKR_634	WORKER	0.03	0.01	0.00	0.01
558688.984160498.88	558689	4160498.9	WRKR_635	WORKER	0.03	0.01	0.00	0.01
558688.984160508.88	558689	4160508.9	WRKR_636	WORKER	0.03	0.01	0.00	0.01
558688.984160518.88	558689	4160518.9	WRKR_637	WORKER	0.03	0.01	0.00	0.01
558444.414160372.35	558444.4	4160372.4	WRKR_638	WORKER	0.01	0.01	0.00	0.00
558454.414160382.35	558454.4	4160382.4	WRKR_639	WORKER	0.01	0.01	0.00	0.00
558454.414160392.35	558454.4	4160392.4	WRKR_640	WORKER	0.01	0.01	0.00	0.00
558454.414160402.35	558454.4	4160402.4	WRKR_641	WORKER	0.01	0.01	0.00	0.00
558464.414160382.35	558464.4	4160382.4	WRKR_642	WORKER	0.01	0.01	0.00	0.00
558464.414160392.35	558464.4	4160392.4	WRKR_643	WORKER	0.01	0.01	0.00	0.00
558464.414160402.35	558464.4	4160402.4	WRKR_644	WORKER	0.01	0.01	0.00	0.00
558474.414160382.35	558474.4	4160382.4	WRKR_645	WORKER	0.01	0.01	0.00	0.00
558474.414160392.35	558474.4	4160392.4	WRKR_646	WORKER	0.01	0.01	0.00	0.00
558474.414160402.35	558474.4	4160402.4	WRKR_647	WORKER	0.01	0.01	0.00	0.00
558484.414160382.35	558484.4	4160382.4	WRKR_648	WORKER	0.01	0.01	0.00	0.00
558484.414160392.35	558484.4	4160392.4	WRKR_649	WORKER	0.01	0.01	0.00	0.00
558484.414160402.35	558484.4	4160402.4	WRKR_650	WORKER	0.01	0.01	0.00	0.00
558494.414160382.35	558494.4	4160382.4	WRKR_651	WORKER	0.01	0.01	0.00	0.00
558494.414160392.35	558494.4	4160392.4	WRKR_652	WORKER	0.01	0.01	0.00	0.00
558494.414160402.35	558494.4	4160402.4	WRKR_653	WORKER	0.01	0.01	0.00	0.00
558504.414160382.35	558504.4	4160382.4	WRKR_654	WORKER	0.01	0.01	0.00	0.00
558504.414160392.35	558504.4	4160392.4	WRKR_655	WORKER	0.01	0.01	0.00	0.00
558504.414160402.35	558504.4	4160402.4	WRKR_656	WORKER	0.01	0.01	0.00	0.00
558514.414160382.35	558514.4	4160382.4	WRKR_657	WORKER	0.01	0.01	0.00	0.00
558514.414160392.35	558514.4	4160392.4	WRKR_658	WORKER	0.01	0.01	0.00	0.00
558514.414160402.35	558514.4	4160402.4	WRKR_659	WORKER	0.01	0.01	0.00	0.00
558524.414160392.35	558524.4	4160392.4	WRKR_660	WORKER	0.01	0.01	0.00	0.00
558524.414160402.35	558524.4	4160402.4	WRKR_661	WORKER	0.01	0.01	0.00	0.00
558581.824160392.36	558581.8	4160392.4	WRKR_662	WORKER	0.01	0.01	0.00	0.00
558581.824160402.36	558581.8	4160402.4	WRKR_663	WORKER	0.02	0.01	0.00	0.00
558581.824160412.36	558581.8	4160412.4	WRKR_664	WORKER	0.02	0.01	0.00	0.00
558581.824160422.36	558581.8	4160422.4	WRKR_665	WORKER	0.02	0.01	0.00	0.00
558591.824160392.36	558591.8	4160392.4	WRKR_666	WORKER	0.01	0.01	0.00	0.00
558591.824160402.36	558591.8	4160402.4	WRKR_667	WORKER	0.02	0.01	0.00	0.00
558591.824160412.36	558591.8	4160412.4	WRKR_668	WORKER	0.02	0.01	0.00	0.00
558591.824160422.36	558591.8	4160422.4	WRKR_669	WORKER	0.02	0.01	0.00	0.01
558601.824160382.36	558601.8	4160382.4	WRKR_670	WORKER	0.01	0.01	0.00	0.00
558601.824160392.36	558601.8	4160392.4	WRKR_671	WORKER	0.01	0.01	0.00	0.00
558601.824160402.36	558601.8	4160402.4	WRKR_672	WORKER	0.02	0.01	0.00	0.00
558601.824160412.36	558601.8	4160412.4	WRKR_673	WORKER	0.02	0.01	0.00	0.00
558601.824160422.36	558601.8	4160422.4	WRKR_674	WORKER	0.02	0.01	0.00	0.01
558611.824160382.36	558611.8	4160382.4	WRKR_675	WORKER	0.01	0.01	0.00	0.00
558611.824160392.36	558611.8	4160392.4	WRKR_676	WORKER	0.01	0.01	0.00	0.00
558611.824160402.36	558611.8	4160402.4	WRKR_677	WORKER	0.02	0.01	0.00	0.00
558611.824160412.36	558611.8	4160412.4	WRKR_678	WORKER	0.02	0.01	0.00	0.01
558611.824160422.36	558611.8	4160422.4	WRKR_679	WORKER	0.02	0.01	0.01	0.01
558621.824160382.36	558621.8	4160382.4	WRKR_680	WORKER	0.01	0.01	0.00	0.00
558621.824160392.36	558621.8	4160392.4	WRKR_681	WORKER	0.02	0.01	0.00	0.00
558621.824160402.36	558621.8	4160402.4	WRKR_682	WORKER	0.02	0.01	0.00	0.00
558621.824160412.36	558621.8	4160412.4	WRKR_683	WORKER	0.02	0.01	0.00	0.01
558621.824160422.36	558621.8	4160422.4	WRKR_684	WORKER	0.02	0.01	0.00	0.01
558631.824160382.36	558631.8	4160382.4	WRKR_685	WORKER	0.01	0.01	0.00	0.00
558631.824160392.36	558631.8	4160392.4	WRKR_686	WORKER	0.02	0.01	0.00	0.00
558631.824160402.36	558631.8	4160402.4	WRKR_687	WORKER	0.02	0.01	0.00	0.01
558641.824160382.36	558641.8	4160382.4	WRKR_688	WORKER	0.01	0.01	0.00	0.00

	Annual PM2.5 Concentration (ug/m^3)						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.056	0.027	0.008	0.009	0.056	558066.09	4160530.12
WORKER	0.282	0.135	0.034	0.039	0.282	558151.05	4160617.13

Annual PM2.5

XY	X	Y
558641.824160392	558642	4160392
558641.824160402	558642	4160402
558651.824160382	558652	4160382
558651.824160392	558652	4160392
558651.824160402	558652	4160402
558661.824160382	558662	4160382
558661.824160392	558662	4160392
558661.824160402	558662	4160402
558671.824160362	558672	4160362
558671.824160372	558672	4160372
558671.824160382	558672	4160382
558671.824160392	558672	4160392
558671.824160402	558672	4160402
558681.824160362	558682	4160362
558681.824160372	558682	4160372
558681.824160382	558682	4160382
558681.824160392	558682	4160392
558681.824160402	558682	4160402
558691.824160362	558692	4160362
558691.824160372	558692	4160372
558691.824160382	558692	4160382
558691.824160392	558692	4160392
558691.824160402	558692	4160402
558701.824160362	558702	4160362
558701.824160372	558702	4160372
558701.824160382	558702	4160382
558701.824160392	558702	4160392
558701.824160402	558702	4160402
558711.824160362	558712	4160362
558711.824160372	558712	4160372
558711.824160382	558712	4160382
558711.824160392	558712	4160392
558711.824160402	558712	4160402
558721.824160362	558722	4160362
558721.824160372	558722	4160372
558721.824160382	558722	4160382
558721.824160392	558722	4160392
558721.824160402	558722	4160402
558690.094160295	558690	4160295
558690.094160305	558690	4160305
558690.094160315	558690	4160315
558690.094160325	558690	4160325
558690.094160335	558690	4160335
558700.094160295	558700	4160295
558700.094160305	558700	4160305
558700.094160315	558700	4160315
558700.094160325	558700	4160325
558700.094160335	558700	4160335
558710.094160295	558710	4160295
558710.094160305	558710	4160305
558710.094160315	558710	4160315
558710.094160325	558710	4160325
558710.094160335	558710	4160335
558720.094160295	558720	4160295
558720.094160305	558720	4160305
558720.094160315	558720	4160315
558720.094160325	558720	4160325
558612.684160297	558613	4160297
558612.684160307	558613	4160307
558612.684160317	558613	4160317
558612.684160327	558613	4160327
558612.684160337	558613	4160337
558622.684160297	558623	4160297
558622.684160307	558623	4160307
558622.684160317	558623	4160317
558622.684160327	558623	4160327
558622.684160337	558623	4160337
558632.684160297	558633	4160297
558632.684160307	558633	4160307
558632.684160317	558633	4160317
558632.684160327	558633	4160327
558632.684160337	558633	4160337
558642.684160297	558643	4160297
558642.684160307	558643	4160307
558642.684160317	558643	4160317
558642.684160327	558643	4160327
558642.684160337	558643	4160337

Max PM2.5

					Annual PM2.5 Concentration (ug/m^3)			
XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558641.824160392.36	558641.8	4160392.4	WRKR_689	WORKER	0.02	0.01	0.00	0.00
558641.824160402.36	558641.8	4160402.4	WRKR_690	WORKER	0.02	0.01	0.00	0.01
558651.824160382.36	558651.8	4160382.4	WRKR_691	WORKER	0.01	0.01	0.00	0.00
558651.824160392.36	558651.8	4160392.4	WRKR_692	WORKER	0.02	0.01	0.00	0.00
558651.824160402.36	558651.8	4160402.4	WRKR_693	WORKER	0.02	0.01	0.00	0.01
558661.824160382.36	558661.8	4160382.4	WRKR_694	WORKER	0.01	0.01	0.00	0.00
558661.824160392.36	558661.8	4160392.4	WRKR_695	WORKER	0.02	0.01	0.00	0.01
558661.824160402.36	558661.8	4160402.4	WRKR_696	WORKER	0.02	0.01	0.00	0.01
558671.824160362.36	558671.8	4160362.4	WRKR_697	WORKER	0.01	0.01	0.00	0.00
558671.824160372.36	558671.8	4160372.4	WRKR_698	WORKER	0.01	0.01	0.00	0.00
558671.824160382.36	558671.8	4160382.4	WRKR_699	WORKER	0.01	0.01	0.00	0.00
558671.824160392.36	558671.8	4160392.4	WRKR_700	WORKER	0.02	0.01	0.00	0.01
558671.824160402.36	558671.8	4160402.4	WRKR_701	WORKER	0.02	0.01	0.01	0.01
558681.824160362.36	558681.8	4160362.4	WRKR_702	WORKER	0.01	0.01	0.00	0.00
558681.824160372.36	558681.8	4160372.4	WRKR_703	WORKER	0.01	0.01	0.00	0.00
558681.824160382.36	558681.8	4160382.4	WRKR_704	WORKER	0.01	0.01	0.00	0.00
558681.824160392.36	558681.8	4160392.4	WRKR_705	WORKER	0.02	0.01	0.00	0.01
558681.824160402.36	558681.8	4160402.4	WRKR_706	WORKER	0.02	0.01	0.01	0.01
558691.824160362.36	558691.8	4160362.4	WRKR_707	WORKER	0.01	0.01	0.00	0.00
558691.824160372.36	558691.8	4160372.4	WRKR_708	WORKER	0.01	0.01	0.00	0.00
558691.824160382.36	558691.8	4160382.4	WRKR_709	WORKER	0.02	0.01	0.00	0.01
558691.824160392.36	558691.8	4160392.4	WRKR_710	WORKER	0.02	0.01	0.00	0.01
558691.824160402.36	558691.8	4160402.4	WRKR_711	WORKER	0.02	0.01	0.01	0.01
558701.824160362.36	558701.8	4160362.4	WRKR_712	WORKER	0.01	0.01	0.00	0.01
558701.824160372.36	558701.8	4160372.4	WRKR_713	WORKER	0.01	0.01	0.00	0.01
558701.824160382.36	558701.8	4160382.4	WRKR_714	WORKER	0.02	0.01	0.00	0.01
558701.824160392.36	558701.8	4160392.4	WRKR_715	WORKER	0.02	0.01	0.01	0.01
558701.824160402.36	558701.8	4160402.4	WRKR_716	WORKER	0.02	0.01	0.01	0.01
558711.824160362.36	558711.8	4160362.4	WRKR_717	WORKER	0.01	0.01	0.01	0.01
558711.824160372.36	558711.8	4160372.4	WRKR_718	WORKER	0.02	0.01	0.01	0.01
558711.824160382.36	558711.8	4160382.4	WRKR_719	WORKER	0.02	0.01	0.00	0.01
558711.824160392.36	558711.8	4160392.4	WRKR_720	WORKER	0.02	0.01	0.01	0.01
558711.824160402.36	558711.8	4160402.4	WRKR_721	WORKER	0.02	0.01	0.00	0.01
558721.824160362.36	558721.8	4160362.4	WRKR_722	WORKER	0.01	0.01	0.00	0.00
558721.824160372.36	558721.8	4160372.4	WRKR_723	WORKER	0.01	0.01	0.00	0.00
558721.824160382.36	558721.8	4160382.4	WRKR_724	WORKER	0.02	0.01	0.01	0.01
558721.824160392.36	558721.8	4160392.4	WRKR_725	WORKER	0.02	0.01	0.00	0.01
558721.824160402.36	558721.8	4160402.4	WRKR_726	WORKER	0.02	0.01	0.00	0.01
558690.094160295.24	558690.1	4160295.2	WRKR_727	WORKER	0.01	0.01	0.00	0.00
558690.094160305.24	558690.1	4160305.2	WRKR_728	WORKER	0.01	0.01	0.00	0.00
558690.094160315.24	558690.1	4160315.2	WRKR_729	WORKER	0.01	0.01	0.00	0.00
558690.094160325.24	558690.1	4160325.2	WRKR_730	WORKER	0.01	0.01	0.00	0.00
558690.094160335.24	558690.1	4160335.2	WRKR_731	WORKER	0.01	0.01	0.00	0.00
558700.094160295.24	558700.1	4160295.2	WRKR_732	WORKER	0.01	0.01	0.00	0.00
558700.094160305.24	558700.1	4160305.2	WRKR_733	WORKER	0.01	0.01	0.00	0.00
558700.094160315.24	558700.1	4160315.2	WRKR_734	WORKER	0.01	0.01	0.00	0.00
558700.094160325.24	558700.1	4160325.2	WRKR_735	WORKER	0.01	0.01	0.00	0.00
558700.094160335.24	558700.1	4160335.2	WRKR_736	WORKER	0.01	0.01	0.00	0.00
558710.094160295.24	558710.1	4160295.2	WRKR_737	WORKER	0.01	0.01	0.00	0.00
558710.094160305.24	558710.1	4160305.2	WRKR_738	WORKER	0.01	0.01	0.00	0.00
558710.094160315.24	558710.1	4160315.2	WRKR_739	WORKER	0.01	0.01	0.00	0.01
558710.094160325.24	558710.1	4160325.2	WRKR_740	WORKER	0.01	0.01	0.00	0.01
558710.094160335.24	558710.1	4160335.2	WRKR_741	WORKER	0.01	0.01	0.00	0.01
558720.094160295.24	558720.1	4160295.2	WRKR_742	WORKER	0.01	0.01	0.00	0.00
558720.094160305.24	558720.1	4160305.2	WRKR_743	WORKER	0.01	0.01	0.00	0.00
558720.094160315.24	558720.1	4160315.2	WRKR_744	WORKER	0.01	0.01	0.00	0.00
558720.094160325.24	558720.1	4160325.2	WRKR_745	WORKER	0.01	0.01	0.00	0.00
558612.684160297.32	558612.7	4160297.3	WRKR_746	WORKER	0.01	0.00	0.00	0.00
558612.684160307.32	558612.7	4160307.3	WRKR_747	WORKER	0.01	0.00	0.00	0.00
558612.684160317.32	558612.7	4160317.3	WRKR_748	WORKER	0.01	0.00	0.00	0.00
558612.684160327.32	558612.7	4160327.3	WRKR_749	WORKER	0.01	0.00	0.00	0.00
558612.684160337.32	558612.7	4160337.3	WRKR_750	WORKER	0.01	0.01	0.00	0.00
558622.684160297.32	558622.7	4160297.3	WRKR_751	WORKER	0.01	0.00	0.00	0.00
558622.684160307.32	558622.7	4160307.3	WRKR_752	WORKER	0.01	0.00	0.00	0.00
558622.684160317.32	558622.7	4160317.3	WRKR_753	WORKER	0.01	0.00	0.00	0.00
558622.684160327.32	558622.7	4160327.3	WRKR_754	WORKER	0.01	0.00	0.00	0.00
558622.684160337.32	558622.7	4160337.3	WRKR_755	WORKER	0.01	0.01	0.00	0.00
558632.684160297.32	558632.7	4160297.3	WRKR_756	WORKER	0.01	0.00	0.00	0.00
558632.684160307.32	558632.7	4160307.3	WRKR_757	WORKER	0.01	0.00	0.00	0.00
558632.684160317.32	558632.7	4160317.3	WRKR_758	WORKER	0.01	0.00	0.00	0.00
558632.684160327.32	558632.7	4160327.3	WRKR_759	WORKER	0.01	0.00	0.00	0.00
558632.684160337.32	558632.7	4160337.3	WRKR_760	WORKER	0.01	0.01	0.00	0.00
558642.684160297.32	558642.7	4160297.3	WRKR_761	WORKER	0.01	0.00	0.00	0.00
558642.684160307.32	558642.7	4160307.3	WRKR_762	WORKER	0.01	0.00	0.00	0.00
558642.684160317.32	558642.7	4160317.3	WRKR_763	WORKER	0.01	0.00	0.00	0.00
558642.684160327.32	558642.7	4160327.3	WRKR_764	WORKER	0.01	0.01	0.00	0.00
558642.684160337.32	558642.7	4160337.3	WRKR_765	WORKER	0.01	0.01	0.00	0.00

	Annual PM2.5 Concentration (ug/m^3)						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.056	0.027	0.008	0.009	0.056	558066.09	4160530.12
WORKER	0.282	0.135	0.034	0.039	0.282	558151.05	4160617.13

Annual PM2.5

XY	X	Y
558652.684160297	558653	4160297
558652.684160307	558653	4160307
558652.684160317	558653	4160317
558652.684160327	558653	4160327
558652.684160337	558653	4160337
558662.684160297	558663	4160297
558662.684160307	558663	4160307
558662.684160317	558663	4160317
558662.684160327	558663	4160327
558662.684160337	558663	4160337
558672.684160297	558673	4160297
558672.684160307	558673	4160307
558672.684160317	558673	4160317
558672.684160327	558673	4160327
558672.684160337	558673	4160337
558543.584160290	558544	4160291
558553.584160300	558554	4160301
558553.584160310	558554	4160311
558553.584160320	558554	4160321
558553.584160330	558554	4160331
558563.584160300	558564	4160301
558563.584160310	558564	4160311
558563.584160320	558564	4160321
558563.584160330	558564	4160331
558573.584160300	558574	4160301
558573.584160310	558574	4160311
558573.584160320	558574	4160321
558573.584160330	558574	4160331
558583.584160300	558584	4160301
558583.584160310	558584	4160311
558583.584160320	558584	4160321
558583.584160330	558584	4160331
558593.584160330	558594	4160331
558455.354160303	558455	4160304
558455.354160313	558455	4160314
558455.354160323	558455	4160324
558455.354160333	558455	4160334
558455.354160343	558455	4160344
558465.354160303	558465	4160304
558465.354160313	558465	4160314
558465.354160323	558465	4160324
558465.354160333	558465	4160334
558465.354160343	558465	4160344
558475.354160303	558475	4160304
558475.354160313	558475	4160314
558475.354160323	558475	4160324
558475.354160333	558475	4160334
558475.354160343	558475	4160344
558485.354160303	558485	4160304
558485.354160313	558485	4160314
558485.354160323	558485	4160324
558485.354160333	558485	4160334
558485.354160343	558485	4160344
558495.354160303	558495	4160304
558495.354160313	558495	4160314
558495.354160323	558495	4160324
558495.354160333	558495	4160334
558495.354160343	558495	4160344
558505.354160303	558505	4160304
558505.354160313	558505	4160314
558505.354160323	558505	4160324
558505.354160333	558505	4160334
558515.354160303	558515	4160304
558515.354160313	558515	4160314
558515.354160323	558515	4160324
558515.354160333	558515	4160334
558525.354160303	558525	4160304
558525.354160313	558525	4160314
558525.354160323	558525	4160324
558525.354160333	558525	4160334
558535.354160303	558535	4160304
558535.354160313	558535	4160314
558535.354160323	558535	4160324
558535.354160333	558535	4160334
558616.674160229	558617	4160230
558616.674160239	558617	4160240
558616.674160249	558617	4160250

Max PM2.5

					Annual PM2.5 Concentration (ug/m^3)			
XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558652.684160297.32	558652.7	4160297.3	WRKR_766	WORKER	0.01	0.00	0.00	0.00
558652.684160307.32	558652.7	4160307.3	WRKR_767	WORKER	0.01	0.00	0.00	0.00
558652.684160317.32	558652.7	4160317.3	WRKR_768	WORKER	0.01	0.00	0.00	0.00
558652.684160327.32	558652.7	4160327.3	WRKR_769	WORKER	0.01	0.01	0.00	0.00
558652.684160337.32	558652.7	4160337.3	WRKR_770	WORKER	0.01	0.01	0.00	0.00
558662.684160297.32	558662.7	4160297.3	WRKR_771	WORKER	0.01	0.00	0.00	0.00
558662.684160307.32	558662.7	4160307.3	WRKR_772	WORKER	0.01	0.00	0.00	0.00
558662.684160317.32	558662.7	4160317.3	WRKR_773	WORKER	0.01	0.00	0.00	0.00
558662.684160327.32	558662.7	4160327.3	WRKR_774	WORKER	0.01	0.01	0.00	0.00
558662.684160337.32	558662.7	4160337.3	WRKR_775	WORKER	0.01	0.01	0.00	0.00
558672.684160297.32	558672.7	4160297.3	WRKR_776	WORKER	0.01	0.00	0.00	0.00
558672.684160307.32	558672.7	4160307.3	WRKR_777	WORKER	0.01	0.00	0.00	0.00
558672.684160317.32	558672.7	4160317.3	WRKR_778	WORKER	0.01	0.01	0.00	0.00
558672.684160327.32	558672.7	4160327.3	WRKR_779	WORKER	0.01	0.01	0.00	0.00
558672.684160337.32	558672.7	4160337.3	WRKR_780	WORKER	0.01	0.01	0.00	0.00
558543.584160290.65	558543.6	4160290.7	WRKR_781	WORKER	0.01	0.00	0.00	0.00
558553.584160300.65	558553.6	4160300.7	WRKR_782	WORKER	0.01	0.00	0.00	0.00
558553.584160310.65	558553.6	4160310.7	WRKR_783	WORKER	0.01	0.00	0.00	0.00
558553.584160320.65	558553.6	4160320.7	WRKR_784	WORKER	0.01	0.00	0.00	0.00
558553.584160330.65	558553.6	4160330.7	WRKR_785	WORKER	0.01	0.00	0.00	0.00
558563.584160300.65	558563.6	4160300.7	WRKR_786	WORKER	0.01	0.00	0.00	0.00
558563.584160310.65	558563.6	4160310.7	WRKR_787	WORKER	0.01	0.00	0.00	0.00
558563.584160320.65	558563.6	4160320.7	WRKR_788	WORKER	0.01	0.00	0.00	0.00
558563.584160330.65	558563.6	4160330.7	WRKR_789	WORKER	0.01	0.00	0.00	0.00
558573.584160300.65	558573.6	4160300.7	WRKR_790	WORKER	0.01	0.00	0.00	0.00
558573.584160310.65	558573.6	4160310.7	WRKR_791	WORKER	0.01	0.00	0.00	0.00
558573.584160320.65	558573.6	4160320.7	WRKR_792	WORKER	0.01	0.00	0.00	0.00
558573.584160330.65	558573.6	4160330.7	WRKR_793	WORKER	0.01	0.00	0.00	0.00
558583.584160300.65	558583.6	4160300.7	WRKR_794	WORKER	0.01	0.00	0.00	0.00
558583.584160310.65	558583.6	4160310.7	WRKR_795	WORKER	0.01	0.00	0.00	0.00
558583.584160320.65	558583.6	4160320.7	WRKR_796	WORKER	0.01	0.00	0.00	0.00
558583.584160330.65	558583.6	4160330.7	WRKR_797	WORKER	0.01	0.00	0.00	0.00
558593.584160330.65	558593.6	4160330.7	WRKR_798	WORKER	0.01	0.00	0.00	0.00
558455.354160303.56	558455.4	4160303.6	WRKR_799	WORKER	0.01	0.00	0.00	0.00
558455.354160313.56	558455.4	4160313.6	WRKR_800	WORKER	0.01	0.00	0.00	0.00
558455.354160323.56	558455.4	4160323.6	WRKR_801	WORKER	0.01	0.00	0.00	0.00
558455.354160333.56	558455.4	4160333.6	WRKR_802	WORKER	0.01	0.00	0.00	0.00
558455.354160343.56	558455.4	4160343.6	WRKR_803	WORKER	0.01	0.00	0.00	0.00
558465.354160303.56	558465.4	4160303.6	WRKR_804	WORKER	0.01	0.00	0.00	0.00
558465.354160313.56	558465.4	4160313.6	WRKR_805	WORKER	0.01	0.00	0.00	0.00
558465.354160323.56	558465.4	4160323.6	WRKR_806	WORKER	0.01	0.00	0.00	0.00
558465.354160333.56	558465.4	4160333.6	WRKR_807	WORKER	0.01	0.00	0.00	0.00
558465.354160343.56	558465.4	4160343.6	WRKR_808	WORKER	0.01	0.00	0.00	0.00
558475.354160303.56	558475.4	4160303.6	WRKR_809	WORKER	0.01	0.00	0.00	0.00
558475.354160313.56	558475.4	4160313.6	WRKR_810	WORKER	0.01	0.00	0.00	0.00
558475.354160323.56	558475.4	4160323.6	WRKR_811	WORKER	0.01	0.00	0.00	0.00
558475.354160333.56	558475.4	4160333.6	WRKR_812	WORKER	0.01	0.00	0.00	0.00
558475.354160343.56	558475.4	4160343.6	WRKR_813	WORKER	0.01	0.00	0.00	0.00
558485.354160303.56	558485.4	4160303.6	WRKR_814	WORKER	0.01	0.00	0.00	0.00
558485.354160313.56	558485.4	4160313.6	WRKR_815	WORKER	0.01	0.00	0.00	0.00
558485.354160323.56	558485.4	4160323.6	WRKR_816	WORKER	0.01	0.00	0.00	0.00
558485.354160333.56	558485.4	4160333.6	WRKR_817	WORKER	0.01	0.00	0.00	0.00
558485.354160343.56	558485.4	4160343.6	WRKR_818	WORKER	0.01	0.00	0.00	0.00
558495.354160303.56	558495.4	4160303.6	WRKR_819	WORKER	0.01	0.00	0.00	0.00
558495.354160313.56	558495.4	4160313.6	WRKR_820	WORKER	0.01	0.00	0.00	0.00
558495.354160323.56	558495.4	4160323.6	WRKR_821	WORKER	0.01	0.00	0.00	0.00
558495.354160333.56	558495.4	4160333.6	WRKR_822	WORKER	0.01	0.00	0.00	0.00
558495.354160343.56	558495.4	4160343.6	WRKR_823	WORKER	0.01	0.00	0.00	0.00
558505.354160303.56	558505.4	4160303.6	WRKR_824	WORKER	0.01	0.00	0.00	0.00
558505.354160313.56	558505.4	4160313.6	WRKR_825	WORKER	0.01	0.00	0.00	0.00
558505.354160323.56	558505.4	4160323.6	WRKR_826	WORKER	0.01	0.00	0.00	0.00
558505.354160333.56	558505.4	4160333.6	WRKR_827	WORKER	0.01	0.00	0.00	0.00
558515.354160303.56	558515.4	4160303.6	WRKR_828	WORKER	0.01	0.00	0.00	0.00
558515.354160313.56	558515.4	4160313.6	WRKR_829	WORKER	0.01	0.00	0.00	0.00
558515.354160323.56	558515.4	4160323.6	WRKR_830	WORKER	0.01	0.00	0.00	0.00
558515.354160333.56	558515.4	4160333.6	WRKR_831	WORKER	0.01	0.00	0.00	0.00
558525.354160303.56	558525.4	4160303.6	WRKR_832	WORKER	0.01	0.00	0.00	0.00
558525.354160313.56	558525.4	4160313.6	WRKR_833	WORKER	0.01	0.00	0.00	0.00
558525.354160323.56	558525.4	4160323.6	WRKR_834	WORKER	0.01	0.00	0.00	0.00
558525.354160333.56	558525.4	4160333.6	WRKR_835	WORKER	0.01	0.00	0.00	0.00
558535.354160303.56	558535.4	4160303.6	WRKR_836	WORKER	0.01	0.00	0.00	0.00
558535.354160313.56	558535.4	4160313.6	WRKR_837	WORKER	0.01	0.00	0.00	0.00
558535.354160323.56	558535.4	4160323.6	WRKR_838	WORKER	0.01	0.00	0.00	0.00
558535.354160333.56	558535.4	4160333.6	WRKR_839	WORKER	0.01	0.00	0.00	0.00
558616.674160229.97	558616.7	4160230	WRKR_840	WORKER	0.01	0.00	0.00	0.00
558616.674160239.97	558616.7	4160240	WRKR_841	WORKER	0.01	0.00	0.00	0.00
558616.674160249.97	558616.7	4160250	WRKR_842	WORKER	0.01	0.00	0.00	0.00

	Annual PM2.5 Concentration (ug/m^3)						
	Year 1	Year 2	Year 3	Year 4	MAX	X (UTM)	Y (UTM)
RESIDENT	0.056	0.027	0.008	0.009	0.056	558066.09	4160530.12
WORKER	0.282	0.135	0.034	0.039	0.282	558151.05	4160617.13

Annual PM2.5

XY	X	Y
558626.674160229	558627	4160230
558626.674160239	558627	4160240
558626.674160249	558627	4160250
558636.674160229	558637	4160230
558636.674160239	558637	4160240
558636.674160249	558637	4160250
558646.674160229	558647	4160230
558646.674160239	558647	4160240
558646.674160249	558647	4160250
558656.674160229	558657	4160230
558656.674160239	558657	4160240
558666.674160229	558667	4160230
558666.674160239	558667	4160240
558676.674160229	558677	4160230
558676.674160239	558677	4160240
558686.674160229	558687	4160230
558686.674160239	558687	4160240
558696.674160229	558697	4160230
558696.674160239	558697	4160240
558706.674160229	558707	4160230
558706.674160239	558707	4160240
558716.674160229	558717	4160230
558716.674160239	558717	4160240
558420.214160235	558420	4160236
558420.214160245	558420	4160246
558420.214160255	558420	4160256
558430.214160235	558430	4160236
558430.214160245	558430	4160246
558430.214160255	558430	4160256
558440.214160235	558440	4160236
558440.214160245	558440	4160246
558440.214160255	558440	4160256
558450.214160235	558450	4160236
558450.214160245	558450	4160246
558450.214160255	558450	4160256
558460.214160235	558460	4160236
558460.214160245	558460	4160246
558460.214160255	558460	4160256
558470.214160235	558470	4160236
558470.214160245	558470	4160246
558470.214160255	558470	4160256
558480.214160235	558480	4160236
558480.214160245	558480	4160246
558480.214160255	558480	4160256
558490.214160235	558490	4160236
558490.214160245	558490	4160246
558490.214160255	558490	4160256
558500.214160235	558500	4160236
558500.214160245	558500	4160246
558500.214160255	558500	4160256
558510.214160235	558510	4160236
558510.214160245	558510	4160246
558510.214160255	558510	4160256
558520.214160235	558520	4160236
558520.214160245	558520	4160246
558520.214160255	558520	4160256
558530.214160235	558530	4160236
558530.214160245	558530	4160246
558530.214160255	558530	4160256
558540.214160235	558540	4160236
558540.214160245	558540	4160246
558540.214160255	558540	4160256
558550.214160235	558550	4160236
558550.214160245	558550	4160246
558550.214160255	558550	4160256
558560.214160235	558560	4160236
558560.214160245	558560	4160246
558560.214160255	558560	4160256
558570.214160235	558570	4160236
558570.214160245	558570	4160246
558570.214160255	558570	4160256
558580.214160235	558580	4160236
558580.214160245	558580	4160246
558590.214160235	558590	4160236
558590.214160245	558590	4160246
558600.214160245	558600	4160246

Max PM2.5

					Annual PM2.5 Concentration (ug/m^3)			
XY	X	Y	GROUP	GROUP2	Year 1	Year 2	Year 3	Year 4
558626.674160229.97	558626.7	4160230	WRKR_843	WORKER	0.01	0.00	0.00	0.00
558626.674160239.97	558626.7	4160240	WRKR_844	WORKER	0.01	0.00	0.00	0.00
558626.674160249.97	558626.7	4160250	WRKR_845	WORKER	0.01	0.00	0.00	0.00
558636.674160229.97	558636.7	4160230	WRKR_846	WORKER	0.01	0.00	0.00	0.00
558636.674160239.97	558636.7	4160240	WRKR_847	WORKER	0.01	0.00	0.00	0.00
558636.674160249.97	558636.7	4160250	WRKR_848	WORKER	0.01	0.00	0.00	0.00
558646.674160229.97	558646.7	4160230	WRKR_849	WORKER	0.01	0.00	0.00	0.00
558646.674160239.97	558646.7	4160240	WRKR_850	WORKER	0.01	0.00	0.00	0.00
558646.674160249.97	558646.7	4160250	WRKR_851	WORKER	0.01	0.00	0.00	0.00
558656.674160229.97	558656.7	4160230	WRKR_852	WORKER	0.01	0.00	0.00	0.00
558656.674160239.97	558656.7	4160240	WRKR_853	WORKER	0.01	0.00	0.00	0.00
558666.674160229.97	558666.7	4160230	WRKR_854	WORKER	0.01	0.00	0.00	0.00
558666.674160239.97	558666.7	4160240	WRKR_855	WORKER	0.01	0.00	0.00	0.00
558676.674160229.97	558676.7	4160230	WRKR_856	WORKER	0.01	0.00	0.00	0.00
558676.674160239.97	558676.7	4160240	WRKR_857	WORKER	0.01	0.00	0.00	0.00
558686.674160229.97	558686.7	4160230	WRKR_858	WORKER	0.01	0.00	0.00	0.00
558686.674160239.97	558686.7	4160240	WRKR_859	WORKER	0.01	0.00	0.00	0.00
558696.674160229.97	558696.7	4160230	WRKR_860	WORKER	0.01	0.00	0.00	0.00
558696.674160239.97	558696.7	4160240	WRKR_861	WORKER	0.01	0.00	0.00	0.00
558706.674160229.97	558706.7	4160230	WRKR_862	WORKER	0.01	0.00	0.00	0.00
558706.674160239.97	558706.7	4160240	WRKR_863	WORKER	0.01	0.00	0.00	0.00
558716.674160229.97	558716.7	4160230	WRKR_864	WORKER	0.01	0.01	0.00	0.00
558716.674160239.97	558716.7	4160240	WRKR_865	WORKER	0.01	0.00	0.00	0.00
558420.214160235.8	558420.2	4160235.8	WRKR_866	WORKER	0.01	0.00	0.00	0.00
558420.214160245.8	558420.2	4160245.8	WRKR_867	WORKER	0.01	0.00	0.00	0.00
558420.214160255.8	558420.2	4160255.8	WRKR_868	WORKER	0.01	0.00	0.00	0.00
558430.214160235.8	558430.2	4160235.8	WRKR_869	WORKER	0.01	0.00	0.00	0.00
558430.214160245.8	558430.2	4160245.8	WRKR_870	WORKER	0.01	0.00	0.00	0.00
558430.214160255.8	558430.2	4160255.8	WRKR_871	WORKER	0.01	0.00	0.00	0.00
558440.214160235.8	558440.2	4160235.8	WRKR_872	WORKER	0.01	0.00	0.00	0.00
558440.214160245.8	558440.2	4160245.8	WRKR_873	WORKER	0.01	0.00	0.00	0.00
558440.214160255.8	558440.2	4160255.8	WRKR_874	WORKER	0.01	0.00	0.00	0.00
558450.214160235.8	558450.2	4160235.8	WRKR_875	WORKER	0.01	0.00	0.00	0.00
558450.214160245.8	558450.2	4160245.8	WRKR_876	WORKER	0.01	0.00	0.00	0.00
558450.214160255.8	558450.2	4160255.8	WRKR_877	WORKER	0.01	0.00	0.00	0.00
558460.214160235.8	558460.2	4160235.8	WRKR_878	WORKER	0.01	0.00	0.00	0.00
558460.214160245.8	558460.2	4160245.8	WRKR_879	WORKER	0.01	0.00	0.00	0.00
558460.214160255.8	558460.2	4160255.8	WRKR_880	WORKER	0.01	0.00	0.00	0.00
558470.214160235.8	558470.2	4160235.8	WRKR_881	WORKER	0.01	0.00	0.00	0.00
558470.214160245.8	558470.2	4160245.8	WRKR_882	WORKER	0.01	0.00	0.00	0.00
558470.214160255.8	558470.2	4160255.8	WRKR_883	WORKER	0.01	0.00	0.00	0.00
558480.214160235.8	558480.2	4160235.8	WRKR_884	WORKER	0.01	0.00	0.00	0.00
558480.214160245.8	558480.2	4160245.8	WRKR_885	WORKER	0.01	0.00	0.00	0.00
558480.214160255.8	558480.2	4160255.8	WRKR_886	WORKER	0.01	0.00	0.00	0.00
558490.214160235.8	558490.2	4160235.8	WRKR_887	WORKER	0.01	0.00	0.00	0.00
558490.214160245.8	558490.2	4160245.8	WRKR_888	WORKER	0.01	0.00	0.00	0.00
558490.214160255.8	558490.2	4160255.8	WRKR_889	WORKER	0.01	0.00	0.00	0.00
558500.214160235.8	558500.2	4160235.8	WRKR_890	WORKER	0.01	0.00	0.00	0.00
558500.214160245.8	558500.2	4160245.8	WRKR_891	WORKER	0.01	0.00	0.00	0.00
558500.214160255.8	558500.2	4160255.8	WRKR_892	WORKER	0.01	0.00	0.00	0.00
558510.214160235.8	558510.2	4160235.8	WRKR_893	WORKER	0.01	0.00	0.00	0.00
558510.214160245.8	558510.2	4160245.8	WRKR_894	WORKER	0.01	0.00	0.00	0.00
558510.214160255.8	558510.2	4160255.8	WRKR_895	WORKER	0.01	0.00	0.00	0.00
558520.214160235.8	558520.2	4160235.8	WRKR_896	WORKER	0.01	0.00	0.00	0.00
558520.214160245.8	558520.2	4160245.8	WRKR_897	WORKER	0.01	0.00	0.00	0.00
558520.214160255.8	558520.2	4160255.8	WRKR_898	WORKER	0.01	0.00	0.00	0.00
558530.214160235.8	558530.2	4160235.8	WRKR_899	WORKER	0.01	0.00	0.00	0.00
558530.214160245.8	558530.2	4160245.8	WRKR_900	WORKER	0.01	0.00	0.00	0.00
558530.214160255.8	558530.2	4160255.8	WRKR_901	WORKER	0.01	0.00	0.00	0.00
558540.214160235.8	558540.2	4160235.8	WRKR_902	WORKER	0.01	0.00	0.00	0.00
558540.214160245.8	558540.2	4160245.8	WRKR_903	WORKER	0.01	0.00	0.00	0.00
558540.214160255.8	558540.2	4160255.8	WRKR_904	WORKER	0.01	0.00	0.00	0.00
558550.214160235.8	558550.2	4160235.8	WRKR_905	WORKER	0.01	0.00	0.00	0.00
558550.214160245.8	558550.2	4160245.8	WRKR_906	WORKER	0.01	0.00	0.00	0.00
558550.214160255.8	558550.2	4160255.8	WRKR_907	WORKER	0.01	0.00	0.00	0.00
558560.214160235.8	558560.2	4160235.8	WRKR_908	WORKER	0.01	0.00	0.00	0.00
558560.214160245.8	558560.2	4160245.8	WRKR_909	WORKER	0.01	0.00	0.00	0.00
558560.214160255.8	558560.2	4160255.8	WRKR_910	WORKER	0.01	0.00	0.00	0.00
558570.214160235.8	558570.2	4160235.8	WRKR_911	WORKER	0.01	0.00	0.00	0.00
558570.214160245.8	558570.2	4160245.8	WRKR_912	WORKER	0.01	0.00	0.00	0.00
558570.214160255.8	558570.2	4160255.8	WRKR_913	WORKER	0.01	0.00	0.00	0.00
558580.214160235.8	558580.2	4160235.8	WRKR_914	WORKER	0.01	0.00	0.00	0.00
558580.214160245.8	558580.2	4160245.8	WRKR_915	WORKER	0.01	0.00	0.00	0.00
558590.214160235.8	558590.2	4160235.8	WRKR_916	WORKER	0.01	0.00	0.00	0.00
558590.214160245.8	558590.2	4160245.8	WRKR_917	WORKER	0.01	0.00	0.00	0.00
558600.214160245.8	558600.2	4160245.8	WRKR_918	WORKER	0.01	0.00	0.00	0.00

XY	X	Y	Group	Group2
557996.3841607	557996.38	4160720.52	WRKR_1	WORKER
557996.3841607	557996.38	4160730.52	WRKR_2	WORKER
557996.3841607	557996.38	4160740.52	WRKR_3	WORKER
558006.3841607	558006.38	4160710.52	WRKR_4	WORKER
558006.3841607	558006.38	4160720.52	WRKR_5	WORKER
558006.3841607	558006.38	4160730.52	WRKR_6	WORKER
558006.3841607	558006.38	4160740.52	WRKR_7	WORKER
558016.3841607	558016.38	4160710.52	WRKR_8	WORKER
558016.3841607	558016.38	4160720.52	WRKR_9	WORKER
558016.3841607	558016.38	4160730.52	WRKR_10	WORKER
558016.3841607	558016.38	4160740.52	WRKR_11	WORKER
558026.3841607	558026.38	4160710.52	WRKR_12	WORKER
558026.3841607	558026.38	4160720.52	WRKR_13	WORKER
558026.3841607	558026.38	4160730.52	WRKR_14	WORKER
558026.3841607	558026.38	4160740.52	WRKR_15	WORKER
558277.5341605	558277.53	4160581.24	WRKR_16	WORKER
558277.5341605	558277.53	4160591.24	WRKR_17	WORKER
558287.5341605	558287.53	4160581.24	WRKR_18	WORKER
558287.5341605	558287.53	4160591.24	WRKR_19	WORKER
558297.5341605	558297.53	4160581.24	WRKR_20	WORKER
558297.5341605	558297.53	4160591.24	WRKR_21	WORKER
558307.5341605	558307.53	4160581.24	WRKR_22	WORKER
558307.5341605	558307.53	4160591.24	WRKR_23	WORKER
558317.5341605	558317.53	4160581.24	WRKR_24	WORKER
558317.5341605	558317.53	4160591.24	WRKR_25	WORKER
558327.5341605	558327.53	4160581.24	WRKR_26	WORKER
558327.5341605	558327.53	4160591.24	WRKR_27	WORKER
558337.5341605	558337.53	4160581.24	WRKR_28	WORKER
558101.0541605	558101.05	4160547.13	WRKR_29	WORKER
558101.0541605	558101.05	4160557.13	WRKR_30	WORKER
558111.0541605	558111.05	4160547.13	WRKR_31	WORKER
558111.0541605	558111.05	4160557.13	WRKR_32	WORKER
558111.0541605	558111.05	4160567.13	WRKR_33	WORKER
558121.0541605	558121.05	4160537.13	WRKR_34	WORKER
558121.0541605	558121.05	4160547.13	WRKR_35	WORKER
558121.0541605	558121.05	4160557.13	WRKR_36	WORKER
558121.0541605	558121.05	4160567.13	WRKR_37	WORKER
558121.0541605	558121.05	4160577.13	WRKR_38	WORKER
558121.0541605	558121.05	4160587.13	WRKR_39	WORKER
558131.0541605	558131.05	4160527.13	WRKR_40	WORKER
558131.0541605	558131.05	4160537.13	WRKR_41	WORKER
558131.0541605	558131.05	4160547.13	WRKR_42	WORKER
558131.0541605	558131.05	4160557.13	WRKR_43	WORKER
558131.0541605	558131.05	4160567.13	WRKR_44	WORKER
558131.0541605	558131.05	4160577.13	WRKR_45	WORKER
558131.0541605	558131.05	4160587.13	WRKR_46	WORKER
558131.0541605	558131.05	4160597.13	WRKR_47	WORKER
558141.0541605	558141.05	4160527.13	WRKR_48	WORKER
558141.0541605	558141.05	4160537.13	WRKR_49	WORKER
558141.0541605	558141.05	4160547.13	WRKR_50	WORKER
558141.0541605	558141.05	4160557.13	WRKR_51	WORKER
558141.0541605	558141.05	4160567.13	WRKR_52	WORKER
558141.0541605	558141.05	4160577.13	WRKR_53	WORKER
558141.0541605	558141.05	4160587.13	WRKR_54	WORKER
558141.0541605	558141.05	4160597.13	WRKR_55	WORKER
558141.0541606	558141.05	4160607.13	WRKR_56	WORKER
558151.0541605	558151.05	4160537.13	WRKR_57	WORKER
558151.0541605	558151.05	4160547.13	WRKR_58	WORKER
558151.0541605	558151.05	4160557.13	WRKR_59	WORKER
558151.0541605	558151.05	4160567.13	WRKR_60	WORKER
558151.0541605	558151.05	4160577.13	WRKR_61	WORKER
558151.0541605	558151.05	4160587.13	WRKR_62	WORKER
558151.0541605	558151.05	4160597.13	WRKR_63	WORKER
558151.0541606	558151.05	4160607.13	WRKR_64	WORKER
558151.0541606	558151.05	4160617.13	WRKR_65	WORKER
558161.0541605	558161.05	4160547.13	WRKR_66	WORKER
558161.0541605	558161.05	4160557.13	WRKR_67	WORKER

XY	X	Y	Group	Group2
558161.0541605(	558161.05	4160567.13	WRKR_68	WORKER
558161.0541605'	558161.05	4160577.13	WRKR_69	WORKER
558161.0541605[	558161.05	4160587.13	WRKR_70	WORKER
558161.0541605)	558161.05	4160597.13	WRKR_71	WORKER
558161.0541606(	558161.05	4160607.13	WRKR_72	WORKER
558171.0541605)	558171.05	4160557.13	WRKR_73	WORKER
558171.0541605(	558171.05	4160567.13	WRKR_74	WORKER
558171.0541605'	558171.05	4160577.13	WRKR_75	WORKER
558171.0541605[	558171.05	4160587.13	WRKR_76	WORKER
558171.0541605)	558171.05	4160597.13	WRKR_77	WORKER
558181.0541605(	558181.05	4160567.13	WRKR_78	WORKER
558181.0541605'	558181.05	4160577.13	WRKR_79	WORKER
558181.0541605[	558181.05	4160587.13	WRKR_80	WORKER
558191.0541605'	558191.05	4160577.13	WRKR_81	WORKER
558368.5441605[	558368.54	4160582.33	WRKR_82	WORKER
558378.5441605[	558378.54	4160582.33	WRKR_83	WORKER
558378.5441605)	558378.54	4160592.33	WRKR_84	WORKER
558378.5441606(	558378.54	4160602.33	WRKR_85	WORKER
558378.5441606'	558378.54	4160612.33	WRKR_86	WORKER
558388.5441605[	558388.54	4160582.33	WRKR_87	WORKER
558388.5441605)	558388.54	4160592.33	WRKR_88	WORKER
558388.5441606(	558388.54	4160602.33	WRKR_89	WORKER
558388.5441606'	558388.54	4160612.33	WRKR_90	WORKER
558398.5441605[	558398.54	4160582.33	WRKR_91	WORKER
558398.5441605)	558398.54	4160592.33	WRKR_92	WORKER
558398.5441606(	558398.54	4160602.33	WRKR_93	WORKER
558398.5441606'	558398.54	4160612.33	WRKR_94	WORKER
557976.0941604)	557976.09	4160490.12	HLTN_1	RESIDENT
557976.0941605(	557976.09	4160500.12	HLTN_2	RESIDENT
557976.0941605'	557976.09	4160510.12	HLTN_3	RESIDENT
557976.0941605[	557976.09	4160520.12	HLTN_4	RESIDENT
557976.0941605]	557976.09	4160530.12	HLTN_5	RESIDENT
557986.0941604[	557986.09	4160480.12	HLTN_6	RESIDENT
557986.0941604)	557986.09	4160490.12	HLTN_7	RESIDENT
557986.0941605(	557986.09	4160500.12	HLTN_8	RESIDENT
557986.0941605'	557986.09	4160510.12	HLTN_9	RESIDENT
557986.0941605[	557986.09	4160520.12	HLTN_10	RESIDENT
557986.0941605]	557986.09	4160530.12	HLTN_11	RESIDENT
557996.0941604[	557996.09	4160480.12	HLTN_12	RESIDENT
557996.0941604)	557996.09	4160490.12	HLTN_13	RESIDENT
557996.0941605(	557996.09	4160500.12	HLTN_14	RESIDENT
557996.0941605'	557996.09	4160510.12	HLTN_15	RESIDENT
557996.0941605[	557996.09	4160520.12	HLTN_16	RESIDENT
557996.0941605]	557996.09	4160530.12	HLTN_17	RESIDENT
557996.0941605\	557996.09	4160540.12	HLTN_18	RESIDENT
557996.0941605)	557996.09	4160550.12	HLTN_19	RESIDENT
557996.0941605(	557996.09	4160560.12	HLTN_20	RESIDENT
557996.0941605'	557996.09	4160570.12	HLTN_21	RESIDENT
558006.0941604[	558006.09	4160480.12	HLTN_22	RESIDENT
558006.0941604)	558006.09	4160490.12	HLTN_23	RESIDENT
558006.0941605(	558006.09	4160500.12	HLTN_24	RESIDENT
558006.0941605'	558006.09	4160510.12	HLTN_25	RESIDENT
558006.0941605[	558006.09	4160520.12	HLTN_26	RESIDENT
558006.0941605]	558006.09	4160530.12	HLTN_27	RESIDENT
558006.0941605\	558006.09	4160540.12	HLTN_28	RESIDENT
558006.0941605)	558006.09	4160550.12	HLTN_29	RESIDENT
558006.0941605(	558006.09	4160560.12	HLTN_30	RESIDENT
558006.0941605'	558006.09	4160570.12	HLTN_31	RESIDENT
558016.0941604[	558016.09	4160480.12	HLTN_32	RESIDENT
558016.0941604)	558016.09	4160490.12	HLTN_33	RESIDENT
558016.0941605(	558016.09	4160500.12	HLTN_34	RESIDENT
558016.0941605'	558016.09	4160510.12	HLTN_35	RESIDENT
558016.0941605[	558016.09	4160520.12	HLTN_36	RESIDENT
558016.0941605]	558016.09	4160530.12	HLTN_37	RESIDENT
558016.0941605\	558016.09	4160540.12	HLTN_38	RESIDENT
558016.0941605)	558016.09	4160550.12	HLTN_39	RESIDENT
558016.0941605(	558016.09	4160560.12	HLTN_40	RESIDENT

XY	X	Y	Group	Group2
558016.0941605	558016.09	4160570.12	HLTN_41	RESIDENT
558026.0941604	558026.09	4160480.12	HLTN_42	RESIDENT
558026.0941604	558026.09	4160490.12	HLTN_43	RESIDENT
558026.0941605	558026.09	4160500.12	HLTN_44	RESIDENT
558026.0941605	558026.09	4160510.12	HLTN_45	RESIDENT
558026.0941605	558026.09	4160520.12	HLTN_46	RESIDENT
558026.0941605	558026.09	4160530.12	HLTN_47	RESIDENT
558026.0941605	558026.09	4160540.12	HLTN_48	RESIDENT
558026.0941605	558026.09	4160550.12	HLTN_49	RESIDENT
558026.0941605	558026.09	4160560.12	HLTN_50	RESIDENT
558026.0941605	558026.09	4160570.12	HLTN_51	RESIDENT
558036.0941604	558036.09	4160480.12	HLTN_52	RESIDENT
558036.0941604	558036.09	4160490.12	HLTN_53	RESIDENT
558036.0941605	558036.09	4160500.12	HLTN_54	RESIDENT
558036.0941605	558036.09	4160510.12	HLTN_55	RESIDENT
558036.0941605	558036.09	4160520.12	HLTN_56	RESIDENT
558036.0941605	558036.09	4160530.12	HLTN_57	RESIDENT
558036.0941605	558036.09	4160540.12	HLTN_58	RESIDENT
558036.0941605	558036.09	4160550.12	HLTN_59	RESIDENT
558036.0941605	558036.09	4160560.12	HLTN_60	RESIDENT
558046.0941604	558046.09	4160480.12	HLTN_61	RESIDENT
558046.0941604	558046.09	4160490.12	HLTN_62	RESIDENT
558046.0941605	558046.09	4160500.12	HLTN_63	RESIDENT
558046.0941605	558046.09	4160510.12	HLTN_64	RESIDENT
558046.0941605	558046.09	4160520.12	HLTN_65	RESIDENT
558046.0941605	558046.09	4160530.12	HLTN_66	RESIDENT
558046.0941605	558046.09	4160540.12	HLTN_67	RESIDENT
558046.0941605	558046.09	4160550.12	HLTN_68	RESIDENT
558056.0941604	558056.09	4160480.12	HLTN_69	RESIDENT
558056.0941604	558056.09	4160490.12	HLTN_70	RESIDENT
558056.0941605	558056.09	4160500.12	HLTN_71	RESIDENT
558056.0941605	558056.09	4160510.12	HLTN_72	RESIDENT
558056.0941605	558056.09	4160520.12	HLTN_73	RESIDENT
558056.0941605	558056.09	4160530.12	HLTN_74	RESIDENT
558056.0941605	558056.09	4160540.12	HLTN_75	RESIDENT
558066.0941604	558066.09	4160480.12	HLTN_76	RESIDENT
558066.0941604	558066.09	4160490.12	HLTN_77	RESIDENT
558066.0941605	558066.09	4160500.12	HLTN_78	RESIDENT
558066.0941605	558066.09	4160510.12	HLTN_79	RESIDENT
558066.0941605	558066.09	4160520.12	HLTN_80	RESIDENT
558066.0941605	558066.09	4160530.12	HLTN_81	RESIDENT
558076.0941604	558076.09	4160480.12	HLTN_82	RESIDENT
558076.0941604	558076.09	4160490.12	HLTN_83	RESIDENT
558076.0941605	558076.09	4160500.12	HLTN_84	RESIDENT
558076.0941605	558076.09	4160510.12	HLTN_85	RESIDENT
558076.0941605	558076.09	4160520.12	HLTN_86	RESIDENT
558086.0941604	558086.09	4160490.12	HLTN_87	RESIDENT
558086.0941605	558086.09	4160500.12	HLTN_88	RESIDENT
558086.0941605	558086.09	4160510.12	HLTN_89	RESIDENT
558096.0941604	558096.09	4160490.12	HLTN_90	RESIDENT
558096.0941605	558096.09	4160500.12	HLTN_91	RESIDENT
558186.7841604	558186.78	4160496.28	WRKR_95	WORKER
558186.7841605	558186.78	4160506.28	WRKR_96	WORKER
558196.7841604	558196.78	4160496.28	WRKR_97	WORKER
558196.7841605	558196.78	4160506.28	WRKR_98	WORKER
558196.7841605	558196.78	4160516.28	WRKR_99	WORKER
558196.7841605	558196.78	4160526.28	WRKR_100	WORKER
558206.7841605	558206.78	4160506.28	WRKR_101	WORKER
558206.7841605	558206.78	4160516.28	WRKR_102	WORKER
558206.7841605	558206.78	4160526.28	WRKR_103	WORKER
558206.7841605	558206.78	4160536.28	WRKR_104	WORKER
558216.7841605	558216.78	4160516.28	WRKR_105	WORKER
558216.7841605	558216.78	4160526.28	WRKR_106	WORKER
558216.7841605	558216.78	4160536.28	WRKR_107	WORKER
558216.7841605	558216.78	4160546.28	WRKR_108	WORKER
558226.7841605	558226.78	4160526.28	WRKR_109	WORKER
558226.7841605	558226.78	4160536.28	WRKR_110	WORKER

XY	X	Y	Group	Group2
558226.7841605	558226.78	4160546.28	WRKR_111	WORKER
558236.7841605	558236.78	4160536.28	WRKR_112	WORKER
558115.1741604	558115.17	4160402.59	WRKR_113	WORKER
558115.1741604	558115.17	4160412.59	WRKR_114	WORKER
558115.1741604	558115.17	4160422.59	WRKR_115	WORKER
558115.1741604	558115.17	4160432.59	WRKR_116	WORKER
558115.1741604	558115.17	4160442.59	WRKR_117	WORKER
558125.1741603	558125.17	4160392.59	WRKR_118	WORKER
558125.1741604	558125.17	4160402.59	WRKR_119	WORKER
558125.1741604	558125.17	4160412.59	WRKR_120	WORKER
558125.1741604	558125.17	4160422.59	WRKR_121	WORKER
558125.1741604	558125.17	4160432.59	WRKR_122	WORKER
558125.1741604	558125.17	4160442.59	WRKR_123	WORKER
558135.1741603	558135.17	4160372.59	WRKR_124	WORKER
558135.1741603	558135.17	4160382.59	WRKR_125	WORKER
558135.1741603	558135.17	4160392.59	WRKR_126	WORKER
558135.1741604	558135.17	4160402.59	WRKR_127	WORKER
558135.1741604	558135.17	4160412.59	WRKR_128	WORKER
558135.1741604	558135.17	4160422.59	WRKR_129	WORKER
558135.1741604	558135.17	4160432.59	WRKR_130	WORKER
558135.1741604	558135.17	4160442.59	WRKR_131	WORKER
558145.1741603	558145.17	4160372.59	WRKR_132	WORKER
558145.1741603	558145.17	4160382.59	WRKR_133	WORKER
558145.1741603	558145.17	4160392.59	WRKR_134	WORKER
558145.1741604	558145.17	4160402.59	WRKR_135	WORKER
558145.1741604	558145.17	4160412.59	WRKR_136	WORKER
558145.1741604	558145.17	4160422.59	WRKR_137	WORKER
558145.1741604	558145.17	4160432.59	WRKR_138	WORKER
558145.1741604	558145.17	4160442.59	WRKR_139	WORKER
558155.1741603	558155.17	4160372.59	WRKR_140	WORKER
558155.1741603	558155.17	4160382.59	WRKR_141	WORKER
558155.1741603	558155.17	4160392.59	WRKR_142	WORKER
558155.1741604	558155.17	4160402.59	WRKR_143	WORKER
558155.1741604	558155.17	4160412.59	WRKR_144	WORKER
558155.1741604	558155.17	4160422.59	WRKR_145	WORKER
558155.1741604	558155.17	4160432.59	WRKR_146	WORKER
558155.1741604	558155.17	4160442.59	WRKR_147	WORKER
558165.1741603	558165.17	4160362.59	WRKR_148	WORKER
558165.1741603	558165.17	4160372.59	WRKR_149	WORKER
558165.1741603	558165.17	4160382.59	WRKR_150	WORKER
558165.1741603	558165.17	4160392.59	WRKR_151	WORKER
558165.1741604	558165.17	4160402.59	WRKR_152	WORKER
558165.1741604	558165.17	4160412.59	WRKR_153	WORKER
558165.1741604	558165.17	4160422.59	WRKR_154	WORKER
558165.1741604	558165.17	4160432.59	WRKR_155	WORKER
558175.1741603	558175.17	4160362.59	WRKR_156	WORKER
558175.1741603	558175.17	4160372.59	WRKR_157	WORKER
558175.1741603	558175.17	4160382.59	WRKR_158	WORKER
558175.1741603	558175.17	4160392.59	WRKR_159	WORKER
558175.1741604	558175.17	4160402.59	WRKR_160	WORKER
558175.1741604	558175.17	4160412.59	WRKR_161	WORKER
558175.1741604	558175.17	4160422.59	WRKR_162	WORKER
558185.1741603	558185.17	4160362.59	WRKR_163	WORKER
558185.1741603	558185.17	4160372.59	WRKR_164	WORKER
558185.1741603	558185.17	4160382.59	WRKR_165	WORKER
558185.1741603	558185.17	4160392.59	WRKR_166	WORKER
558185.1741604	558185.17	4160402.59	WRKR_167	WORKER
558185.1741604	558185.17	4160412.59	WRKR_168	WORKER
558185.1741604	558185.17	4160422.59	WRKR_169	WORKER
558185.1741604	558185.17	4160432.59	WRKR_170	WORKER
558185.1741604	558185.17	4160442.59	WRKR_171	WORKER
558195.1741603	558195.17	4160362.59	WRKR_172	WORKER
558195.1741603	558195.17	4160372.59	WRKR_173	WORKER
558195.1741603	558195.17	4160382.59	WRKR_174	WORKER
558195.1741603	558195.17	4160392.59	WRKR_175	WORKER
558195.1741604	558195.17	4160402.59	WRKR_176	WORKER
558195.1741604	558195.17	4160412.59	WRKR_177	WORKER

XY	X	Y	Group	Group2
558195.1741604	558195.17	4160422.59	WRKR_178	WORKER
558195.1741604	558195.17	4160432.59	WRKR_179	WORKER
558195.1741604	558195.17	4160442.59	WRKR_180	WORKER
558195.1741604	558195.17	4160452.59	WRKR_181	WORKER
558205.1741603	558205.17	4160362.59	WRKR_182	WORKER
558205.1741603	558205.17	4160372.59	WRKR_183	WORKER
558205.1741603	558205.17	4160382.59	WRKR_184	WORKER
558205.1741603	558205.17	4160392.59	WRKR_185	WORKER
558205.1741604	558205.17	4160402.59	WRKR_186	WORKER
558205.1741604	558205.17	4160412.59	WRKR_187	WORKER
558205.1741604	558205.17	4160422.59	WRKR_188	WORKER
558205.1741604	558205.17	4160432.59	WRKR_189	WORKER
558205.1741604	558205.17	4160442.59	WRKR_190	WORKER
558205.1741604	558205.17	4160452.59	WRKR_191	WORKER
558205.1741604	558205.17	4160462.59	WRKR_192	WORKER
558215.1741603	558215.17	4160362.59	WRKR_193	WORKER
558215.1741603	558215.17	4160372.59	WRKR_194	WORKER
558215.1741603	558215.17	4160382.59	WRKR_195	WORKER
558215.1741603	558215.17	4160392.59	WRKR_196	WORKER
558215.1741604	558215.17	4160402.59	WRKR_197	WORKER
558215.1741604	558215.17	4160412.59	WRKR_198	WORKER
558215.1741604	558215.17	4160422.59	WRKR_199	WORKER
558215.1741604	558215.17	4160432.59	WRKR_200	WORKER
558215.1741604	558215.17	4160442.59	WRKR_201	WORKER
558215.1741604	558215.17	4160452.59	WRKR_202	WORKER
558215.1741604	558215.17	4160462.59	WRKR_203	WORKER
558215.1741604	558215.17	4160472.59	WRKR_204	WORKER
558225.1741603	558225.17	4160362.59	WRKR_205	WORKER
558225.1741603	558225.17	4160372.59	WRKR_206	WORKER
558225.1741603	558225.17	4160382.59	WRKR_207	WORKER
558225.1741603	558225.17	4160392.59	WRKR_208	WORKER
558225.1741604	558225.17	4160402.59	WRKR_209	WORKER
558225.1741604	558225.17	4160412.59	WRKR_210	WORKER
558225.1741604	558225.17	4160422.59	WRKR_211	WORKER
558225.1741604	558225.17	4160432.59	WRKR_212	WORKER
558225.1741604	558225.17	4160442.59	WRKR_213	WORKER
558225.1741604	558225.17	4160452.59	WRKR_214	WORKER
558225.1741604	558225.17	4160462.59	WRKR_215	WORKER
558225.1741604	558225.17	4160472.59	WRKR_216	WORKER
558225.1741604	558225.17	4160482.59	WRKR_217	WORKER
558235.1741603	558235.17	4160362.59	WRKR_218	WORKER
558235.1741603	558235.17	4160372.59	WRKR_219	WORKER
558235.1741603	558235.17	4160382.59	WRKR_220	WORKER
558235.1741603	558235.17	4160392.59	WRKR_221	WORKER
558235.1741604	558235.17	4160402.59	WRKR_222	WORKER
558235.1741604	558235.17	4160412.59	WRKR_223	WORKER
558235.1741604	558235.17	4160422.59	WRKR_224	WORKER
558235.1741604	558235.17	4160432.59	WRKR_225	WORKER
558235.1741604	558235.17	4160442.59	WRKR_226	WORKER
558235.1741604	558235.17	4160452.59	WRKR_227	WORKER
558235.1741604	558235.17	4160462.59	WRKR_228	WORKER
558235.1741604	558235.17	4160472.59	WRKR_229	WORKER
558235.1741604	558235.17	4160482.59	WRKR_230	WORKER
558235.1741604	558235.17	4160492.59	WRKR_231	WORKER
558245.1741603	558245.17	4160362.59	WRKR_232	WORKER
558245.1741603	558245.17	4160372.59	WRKR_233	WORKER
558245.1741603	558245.17	4160382.59	WRKR_234	WORKER
558245.1741603	558245.17	4160392.59	WRKR_235	WORKER
558245.1741604	558245.17	4160402.59	WRKR_236	WORKER
558245.1741604	558245.17	4160412.59	WRKR_237	WORKER
558245.1741604	558245.17	4160422.59	WRKR_238	WORKER
558245.1741604	558245.17	4160432.59	WRKR_239	WORKER
558245.1741604	558245.17	4160442.59	WRKR_240	WORKER
558245.1741604	558245.17	4160452.59	WRKR_241	WORKER
558245.1741604	558245.17	4160462.59	WRKR_242	WORKER
558245.1741604	558245.17	4160472.59	WRKR_243	WORKER
558245.1741604	558245.17	4160482.59	WRKR_244	WORKER

XY	X	Y	Group	Group2
558245.1741604	558245.17	4160492.59	WRKR_245	WORKER
558245.1741605	558245.17	4160502.59	WRKR_246	WORKER
558255.1741603	558255.17	4160362.59	WRKR_247	WORKER
558255.1741603	558255.17	4160372.59	WRKR_248	WORKER
558255.1741603	558255.17	4160382.59	WRKR_249	WORKER
558255.1741603	558255.17	4160392.59	WRKR_250	WORKER
558255.1741604	558255.17	4160402.59	WRKR_251	WORKER
558255.1741604	558255.17	4160412.59	WRKR_252	WORKER
558255.1741604	558255.17	4160422.59	WRKR_253	WORKER
558255.1741604	558255.17	4160432.59	WRKR_254	WORKER
558255.1741604	558255.17	4160442.59	WRKR_255	WORKER
558255.1741604	558255.17	4160452.59	WRKR_256	WORKER
558255.1741604	558255.17	4160462.59	WRKR_257	WORKER
558255.1741604	558255.17	4160472.59	WRKR_258	WORKER
558255.1741604	558255.17	4160482.59	WRKR_259	WORKER
558255.1741604	558255.17	4160492.59	WRKR_260	WORKER
558255.1741605	558255.17	4160502.59	WRKR_261	WORKER
558255.1741605	558255.17	4160512.59	WRKR_262	WORKER
558265.1741603	558265.17	4160362.59	WRKR_263	WORKER
558265.1741603	558265.17	4160372.59	WRKR_264	WORKER
558265.1741603	558265.17	4160382.59	WRKR_265	WORKER
558265.1741603	558265.17	4160392.59	WRKR_266	WORKER
558265.1741604	558265.17	4160402.59	WRKR_267	WORKER
558265.1741604	558265.17	4160412.59	WRKR_268	WORKER
558265.1741604	558265.17	4160422.59	WRKR_269	WORKER
558265.1741604	558265.17	4160432.59	WRKR_270	WORKER
558265.1741604	558265.17	4160442.59	WRKR_271	WORKER
558265.1741604	558265.17	4160452.59	WRKR_272	WORKER
558265.1741604	558265.17	4160462.59	WRKR_273	WORKER
558265.1741604	558265.17	4160472.59	WRKR_274	WORKER
558265.1741604	558265.17	4160482.59	WRKR_275	WORKER
558265.1741604	558265.17	4160492.59	WRKR_276	WORKER
558265.1741605	558265.17	4160502.59	WRKR_277	WORKER
558265.1741605	558265.17	4160512.59	WRKR_278	WORKER
558265.1741605	558265.17	4160522.59	WRKR_279	WORKER
558275.1741603	558275.17	4160362.59	WRKR_280	WORKER
558275.1741603	558275.17	4160372.59	WRKR_281	WORKER
558275.1741603	558275.17	4160382.59	WRKR_282	WORKER
558275.1741603	558275.17	4160392.59	WRKR_283	WORKER
558275.1741604	558275.17	4160402.59	WRKR_284	WORKER
558275.1741604	558275.17	4160412.59	WRKR_285	WORKER
558275.1741604	558275.17	4160422.59	WRKR_286	WORKER
558275.1741604	558275.17	4160432.59	WRKR_287	WORKER
558275.1741604	558275.17	4160442.59	WRKR_288	WORKER
558275.1741604	558275.17	4160452.59	WRKR_289	WORKER
558275.1741604	558275.17	4160462.59	WRKR_290	WORKER
558275.1741604	558275.17	4160472.59	WRKR_291	WORKER
558275.1741604	558275.17	4160482.59	WRKR_292	WORKER
558275.1741604	558275.17	4160492.59	WRKR_293	WORKER
558275.1741605	558275.17	4160502.59	WRKR_294	WORKER
558275.1741605	558275.17	4160512.59	WRKR_295	WORKER
558275.1741605	558275.17	4160522.59	WRKR_296	WORKER
558275.1741605	558275.17	4160532.59	WRKR_297	WORKER
558285.1741603	558285.17	4160362.59	WRKR_298	WORKER
558285.1741603	558285.17	4160372.59	WRKR_299	WORKER
558285.1741603	558285.17	4160382.59	WRKR_300	WORKER
558285.1741603	558285.17	4160392.59	WRKR_301	WORKER
558285.1741604	558285.17	4160402.59	WRKR_302	WORKER
558285.1741604	558285.17	4160412.59	WRKR_303	WORKER
558285.1741604	558285.17	4160422.59	WRKR_304	WORKER
558285.1741604	558285.17	4160432.59	WRKR_305	WORKER
558285.1741604	558285.17	4160442.59	WRKR_306	WORKER
558285.1741604	558285.17	4160452.59	WRKR_307	WORKER
558285.1741604	558285.17	4160462.59	WRKR_308	WORKER
558285.1741604	558285.17	4160472.59	WRKR_309	WORKER
558285.1741604	558285.17	4160482.59	WRKR_310	WORKER
558285.1741604	558285.17	4160492.59	WRKR_311	WORKER

XY	X	Y	Group	Group2
558285.1741605(	558285.17	4160502.59	WRKR_312	WORKER
558285.1741605:	558285.17	4160512.59	WRKR_313	WORKER
558285.1741605:	558285.17	4160522.59	WRKR_314	WORKER
558285.1741605:	558285.17	4160532.59	WRKR_315	WORKER
558295.1741603(	558295.17	4160362.59	WRKR_316	WORKER
558295.1741603'	558295.17	4160372.59	WRKR_317	WORKER
558295.1741603{	558295.17	4160382.59	WRKR_318	WORKER
558295.1741603)	558295.17	4160392.59	WRKR_319	WORKER
558295.1741604(	558295.17	4160402.59	WRKR_320	WORKER
558295.1741604:	558295.17	4160412.59	WRKR_321	WORKER
558295.1741604;	558295.17	4160422.59	WRKR_322	WORKER
558295.1741604=	558295.17	4160432.59	WRKR_323	WORKER
558295.1741604?	558295.17	4160442.59	WRKR_324	WORKER
558295.1741604@	558295.17	4160452.59	WRKR_325	WORKER
558295.1741604[	558295.17	4160462.59	WRKR_326	WORKER
558295.1741604]	558295.17	4160472.59	WRKR_327	WORKER
558295.1741604{	558295.17	4160482.59	WRKR_328	WORKER
558295.1741604)	558295.17	4160492.59	WRKR_329	WORKER
558295.1741605(	558295.17	4160502.59	WRKR_330	WORKER
558295.1741605:	558295.17	4160512.59	WRKR_331	WORKER
558295.1741605;	558295.17	4160522.59	WRKR_332	WORKER
558295.1741605=	558295.17	4160532.59	WRKR_333	WORKER
558305.1741603(	558305.17	4160362.59	WRKR_334	WORKER
558305.1741603'	558305.17	4160372.59	WRKR_335	WORKER
558305.1741603{	558305.17	4160382.59	WRKR_336	WORKER
558305.1741603)	558305.17	4160392.59	WRKR_337	WORKER
558305.1741604(	558305.17	4160402.59	WRKR_338	WORKER
558305.1741604:	558305.17	4160412.59	WRKR_339	WORKER
558305.1741604;	558305.17	4160422.59	WRKR_340	WORKER
558305.1741604=	558305.17	4160432.59	WRKR_341	WORKER
558305.1741604?	558305.17	4160442.59	WRKR_342	WORKER
558305.1741604@	558305.17	4160452.59	WRKR_343	WORKER
558305.1741604[	558305.17	4160462.59	WRKR_344	WORKER
558305.1741604]	558305.17	4160472.59	WRKR_345	WORKER
558305.1741604{	558305.17	4160482.59	WRKR_346	WORKER
558305.1741604)	558305.17	4160492.59	WRKR_347	WORKER
558305.1741605(	558305.17	4160502.59	WRKR_348	WORKER
558305.1741605:	558305.17	4160512.59	WRKR_349	WORKER
558305.1741605;	558305.17	4160522.59	WRKR_350	WORKER
558305.1741605=	558305.17	4160532.59	WRKR_351	WORKER
558315.1741603(	558315.17	4160362.59	WRKR_352	WORKER
558315.1741603'	558315.17	4160372.59	WRKR_353	WORKER
558315.1741603{	558315.17	4160382.59	WRKR_354	WORKER
558315.1741603)	558315.17	4160392.59	WRKR_355	WORKER
558315.1741604(	558315.17	4160402.59	WRKR_356	WORKER
558315.1741604:	558315.17	4160412.59	WRKR_357	WORKER
558315.1741604;	558315.17	4160422.59	WRKR_358	WORKER
558315.1741604=	558315.17	4160432.59	WRKR_359	WORKER
558315.1741604?	558315.17	4160442.59	WRKR_360	WORKER
558315.1741604@	558315.17	4160452.59	WRKR_361	WORKER
558315.1741604[	558315.17	4160462.59	WRKR_362	WORKER
558315.1741604]	558315.17	4160472.59	WRKR_363	WORKER
558315.1741604{	558315.17	4160482.59	WRKR_364	WORKER
558315.1741604)	558315.17	4160492.59	WRKR_365	WORKER
558315.1741605(	558315.17	4160502.59	WRKR_366	WORKER
558315.1741605:	558315.17	4160512.59	WRKR_367	WORKER
558315.1741605;	558315.17	4160522.59	WRKR_368	WORKER
558315.1741605=	558315.17	4160532.59	WRKR_369	WORKER
558325.1741603(	558325.17	4160362.59	WRKR_370	WORKER
558325.1741603'	558325.17	4160372.59	WRKR_371	WORKER
558325.1741603{	558325.17	4160382.59	WRKR_372	WORKER
558325.1741603)	558325.17	4160392.59	WRKR_373	WORKER
558325.1741604(	558325.17	4160402.59	WRKR_374	WORKER
558325.1741604:	558325.17	4160412.59	WRKR_375	WORKER
558325.1741604;	558325.17	4160422.59	WRKR_376	WORKER
558325.1741604=	558325.17	4160432.59	WRKR_377	WORKER
558325.1741604?	558325.17	4160442.59	WRKR_378	WORKER

XY	X	Y	Group	Group2
558325.1741604	558325.17	4160452.59	WRKR_379	WORKER
558325.1741604	558325.17	4160462.59	WRKR_380	WORKER
558325.1741604	558325.17	4160472.59	WRKR_381	WORKER
558325.1741604	558325.17	4160482.59	WRKR_382	WORKER
558325.1741604	558325.17	4160492.59	WRKR_383	WORKER
558325.1741605	558325.17	4160502.59	WRKR_384	WORKER
558325.1741605	558325.17	4160512.59	WRKR_385	WORKER
558325.1741605	558325.17	4160522.59	WRKR_386	WORKER
558325.1741605	558325.17	4160532.59	WRKR_387	WORKER
558335.1741603	558335.17	4160362.59	WRKR_388	WORKER
558335.1741603	558335.17	4160372.59	WRKR_389	WORKER
558335.1741603	558335.17	4160382.59	WRKR_390	WORKER
558335.1741603	558335.17	4160392.59	WRKR_391	WORKER
558335.1741604	558335.17	4160402.59	WRKR_392	WORKER
558335.1741604	558335.17	4160412.59	WRKR_393	WORKER
558335.1741604	558335.17	4160422.59	WRKR_394	WORKER
558335.1741604	558335.17	4160432.59	WRKR_395	WORKER
558335.1741604	558335.17	4160442.59	WRKR_396	WORKER
558335.1741604	558335.17	4160452.59	WRKR_397	WORKER
558335.1741604	558335.17	4160462.59	WRKR_398	WORKER
558335.1741604	558335.17	4160472.59	WRKR_399	WORKER
558335.1741604	558335.17	4160482.59	WRKR_400	WORKER
558335.1741604	558335.17	4160492.59	WRKR_401	WORKER
558335.1741605	558335.17	4160502.59	WRKR_402	WORKER
558335.1741605	558335.17	4160512.59	WRKR_403	WORKER
558335.1741605	558335.17	4160522.59	WRKR_404	WORKER
558335.1741605	558335.17	4160532.59	WRKR_405	WORKER
558345.1741603	558345.17	4160362.59	WRKR_406	WORKER
558345.1741603	558345.17	4160372.59	WRKR_407	WORKER
558345.1741603	558345.17	4160382.59	WRKR_408	WORKER
558345.1741603	558345.17	4160392.59	WRKR_409	WORKER
558345.1741604	558345.17	4160402.59	WRKR_410	WORKER
558345.1741604	558345.17	4160412.59	WRKR_411	WORKER
558345.1741604	558345.17	4160422.59	WRKR_412	WORKER
558345.1741604	558345.17	4160432.59	WRKR_413	WORKER
558345.1741604	558345.17	4160442.59	WRKR_414	WORKER
558345.1741604	558345.17	4160452.59	WRKR_415	WORKER
558345.1741604	558345.17	4160462.59	WRKR_416	WORKER
558345.1741604	558345.17	4160472.59	WRKR_417	WORKER
558345.1741604	558345.17	4160482.59	WRKR_418	WORKER
558345.1741604	558345.17	4160492.59	WRKR_419	WORKER
558345.1741605	558345.17	4160502.59	WRKR_420	WORKER
558345.1741605	558345.17	4160512.59	WRKR_421	WORKER
558345.1741605	558345.17	4160522.59	WRKR_422	WORKER
558345.1741605	558345.17	4160532.59	WRKR_423	WORKER
558355.1741603	558355.17	4160362.59	WRKR_424	WORKER
558355.1741603	558355.17	4160372.59	WRKR_425	WORKER
558355.1741603	558355.17	4160382.59	WRKR_426	WORKER
558355.1741603	558355.17	4160392.59	WRKR_427	WORKER
558355.1741604	558355.17	4160402.59	WRKR_428	WORKER
558355.1741604	558355.17	4160412.59	WRKR_429	WORKER
558355.1741604	558355.17	4160422.59	WRKR_430	WORKER
558355.1741604	558355.17	4160432.59	WRKR_431	WORKER
558355.1741604	558355.17	4160442.59	WRKR_432	WORKER
558355.1741604	558355.17	4160452.59	WRKR_433	WORKER
558355.1741604	558355.17	4160462.59	WRKR_434	WORKER
558355.1741604	558355.17	4160472.59	WRKR_435	WORKER
558355.1741604	558355.17	4160482.59	WRKR_436	WORKER
558355.1741604	558355.17	4160492.59	WRKR_437	WORKER
558355.1741605	558355.17	4160502.59	WRKR_438	WORKER
558355.1741605	558355.17	4160512.59	WRKR_439	WORKER
558355.1741605	558355.17	4160522.59	WRKR_440	WORKER
558355.1741605	558355.17	4160532.59	WRKR_441	WORKER
558365.1741603	558365.17	4160362.59	WRKR_442	WORKER
558365.1741603	558365.17	4160372.59	WRKR_443	WORKER
558365.1741603	558365.17	4160382.59	WRKR_444	WORKER
558365.1741603	558365.17	4160392.59	WRKR_445	WORKER

XY	X	Y	Group	Group2
558365.1741604(	558365.17	4160402.59	WRKR_446	WORKER
558365.1741604:	558365.17	4160412.59	WRKR_447	WORKER
558365.1741604:	558365.17	4160422.59	WRKR_448	WORKER
558365.1741604:	558365.17	4160432.59	WRKR_449	WORKER
558365.1741604	558365.17	4160442.59	WRKR_450	WORKER
558365.1741604	558365.17	4160452.59	WRKR_451	WORKER
558365.1741604(	558365.17	4160462.59	WRKR_452	WORKER
558365.1741604	558365.17	4160472.59	WRKR_453	WORKER
558365.1741604	558365.17	4160482.59	WRKR_454	WORKER
558365.1741604	558365.17	4160492.59	WRKR_455	WORKER
558365.1741605(	558365.17	4160502.59	WRKR_456	WORKER
558365.1741605:	558365.17	4160512.59	WRKR_457	WORKER
558365.1741605:	558365.17	4160522.59	WRKR_458	WORKER
558365.1741605:	558365.17	4160532.59	WRKR_459	WORKER
558375.1741603(	558375.17	4160362.59	WRKR_460	WORKER
558375.1741603	558375.17	4160372.59	WRKR_461	WORKER
558375.1741603	558375.17	4160382.59	WRKR_462	WORKER
558375.1741603	558375.17	4160392.59	WRKR_463	WORKER
558375.1741604(	558375.17	4160402.59	WRKR_464	WORKER
558375.1741604:	558375.17	4160412.59	WRKR_465	WORKER
558375.1741604:	558375.17	4160422.59	WRKR_466	WORKER
558375.1741604:	558375.17	4160432.59	WRKR_467	WORKER
558375.1741604	558375.17	4160442.59	WRKR_468	WORKER
558375.1741604	558375.17	4160452.59	WRKR_469	WORKER
558375.1741604(	558375.17	4160462.59	WRKR_470	WORKER
558375.1741604	558375.17	4160472.59	WRKR_471	WORKER
558375.1741604	558375.17	4160482.59	WRKR_472	WORKER
558375.1741604	558375.17	4160492.59	WRKR_473	WORKER
558375.1741605(	558375.17	4160502.59	WRKR_474	WORKER
558375.1741605:	558375.17	4160512.59	WRKR_475	WORKER
558375.1741605:	558375.17	4160522.59	WRKR_476	WORKER
558375.1741605:	558375.17	4160532.59	WRKR_477	WORKER
558385.1741603(	558385.17	4160362.59	WRKR_478	WORKER
558385.1741603	558385.17	4160372.59	WRKR_479	WORKER
558385.1741603	558385.17	4160382.59	WRKR_480	WORKER
558385.1741603	558385.17	4160392.59	WRKR_481	WORKER
558385.1741604(	558385.17	4160402.59	WRKR_482	WORKER
558385.1741604:	558385.17	4160412.59	WRKR_483	WORKER
558385.1741604:	558385.17	4160422.59	WRKR_484	WORKER
558385.1741604:	558385.17	4160432.59	WRKR_485	WORKER
558385.1741604	558385.17	4160442.59	WRKR_486	WORKER
558385.1741604	558385.17	4160452.59	WRKR_487	WORKER
558385.1741604(	558385.17	4160462.59	WRKR_488	WORKER
558385.1741604	558385.17	4160472.59	WRKR_489	WORKER
558385.1741604	558385.17	4160482.59	WRKR_490	WORKER
558385.1741604	558385.17	4160492.59	WRKR_491	WORKER
558385.1741605(	558385.17	4160502.59	WRKR_492	WORKER
558385.1741605:	558385.17	4160512.59	WRKR_493	WORKER
558385.1741605:	558385.17	4160522.59	WRKR_494	WORKER
558385.1741605:	558385.17	4160532.59	WRKR_495	WORKER
558395.1741603(	558395.17	4160362.59	WRKR_496	WORKER
558395.1741603	558395.17	4160372.59	WRKR_497	WORKER
558395.1741603	558395.17	4160382.59	WRKR_498	WORKER
558395.1741603	558395.17	4160392.59	WRKR_499	WORKER
558395.1741604(	558395.17	4160402.59	WRKR_500	WORKER
558395.1741604:	558395.17	4160412.59	WRKR_501	WORKER
558395.1741604:	558395.17	4160422.59	WRKR_502	WORKER
558395.1741604:	558395.17	4160432.59	WRKR_503	WORKER
558395.1741604	558395.17	4160442.59	WRKR_504	WORKER
558395.1741604	558395.17	4160452.59	WRKR_505	WORKER
558395.1741604(	558395.17	4160462.59	WRKR_506	WORKER
558395.1741604	558395.17	4160472.59	WRKR_507	WORKER
558395.1741604	558395.17	4160482.59	WRKR_508	WORKER
558395.1741604	558395.17	4160492.59	WRKR_509	WORKER
558395.1741605(	558395.17	4160502.59	WRKR_510	WORKER
558395.1741605:	558395.17	4160512.59	WRKR_511	WORKER
557513.4841606	557513.48	4160678.78	HOTEL_1	RESIDENT

XY	X	Y	Group	Group2
557513.4841606	557513.48	4160688.78	HOTEL_2	RESIDENT
557513.4841606	557513.48	4160698.78	HOTEL_3	RESIDENT
557513.4841607	557513.48	4160708.78	HOTEL_4	RESIDENT
557513.4841607	557513.48	4160718.78	HOTEL_5	RESIDENT
557513.4841607	557513.48	4160728.78	HOTEL_6	RESIDENT
557523.4841606	557523.48	4160678.78	HOTEL_7	RESIDENT
557523.4841606	557523.48	4160688.78	HOTEL_8	RESIDENT
557523.4841606	557523.48	4160698.78	HOTEL_9	RESIDENT
557523.4841607	557523.48	4160708.78	HOTEL_10	RESIDENT
557523.4841607	557523.48	4160718.78	HOTEL_11	RESIDENT
557523.4841607	557523.48	4160728.78	HOTEL_12	RESIDENT
557533.4841606	557533.48	4160678.78	HOTEL_13	RESIDENT
557533.4841606	557533.48	4160688.78	HOTEL_14	RESIDENT
557533.4841606	557533.48	4160698.78	HOTEL_15	RESIDENT
557533.4841607	557533.48	4160708.78	HOTEL_16	RESIDENT
557533.4841607	557533.48	4160718.78	HOTEL_17	RESIDENT
557533.4841607	557533.48	4160728.78	HOTEL_18	RESIDENT
557543.4841606	557543.48	4160678.78	HOTEL_19	RESIDENT
557543.4841606	557543.48	4160688.78	HOTEL_20	RESIDENT
557543.4841606	557543.48	4160698.78	HOTEL_21	RESIDENT
557543.4841607	557543.48	4160708.78	HOTEL_22	RESIDENT
557543.4841607	557543.48	4160718.78	HOTEL_23	RESIDENT
557543.4841607	557543.48	4160728.78	HOTEL_24	RESIDENT
557553.4841606	557553.48	4160678.78	HOTEL_25	RESIDENT
557553.4841606	557553.48	4160688.78	HOTEL_26	RESIDENT
557553.4841606	557553.48	4160698.78	HOTEL_27	RESIDENT
557553.4841607	557553.48	4160708.78	HOTEL_28	RESIDENT
557553.4841607	557553.48	4160718.78	HOTEL_29	RESIDENT
557553.4841607	557553.48	4160728.78	HOTEL_30	RESIDENT
557563.4841606	557563.48	4160678.78	HOTEL_31	RESIDENT
557563.4841606	557563.48	4160688.78	HOTEL_32	RESIDENT
557563.4841606	557563.48	4160698.78	HOTEL_33	RESIDENT
557563.4841607	557563.48	4160708.78	HOTEL_34	RESIDENT
557563.4841607	557563.48	4160718.78	HOTEL_35	RESIDENT
557563.4841607	557563.48	4160728.78	HOTEL_36	RESIDENT
557573.4841606	557573.48	4160678.78	HOTEL_37	RESIDENT
557573.4841606	557573.48	4160688.78	HOTEL_38	RESIDENT
557573.4841606	557573.48	4160698.78	HOTEL_39	RESIDENT
557573.4841607	557573.48	4160708.78	HOTEL_40	RESIDENT
557573.4841607	557573.48	4160718.78	HOTEL_41	RESIDENT
557573.4841607	557573.48	4160728.78	HOTEL_42	RESIDENT
557583.4841606	557583.48	4160678.78	HOTEL_43	RESIDENT
557583.4841606	557583.48	4160688.78	HOTEL_44	RESIDENT
557583.4841606	557583.48	4160698.78	HOTEL_45	RESIDENT
557583.4841607	557583.48	4160708.78	HOTEL_46	RESIDENT
557583.4841607	557583.48	4160718.78	HOTEL_47	RESIDENT
557583.4841607	557583.48	4160728.78	HOTEL_48	RESIDENT
557593.4841606	557593.48	4160678.78	HOTEL_49	RESIDENT
557593.4841606	557593.48	4160688.78	HOTEL_50	RESIDENT
557593.4841606	557593.48	4160698.78	HOTEL_51	RESIDENT
557593.4841607	557593.48	4160708.78	HOTEL_52	RESIDENT
557593.4841607	557593.48	4160718.78	HOTEL_53	RESIDENT
557593.4841607	557593.48	4160728.78	HOTEL_54	RESIDENT
557603.4841606	557603.48	4160678.78	HOTEL_55	RESIDENT
557603.4841606	557603.48	4160688.78	HOTEL_56	RESIDENT
557603.4841606	557603.48	4160698.78	HOTEL_57	RESIDENT
557603.4841607	557603.48	4160708.78	HOTEL_58	RESIDENT
557603.4841607	557603.48	4160718.78	HOTEL_59	RESIDENT
557613.4841606	557613.48	4160678.78	HOTEL_60	RESIDENT
557613.4841606	557613.48	4160688.78	HOTEL_61	RESIDENT
557613.4841606	557613.48	4160698.78	HOTEL_62	RESIDENT
557613.4841607	557613.48	4160708.78	HOTEL_63	RESIDENT
557623.4841606	557623.48	4160688.78	HOTEL_64	RESIDENT
557623.4841606	557623.48	4160698.78	HOTEL_65	RESIDENT
557623.4841607	557623.48	4160708.78	HOTEL_66	RESIDENT
558477.6641605	558477.66	4160568.94	WRKR_512	WORKER
558477.6641605	558477.66	4160578.94	WRKR_513	WORKER

XY	X	Y	Group	Group2
558477.6641605	558477.66	4160588.94	WRKR_514	WORKER
558477.6641605	558477.66	4160598.94	WRKR_515	WORKER
558487.6641605	558487.66	4160568.94	WRKR_516	WORKER
558487.6641605	558487.66	4160578.94	WRKR_517	WORKER
558487.6641605	558487.66	4160588.94	WRKR_518	WORKER
558487.6641605	558487.66	4160598.94	WRKR_519	WORKER
558497.6641605	558497.66	4160568.94	WRKR_520	WORKER
558497.6641605	558497.66	4160578.94	WRKR_521	WORKER
558497.6641605	558497.66	4160588.94	WRKR_522	WORKER
558497.6641605	558497.66	4160598.94	WRKR_523	WORKER
558507.6641605	558507.66	4160568.94	WRKR_524	WORKER
558507.6641605	558507.66	4160578.94	WRKR_525	WORKER
558507.6641605	558507.66	4160588.94	WRKR_526	WORKER
558507.6641605	558507.66	4160598.94	WRKR_527	WORKER
558517.6641605	558517.66	4160568.94	WRKR_528	WORKER
558517.6641605	558517.66	4160578.94	WRKR_529	WORKER
558517.6641605	558517.66	4160588.94	WRKR_530	WORKER
558517.6641605	558517.66	4160598.94	WRKR_531	WORKER
558527.6641605	558527.66	4160568.94	WRKR_532	WORKER
558527.6641605	558527.66	4160578.94	WRKR_533	WORKER
558527.6641605	558527.66	4160588.94	WRKR_534	WORKER
558527.6641605	558527.66	4160598.94	WRKR_535	WORKER
558537.6641605	558537.66	4160568.94	WRKR_536	WORKER
558537.6641605	558537.66	4160578.94	WRKR_537	WORKER
558537.6641605	558537.66	4160588.94	WRKR_538	WORKER
558537.6641605	558537.66	4160598.94	WRKR_539	WORKER
558547.6641605	558547.66	4160568.94	WRKR_540	WORKER
558547.6641605	558547.66	4160578.94	WRKR_541	WORKER
558547.6641605	558547.66	4160588.94	WRKR_542	WORKER
558557.6641605	558557.66	4160568.94	WRKR_543	WORKER
558600.6441605	558600.64	4160569.24	WRKR_544	WORKER
558600.6441605	558600.64	4160579.24	WRKR_545	WORKER
558600.6441605	558600.64	4160589.24	WRKR_546	WORKER
558600.6441605	558600.64	4160599.24	WRKR_547	WORKER
558610.6441605	558610.64	4160569.24	WRKR_548	WORKER
558610.6441605	558610.64	4160579.24	WRKR_549	WORKER
558610.6441605	558610.64	4160589.24	WRKR_550	WORKER
558610.6441605	558610.64	4160599.24	WRKR_551	WORKER
558620.6441605	558620.64	4160569.24	WRKR_552	WORKER
558620.6441605	558620.64	4160579.24	WRKR_553	WORKER
558620.6441605	558620.64	4160589.24	WRKR_554	WORKER
558620.6441605	558620.64	4160599.24	WRKR_555	WORKER
558630.6441605	558630.64	4160569.24	WRKR_556	WORKER
558630.6441605	558630.64	4160579.24	WRKR_557	WORKER
558630.6441605	558630.64	4160589.24	WRKR_558	WORKER
558630.6441605	558630.64	4160599.24	WRKR_559	WORKER
558640.6441605	558640.64	4160569.24	WRKR_560	WORKER
558640.6441605	558640.64	4160579.24	WRKR_561	WORKER
558640.6441605	558640.64	4160589.24	WRKR_562	WORKER
558640.6441605	558640.64	4160599.24	WRKR_563	WORKER
558650.6441605	558650.64	4160569.24	WRKR_564	WORKER
558650.6441605	558650.64	4160579.24	WRKR_565	WORKER
558650.6441605	558650.64	4160589.24	WRKR_566	WORKER
558650.6441605	558650.64	4160599.24	WRKR_567	WORKER
558660.6441605	558660.64	4160569.24	WRKR_568	WORKER
558660.6441605	558660.64	4160579.24	WRKR_569	WORKER
558660.6441605	558660.64	4160589.24	WRKR_570	WORKER
558660.6441605	558660.64	4160599.24	WRKR_571	WORKER
558670.6441605	558670.64	4160569.24	WRKR_572	WORKER
558670.6441605	558670.64	4160579.24	WRKR_573	WORKER
558670.6441605	558670.64	4160589.24	WRKR_574	WORKER
558495.4416049	558495.4	4160499.48	WRKR_575	WORKER
558495.4416050	558495.4	4160509.48	WRKR_576	WORKER
558495.4416051	558495.4	4160519.48	WRKR_577	WORKER
558495.4416052	558495.4	4160529.48	WRKR_578	WORKER
558505.4416049	558505.4	4160499.48	WRKR_579	WORKER
558505.4416050	558505.4	4160509.48	WRKR_580	WORKER

XY	X	Y	Group	Group2
558505.4416051	558505.4	4160519.48	WRKR_581	WORKER
558505.4416052	558505.4	4160529.48	WRKR_582	WORKER
558515.4416049	558515.4	4160499.48	WRKR_583	WORKER
558515.4416050	558515.4	4160509.48	WRKR_584	WORKER
558515.4416051	558515.4	4160519.48	WRKR_585	WORKER
558515.4416052	558515.4	4160529.48	WRKR_586	WORKER
558525.4416049	558525.4	4160499.48	WRKR_587	WORKER
558525.4416050	558525.4	4160509.48	WRKR_588	WORKER
558525.4416051	558525.4	4160519.48	WRKR_589	WORKER
558525.4416052	558525.4	4160529.48	WRKR_590	WORKER
558535.4416049	558535.4	4160499.48	WRKR_591	WORKER
558535.4416050	558535.4	4160509.48	WRKR_592	WORKER
558535.4416051	558535.4	4160519.48	WRKR_593	WORKER
558535.4416052	558535.4	4160529.48	WRKR_594	WORKER
558545.4416049	558545.4	4160499.48	WRKR_595	WORKER
558545.4416050	558545.4	4160509.48	WRKR_596	WORKER
558545.4416051	558545.4	4160519.48	WRKR_597	WORKER
558545.4416052	558545.4	4160529.48	WRKR_598	WORKER
558555.4416049	558555.4	4160499.48	WRKR_599	WORKER
558555.4416050	558555.4	4160509.48	WRKR_600	WORKER
558555.4416051	558555.4	4160519.48	WRKR_601	WORKER
558555.4416052	558555.4	4160529.48	WRKR_602	WORKER
558565.4416049	558565.4	4160499.48	WRKR_603	WORKER
558565.4416050	558565.4	4160509.48	WRKR_604	WORKER
558565.4416051	558565.4	4160519.48	WRKR_605	WORKER
558565.4416052	558565.4	4160529.48	WRKR_606	WORKER
558618.9841604	558618.98	4160498.88	WRKR_607	WORKER
558618.9841605	558618.98	4160508.88	WRKR_608	WORKER
558618.9841605	558618.98	4160518.88	WRKR_609	WORKER
558618.9841605	558618.98	4160528.88	WRKR_610	WORKER
558628.9841604	558628.98	4160498.88	WRKR_611	WORKER
558628.9841605	558628.98	4160508.88	WRKR_612	WORKER
558628.9841605	558628.98	4160518.88	WRKR_613	WORKER
558628.9841605	558628.98	4160528.88	WRKR_614	WORKER
558638.9841604	558638.98	4160498.88	WRKR_615	WORKER
558638.9841605	558638.98	4160508.88	WRKR_616	WORKER
558638.9841605	558638.98	4160518.88	WRKR_617	WORKER
558638.9841605	558638.98	4160528.88	WRKR_618	WORKER
558648.9841604	558648.98	4160498.88	WRKR_619	WORKER
558648.9841605	558648.98	4160508.88	WRKR_620	WORKER
558648.9841605	558648.98	4160518.88	WRKR_621	WORKER
558648.9841605	558648.98	4160528.88	WRKR_622	WORKER
558658.9841604	558658.98	4160498.88	WRKR_623	WORKER
558658.9841605	558658.98	4160508.88	WRKR_624	WORKER
558658.9841605	558658.98	4160518.88	WRKR_625	WORKER
558658.9841605	558658.98	4160528.88	WRKR_626	WORKER
558668.9841604	558668.98	4160498.88	WRKR_627	WORKER
558668.9841605	558668.98	4160508.88	WRKR_628	WORKER
558668.9841605	558668.98	4160518.88	WRKR_629	WORKER
558668.9841605	558668.98	4160528.88	WRKR_630	WORKER
558678.9841604	558678.98	4160498.88	WRKR_631	WORKER
558678.9841605	558678.98	4160508.88	WRKR_632	WORKER
558678.9841605	558678.98	4160518.88	WRKR_633	WORKER
558678.9841605	558678.98	4160528.88	WRKR_634	WORKER
558688.9841604	558688.98	4160498.88	WRKR_635	WORKER
558688.9841605	558688.98	4160508.88	WRKR_636	WORKER
558688.9841605	558688.98	4160518.88	WRKR_637	WORKER
558444.4141603	558444.41	4160372.35	WRKR_638	WORKER
558454.4141603	558454.41	4160382.35	WRKR_639	WORKER
558454.4141603	558454.41	4160392.35	WRKR_640	WORKER
558454.4141604	558454.41	4160402.35	WRKR_641	WORKER
558464.4141603	558464.41	4160382.35	WRKR_642	WORKER
558464.4141603	558464.41	4160392.35	WRKR_643	WORKER
558464.4141604	558464.41	4160402.35	WRKR_644	WORKER
558474.4141603	558474.41	4160382.35	WRKR_645	WORKER
558474.4141603	558474.41	4160392.35	WRKR_646	WORKER
558474.4141604	558474.41	4160402.35	WRKR_647	WORKER

XY	X	Y	Group	Group2
558484.4141603	558484.41	4160382.35	WRKR_648	WORKER
558484.4141603	558484.41	4160392.35	WRKR_649	WORKER
558484.4141604	558484.41	4160402.35	WRKR_650	WORKER
558494.4141603	558494.41	4160382.35	WRKR_651	WORKER
558494.4141603	558494.41	4160392.35	WRKR_652	WORKER
558494.4141604	558494.41	4160402.35	WRKR_653	WORKER
558504.4141603	558504.41	4160382.35	WRKR_654	WORKER
558504.4141603	558504.41	4160392.35	WRKR_655	WORKER
558504.4141604	558504.41	4160402.35	WRKR_656	WORKER
558514.4141603	558514.41	4160382.35	WRKR_657	WORKER
558514.4141603	558514.41	4160392.35	WRKR_658	WORKER
558514.4141604	558514.41	4160402.35	WRKR_659	WORKER
558524.4141603	558524.41	4160392.35	WRKR_660	WORKER
558524.4141604	558524.41	4160402.35	WRKR_661	WORKER
558581.8241603	558581.82	4160392.36	WRKR_662	WORKER
558581.8241604	558581.82	4160402.36	WRKR_663	WORKER
558581.8241604	558581.82	4160412.36	WRKR_664	WORKER
558581.8241604	558581.82	4160422.36	WRKR_665	WORKER
558591.8241603	558591.82	4160392.36	WRKR_666	WORKER
558591.8241604	558591.82	4160402.36	WRKR_667	WORKER
558591.8241604	558591.82	4160412.36	WRKR_668	WORKER
558591.8241604	558591.82	4160422.36	WRKR_669	WORKER
558601.8241603	558601.82	4160382.36	WRKR_670	WORKER
558601.8241603	558601.82	4160392.36	WRKR_671	WORKER
558601.8241604	558601.82	4160402.36	WRKR_672	WORKER
558601.8241604	558601.82	4160412.36	WRKR_673	WORKER
558601.8241604	558601.82	4160422.36	WRKR_674	WORKER
558611.8241603	558611.82	4160382.36	WRKR_675	WORKER
558611.8241603	558611.82	4160392.36	WRKR_676	WORKER
558611.8241604	558611.82	4160402.36	WRKR_677	WORKER
558611.8241604	558611.82	4160412.36	WRKR_678	WORKER
558611.8241604	558611.82	4160422.36	WRKR_679	WORKER
558621.8241603	558621.82	4160382.36	WRKR_680	WORKER
558621.8241603	558621.82	4160392.36	WRKR_681	WORKER
558621.8241604	558621.82	4160402.36	WRKR_682	WORKER
558621.8241604	558621.82	4160412.36	WRKR_683	WORKER
558621.8241604	558621.82	4160422.36	WRKR_684	WORKER
558631.8241603	558631.82	4160382.36	WRKR_685	WORKER
558631.8241603	558631.82	4160392.36	WRKR_686	WORKER
558631.8241604	558631.82	4160402.36	WRKR_687	WORKER
558641.8241603	558641.82	4160382.36	WRKR_688	WORKER
558641.8241603	558641.82	4160392.36	WRKR_689	WORKER
558641.8241604	558641.82	4160402.36	WRKR_690	WORKER
558651.8241603	558651.82	4160382.36	WRKR_691	WORKER
558651.8241603	558651.82	4160392.36	WRKR_692	WORKER
558651.8241604	558651.82	4160402.36	WRKR_693	WORKER
558661.8241603	558661.82	4160382.36	WRKR_694	WORKER
558661.8241603	558661.82	4160392.36	WRKR_695	WORKER
558661.8241604	558661.82	4160402.36	WRKR_696	WORKER
558671.8241603	558671.82	4160362.36	WRKR_697	WORKER
558671.8241603	558671.82	4160372.36	WRKR_698	WORKER
558671.8241603	558671.82	4160382.36	WRKR_699	WORKER
558671.8241603	558671.82	4160392.36	WRKR_700	WORKER
558671.8241604	558671.82	4160402.36	WRKR_701	WORKER
558681.8241603	558681.82	4160362.36	WRKR_702	WORKER
558681.8241603	558681.82	4160372.36	WRKR_703	WORKER
558681.8241603	558681.82	4160382.36	WRKR_704	WORKER
558681.8241603	558681.82	4160392.36	WRKR_705	WORKER
558681.8241604	558681.82	4160402.36	WRKR_706	WORKER
558691.8241603	558691.82	4160362.36	WRKR_707	WORKER
558691.8241603	558691.82	4160372.36	WRKR_708	WORKER
558691.8241603	558691.82	4160382.36	WRKR_709	WORKER
558691.8241603	558691.82	4160392.36	WRKR_710	WORKER
558691.8241604	558691.82	4160402.36	WRKR_711	WORKER
558701.8241603	558701.82	4160362.36	WRKR_712	WORKER
558701.8241603	558701.82	4160372.36	WRKR_713	WORKER
558701.8241603	558701.82	4160382.36	WRKR_714	WORKER

XY	X	Y	Group	Group2
558701.8241603	558701.82	4160392.36	WRKR_715	WORKER
558701.8241604	558701.82	4160402.36	WRKR_716	WORKER
558711.8241603	558711.82	4160362.36	WRKR_717	WORKER
558711.8241603	558711.82	4160372.36	WRKR_718	WORKER
558711.8241603	558711.82	4160382.36	WRKR_719	WORKER
558711.8241603	558711.82	4160392.36	WRKR_720	WORKER
558711.8241604	558711.82	4160402.36	WRKR_721	WORKER
558721.8241603	558721.82	4160362.36	WRKR_722	WORKER
558721.8241603	558721.82	4160372.36	WRKR_723	WORKER
558721.8241603	558721.82	4160382.36	WRKR_724	WORKER
558721.8241603	558721.82	4160392.36	WRKR_725	WORKER
558721.8241604	558721.82	4160402.36	WRKR_726	WORKER
558690.0941602	558690.09	4160295.24	WRKR_727	WORKER
558690.0941603	558690.09	4160305.24	WRKR_728	WORKER
558690.0941603	558690.09	4160315.24	WRKR_729	WORKER
558690.0941603	558690.09	4160325.24	WRKR_730	WORKER
558690.0941603	558690.09	4160335.24	WRKR_731	WORKER
558700.0941602	558700.09	4160295.24	WRKR_732	WORKER
558700.0941603	558700.09	4160305.24	WRKR_733	WORKER
558700.0941603	558700.09	4160315.24	WRKR_734	WORKER
558700.0941603	558700.09	4160325.24	WRKR_735	WORKER
558700.0941603	558700.09	4160335.24	WRKR_736	WORKER
558710.0941602	558710.09	4160295.24	WRKR_737	WORKER
558710.0941603	558710.09	4160305.24	WRKR_738	WORKER
558710.0941603	558710.09	4160315.24	WRKR_739	WORKER
558710.0941603	558710.09	4160325.24	WRKR_740	WORKER
558710.0941603	558710.09	4160335.24	WRKR_741	WORKER
558720.0941602	558720.09	4160295.24	WRKR_742	WORKER
558720.0941603	558720.09	4160305.24	WRKR_743	WORKER
558720.0941603	558720.09	4160315.24	WRKR_744	WORKER
558720.0941603	558720.09	4160325.24	WRKR_745	WORKER
558612.6841602	558612.68	4160297.32	WRKR_746	WORKER
558612.6841603	558612.68	4160307.32	WRKR_747	WORKER
558612.6841603	558612.68	4160317.32	WRKR_748	WORKER
558612.6841603	558612.68	4160327.32	WRKR_749	WORKER
558612.6841603	558612.68	4160337.32	WRKR_750	WORKER
558622.6841602	558622.68	4160297.32	WRKR_751	WORKER
558622.6841603	558622.68	4160307.32	WRKR_752	WORKER
558622.6841603	558622.68	4160317.32	WRKR_753	WORKER
558622.6841603	558622.68	4160327.32	WRKR_754	WORKER
558622.6841603	558622.68	4160337.32	WRKR_755	WORKER
558632.6841602	558632.68	4160297.32	WRKR_756	WORKER
558632.6841603	558632.68	4160307.32	WRKR_757	WORKER
558632.6841603	558632.68	4160317.32	WRKR_758	WORKER
558632.6841603	558632.68	4160327.32	WRKR_759	WORKER
558632.6841603	558632.68	4160337.32	WRKR_760	WORKER
558642.6841602	558642.68	4160297.32	WRKR_761	WORKER
558642.6841603	558642.68	4160307.32	WRKR_762	WORKER
558642.6841603	558642.68	4160317.32	WRKR_763	WORKER
558642.6841603	558642.68	4160327.32	WRKR_764	WORKER
558642.6841603	558642.68	4160337.32	WRKR_765	WORKER
558652.6841602	558652.68	4160297.32	WRKR_766	WORKER
558652.6841603	558652.68	4160307.32	WRKR_767	WORKER
558652.6841603	558652.68	4160317.32	WRKR_768	WORKER
558652.6841603	558652.68	4160327.32	WRKR_769	WORKER
558652.6841603	558652.68	4160337.32	WRKR_770	WORKER
558662.6841602	558662.68	4160297.32	WRKR_771	WORKER
558662.6841603	558662.68	4160307.32	WRKR_772	WORKER
558662.6841603	558662.68	4160317.32	WRKR_773	WORKER
558662.6841603	558662.68	4160327.32	WRKR_774	WORKER
558662.6841603	558662.68	4160337.32	WRKR_775	WORKER
558672.6841602	558672.68	4160297.32	WRKR_776	WORKER
558672.6841603	558672.68	4160307.32	WRKR_777	WORKER
558672.6841603	558672.68	4160317.32	WRKR_778	WORKER
558672.6841603	558672.68	4160327.32	WRKR_779	WORKER
558672.6841603	558672.68	4160337.32	WRKR_780	WORKER
558543.5841602	558543.58	4160290.65	WRKR_781	WORKER

XY	X	Y	Group	Group2
558553.5841603(	558553.58	4160300.65	WRKR_782	WORKER
558553.5841603:	558553.58	4160310.65	WRKR_783	WORKER
558553.5841603:	558553.58	4160320.65	WRKR_784	WORKER
558553.5841603:	558553.58	4160330.65	WRKR_785	WORKER
558563.5841603(	558563.58	4160300.65	WRKR_786	WORKER
558563.5841603:	558563.58	4160310.65	WRKR_787	WORKER
558563.5841603:	558563.58	4160320.65	WRKR_788	WORKER
558563.5841603:	558563.58	4160330.65	WRKR_789	WORKER
558573.5841603(	558573.58	4160300.65	WRKR_790	WORKER
558573.5841603:	558573.58	4160310.65	WRKR_791	WORKER
558573.5841603:	558573.58	4160320.65	WRKR_792	WORKER
558573.5841603:	558573.58	4160330.65	WRKR_793	WORKER
558583.5841603(	558583.58	4160300.65	WRKR_794	WORKER
558583.5841603:	558583.58	4160310.65	WRKR_795	WORKER
558583.5841603:	558583.58	4160320.65	WRKR_796	WORKER
558583.5841603:	558583.58	4160330.65	WRKR_797	WORKER
558593.5841603:	558593.58	4160330.65	WRKR_798	WORKER
558455.3541603(	558455.35	4160303.56	WRKR_799	WORKER
558455.3541603:	558455.35	4160313.56	WRKR_800	WORKER
558455.3541603:	558455.35	4160323.56	WRKR_801	WORKER
558455.3541603:	558455.35	4160333.56	WRKR_802	WORKER
558455.3541603-	558455.35	4160343.56	WRKR_803	WORKER
558465.3541603(	558465.35	4160303.56	WRKR_804	WORKER
558465.3541603:	558465.35	4160313.56	WRKR_805	WORKER
558465.3541603:	558465.35	4160323.56	WRKR_806	WORKER
558465.3541603:	558465.35	4160333.56	WRKR_807	WORKER
558465.3541603-	558465.35	4160343.56	WRKR_808	WORKER
558475.3541603(	558475.35	4160303.56	WRKR_809	WORKER
558475.3541603:	558475.35	4160313.56	WRKR_810	WORKER
558475.3541603:	558475.35	4160323.56	WRKR_811	WORKER
558475.3541603:	558475.35	4160333.56	WRKR_812	WORKER
558475.3541603-	558475.35	4160343.56	WRKR_813	WORKER
558485.3541603(	558485.35	4160303.56	WRKR_814	WORKER
558485.3541603:	558485.35	4160313.56	WRKR_815	WORKER
558485.3541603:	558485.35	4160323.56	WRKR_816	WORKER
558485.3541603:	558485.35	4160333.56	WRKR_817	WORKER
558485.3541603-	558485.35	4160343.56	WRKR_818	WORKER
558495.3541603(	558495.35	4160303.56	WRKR_819	WORKER
558495.3541603:	558495.35	4160313.56	WRKR_820	WORKER
558495.3541603:	558495.35	4160323.56	WRKR_821	WORKER
558495.3541603:	558495.35	4160333.56	WRKR_822	WORKER
558495.3541603-	558495.35	4160343.56	WRKR_823	WORKER
558505.3541603(	558505.35	4160303.56	WRKR_824	WORKER
558505.3541603:	558505.35	4160313.56	WRKR_825	WORKER
558505.3541603:	558505.35	4160323.56	WRKR_826	WORKER
558505.3541603:	558505.35	4160333.56	WRKR_827	WORKER
558515.3541603(	558515.35	4160303.56	WRKR_828	WORKER
558515.3541603:	558515.35	4160313.56	WRKR_829	WORKER
558515.3541603:	558515.35	4160323.56	WRKR_830	WORKER
558515.3541603:	558515.35	4160333.56	WRKR_831	WORKER
558525.3541603(	558525.35	4160303.56	WRKR_832	WORKER
558525.3541603:	558525.35	4160313.56	WRKR_833	WORKER
558525.3541603:	558525.35	4160323.56	WRKR_834	WORKER
558525.3541603:	558525.35	4160333.56	WRKR_835	WORKER
558535.3541603(	558535.35	4160303.56	WRKR_836	WORKER
558535.3541603:	558535.35	4160313.56	WRKR_837	WORKER
558535.3541603:	558535.35	4160323.56	WRKR_838	WORKER
558535.3541603:	558535.35	4160333.56	WRKR_839	WORKER
558616.6741602:	558616.67	4160229.97	WRKR_840	WORKER
558616.6741602:	558616.67	4160239.97	WRKR_841	WORKER
558616.6741602-	558616.67	4160249.97	WRKR_842	WORKER
558626.6741602:	558626.67	4160229.97	WRKR_843	WORKER
558626.6741602:	558626.67	4160239.97	WRKR_844	WORKER
558626.6741602-	558626.67	4160249.97	WRKR_845	WORKER
558636.6741602:	558636.67	4160229.97	WRKR_846	WORKER
558636.6741602:	558636.67	4160239.97	WRKR_847	WORKER
558636.6741602-	558636.67	4160249.97	WRKR_848	WORKER

XY	X	Y	Group	Group2
558646.6741602	558646.67	4160229.97	WRKR_849	WORKER
558646.6741602	558646.67	4160239.97	WRKR_850	WORKER
558646.6741602	558646.67	4160249.97	WRKR_851	WORKER
558656.6741602	558656.67	4160229.97	WRKR_852	WORKER
558656.6741602	558656.67	4160239.97	WRKR_853	WORKER
558666.6741602	558666.67	4160229.97	WRKR_854	WORKER
558666.6741602	558666.67	4160239.97	WRKR_855	WORKER
558676.6741602	558676.67	4160229.97	WRKR_856	WORKER
558676.6741602	558676.67	4160239.97	WRKR_857	WORKER
558686.6741602	558686.67	4160229.97	WRKR_858	WORKER
558686.6741602	558686.67	4160239.97	WRKR_859	WORKER
558696.6741602	558696.67	4160229.97	WRKR_860	WORKER
558696.6741602	558696.67	4160239.97	WRKR_861	WORKER
558706.6741602	558706.67	4160229.97	WRKR_862	WORKER
558706.6741602	558706.67	4160239.97	WRKR_863	WORKER
558716.6741602	558716.67	4160229.97	WRKR_864	WORKER
558716.6741602	558716.67	4160239.97	WRKR_865	WORKER
558420.2141602	558420.21	4160235.8	WRKR_866	WORKER
558420.2141602	558420.21	4160245.8	WRKR_867	WORKER
558420.2141602	558420.21	4160255.8	WRKR_868	WORKER
558430.2141602	558430.21	4160235.8	WRKR_869	WORKER
558430.2141602	558430.21	4160245.8	WRKR_870	WORKER
558430.2141602	558430.21	4160255.8	WRKR_871	WORKER
558440.2141602	558440.21	4160235.8	WRKR_872	WORKER
558440.2141602	558440.21	4160245.8	WRKR_873	WORKER
558440.2141602	558440.21	4160255.8	WRKR_874	WORKER
558450.2141602	558450.21	4160235.8	WRKR_875	WORKER
558450.2141602	558450.21	4160245.8	WRKR_876	WORKER
558450.2141602	558450.21	4160255.8	WRKR_877	WORKER
558460.2141602	558460.21	4160235.8	WRKR_878	WORKER
558460.2141602	558460.21	4160245.8	WRKR_879	WORKER
558460.2141602	558460.21	4160255.8	WRKR_880	WORKER
558470.2141602	558470.21	4160235.8	WRKR_881	WORKER
558470.2141602	558470.21	4160245.8	WRKR_882	WORKER
558470.2141602	558470.21	4160255.8	WRKR_883	WORKER
558480.2141602	558480.21	4160235.8	WRKR_884	WORKER
558480.2141602	558480.21	4160245.8	WRKR_885	WORKER
558480.2141602	558480.21	4160255.8	WRKR_886	WORKER
558490.2141602	558490.21	4160235.8	WRKR_887	WORKER
558490.2141602	558490.21	4160245.8	WRKR_888	WORKER
558490.2141602	558490.21	4160255.8	WRKR_889	WORKER
558500.2141602	558500.21	4160235.8	WRKR_890	WORKER
558500.2141602	558500.21	4160245.8	WRKR_891	WORKER
558500.2141602	558500.21	4160255.8	WRKR_892	WORKER
558510.2141602	558510.21	4160235.8	WRKR_893	WORKER
558510.2141602	558510.21	4160245.8	WRKR_894	WORKER
558510.2141602	558510.21	4160255.8	WRKR_895	WORKER
558520.2141602	558520.21	4160235.8	WRKR_896	WORKER
558520.2141602	558520.21	4160245.8	WRKR_897	WORKER
558520.2141602	558520.21	4160255.8	WRKR_898	WORKER
558530.2141602	558530.21	4160235.8	WRKR_899	WORKER
558530.2141602	558530.21	4160245.8	WRKR_900	WORKER
558530.2141602	558530.21	4160255.8	WRKR_901	WORKER
558540.2141602	558540.21	4160235.8	WRKR_902	WORKER
558540.2141602	558540.21	4160245.8	WRKR_903	WORKER
558540.2141602	558540.21	4160255.8	WRKR_904	WORKER
558550.2141602	558550.21	4160235.8	WRKR_905	WORKER
558550.2141602	558550.21	4160245.8	WRKR_906	WORKER
558550.2141602	558550.21	4160255.8	WRKR_907	WORKER
558560.2141602	558560.21	4160235.8	WRKR_908	WORKER
558560.2141602	558560.21	4160245.8	WRKR_909	WORKER
558560.2141602	558560.21	4160255.8	WRKR_910	WORKER
558570.2141602	558570.21	4160235.8	WRKR_911	WORKER
558570.2141602	558570.21	4160245.8	WRKR_912	WORKER
558570.2141602	558570.21	4160255.8	WRKR_913	WORKER
558580.2141602	558580.21	4160235.8	WRKR_914	WORKER
558580.2141602	558580.21	4160245.8	WRKR_915	WORKER

XY	X	Y	Group	Group2
558590.2141602	558590.21	4160235.8	WRKR_916	WORKER
558590.2141602	558590.21	4160245.8	WRKR_917	WORKER
558600.2141602	558600.21	4160245.8	WRKR_918	WORKER

RESIDENTIAL - Diesel Particulate Matter

Parameter	Abbr.	3rd Tri	0<2	2<16	16<30
Daily Breathing Rate (mg/kg/day)[1]	DBR	361	1,090	572	261
Inhalation Absorption Factor (unitless)	A	1.0	1.0	1.0	1.0
Exposure Frequency (unitless)[2]	EF	0.96	0.96	0.96	0.96
Conversion Factor (ug to mg, L to m^3)	CF	1.00E-06	1.00E-06	1.00E-06	1.00E-06
Age Sensitivity Factor (unitless)	ASF	10	10	3	1
Exposure Duration (years)	ED	0.25	2.00	1.12	0.00
Averaging Time for Lifetime (years)	AT	70.0	70.0	70.0	70.0
Fraction of Time at Home (unitless)[3]	FAH	1.00	1.00	1.00	0.73
Worker Adjustment Factor (unitless)	WAF	4.2	4.2	4.2	4.2
Cancer Conversion Factor (unitless)	CCF	1.00E+06	1.00E+06	1.00E+06	1.00E+06
Cancer Potency Factor (mg/kg/day)$^{-1,3}$	CPF	1.1	1.1	1.1	1.1

1. 95th percentile DBR for 3rd Tri & 0<2, 80th percentile for other age groups, consistent with BAAQMD Guidance.
2. Based on 350 days/365 days per year

DOSE: CONC x DBR x A x EF x CF
CANCER RISK: Dose x CPF x ASF x ED/AT x FAH x CCF

WORKER - Diesel Particulate Matter

Parameter	Abbr.	16<30
Daily Breathing Rate (mg/kg/day)	DBR	230
Inhalation Absorption Factor (unitless)	A	1
Exposure Frequency (unitless)	EF	0.68
Conversion Factor (ug to mg, L to m^3)	CF	1.00E-06
Age Sensitivity Factor (unitless)	ASF	1
Exposure Duration (years)	ED	3.37
Averaging Time for Lifetime (years)	AT	70
Fraction of Time at Home (unitless)	FAH	1
Worker Adjustment Factor (unitless)	WAF	4.2
Cancer Conversion Factor (unitless)	CCF	1.00E+06
Cancer Potency Factor (mg/kg/day)$^{-1}$	CPF	1.1

1. 95th percentile for 16<30, moderate intensity .
2. Based on 250 days/365 days per year

DOSE: CONC x WAF DBR x A x EF x CF
CANCER RISK: Dose x CPF x ASF x ED/AT x FAH x CCF

Source: https://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/ceqa-guidelines-2022/appendix-e-recommended-methods-for-screening-and-modeling-local-risks-and-hazards_final-pdf.pdf?rev=b8917a27345a4a629fc18fc8650951e4&sc_lang=en

Year	ROG	NOX	CO	SOX	PM10 Fugitive	PM10 Exhaust
2020	6.21E-02	1.48E-01	1.93E+00	5.15E-03	3.18E-01	5.05E-03
2021	5.25E-02	1.25E-01	1.72E+00	5.07E-03	3.18E-01	4.79E-03
2022	4.66E-02	1.11E-01	1.60E+00	4.98E-03	3.18E-01	4.60E-03
2023	4.15E-02	9.91E-02	1.48E+00	4.89E-03	3.18E-01	4.43E-03
2024	3.71E-02	8.92E-02	1.39E+00	4.80E-03	3.18E-01	4.27E-03
2025	3.33E-02	8.09E-02	1.31E+00	4.70E-03	3.18E-01	4.13E-03
2026	3.01E-02	7.39E-02	1.24E+00	4.60E-03	3.18E-01	3.97E-03
2027	2.73E-02	6.78E-02	1.17E+00	4.51E-03	3.18E-01	3.78E-03
2028	2.50E-02	6.25E-02	1.12E+00	4.43E-03	3.18E-01	3.57E-03
2029	2.28E-02	5.78E-02	1.07E+00	4.35E-03	3.18E-01	3.36E-03
2030	2.10E-02	5.37E-02	1.03E+00	4.28E-03	3.18E-01	3.16E-03
2031	1.95E-02	5.02E-02	1.00E+00	4.22E-03	3.18E-01	2.96E-03
2032	1.80E-02	4.69E-02	9.70E-01	4.16E-03	3.18E-01	2.78E-03
2033	1.67E-02	4.41E-02	9.42E-01	4.11E-03	3.18E-01	2.61E-03
2034	1.55E-02	4.16E-02	9.17E-01	4.06E-03	3.18E-01	2.45E-03
2035	1.45E-02	3.96E-02	8.95E-01	4.02E-03	3.18E-01	2.30E-03
2036	1.36E-02	3.79E-02	8.76E-01	3.99E-03	3.18E-01	2.18E-03
2037	1.28E-02	3.64E-02	8.60E-01	3.95E-03	3.18E-01	2.06E-03
2038	1.21E-02	3.51E-02	8.47E-01	3.93E-03	3.18E-01	1.96E-03
2039	1.15E-02	3.39E-02	8.35E-01	3.90E-03	3.18E-01	1.87E-03
2040	1.09E-02	3.29E-02	8.25E-01	3.88E-03	3.18E-01	1.80E-03
2041	1.04E-02	3.21E-02	8.16E-01	3.87E-03	3.18E-01	1.74E-03
2042	1.00E-02	3.13E-02	8.09E-01	3.85E-03	3.18E-01	1.69E-03
2043	9.72E-03	3.06E-02	8.03E-01	3.84E-03	3.18E-01	1.64E-03
2044	9.52E-03	3.01E-02	7.98E-01	3.83E-03	3.18E-01	1.61E-03
2045	9.40E-03	2.97E-02	7.96E-01	3.82E-03	3.18E-01	1.58E-03
2046	9.29E-03	2.93E-02	7.93E-01	3.82E-03	3.18E-01	1.55E-03
2047	9.21E-03	2.91E-02	7.91E-01	3.81E-03	3.18E-01	1.53E-03
2048	9.15E-03	2.89E-02	7.90E-01	3.81E-03	3.18E-01	1.52E-03
2049	9.13E-03	2.88E-02	7.89E-01	3.80E-03	3.18E-01	1.51E-03
2050	9.11E-03	2.88E-02	7.88E-01	3.80E-03	3.18E-01	1.50E-03

Emission Rate (g/mi)					
PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	CO2	CH4
3.23E-01	7.93E-02	4.64E-03	8.39E-02	5.21E+02	1.42E-02
3.23E-01	7.93E-02	4.41E-03	8.37E-02	5.14E+02	1.23E-02
3.23E-01	7.93E-02	4.23E-03	8.35E-02	5.07E+02	1.11E-02
3.23E-01	7.93E-02	4.07E-03	8.34E-02	5.01E+02	1.00E-02
3.23E-01	7.93E-02	3.93E-03	8.32E-02	4.95E+02	9.10E-03
3.23E-01	7.93E-02	3.80E-03	8.31E-02	4.90E+02	8.29E-03
3.22E-01	7.93E-02	3.65E-03	8.30E-02	4.84E+02	7.59E-03
3.22E-01	7.93E-02	3.48E-03	8.28E-02	4.78E+02	6.98E-03
3.22E-01	7.93E-02	3.28E-03	8.26E-02	4.73E+02	6.46E-03
3.22E-01	7.93E-02	3.09E-03	8.24E-02	4.68E+02	6.00E-03
3.22E-01	7.93E-02	2.90E-03	8.22E-02	4.63E+02	5.60E-03
3.21E-01	7.93E-02	2.72E-03	8.20E-02	4.60E+02	5.28E-03
3.21E-01	7.93E-02	2.56E-03	8.19E-02	4.56E+02	4.96E-03
3.21E-01	7.93E-02	2.40E-03	8.17E-02	4.53E+02	4.68E-03
3.21E-01	7.93E-02	2.25E-03	8.16E-02	4.50E+02	4.43E-03
3.21E-01	7.93E-02	2.12E-03	8.14E-02	4.47E+02	4.21E-03
3.21E-01	7.93E-02	2.00E-03	8.13E-02	4.45E+02	4.01E-03
3.20E-01	7.93E-02	1.90E-03	8.12E-02	4.43E+02	3.84E-03
3.20E-01	7.93E-02	1.80E-03	8.11E-02	4.41E+02	3.70E-03
3.20E-01	7.93E-02	1.72E-03	8.10E-02	4.40E+02	3.57E-03
3.20E-01	7.93E-02	1.65E-03	8.09E-02	4.39E+02	3.45E-03
3.20E-01	7.93E-02	1.60E-03	8.09E-02	4.38E+02	3.35E-03
3.20E-01	7.93E-02	1.55E-03	8.08E-02	4.37E+02	3.27E-03
3.20E-01	7.93E-02	1.51E-03	8.08E-02	4.36E+02	3.20E-03
3.20E-01	7.93E-02	1.48E-03	8.08E-02	4.35E+02	3.16E-03
3.20E-01	7.93E-02	1.45E-03	8.07E-02	4.35E+02	3.13E-03
3.20E-01	7.93E-02	1.43E-03	8.07E-02	4.34E+02	3.10E-03
3.20E-01	7.93E-02	1.41E-03	8.07E-02	4.34E+02	3.09E-03
3.20E-01	7.93E-02	1.39E-03	8.07E-02	4.34E+02	3.07E-03
3.20E-01	7.93E-02	1.38E-03	8.07E-02	4.34E+02	3.07E-03
3.20E-01	7.93E-02	1.38E-03	8.07E-02	4.33E+02	3.06E-03

N2O	TOG	ROG	NOX	CO	SOX
1.13E-02	9.05E-02	1.46E+00	0.00E+00	5.22E+00	8.51E-04
1.01E-02	7.67E-02	1.40E+00	4.05E-01	4.88E+00	8.34E-04
9.30E-03	6.84E-02	1.33E+00	3.80E-01	4.55E+00	8.16E-04
8.64E-03	6.13E-02	1.27E+00	3.56E-01	4.26E+00	7.97E-04
8.07E-03	5.52E-02	1.20E+00	3.35E-01	4.00E+00	7.79E-04
7.58E-03	5.02E-02	1.15E+00	3.16E-01	3.77E+00	7.61E-04
7.17E-03	4.57E-02	1.09E+00	2.99E-01	3.56E+00	7.43E-04
6.81E-03	4.18E-02	1.05E+00	2.84E-01	3.37E+00	7.27E-04
6.50E-03	3.84E-02	1.01E+00	2.71E-01	3.20E+00	7.12E-04
6.23E-03	3.54E-02	9.64E-01	2.60E-01	3.04E+00	6.97E-04
5.99E-03	3.28E-02	9.26E-01	2.50E-01	2.90E+00	6.84E-04
5.78E-03	3.06E-02	8.87E-01	2.41E-01	2.77E+00	6.72E-04
5.59E-03	2.85E-02	8.57E-01	2.33E-01	2.65E+00	6.60E-04
5.43E-03	2.65E-02	8.33E-01	2.26E-01	2.54E+00	6.50E-04
5.28E-03	2.48E-02	8.01E-01	2.20E-01	2.44E+00	6.40E-04
5.16E-03	2.32E-02	7.86E-01	2.15E-01	2.35E+00	6.31E-04
5.05E-03	2.18E-02	7.67E-01	2.10E-01	2.27E+00	6.23E-04
4.96E-03	2.07E-02	7.44E-01	2.06E-01	2.20E+00	6.16E-04
4.87E-03	1.96E-02	7.22E-01	2.02E-01	2.13E+00	6.10E-04
4.80E-03	1.86E-02	6.92E-01	1.98E-01	2.08E+00	6.05E-04
4.74E-03	1.78E-02	6.61E-01	1.95E-01	2.03E+00	6.00E-04
4.69E-03	1.70E-02	6.39E-01	1.93E-01	1.99E+00	5.96E-04
4.64E-03	1.64E-02	6.20E-01	1.90E-01	1.95E+00	5.92E-04
4.59E-03	1.59E-02	6.04E-01	1.88E-01	1.92E+00	5.89E-04
4.56E-03	1.56E-02	5.92E-01	1.86E-01	1.90E+00	5.86E-04
4.54E-03	1.54E-02	5.81E-01	1.84E-01	1.88E+00	5.84E-04
4.51E-03	1.53E-02	5.71E-01	1.82E-01	1.87E+00	5.82E-04
4.50E-03	1.51E-02	5.64E-01	1.80E-01	1.86E+00	5.81E-04
4.48E-03	1.50E-02	5.58E-01	1.79E-01	1.85E+00	5.80E-04
4.48E-03	1.50E-02	5.54E-01	1.78E-01	1.84E+00	5.79E-04
4.48E-03	1.50E-02	5.50E-01	1.78E-01	1.84E+00	5.78E-04

Emission Rate (g/trip)						
PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	CO2
0.00E+00	2.76E-03	2.76E-03	0.00E+00	2.53E-03	2.53E-03	8.60E+01
0.00E+00	2.64E-03	2.64E-03	0.00E+00	2.43E-03	2.43E-03	8.45E+01
0.00E+00	2.54E-03	2.54E-03	0.00E+00	2.33E-03	2.33E-03	8.30E+01
0.00E+00	2.44E-03	2.44E-03	0.00E+00	2.24E-03	2.24E-03	8.17E+01
0.00E+00	2.35E-03	2.35E-03	0.00E+00	2.16E-03	2.16E-03	8.04E+01
0.00E+00	2.28E-03	2.28E-03	0.00E+00	2.10E-03	2.10E-03	7.93E+01
0.00E+00	2.20E-03	2.20E-03	0.00E+00	2.03E-03	2.03E-03	7.81E+01
0.00E+00	2.12E-03	2.12E-03	0.00E+00	1.95E-03	1.95E-03	7.70E+01
0.00E+00	2.02E-03	2.02E-03	0.00E+00	1.86E-03	1.86E-03	7.60E+01
0.00E+00	1.92E-03	1.92E-03	0.00E+00	1.77E-03	1.77E-03	7.50E+01
0.00E+00	1.83E-03	1.83E-03	0.00E+00	1.68E-03	1.68E-03	7.40E+01
0.00E+00	1.73E-03	1.73E-03	0.00E+00	1.59E-03	1.59E-03	7.32E+01
0.00E+00	1.64E-03	1.64E-03	0.00E+00	1.50E-03	1.50E-03	7.23E+01
0.00E+00	1.54E-03	1.54E-03	0.00E+00	1.42E-03	1.42E-03	7.16E+01
0.00E+00	1.45E-03	1.45E-03	0.00E+00	1.34E-03	1.34E-03	7.09E+01
0.00E+00	1.37E-03	1.37E-03	0.00E+00	1.26E-03	1.26E-03	7.02E+01
0.00E+00	1.30E-03	1.30E-03	0.00E+00	1.19E-03	1.19E-03	6.96E+01
0.00E+00	1.23E-03	1.23E-03	0.00E+00	1.13E-03	1.13E-03	6.91E+01
0.00E+00	1.17E-03	1.17E-03	0.00E+00	1.07E-03	1.07E-03	6.86E+01
0.00E+00	1.11E-03	1.11E-03	0.00E+00	1.02E-03	1.02E-03	6.81E+01
0.00E+00	1.06E-03	1.06E-03	0.00E+00	9.72E-04	9.72E-04	6.78E+01
0.00E+00	1.01E-03	1.01E-03	0.00E+00	9.33E-04	9.33E-04	6.74E+01
0.00E+00	9.77E-04	9.77E-04	0.00E+00	8.98E-04	8.98E-04	6.71E+01
0.00E+00	9.44E-04	9.44E-04	0.00E+00	8.68E-04	8.68E-04	6.68E+01
0.00E+00	9.16E-04	9.16E-04	0.00E+00	8.42E-04	8.42E-04	6.66E+01
0.00E+00	8.91E-04	8.91E-04	0.00E+00	8.19E-04	8.19E-04	6.64E+01
0.00E+00	8.71E-04	8.71E-04	0.00E+00	8.01E-04	8.01E-04	6.63E+01
0.00E+00	8.54E-04	8.54E-04	0.00E+00	7.85E-04	7.85E-04	6.61E+01
0.00E+00	8.40E-04	8.40E-04	0.00E+00	7.72E-04	7.72E-04	6.60E+01
0.00E+00	8.31E-04	8.31E-04	0.00E+00	7.64E-04	7.64E-04	6.59E+01
0.00E+00	8.24E-04	8.24E-04	0.00E+00	7.58E-04	7.58E-04	6.59E+01

CH4	N2O	TOG
1.07E-01	3.99E-02	1.51E+00
1.02E-01	3.95E-02	1.44E+00
9.60E-02	3.82E-02	1.38E+00
9.03E-02	3.71E-02	1.31E+00
8.50E-02	3.60E-02	1.24E+00
8.00E-02	3.49E-02	1.18E+00
7.54E-02	3.39E-02	1.13E+00
7.12E-02	3.31E-02	1.08E+00
6.74E-02	3.23E-02	1.04E+00
6.39E-02	3.17E-02	9.96E-01
6.06E-02	3.11E-02	9.57E-01
5.76E-02	3.05E-02	9.16E-01
5.48E-02	3.00E-02	8.85E-01
5.22E-02	2.96E-02	8.62E-01
4.98E-02	2.92E-02	8.28E-01
4.77E-02	2.89E-02	8.13E-01
4.57E-02	2.86E-02	7.94E-01
4.39E-02	2.83E-02	7.70E-01
4.24E-02	2.81E-02	7.48E-01
4.09E-02	2.79E-02	7.18E-01
3.97E-02	2.77E-02	6.86E-01
3.85E-02	2.75E-02	6.64E-01
3.75E-02	2.74E-02	6.45E-01
3.67E-02	2.72E-02	6.29E-01
3.60E-02	2.71E-02	6.16E-01
3.55E-02	2.70E-02	6.05E-01
3.50E-02	2.69E-02	5.96E-01
3.46E-02	2.68E-02	5.89E-01
3.43E-02	2.67E-02	5.83E-01
3.41E-02	2.67E-02	5.79E-01
3.40E-02	2.67E-02	5.75E-01

Year	ROG	NOX	CO	SOX	PM10 Fugitive
2020	3.53E-01	6.40E+00	9.07E-01	2.13E-02	4.30E-01
2021	1.95E-01	5.28E+00	6.13E-01	2.09E-02	4.29E-01
2022	1.49E-01	4.87E+00	5.20E-01	2.05E-02	4.28E-01
2023	8.31E-02	4.23E+00	3.59E-01	2.00E-02	4.26E-01
2024	7.48E-02	4.08E+00	3.39E-01	1.96E-02	4.26E-01
2025	6.71E-02	3.93E+00	3.20E-01	1.93E-02	4.26E-01
2026	6.03E-02	3.78E+00	3.02E-01	1.90E-02	4.26E-01
2027	5.44E-02	3.65E+00	2.86E-01	1.86E-02	4.26E-01
2028	4.93E-02	3.52E+00	2.72E-01	1.83E-02	4.26E-01
2029	4.51E-02	3.40E+00	2.60E-01	1.80E-02	4.27E-01
2030	4.14E-02	3.30E+00	2.49E-01	1.77E-02	4.27E-01
2031	3.83E-02	3.21E+00	2.41E-01	1.74E-02	4.27E-01
2032	3.57E-02	3.14E+00	2.34E-01	1.71E-02	4.27E-01
2033	3.34E-02	3.07E+00	2.28E-01	1.68E-02	4.28E-01
2034	3.14E-02	3.00E+00	2.23E-01	1.66E-02	4.28E-01
2035	2.97E-02	2.95E+00	2.19E-01	1.64E-02	4.28E-01
2036	2.83E-02	2.90E+00	2.15E-01	1.62E-02	4.28E-01
2037	2.71E-02	2.86E+00	2.12E-01	1.60E-02	4.28E-01
2038	2.62E-02	2.82E+00	2.10E-01	1.59E-02	4.29E-01
2039	2.53E-02	2.78E+00	2.07E-01	1.57E-02	4.29E-01
2040	2.45E-02	2.74E+00	2.05E-01	1.56E-02	4.29E-01
2041	2.38E-02	2.71E+00	2.03E-01	1.55E-02	4.29E-01
2042	2.31E-02	2.68E+00	2.01E-01	1.54E-02	4.29E-01
2043	2.26E-02	2.65E+00	2.00E-01	1.53E-02	4.29E-01

2044	2.20E-02	2.62E+00	1.98E-01	1.52E-02	4.29E-01
2045	2.17E-02	2.60E+00	1.97E-01	1.51E-02	4.29E-01
2046	2.13E-02	2.58E+00	1.96E-01	1.50E-02	4.29E-01
2047	2.11E-02	2.56E+00	1.95E-01	1.49E-02	4.29E-01
2048	2.08E-02	2.54E+00	1.95E-01	1.48E-02	4.29E-01
2049	2.06E-02	2.53E+00	1.94E-01	1.48E-02	4.29E-01
2050	2.04E-02	2.52E+00	1.93E-01	1.47E-02	4.29E-01

Emission Rate (g/mi)								
PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	CO2	CH4	N2O	TOG
6.67E-02	4.97E-01	1.17E-01	6.38E-02	1.81E-01	2.24E+03	1.64E-02	3.54E-01	4.01E-01
3.74E-02	4.66E-01	1.16E-01	3.57E-02	1.52E-01	2.20E+03	9.06E-03	3.47E-01	2.22E-01
2.98E-02	4.58E-01	1.16E-01	2.85E-02	1.45E-01	2.16E+03	6.91E-03	3.41E-01	1.69E-01
2.37E-02	4.50E-01	1.16E-01	2.26E-02	1.38E-01	2.11E+03	3.86E-03	3.32E-01	9.46E-02
2.09E-02	4.47E-01	1.15E-01	2.00E-02	1.35E-01	2.08E+03	3.48E-03	3.27E-01	8.52E-02
1.83E-02	4.44E-01	1.15E-01	1.75E-02	1.33E-01	2.04E+03	3.12E-03	3.21E-01	7.64E-02
1.61E-02	4.42E-01	1.15E-01	1.54E-02	1.31E-01	2.00E+03	2.80E-03	3.15E-01	6.86E-02
1.42E-02	4.40E-01	1.15E-01	1.36E-02	1.29E-01	1.97E+03	2.53E-03	3.10E-01	6.19E-02
1.26E-02	4.39E-01	1.16E-01	1.21E-02	1.28E-01	1.93E+03	2.29E-03	3.04E-01	5.62E-02
1.13E-02	4.38E-01	1.16E-01	1.08E-02	1.26E-01	1.90E+03	2.09E-03	2.99E-01	5.13E-02
1.01E-02	4.37E-01	1.16E-01	9.68E-03	1.25E-01	1.86E+03	1.92E-03	2.94E-01	4.71E-02
9.14E-03	4.36E-01	1.16E-01	8.74E-03	1.25E-01	1.83E+03	1.78E-03	2.89E-01	4.36E-02
8.32E-03	4.36E-01	1.16E-01	7.96E-03	1.24E-01	1.80E+03	1.66E-03	2.84E-01	4.06E-02
7.60E-03	4.35E-01	1.16E-01	7.27E-03	1.23E-01	1.78E+03	1.55E-03	2.80E-01	3.80E-02
7.00E-03	4.35E-01	1.16E-01	6.70E-03	1.23E-01	1.75E+03	1.46E-03	2.76E-01	3.58E-02
6.50E-03	4.35E-01	1.16E-01	6.22E-03	1.22E-01	1.73E+03	1.38E-03	2.72E-01	3.38E-02
6.10E-03	4.34E-01	1.16E-01	5.83E-03	1.22E-01	1.71E+03	1.32E-03	2.69E-01	3.22E-02
5.78E-03	4.34E-01	1.16E-01	5.53E-03	1.22E-01	1.69E+03	1.26E-03	2.66E-01	3.09E-02
5.51E-03	4.34E-01	1.16E-01	5.27E-03	1.22E-01	1.67E+03	1.21E-03	2.64E-01	2.98E-02
5.31E-03	4.34E-01	1.16E-01	5.08E-03	1.21E-01	1.66E+03	1.18E-03	2.61E-01	2.88E-02
5.13E-03	4.34E-01	1.16E-01	4.90E-03	1.21E-01	1.65E+03	1.14E-03	2.59E-01	2.79E-02
4.96E-03	4.34E-01	1.16E-01	4.75E-03	1.21E-01	1.63E+03	1.11E-03	2.57E-01	2.71E-02
4.81E-03	4.34E-01	1.16E-01	4.60E-03	1.21E-01	1.62E+03	1.07E-03	2.56E-01	2.63E-02
4.67E-03	4.34E-01	1.16E-01	4.47E-03	1.21E-01	1.61E+03	1.05E-03	2.54E-01	2.57E-02

4.54E-03	4.34E-01	1.16E-01	4.34E-03	1.21E-01	1.60E+03	1.02E-03	2.52E-01	2.51E-02
4.47E-03	4.34E-01	1.16E-01	4.28E-03	1.21E-01	1.59E+03	1.01E-03	2.51E-01	2.47E-02
4.40E-03	4.33E-01	1.16E-01	4.21E-03	1.21E-01	1.58E+03	9.91E-04	2.49E-01	2.43E-02
4.34E-03	4.33E-01	1.16E-01	4.15E-03	1.21E-01	1.58E+03	9.78E-04	2.48E-01	2.40E-02
4.31E-03	4.33E-01	1.16E-01	4.13E-03	1.21E-01	1.57E+03	9.67E-04	2.47E-01	2.37E-02
4.29E-03	4.33E-01	1.16E-01	4.11E-03	1.21E-01	1.56E+03	9.58E-04	2.46E-01	2.35E-02
4.27E-03	4.33E-01	1.16E-01	4.09E-03	1.21E-01	1.56E+03	9.48E-04	2.45E-01	2.32E-02

Emission Rate (g/trip)									
ROG	NOX	CO	SOX	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total
1.92E-01	3.34E+00	2.51E+00	5.09E-03	0.00E+00	7.63E-03	7.63E-03	0.00E+00	7.30E-03	7.30E-03
1.88E-01	4.71E+00	2.63E+00	5.09E-03	0.00E+00	4.39E-03	4.39E-03	0.00E+00	4.20E-03	4.20E-03
1.87E-01	4.88E+00	2.72E+00	5.06E-03	0.00E+00	3.08E-03	3.08E-03	0.00E+00	2.94E-03	2.94E-03
1.86E-01	4.77E+00	2.86E+00	4.88E-03	0.00E+00	2.67E-03	2.67E-03	0.00E+00	2.55E-03	2.55E-03
1.85E-01	4.93E+00	2.85E+00	4.79E-03	0.00E+00	2.36E-03	2.36E-03	0.00E+00	2.26E-03	2.26E-03
1.84E-01	4.89E+00	2.84E+00	4.70E-03	0.00E+00	2.10E-03	2.10E-03	0.00E+00	2.01E-03	2.01E-03
1.82E-01	4.83E+00	2.84E+00	4.62E-03	0.00E+00	1.87E-03	1.87E-03	0.00E+00	1.79E-03	1.79E-03
1.82E-01	4.77E+00	2.84E+00	4.54E-03	0.00E+00	1.69E-03	1.69E-03	0.00E+00	1.62E-03	1.62E-03
1.81E-01	4.70E+00	2.84E+00	4.46E-03	0.00E+00	1.53E-03	1.53E-03	0.00E+00	1.47E-03	1.47E-03
1.81E-01	4.62E+00	2.84E+00	4.39E-03	0.00E+00	1.40E-03	1.40E-03	0.00E+00	1.34E-03	1.34E-03
1.80E-01	4.55E+00	2.84E+00	4.33E-03	0.00E+00	1.29E-03	1.29E-03	0.00E+00	1.23E-03	1.23E-03
1.80E-01	4.48E+00	2.84E+00	4.27E-03	0.00E+00	1.20E-03	1.20E-03	0.00E+00	1.15E-03	1.15E-03
1.80E-01	4.43E+00	2.85E+00	4.22E-03	0.00E+00	1.14E-03	1.14E-03	0.00E+00	1.09E-03	1.09E-03
1.81E-01	4.38E+00	2.86E+00	4.18E-03	0.00E+00	1.08E-03	1.08E-03	0.00E+00	1.04E-03	1.04E-03
1.81E-01	4.33E+00	2.86E+00	4.14E-03	0.00E+00	1.04E-03	1.04E-03	0.00E+00	9.96E-04	9.96E-04
1.81E-01	4.29E+00	2.87E+00	4.11E-03	0.00E+00	1.00E-03	1.00E-03	0.00E+00	9.61E-04	9.61E-04
1.82E-01	4.25E+00	2.88E+00	4.08E-03	0.00E+00	9.78E-04	9.78E-04	0.00E+00	9.36E-04	9.36E-04
1.82E-01	4.22E+00	2.89E+00	4.06E-03	0.00E+00	9.57E-04	9.57E-04	0.00E+00	9.16E-04	9.16E-04
1.83E-01	4.18E+00	2.90E+00	4.05E-03	0.00E+00	9.41E-04	9.41E-04	0.00E+00	9.00E-04	9.00E-04
1.83E-01	4.15E+00	2.91E+00	4.03E-03	0.00E+00	9.29E-04	9.29E-04	0.00E+00	8.89E-04	8.89E-04
1.84E-01	4.11E+00	2.92E+00	4.03E-03	0.00E+00	9.18E-04	9.18E-04	0.00E+00	8.78E-04	8.78E-04
1.85E-01	4.08E+00	2.93E+00	4.02E-03	0.00E+00	9.09E-04	9.09E-04	0.00E+00	8.70E-04	8.70E-04
1.85E-01	4.06E+00	2.94E+00	4.01E-03	0.00E+00	9.01E-04	9.01E-04	0.00E+00	8.62E-04	8.62E-04
1.86E-01	4.03E+00	2.95E+00	4.01E-03	0.00E+00	8.97E-04	8.97E-04	0.00E+00	8.58E-04	8.58E-04

1.86E-01	4.01E+00	2.96E+00	4.01E-03	0.00E+00	8.91E-04	8.91E-04	0.00E+00	8.53E-04	8.53E-04
1.87E-01	3.99E+00	2.97E+00	4.00E-03	0.00E+00	8.89E-04	8.89E-04	0.00E+00	8.51E-04	8.51E-04
1.88E-01	3.97E+00	2.98E+00	4.00E-03	0.00E+00	8.87E-04	8.87E-04	0.00E+00	8.49E-04	8.49E-04
1.88E-01	3.95E+00	2.98E+00	4.00E-03	0.00E+00	8.86E-04	8.86E-04	0.00E+00	8.47E-04	8.47E-04
1.89E-01	3.94E+00	2.99E+00	4.00E-03	0.00E+00	8.85E-04	8.85E-04	0.00E+00	8.47E-04	8.47E-04
1.89E-01	3.93E+00	3.00E+00	4.00E-03	0.00E+00	8.85E-04	8.85E-04	0.00E+00	8.47E-04	8.47E-04
1.89E-01	3.92E+00	3.00E+00	4.00E-03	0.00E+00	8.85E-04	8.85E-04	0.00E+00	8.47E-04	8.47E-04

CO2	CH4	N2O	TOG
5.37E+02	8.93E-03	8.46E-02	2.19E-01
5.38E+02	8.74E-03	8.47E-02	2.14E-01
5.34E+02	8.69E-03	8.42E-02	2.13E-01
5.16E+02	8.65E-03	8.12E-02	2.12E-01
5.06E+02	8.58E-03	7.97E-02	2.10E-01
4.97E+02	8.52E-03	7.82E-02	2.09E-01
4.88E+02	8.48E-03	7.68E-02	2.08E-01
4.79E+02	8.44E-03	7.55E-02	2.07E-01
4.71E+02	8.41E-03	7.42E-02	2.06E-01
4.64E+02	8.39E-03	7.30E-02	2.06E-01
4.57E+02	8.38E-03	7.20E-02	2.05E-01
4.51E+02	8.38E-03	7.11E-02	2.05E-01
4.46E+02	8.38E-03	7.02E-02	2.05E-01
4.41E+02	8.39E-03	6.95E-02	2.06E-01
4.37E+02	8.40E-03	6.89E-02	2.06E-01
4.34E+02	8.42E-03	6.84E-02	2.06E-01
4.31E+02	8.44E-03	6.79E-02	2.07E-01
4.29E+02	8.46E-03	6.76E-02	2.07E-01
4.27E+02	8.49E-03	6.73E-02	2.08E-01
4.26E+02	8.51E-03	6.71E-02	2.09E-01
4.25E+02	8.54E-03	6.70E-02	2.09E-01
4.24E+02	8.57E-03	6.69E-02	2.10E-01
4.24E+02	8.60E-03	6.68E-02	2.11E-01
4.23E+02	8.63E-03	6.67E-02	2.12E-01

4.23E+02	8.66E-03	6.67E-02	2.12E-01
4.23E+02	8.69E-03	6.66E-02	2.13E-01
4.23E+02	8.71E-03	6.66E-02	2.14E-01
4.23E+02	8.74E-03	6.66E-02	2.14E-01
4.23E+02	8.76E-03	6.66E-02	2.15E-01
4.23E+02	8.78E-03	6.66E-02	2.15E-01
4.23E+02	8.80E-03	6.66E-02	2.16E-01

Year	ROG	NOX	CO	SOX	PM10 Fugitive
2020	3.20E-01	8.30E+00	1.01E+00	2.70E-02	4.87E-01
2021	2.12E-01	7.49E+00	7.91E-01	2.64E-02	4.84E-01
2022	1.46E-01	6.91E+00	6.51E-01	2.57E-02	4.82E-01
2023	6.03E-02	6.16E+00	4.28E-01	2.49E-02	4.80E-01
2024	5.77E-02	6.00E+00	4.13E-01	2.43E-02	4.79E-01
2025	5.53E-02	5.84E+00	3.98E-01	2.37E-02	4.79E-01
2026	5.29E-02	5.68E+00	3.84E-01	2.32E-02	4.79E-01
2027	5.06E-02	5.53E+00	3.71E-01	2.26E-02	4.79E-01
2028	4.83E-02	5.39E+00	3.59E-01	2.21E-02	4.79E-01
2029	4.62E-02	5.25E+00	3.47E-01	2.15E-02	4.80E-01
2030	4.42E-02	5.14E+00	3.38E-01	2.10E-02	4.80E-01
2031	4.23E-02	5.04E+00	3.30E-01	2.05E-02	4.81E-01
2032	4.06E-02	4.95E+00	3.23E-01	2.01E-02	4.81E-01
2033	3.88E-02	4.87E+00	3.18E-01	1.96E-02	4.82E-01
2034	3.73E-02	4.80E+00	3.13E-01	1.93E-02	4.82E-01
2035	3.59E-02	4.74E+00	3.10E-01	1.89E-02	4.83E-01
2036	3.47E-02	4.69E+00	3.07E-01	1.86E-02	4.83E-01
2037	3.37E-02	4.64E+00	3.04E-01	1.84E-02	4.84E-01
2038	3.28E-02	4.59E+00	3.02E-01	1.81E-02	4.84E-01
2039	3.20E-02	4.55E+00	3.00E-01	1.79E-02	4.84E-01
2040	3.14E-02	4.52E+00	2.98E-01	1.78E-02	4.84E-01
2041	3.07E-02	4.48E+00	2.96E-01	1.76E-02	4.85E-01
2042	3.02E-02	4.45E+00	2.95E-01	1.75E-02	4.85E-01

2043	2.97E-02	4.42E+00	2.94E-01	1.73E-02	4.85E-01
2044	2.93E-02	4.39E+00	2.93E-01	1.72E-02	4.85E-01
2045	2.88E-02	4.36E+00	2.92E-01	1.71E-02	4.85E-01
2046	2.84E-02	4.34E+00	2.92E-01	1.70E-02	4.85E-01
2047	2.80E-02	4.32E+00	2.91E-01	1.69E-02	4.85E-01
2048	2.78E-02	4.30E+00	2.91E-01	1.68E-02	4.85E-01
2049	2.75E-02	4.29E+00	2.90E-01	1.67E-02	4.85E-01
2050	2.73E-02	4.28E+00	2.90E-01	1.66E-02	4.85E-01

Emission Rate (g/mi)								
PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	CO2	CH4	N2O	TOG
4.25E-02	5.29E-01	1.35E-01	4.06E-02	1.76E-01	2.85E+03	1.49E-02	4.49E-01	3.64E-01
2.61E-02	5.10E-01	1.35E-01	2.50E-02	1.60E-01	2.79E+03	9.85E-03	4.39E-01	2.41E-01
1.85E-02	5.01E-01	1.34E-01	1.77E-02	1.52E-01	2.72E+03	6.77E-03	4.28E-01	1.66E-01
1.42E-02	4.94E-01	1.33E-01	1.36E-02	1.47E-01	2.63E+03	2.80E-03	4.14E-01	6.86E-02
1.36E-02	4.93E-01	1.33E-01	1.30E-02	1.46E-01	2.57E+03	2.68E-03	4.05E-01	6.57E-02
1.30E-02	4.92E-01	1.33E-01	1.25E-02	1.45E-01	2.51E+03	2.57E-03	3.95E-01	6.29E-02
1.25E-02	4.91E-01	1.33E-01	1.19E-02	1.45E-01	2.45E+03	2.46E-03	3.86E-01	6.02E-02
1.20E-02	4.91E-01	1.33E-01	1.14E-02	1.44E-01	2.39E+03	2.35E-03	3.76E-01	5.76E-02
1.14E-02	4.91E-01	1.33E-01	1.09E-02	1.44E-01	2.33E+03	2.25E-03	3.67E-01	5.50E-02
1.08E-02	4.91E-01	1.33E-01	1.04E-02	1.43E-01	2.27E+03	2.15E-03	3.58E-01	5.26E-02
1.03E-02	4.91E-01	1.33E-01	9.81E-03	1.43E-01	2.22E+03	2.05E-03	3.49E-01	5.03E-02
9.73E-03	4.91E-01	1.33E-01	9.31E-03	1.43E-01	2.17E+03	1.96E-03	3.41E-01	4.82E-02
9.24E-03	4.91E-01	1.34E-01	8.84E-03	1.42E-01	2.12E+03	1.88E-03	3.34E-01	4.62E-02
8.74E-03	4.91E-01	1.34E-01	8.37E-03	1.42E-01	2.07E+03	1.80E-03	3.27E-01	4.42E-02
8.32E-03	4.91E-01	1.34E-01	7.96E-03	1.42E-01	2.03E+03	1.73E-03	3.20E-01	4.24E-02
7.97E-03	4.91E-01	1.34E-01	7.62E-03	1.42E-01	2.00E+03	1.67E-03	3.15E-01	4.09E-02
7.68E-03	4.91E-01	1.34E-01	7.35E-03	1.42E-01	1.97E+03	1.61E-03	3.10E-01	3.95E-02
7.46E-03	4.91E-01	1.34E-01	7.14E-03	1.42E-01	1.94E+03	1.56E-03	3.06E-01	3.83E-02
7.29E-03	4.91E-01	1.34E-01	6.97E-03	1.41E-01	1.92E+03	1.52E-03	3.02E-01	3.74E-02
7.16E-03	4.91E-01	1.35E-01	6.85E-03	1.41E-01	1.89E+03	1.49E-03	2.99E-01	3.65E-02
7.03E-03	4.91E-01	1.35E-01	6.73E-03	1.41E-01	1.88E+03	1.46E-03	2.96E-01	3.57E-02
6.91E-03	4.91E-01	1.35E-01	6.62E-03	1.41E-01	1.86E+03	1.43E-03	2.93E-01	3.50E-02
6.81E-03	4.91E-01	1.35E-01	6.51E-03	1.41E-01	1.84E+03	1.40E-03	2.90E-01	3.44E-02

6.70E-03	4.91E-01	1.35E-01	6.41E-03	1.41E-01	1.83E+03	1.38E-03	2.88E-01	3.38E-02
6.60E-03	4.91E-01	1.35E-01	6.32E-03	1.41E-01	1.82E+03	1.36E-03	2.86E-01	3.33E-02
6.51E-03	4.91E-01	1.35E-01	6.23E-03	1.41E-01	1.80E+03	1.34E-03	2.84E-01	3.28E-02
6.41E-03	4.91E-01	1.35E-01	6.14E-03	1.41E-01	1.79E+03	1.32E-03	2.82E-01	3.23E-02
6.34E-03	4.91E-01	1.35E-01	6.07E-03	1.41E-01	1.78E+03	1.30E-03	2.81E-01	3.19E-02
6.31E-03	4.91E-01	1.35E-01	6.04E-03	1.41E-01	1.77E+03	1.29E-03	2.79E-01	3.16E-02
6.29E-03	4.91E-01	1.35E-01	6.02E-03	1.41E-01	1.76E+03	1.28E-03	2.78E-01	3.14E-02
6.27E-03	4.91E-01	1.35E-01	6.00E-03	1.41E-01	1.76E+03	1.27E-03	2.77E-01	3.11E-02

Emission Rate (g/trip)									
ROG	NOX	CO	SOX	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total
3.51E-01	4.84E+00	4.41E+00	8.24E-03	0.00E+00	7.23E-03	7.23E-03	0.00E+00	6.92E-03	6.92E-03
3.51E-01	6.87E+00	4.66E+00	8.30E-03	0.00E+00	4.49E-03	4.49E-03	0.00E+00	4.30E-03	4.30E-03
3.50E-01	7.02E+00	4.83E+00	8.26E-03	0.00E+00	2.59E-03	2.59E-03	0.00E+00	2.48E-03	2.48E-03
3.51E-01	6.90E+00	5.08E+00	7.96E-03	0.00E+00	2.38E-03	2.38E-03	0.00E+00	2.27E-03	2.27E-03
3.49E-01	7.12E+00	5.07E+00	7.79E-03	0.00E+00	2.25E-03	2.25E-03	0.00E+00	2.16E-03	2.16E-03
3.48E-01	7.08E+00	5.06E+00	7.63E-03	0.00E+00	2.16E-03	2.16E-03	0.00E+00	2.06E-03	2.06E-03
3.46E-01	7.01E+00	5.05E+00	7.47E-03	0.00E+00	2.06E-03	2.06E-03	0.00E+00	1.97E-03	1.97E-03
3.46E-01	6.94E+00	5.05E+00	7.33E-03	0.00E+00	1.99E-03	1.99E-03	0.00E+00	1.90E-03	1.90E-03
3.45E-01	6.85E+00	5.05E+00	7.19E-03	0.00E+00	1.91E-03	1.91E-03	0.00E+00	1.83E-03	1.83E-03
3.45E-01	6.76E+00	5.05E+00	7.06E-03	0.00E+00	1.84E-03	1.84E-03	0.00E+00	1.76E-03	1.76E-03
3.45E-01	6.68E+00	5.05E+00	6.95E-03	0.00E+00	1.77E-03	1.77E-03	0.00E+00	1.70E-03	1.70E-03
3.45E-01	6.61E+00	5.06E+00	6.85E-03	0.00E+00	1.72E-03	1.72E-03	0.00E+00	1.65E-03	1.65E-03
3.45E-01	6.56E+00	5.07E+00	6.76E-03	0.00E+00	1.68E-03	1.68E-03	0.00E+00	1.61E-03	1.61E-03
3.46E-01	6.51E+00	5.08E+00	6.69E-03	0.00E+00	1.65E-03	1.65E-03	0.00E+00	1.58E-03	1.58E-03
3.46E-01	6.46E+00	5.09E+00	6.63E-03	0.00E+00	1.62E-03	1.62E-03	0.00E+00	1.55E-03	1.55E-03
3.47E-01	6.43E+00	5.11E+00	6.58E-03	0.00E+00	1.60E-03	1.60E-03	0.00E+00	1.53E-03	1.53E-03
3.48E-01	6.39E+00	5.13E+00	6.54E-03	0.00E+00	1.59E-03	1.59E-03	0.00E+00	1.52E-03	1.52E-03
3.49E-01	6.36E+00	5.14E+00	6.51E-03	0.00E+00	1.57E-03	1.57E-03	0.00E+00	1.51E-03	1.51E-03
3.50E-01	6.32E+00	5.16E+00	6.49E-03	0.00E+00	1.57E-03	1.57E-03	0.00E+00	1.50E-03	1.50E-03
3.51E-01	6.30E+00	5.18E+00	6.48E-03	0.00E+00	1.56E-03	1.56E-03	0.00E+00	1.49E-03	1.49E-03
3.53E-01	6.27E+00	5.20E+00	6.47E-03	0.00E+00	1.56E-03	1.56E-03	0.00E+00	1.49E-03	1.49E-03
3.54E-01	6.25E+00	5.22E+00	6.47E-03	0.00E+00	1.55E-03	1.55E-03	0.00E+00	1.49E-03	1.49E-03
3.55E-01	6.23E+00	5.24E+00	6.47E-03	0.00E+00	1.55E-03	1.55E-03	0.00E+00	1.49E-03	1.49E-03

3.57E-01	6.21E+00	5.26E+00	6.47E-03	0.00E+00	1.55E-03	1.55E-03	0.00E+00	1.48E-03	1.48E-03
3.58E-01	6.20E+00	5.28E+00	6.48E-03	0.00E+00	1.55E-03	1.55E-03	0.00E+00	1.48E-03	1.48E-03
3.59E-01	6.19E+00	5.30E+00	6.48E-03	0.00E+00	1.55E-03	1.55E-03	0.00E+00	1.48E-03	1.48E-03
3.60E-01	6.18E+00	5.32E+00	6.49E-03	0.00E+00	1.55E-03	1.55E-03	0.00E+00	1.48E-03	1.48E-03
3.61E-01	6.17E+00	5.33E+00	6.50E-03	0.00E+00	1.55E-03	1.55E-03	0.00E+00	1.48E-03	1.48E-03
3.62E-01	6.16E+00	5.35E+00	6.50E-03	0.00E+00	1.55E-03	1.55E-03	0.00E+00	1.48E-03	1.48E-03
3.63E-01	6.16E+00	5.36E+00	6.51E-03	0.00E+00	1.55E-03	1.55E-03	0.00E+00	1.48E-03	1.48E-03
3.64E-01	6.16E+00	5.37E+00	6.52E-03	0.00E+00	1.55E-03	1.55E-03	0.00E+00	1.49E-03	1.49E-03

CO2	CH4	N2O	TOG
8.71E+02	1.63E-02	1.37E-01	3.99E-01
8.77E+02	1.63E-02	1.38E-01	3.99E-01
8.72E+02	1.63E-02	1.37E-01	3.99E-01
8.40E+02	1.63E-02	1.32E-01	3.99E-01
8.22E+02	1.62E-02	1.30E-01	3.97E-01
8.05E+02	1.61E-02	1.27E-01	3.96E-01
7.89E+02	1.61E-02	1.24E-01	3.94E-01
7.74E+02	1.61E-02	1.22E-01	3.93E-01
7.59E+02	1.60E-02	1.20E-01	3.93E-01
7.46E+02	1.60E-02	1.18E-01	3.92E-01
7.34E+02	1.60E-02	1.16E-01	3.92E-01
7.24E+02	1.60E-02	1.14E-01	3.92E-01
7.14E+02	1.60E-02	1.13E-01	3.93E-01
7.07E+02	1.60E-02	1.11E-01	3.93E-01
7.00E+02	1.61E-02	1.10E-01	3.94E-01
6.95E+02	1.61E-02	1.09E-01	3.95E-01
6.90E+02	1.62E-02	1.09E-01	3.96E-01
6.87E+02	1.62E-02	1.08E-01	3.97E-01
6.85E+02	1.63E-02	1.08E-01	3.99E-01
6.84E+02	1.63E-02	1.08E-01	4.00E-01
6.83E+02	1.64E-02	1.08E-01	4.01E-01
6.83E+02	1.64E-02	1.08E-01	4.03E-01
6.83E+02	1.65E-02	1.08E-01	4.04E-01

6.83E+02	1.66E-02	1.08E-01	4.06E-01
6.84E+02	1.66E-02	1.08E-01	4.07E-01
6.84E+02	1.67E-02	1.08E-01	4.09E-01
6.85E+02	1.67E-02	1.08E-01	4.10E-01
6.86E+02	1.68E-02	1.08E-01	4.11E-01
6.87E+02	1.68E-02	1.08E-01	4.12E-01
6.88E+02	1.69E-02	1.08E-01	4.13E-01
6.88E+02	1.69E-02	1.08E-01	4.14E-01

Road Dust Emission Factors

Daily Paved Road Dust EF[1]

$$E_{ext} = [\, k\,(sL)^{0.91} \times (W)^{1.02} \,]$$

EF_{paved}	Annual or other long-term average emission factor in the same units as k
k	particle size multiplier for particle size range and units of interest
sL	road surface silt loading (g/m^2)
W	average weight (tons) of all the vehicles raveling the road (2.4 tons)
P	Number of "wet' days with at least 0.254 (0.01 in) of precipitation during the averaging period
N	Number of days in the averaging period (e.g. 365 for annual, 91 for seasonal, 30 for monthly)

Parameters	**PM10**	**PM2.5**
k $(g/VMT)^2$	0.997898	0.244939
sL (g/m^2)	0.1	0.1
W (tons)	2.4	2.4
EF (g/mi)	3.00E-01	7.36E-02

1) CalEEMod User's Guide, Appendix A, p. 29
2) AP42: Chapter 13: Miscellaneous Sources, 13.2.1 Paved Roads, Table 13.2.1-1

[redacted]

Daily Unpaved Road Dust EF[1]

$$E.F._{\text{dust},i} = \left(\frac{k(s/12)^1 (S/30)^{0.5}}{(M/0.5)^{0.2}} - C \right)$$

k	particle size multiplier for particle size range and units of interest
s	surface material silt content (%)
M	surface material moisture content (%)
S	mean vehicle speed (mph)
C	emission factor for 1980s vehicle fleet exhaust, brakewear and tire wear

Parameters	**PM10**	**PM2.5**
k $(g/VMT)^2$	816.462	81.6462
s[3]	8.5	8.5
M	0.5	0.5
S	10	10
C	0.213187	0.163292
EF (g/mi)	333.6842	33.22645

1) CalEEMod User's Guide, Appendix A, p. 29
2) AP42: Chapter 13: Miscellaneous Sources, 13.2.2 Unpaved Roads, Table 13.2.2-2
3) AP42: Chapter 13: Miscellaneous Sources, 13.2.2 Unpaved Roads, Table 13.2.2-1, "Construction sites"

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/1/2024
** File: C:\Lakes\AERMOD View\Projects\410 Airport_DPM\410 Airport_DPM.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\Projects\410 Airport_DPM\410 Airport_DPM.isc
  MODELOPT DFAULT CONC
  AVERTIME ANNUAL
  URBANOPT 728929 San_Mateo_County_Population,_July_1_2022
  POLLUTID PM_10
  FLAGPOLE 1.50
  RUNORNOT RUN
  ERRORFIL "410 Airport_DPM.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION OFF_DST     AREAPOLY   558214.431  4160593.365       3.470
** DESCRSRC Offroad dust
  LOCATION OFFROAD     AREAPOLY   558214.431  4160593.365       3.470
** DESCRSRC Offroad
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = ONROAD
** DESCRSRC Haul Truck and Vendor Truck
** PREFIX
** Length of Side = 27.95
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 26
** 558365.624, 4160652.004, 3.98, 3.40, 0.00
** 558365.624, 4160638.458, 4.07, 3.40, 13.00
```

** 558420.485, 4160639.813, 4.01, 3.40, 13.00
** 558482.119, 4160639.813, 4.29, 3.40, 13.00
** 558519.371, 4160634.394, 3.52, 3.40, 13.00
** 558551.881, 4160616.107, 4.74, 3.40, 13.00
** 558569.491, 4160591.724, 5.89, 3.40, 13.00
** 558578.973, 4160565.987, 3.19, 3.40, 13.00
** 558590.487, 4160513.158, 2.25, 3.40, 13.00
** 558600.646, 4160482.002, 2.11, 3.40, 13.00
** 558612.160, 4160463.715, 2.38, 3.40, 13.00
** 558632.479, 4160446.783, 2.43, 3.40, 13.00
** 558660.249, 4160437.978, 2.24, 3.40, 13.00
** 558704.273, 4160433.914, 1.90, 3.40, 13.00
** 558729.333, 4160423.755, 2.00, 3.40, 13.00
** 558739.492, 4160404.790, 2.35, 3.40, 13.00
** 558740.847, 4160360.089, 3.06, 3.40, 13.00
** 558741.524, 4160288.295, 3.67, 3.40, 13.00
** 558743.556, 4160260.526, 3.77, 3.40, 13.00
** 558745.588, 4160239.530, 3.76, 3.40, 13.00
** 558751.684, 4160227.338, 3.84, 3.40, 13.00
** 558759.811, 4160218.533, 3.79, 3.40, 13.00
** 558817.382, 4160211.083, 3.14, 3.40, 13.00
** 558891.884, 4160200.246, 2.73, 3.40, 13.00
** 558927.781, 4160192.796, 2.67, 3.40, 13.00
** 558974.515, 4160183.314, 2.51, 3.40, 13.00
** ----------
LOCATION L0000001 VOLUME 558366.051 4160638.468 4.07
LOCATION L0000002 VOLUME 558393.988 4160639.158 4.45
LOCATION L0000003 VOLUME 558421.925 4160639.813 4.52
LOCATION L0000004 VOLUME 558449.871 4160639.813 4.46
LOCATION L0000005 VOLUME 558477.817 4160639.813 4.30
LOCATION L0000006 VOLUME 558505.516 4160636.409 3.90
LOCATION L0000007 VOLUME 558531.525 4160627.557 3.37
LOCATION L0000008 VOLUME 558554.568 4160612.386 5.39
LOCATION L0000009 VOLUME 558570.341 4160589.417 5.87
LOCATION L0000010 VOLUME 558579.607 4160563.079 2.71
LOCATION L0000011 VOLUME 558585.558 4160535.775 2.22
LOCATION L0000012 VOLUME 558591.974 4160508.596 2.22
LOCATION L0000013 VOLUME 558600.638 4160482.028 2.11
LOCATION L0000014 VOLUME 558617.007 4160459.676 2.36
LOCATION L0000015 VOLUME 558639.919 4160444.424 2.39
LOCATION L0000016 VOLUME 558666.840 4160437.369 2.16
LOCATION L0000017 VOLUME 558694.667 4160434.801 1.89
LOCATION L0000018 VOLUME 558721.231 4160427.039 1.87
LOCATION L0000019 VOLUME 558738.401 4160406.827 2.25
LOCATION L0000020 VOLUME 558740.269 4160379.167 2.90
LOCATION L0000021 VOLUME 558740.931 4160351.231 3.12
LOCATION L0000022 VOLUME 558741.194 4160323.287 3.19
LOCATION L0000023 VOLUME 558741.458 4160295.342 3.67
LOCATION L0000024 VOLUME 558743.049 4160267.453 3.72
LOCATION L0000025 VOLUME 558745.579 4160239.623 3.79
LOCATION L0000026 VOLUME 558762.031 4160218.246 3.64
LOCATION L0000027 VOLUME 558789.746 4160214.659 3.29
LOCATION L0000028 VOLUME 558817.460 4160211.072 3.10
LOCATION L0000029 VOLUME 558845.115 4160207.049 2.77

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   LOCATION L0000030     VOLUME   558872.769 4160203.027 2.80
   LOCATION L0000031     VOLUME   558900.334 4160198.493 2.60
   LOCATION L0000032     VOLUME   558927.696 4160192.814 2.51
   LOCATION L0000033     VOLUME   558955.084 4160187.256 2.23
** End of LINE VOLUME Source ID = ONROAD
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = ONROAD_W
** DESCRSRC worker trips (PM2.5 only)
** PREFIX
** Length of Side = 27.95
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 2.60
** SZINIT = 1.21
** Nodes = 46
** 558365.630, 4160652.270, 3.98, 1.30, 0.00
** 558365.944, 4160638.307, 4.07, 1.30, 13.00
** 558394.029, 4160639.405, 4.45, 1.30, 13.00
** 558450.041, 4160639.876, 4.41, 1.30, 13.00
** 558477.969, 4160639.876, 4.31, 1.30, 13.00
** 558481.578, 4160639.876, 4.29, 1.30, 13.00
** 558505.897, 4160636.424, 3.69, 1.30, 13.00
** 558519.233, 4160634.541, 3.52, 1.30, 13.00
** 558531.628, 4160627.638, 3.33, 1.30, 13.00
** 558551.711, 4160616.341, 4.71, 1.30, 13.00
** 558555.006, 4160612.262, 5.71, 1.30, 13.00
** 558563.635, 4160600.024, 5.99, 1.30, 13.00
** 558569.911, 4160591.080, 5.88, 1.30, 13.00
** 558570.225, 4160589.511, 5.74, 1.30, 13.00
** 558579.639, 4160563.309, 3.37, 1.30, 13.00
** 558585.601, 4160535.695, 2.19, 1.30, 13.00
** 558591.877, 4160508.552, 2.22, 1.30, 13.00
** 558600.663, 4160482.036, 2.11, 1.30, 13.00
** 558616.981, 4160459.600, 2.33, 1.30, 13.00
** 558632.827, 4160446.891, 2.43, 1.30, 13.00
** 558639.888, 4160444.381, 2.39, 1.30, 13.00
** 558659.814, 4160437.948, 2.26, 1.30, 13.00
** 558666.874, 4160437.477, 2.17, 1.30, 13.00
** 558689.781, 4160435.438, 1.99, 1.30, 13.00
** 558695.116, 4160434.810, 1.81, 1.30, 13.00
** 558704.530, 4160434.026, 1.90, 1.30, 13.00
** 558721.474, 4160426.965, 1.87, 1.30, 13.00
** 558729.633, 4160423.827, 2.01, 1.30, 13.00
** 558738.419, 4160406.882, 2.37, 1.30, 13.00
** 558740.145, 4160379.268, 2.90, 1.30, 13.00
** 558741.087, 4160351.498, 3.07, 1.30, 13.00
** 558741.244, 4160323.413, 3.22, 1.30, 13.00
** 558741.557, 4160295.014, 3.66, 1.30, 13.00
** 558742.969, 4160267.400, 3.76, 1.30, 13.00
** 558745.480, 4160239.159, 3.77, 1.30, 13.00
** 558751.442, 4160227.548, 3.84, 1.30, 13.00
** 558760.071, 4160218.762, 3.75, 1.30, 13.00
** 558762.582, 4160218.134, 3.74, 1.30, 13.00
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** 558789.725, 4160214.683, 3.36, 1.30, 13.00
** 558817.496, 4160211.074, 3.14, 1.30, 13.00
** 558845.110, 4160206.995, 2.88, 1.30, 13.00
** 558872.881, 4160202.915, 2.92, 1.30, 13.00
** 558900.495, 4160198.365, 2.78, 1.30, 13.00
** 558928.109, 4160192.717, 2.68, 1.30, 13.00
** 558955.095, 4160187.226, 2.50, 1.30, 13.00
** 558974.394, 4160183.460, 2.51, 1.30, 13.00
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  LOCATION L0000034    VOLUME   558365.950 4160638.307 4.06
  LOCATION L0000035    VOLUME   558393.874 4160639.399 4.45
  LOCATION L0000036    VOLUME   558421.818 4160639.638 4.49
  LOCATION L0000037    VOLUME   558449.763 4160639.873 4.46
  LOCATION L0000038    VOLUME   558477.709 4160639.876 4.30
  LOCATION L0000039    VOLUME   558505.415 4160636.492 3.90
  LOCATION L0000040    VOLUME   558531.456 4160627.734 3.37
  LOCATION L0000041    VOLUME   558554.668 4160612.680 5.31
  LOCATION L0000042    VOLUME   558570.207 4160589.602 5.88
  LOCATION L0000043    VOLUME   558579.641 4160563.298 2.70
  LOCATION L0000044    VOLUME   558585.539 4160535.982 2.22
  LOCATION L0000045    VOLUME   558591.830 4160508.753 2.22
  LOCATION L0000046    VOLUME   558600.602 4160482.221 2.11
  LOCATION L0000047    VOLUME   558616.987 4160459.595 2.36
  LOCATION L0000048    VOLUME   558640.028 4160444.336 2.38
  LOCATION L0000049    VOLUME   558666.952 4160437.471 2.16
  LOCATION L0000050    VOLUME   558694.773 4160434.851 1.88
  LOCATION L0000051    VOLUME   558721.287 4160427.043 1.87
  LOCATION L0000052    VOLUME   558738.380 4160406.959 2.25
  LOCATION L0000053    VOLUME   558740.152 4160379.077 2.91
  LOCATION L0000054    VOLUME   558741.089 4160351.147 3.12
  LOCATION L0000055    VOLUME   558741.246 4160323.202 3.19
  LOCATION L0000056    VOLUME   558741.555 4160295.258 3.67
  LOCATION L0000057    VOLUME   558742.974 4160267.349 3.72
  LOCATION L0000058    VOLUME   558745.448 4160239.513 3.80
  LOCATION L0000059    VOLUME   558762.228 4160218.223 3.64
  LOCATION L0000060    VOLUME   558789.942 4160214.655 3.29
  LOCATION L0000061    VOLUME   558817.654 4160211.051 3.10
  LOCATION L0000062    VOLUME   558845.300 4160206.967 2.76
  LOCATION L0000063    VOLUME   558872.949 4160202.904 2.81
  LOCATION L0000064    VOLUME   558900.522 4160198.360 2.59
  LOCATION L0000065    VOLUME   558927.901 4160192.760 2.51
  LOCATION L0000066    VOLUME   558955.286 4160187.188 2.22
** End of LINE VOLUME Source ID = ONROAD_W
** Source Parameters **
  SRCPARAM OFF_DST     0.0000266598     0.000        18     2.150
  AREAVERT OFF_DST     558214.431 4160593.365 558259.048 4160626.468
  AREAVERT OFF_DST     558307.023 4160648.057 558324.774 4160650.936
  AREAVERT OFF_DST     558360.276 4160652.375 558400.575 4160651.415
  AREAVERT OFF_DST     558407.673 4160651.904 558405.373 4160750.245
  AREAVERT OFF_DST     558398.656 4160760.800 558202.920 4160758.970
  AREAVERT OFF_DST     558098.330 4160757.921 558097.850 4160675.403
  AREAVERT OFF_DST     558098.330 4160670.126 558103.127 4160666.768
  AREAVERT OFF_DST     558122.109 4160659.169 558131.913 4160654.774
  AREAVERT OFF_DST     558166.455 4160632.705 558189.963 4160614.954
```

```
  SRCPARAM OFFROAD     0.0000266598     5.000       18     2.150
  AREAVERT OFFROAD     558214.431 4160593.365 558259.048 4160626.468
  AREAVERT OFFROAD     558307.023 4160648.057 558324.774 4160650.936
  AREAVERT OFFROAD     558360.276 4160652.375 558400.575 4160651.415
  AREAVERT OFFROAD     558407.673 4160651.904 558405.373 4160750.245
  AREAVERT OFFROAD     558398.656 4160760.800 558202.920 4160758.970
  AREAVERT OFFROAD     558098.330 4160757.921 558097.850 4160675.403
  AREAVERT OFFROAD     558098.330 4160670.126 558103.127 4160666.768
  AREAVERT OFFROAD     558122.109 4160659.169 558131.913 4160654.774
  AREAVERT OFFROAD     558166.455 4160632.705 558189.963 4160614.954
** LINE VOLUME Source ID = ONROAD
  SRCPARAM L0000001    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000002    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000003    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000004    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000005    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000006    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000007    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000008    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000009    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000010    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000011    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000012    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000013    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000014    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000015    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000016    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000017    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000018    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000019    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000020    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000021    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000022    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000023    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000024    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000025    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000026    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000027    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000028    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000029    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000030    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000031    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000032    0.0303030303    3.40    13.00    3.16
  SRCPARAM L0000033    0.0303030303    3.40    13.00    3.16
** ----------------------------------------------------------------
** LINE VOLUME Source ID = ONROAD_W
  SRCPARAM L0000034    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000035    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000036    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000037    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000038    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000039    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000040    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000041    0.0303030303    1.30    13.00    1.21
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  SRCPARAM L0000042    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000043    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000044    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000045    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000046    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000047    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000048    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000049    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000050    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000051    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000052    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000053    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000054    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000055    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000056    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000057    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000058    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000059    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000060    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000061    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000062    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000063    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000064    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000065    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000066    0.0303030303    1.30    13.00    1.21
** --------------------------------------------------------------------
  URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "CSTN"
** WeekDays:
  EMISFACT OFF_DST     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT OFF_DST     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT OFF_DST     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
  EMISFACT OFF_DST     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT OFF_DST     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT OFF_DST     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT OFF_DST     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT OFF_DST     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT OFF_DST     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT OFF_DST     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT OFF_DST     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT OFF_DST     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT OFFROAD     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT OFFROAD     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT OFFROAD     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
  EMISFACT OFFROAD     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT OFFROAD     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT OFFROAD     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT OFFROAD     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

```
  EMISFACT OFFROAD     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT OFFROAD     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT OFFROAD     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT OFFROAD     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT OFFROAD     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT L0000001    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT L0000001    HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT L0000001    HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
  EMISFACT L0000001    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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  SRCGROUP ONROAD_W L0000034 L0000035 L0000036 L0000037 L0000038 L0000039
  SRCGROUP ONROAD_W L0000040 L0000041 L0000042 L0000043 L0000044 L0000045
  SRCGROUP ONROAD_W L0000046 L0000047 L0000048 L0000049 L0000050 L0000051
  SRCGROUP ONROAD_W L0000052 L0000053 L0000054 L0000055 L0000056 L0000057
  SRCGROUP ONROAD_W L0000058 L0000059 L0000060 L0000061 L0000062 L0000063
  SRCGROUP ONROAD_W L0000064 L0000065 L0000066
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
  INCLUDED "410 Airport_DPM.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
  SURFFILE "410 Airport_DPM.SFC"
  PROFFILE "410 Airport_DPM.PFL"
  SURFDATA 23234 2013
  UAIRDATA 23234 2013
  PROFBASE 2.4 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
  PLOTFILE ANNUAL OFFROAD "410 Airport_DPM.AD\AN00G001.PLT" 31
  PLOTFILE ANNUAL OFF_DST "410 Airport_DPM.AD\AN00G002.PLT" 32
  PLOTFILE ANNUAL ONROAD "410 Airport_DPM.AD\AN00G003.PLT" 33
  PLOTFILE ANNUAL ONROAD_W "410 Airport_DPM.AD\AN00G004.PLT" 34
  SUMMFILE "410 Airport_DPM.sum"
OU FINISHED
**
**************************************
** Project Parameters
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** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    North American Datum 1983
** DTMRGN   CONUS
** UNITS    m
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** ZONE 10
** ZONEINX 0
**

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** Lakes Environmental AERMOD MPI
**
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**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/1/2024
** File: C:\Lakes\AERMOD View\Projects\410 Airport_DPM\410 Airport_DPM.ADI
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**
**
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** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Projects\410 Airport_DPM\410 Airport_DPM.isc
   MODELOPT DFAULT CONC
   AVERTIME ANNUAL
   URBANOPT 728929 San_Mateo_County_Population,_July_1_2022
   POLLUTID PM_10
   FLAGPOLE 1.50
   RUNORNOT RUN
   ERRORFIL "410 Airport_DPM.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION OFF_DST      AREAPOLY   558214.431  4160593.365        3.470
** DESCRSRC Offroad dust
   LOCATION OFFROAD      AREAPOLY   558214.431  4160593.365        3.470
** DESCRSRC Offroad
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = ONROAD
** DESCRSRC Haul Truck and Vendor Truck
** PREFIX
** Length of Side = 27.95
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 26
** 558365.624, 4160652.004, 3.98, 3.40, 0.00
** 558365.624, 4160638.458, 4.07, 3.40, 13.00
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** 558420.485, 4160639.813, 4.01, 3.40, 13.00
** 558482.119, 4160639.813, 4.29, 3.40, 13.00
** 558519.371, 4160634.394, 3.52, 3.40, 13.00
** 558551.881, 4160616.107, 4.74, 3.40, 13.00
** 558569.491, 4160591.724, 5.89, 3.40, 13.00
** 558578.973, 4160565.987, 3.19, 3.40, 13.00
** 558590.487, 4160513.158, 2.25, 3.40, 13.00
** 558600.646, 4160482.002, 2.11, 3.40, 13.00
** 558612.160, 4160463.715, 2.38, 3.40, 13.00
** 558632.479, 4160446.783, 2.43, 3.40, 13.00
** 558660.249, 4160437.978, 2.24, 3.40, 13.00
** 558704.273, 4160433.914, 1.90, 3.40, 13.00
** 558729.333, 4160423.755, 2.00, 3.40, 13.00
** 558739.492, 4160404.790, 2.35, 3.40, 13.00
** 558740.847, 4160360.089, 3.06, 3.40, 13.00
** 558741.524, 4160288.295, 3.67, 3.40, 13.00
** 558743.556, 4160260.526, 3.77, 3.40, 13.00
** 558745.588, 4160239.530, 3.76, 3.40, 13.00
** 558751.684, 4160227.338, 3.84, 3.40, 13.00
** 558759.811, 4160218.533, 3.79, 3.40, 13.00
** 558817.382, 4160211.083, 3.14, 3.40, 13.00
** 558891.884, 4160200.246, 2.73, 3.40, 13.00
** 558927.781, 4160192.796, 2.67, 3.40, 13.00
** 558974.515, 4160183.314, 2.51, 3.40, 13.00
** ----------
LOCATION L0000001 VOLUME 558366.051 4160638.468 4.07
LOCATION L0000002 VOLUME 558393.988 4160639.158 4.45
LOCATION L0000003 VOLUME 558421.925 4160639.813 4.52
LOCATION L0000004 VOLUME 558449.871 4160639.813 4.46
LOCATION L0000005 VOLUME 558477.817 4160639.813 4.30
LOCATION L0000006 VOLUME 558505.516 4160636.409 3.90
LOCATION L0000007 VOLUME 558531.525 4160627.557 3.37
LOCATION L0000008 VOLUME 558554.568 4160612.386 5.39
LOCATION L0000009 VOLUME 558570.341 4160589.417 5.87
LOCATION L0000010 VOLUME 558579.607 4160563.079 2.71
LOCATION L0000011 VOLUME 558585.558 4160535.775 2.22
LOCATION L0000012 VOLUME 558591.974 4160508.596 2.22
LOCATION L0000013 VOLUME 558600.638 4160482.028 2.11
LOCATION L0000014 VOLUME 558617.007 4160459.676 2.36
LOCATION L0000015 VOLUME 558639.919 4160444.424 2.39
LOCATION L0000016 VOLUME 558666.840 4160437.369 2.16
LOCATION L0000017 VOLUME 558694.667 4160434.801 1.89
LOCATION L0000018 VOLUME 558721.231 4160427.039 1.87
LOCATION L0000019 VOLUME 558738.401 4160406.827 2.25
LOCATION L0000020 VOLUME 558740.269 4160379.167 2.90
LOCATION L0000021 VOLUME 558740.931 4160351.231 3.12
LOCATION L0000022 VOLUME 558741.194 4160323.287 3.19
LOCATION L0000023 VOLUME 558741.458 4160295.342 3.67
LOCATION L0000024 VOLUME 558743.049 4160267.453 3.72
LOCATION L0000025 VOLUME 558745.579 4160239.623 3.79
LOCATION L0000026 VOLUME 558762.031 4160218.246 3.64
LOCATION L0000027 VOLUME 558789.746 4160214.659 3.29
LOCATION L0000028 VOLUME 558817.460 4160211.072 3.10
LOCATION L0000029 VOLUME 558845.115 4160207.049 2.77

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   LOCATION L0000030     VOLUME   558872.769 4160203.027 2.80
   LOCATION L0000031     VOLUME   558900.334 4160198.493 2.60
   LOCATION L0000032     VOLUME   558927.696 4160192.814 2.51
   LOCATION L0000033     VOLUME   558955.084 4160187.256 2.23
** End of LINE VOLUME Source ID = ONROAD
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = ONROAD_W
** DESCRSRC worker trips (PM2.5 only)
** PREFIX
** Length of Side = 27.95
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 2.60
** SZINIT = 1.21
** Nodes = 46
** 558365.630, 4160652.270, 3.98, 1.30, 0.00
** 558365.944, 4160638.307, 4.07, 1.30, 13.00
** 558394.029, 4160639.405, 4.45, 1.30, 13.00
** 558450.041, 4160639.876, 4.41, 1.30, 13.00
** 558477.969, 4160639.876, 4.31, 1.30, 13.00
** 558481.578, 4160639.876, 4.29, 1.30, 13.00
** 558505.897, 4160636.424, 3.69, 1.30, 13.00
** 558519.233, 4160634.541, 3.52, 1.30, 13.00
** 558531.628, 4160627.638, 3.33, 1.30, 13.00
** 558551.711, 4160616.341, 4.71, 1.30, 13.00
** 558555.006, 4160612.262, 5.71, 1.30, 13.00
** 558563.635, 4160600.024, 5.99, 1.30, 13.00
** 558569.911, 4160591.080, 5.88, 1.30, 13.00
** 558570.225, 4160589.511, 5.74, 1.30, 13.00
** 558579.639, 4160563.309, 3.37, 1.30, 13.00
** 558585.601, 4160535.695, 2.19, 1.30, 13.00
** 558591.877, 4160508.552, 2.22, 1.30, 13.00
** 558600.663, 4160482.036, 2.11, 1.30, 13.00
** 558616.981, 4160459.600, 2.33, 1.30, 13.00
** 558632.827, 4160446.891, 2.43, 1.30, 13.00
** 558639.888, 4160444.381, 2.39, 1.30, 13.00
** 558659.814, 4160437.948, 2.26, 1.30, 13.00
** 558666.874, 4160437.477, 2.17, 1.30, 13.00
** 558689.781, 4160435.438, 1.99, 1.30, 13.00
** 558695.116, 4160434.810, 1.81, 1.30, 13.00
** 558704.530, 4160434.026, 1.90, 1.30, 13.00
** 558721.474, 4160426.965, 1.87, 1.30, 13.00
** 558729.633, 4160423.827, 2.01, 1.30, 13.00
** 558738.419, 4160406.882, 2.37, 1.30, 13.00
** 558740.145, 4160379.268, 2.90, 1.30, 13.00
** 558741.087, 4160351.498, 3.07, 1.30, 13.00
** 558741.244, 4160323.413, 3.22, 1.30, 13.00
** 558741.557, 4160295.014, 3.66, 1.30, 13.00
** 558742.969, 4160267.400, 3.76, 1.30, 13.00
** 558745.480, 4160239.159, 3.77, 1.30, 13.00
** 558751.442, 4160227.548, 3.84, 1.30, 13.00
** 558760.071, 4160218.762, 3.75, 1.30, 13.00
** 558762.582, 4160218.134, 3.74, 1.30, 13.00
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** 558789.725, 4160214.683, 3.36, 1.30, 13.00
** 558817.496, 4160211.074, 3.14, 1.30, 13.00
** 558845.110, 4160206.995, 2.88, 1.30, 13.00
** 558872.881, 4160202.915, 2.92, 1.30, 13.00
** 558900.495, 4160198.365, 2.78, 1.30, 13.00
** 558928.109, 4160192.717, 2.68, 1.30, 13.00
** 558955.095, 4160187.226, 2.50, 1.30, 13.00
** 558974.394, 4160183.460, 2.51, 1.30, 13.00
** ----------------------------------------------------------------
  LOCATION L0000034    VOLUME   558365.950 4160638.307 4.06
  LOCATION L0000035    VOLUME   558393.874 4160639.399 4.45
  LOCATION L0000036    VOLUME   558421.818 4160639.638 4.49
  LOCATION L0000037    VOLUME   558449.763 4160639.873 4.46
  LOCATION L0000038    VOLUME   558477.709 4160639.876 4.30
  LOCATION L0000039    VOLUME   558505.415 4160636.492 3.90
  LOCATION L0000040    VOLUME   558531.456 4160627.734 3.37
  LOCATION L0000041    VOLUME   558554.668 4160612.680 5.31
  LOCATION L0000042    VOLUME   558570.207 4160589.602 5.88
  LOCATION L0000043    VOLUME   558579.641 4160563.298 2.70
  LOCATION L0000044    VOLUME   558585.539 4160535.982 2.22
  LOCATION L0000045    VOLUME   558591.830 4160508.753 2.22
  LOCATION L0000046    VOLUME   558600.602 4160482.221 2.11
  LOCATION L0000047    VOLUME   558616.987 4160459.595 2.36
  LOCATION L0000048    VOLUME   558640.028 4160444.336 2.38
  LOCATION L0000049    VOLUME   558666.952 4160437.471 2.16
  LOCATION L0000050    VOLUME   558694.773 4160434.851 1.88
  LOCATION L0000051    VOLUME   558721.287 4160427.043 1.87
  LOCATION L0000052    VOLUME   558738.380 4160406.959 2.25
  LOCATION L0000053    VOLUME   558740.152 4160379.077 2.91
  LOCATION L0000054    VOLUME   558741.089 4160351.147 3.12
  LOCATION L0000055    VOLUME   558741.246 4160323.202 3.19
  LOCATION L0000056    VOLUME   558741.555 4160295.258 3.67
  LOCATION L0000057    VOLUME   558742.974 4160267.349 3.72
  LOCATION L0000058    VOLUME   558745.448 4160239.513 3.80
  LOCATION L0000059    VOLUME   558762.228 4160218.223 3.64
  LOCATION L0000060    VOLUME   558789.942 4160214.655 3.29
  LOCATION L0000061    VOLUME   558817.654 4160211.051 3.10
  LOCATION L0000062    VOLUME   558845.300 4160206.967 2.76
  LOCATION L0000063    VOLUME   558872.949 4160202.904 2.81
  LOCATION L0000064    VOLUME   558900.522 4160198.360 2.59
  LOCATION L0000065    VOLUME   558927.901 4160192.760 2.51
  LOCATION L0000066    VOLUME   558955.286 4160187.188 2.22
** End of LINE VOLUME Source ID = ONROAD_W
** Source Parameters **
  SRCPARAM OFF_DST     0.0000266598     0.000        18     2.150
  AREAVERT OFF_DST     558214.431 4160593.365 558259.048 4160626.468
  AREAVERT OFF_DST     558307.023 4160648.057 558324.774 4160650.936
  AREAVERT OFF_DST     558360.276 4160652.375 558400.575 4160651.415
  AREAVERT OFF_DST     558407.673 4160651.904 558405.373 4160750.245
  AREAVERT OFF_DST     558398.656 4160760.800 558202.920 4160758.970
  AREAVERT OFF_DST     558098.330 4160757.921 558097.850 4160675.403
  AREAVERT OFF_DST     558098.330 4160670.126 558103.127 4160666.768
  AREAVERT OFF_DST     558122.109 4160659.169 558131.913 4160654.774
  AREAVERT OFF_DST     558166.455 4160632.705 558189.963 4160614.954
```

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  SRCPARAM OFFROAD     0.0000266598     5.000       18     2.150
  AREAVERT OFFROAD     558214.431 4160593.365 558259.048 4160626.468
  AREAVERT OFFROAD     558307.023 4160648.057 558324.774 4160650.936
  AREAVERT OFFROAD     558360.276 4160652.375 558400.575 4160651.415
  AREAVERT OFFROAD     558407.673 4160651.904 558405.373 4160750.245
  AREAVERT OFFROAD     558398.656 4160760.800 558202.920 4160758.970
  AREAVERT OFFROAD     558098.330 4160757.921 558097.850 4160675.403
  AREAVERT OFFROAD     558098.330 4160670.126 558103.127 4160666.768
  AREAVERT OFFROAD     558122.109 4160659.169 558131.913 4160654.774
  AREAVERT OFFROAD     558166.455 4160632.705 558189.963 4160614.954
** LINE VOLUME Source ID = ONROAD
  SRCPARAM L0000001    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000002    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000003    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000004    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000005    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000006    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000007    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000008    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000009    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000010    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000011    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000012    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000013    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000014    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000015    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000016    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000017    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000018    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000019    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000020    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000021    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000022    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000023    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000024    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000025    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000026    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000027    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000028    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000029    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000030    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000031    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000032    0.0303030303     3.40     13.00     3.16
  SRCPARAM L0000033    0.0303030303     3.40     13.00     3.16
** ------------------------------------------------------------------
** LINE VOLUME Source ID = ONROAD_W
  SRCPARAM L0000034    0.0303030303     1.30     13.00     1.21
  SRCPARAM L0000035    0.0303030303     1.30     13.00     1.21
  SRCPARAM L0000036    0.0303030303     1.30     13.00     1.21
  SRCPARAM L0000037    0.0303030303     1.30     13.00     1.21
  SRCPARAM L0000038    0.0303030303     1.30     13.00     1.21
  SRCPARAM L0000039    0.0303030303     1.30     13.00     1.21
  SRCPARAM L0000040    0.0303030303     1.30     13.00     1.21
  SRCPARAM L0000041    0.0303030303     1.30     13.00     1.21
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  SRCPARAM L0000042    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000043    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000044    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000045    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000046    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000047    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000048    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000049    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000050    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000051    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000052    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000053    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000054    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000055    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000056    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000057    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000058    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000059    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000060    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000061    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000062    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000063    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000064    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000065    0.0303030303    1.30    13.00    1.21
  SRCPARAM L0000066    0.0303030303    1.30    13.00    1.21
** ------------------------------------------------------------------
  URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "CSTN"
** WeekDays:
  EMISFACT OFF_DST     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT OFF_DST     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT OFF_DST     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
  EMISFACT OFF_DST     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT OFF_DST     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT OFF_DST     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT OFF_DST     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT OFF_DST     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT OFF_DST     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT OFF_DST     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT OFF_DST     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT OFF_DST     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT OFFROAD     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT OFFROAD     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT OFFROAD     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
  EMISFACT OFFROAD     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT OFFROAD     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT OFFROAD     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT OFFROAD     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

```
  EMISFACT OFFROAD     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT OFFROAD     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT OFFROAD     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
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** Sunday:
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EMISFACT L0000013 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

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EMISFACT L0000027    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
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  EMISFACT L0000065    HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
  EMISFACT L0000065    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT L0000066    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT L0000066    HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT L0000066    HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
  EMISFACT L0000066    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT L0000034    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000034    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000037    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
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  EMISFACT L0000041    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000063    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP OFFROAD  OFFROAD
SRCGROUP OFF_DST  OFF_DST
SRCGROUP ONROAD   L0000001 L0000002 L0000003 L0000004 L0000005 L0000006
SRCGROUP ONROAD   L0000007 L0000008 L0000009 L0000010 L0000011 L0000012
SRCGROUP ONROAD   L0000013 L0000014 L0000015 L0000016 L0000017 L0000018
SRCGROUP ONROAD   L0000019 L0000020 L0000021 L0000022 L0000023 L0000024
```

```
   SRCGROUP ONROAD   L0000025 L0000026 L0000027 L0000028 L0000029 L0000030
   SRCGROUP ONROAD   L0000031 L0000032 L0000033
   SRCGROUP ONROAD_W L0000034 L0000035 L0000036 L0000037 L0000038 L0000039
   SRCGROUP ONROAD_W L0000040 L0000041 L0000042 L0000043 L0000044 L0000045
   SRCGROUP ONROAD_W L0000046 L0000047 L0000048 L0000049 L0000050 L0000051
   SRCGROUP ONROAD_W L0000052 L0000053 L0000054 L0000055 L0000056 L0000057
   SRCGROUP ONROAD_W L0000058 L0000059 L0000060 L0000061 L0000062 L0000063
   SRCGROUP ONROAD_W L0000064 L0000065 L0000066
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "410 Airport_DPM.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "410 Airport_DPM.SFC"
   PROFFILE "410 Airport_DPM.PFL"
   SURFDATA 23234 2013
   UAIRDATA 23234 2013
   PROFBASE 2.4 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE ANNUAL OFFROAD "410 Airport_DPM.AD\AN00G001.PLT" 31
   PLOTFILE ANNUAL OFF_DST "410 Airport_DPM.AD\AN00G002.PLT" 32
   PLOTFILE ANNUAL ONROAD "410 Airport_DPM.AD\AN00G003.PLT" 33
   PLOTFILE ANNUAL ONROAD_W "410 Airport_DPM.AD\AN00G004.PLT" 34
   SUMMFILE "410 Airport_DPM.sum"
OU FINISHED


   *** Message Summary For AERMOD Model Setup ***

   --------- Summary of Total Messages --------

  A Total of         0 Fatal Error Message(s)
  A Total of         3 Warning Message(s)
  A Total of         0 Informational Message(s)
```

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 1164 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1164 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
ME W530 1164 MEOPEN: CAUTION! Met Station ID Mismatch with SURFFILE for UAIRDATA

****
*** SETUP Finishes Successfully ***
****

*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\Projects\410 Airport_DPM\410 Airport_DPM.isc *** 05/01/24
*** AERMET - VERSION 18081 *** *** *** 08:36:17
PAGE 1
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:
* Model Uses Regulatory DEFAULT Options
* Model Is Setup For Calculation of Average CONCentration Values.
* NO GAS DEPOSITION Data Provided.
* NO PARTICLE DEPOSITION Data Provided.
* Model Uses NO DRY DEPLETION. DDPLETE = F
* Model Uses NO WET DEPLETION. WETDPLT = F
* Stack-tip Downwash.
* Model Accounts for ELEVated Terrain Effects.
* Use Calms Processing Routine.
* Use Missing Data Processing Routine.
* No Exponential Decay.
* Model Uses URBAN Dispersion Algorithm for the SBL for 68 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 728929.0 ; Urban Roughness Length = 1.000 m
* Urban Roughness Length of 1.0 Meter Used.
* ADJ_U* - Use ADJ_U* option for SBL in AERMET
* CCVR_Sub - Meteorological data includes CCVR substitutions
* TEMP_Sub - Meteorological data includes TEMP substitutions
* Model Accepts FLAGPOLE Receptor . Heights.
* The User Specified a Pollutant Type of: PM_10

**Model Calculates ANNUAL Averages Only

**This Run Includes: 68 Source(s); 4 Source Group(s); and 1075 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 66 VOLUME source(s)
and: 2 AREA type source(s)

and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 18081

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 2.40 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.8 MB of RAM.

**Input Runstream File: aermod.inp
**Output Print File: aermod.out

**Detailed Error/Message File: 410 Airport_DPM.err
**File for Summary of Results: 410 Airport_DPM.sum
*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\Projects\410 Airport_DPM\410 Airport_DPM.isc *** 05/01/24
*** AERMET - VERSION 18081 *** *** *** 08:36:17
PAGE 2
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	BASE X (METERS)	Y (METERS)	ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000001	0	0.30303E-01	558366.1	4160638.5	4.1	3.40	13.00	3.16	YES	HRDOW
L0000002	0	0.30303E-01	558394.0	4160639.2	4.5	3.40	13.00	3.16	YES	HRDOW
L0000003	0	0.30303E-01	558421.9	4160639.8	4.5	3.40	13.00	3.16	YES	HRDOW
L0000004	0	0.30303E-01	558449.9	4160639.8	4.5	3.40	13.00	3.16	YES	HRDOW
L0000005	0	0.30303E-01	558477.8	4160639.8	4.3	3.40	13.00	3.16	YES	HRDOW
L0000006	0	0.30303E-01	558505.5	4160636.4	3.9	3.40	13.00	3.16	YES	HRDOW
L0000007	0	0.30303E-01	558531.5	4160627.6	3.4	3.40	13.00	3.16	YES	HRDOW
L0000008	0	0.30303E-01	558554.6	4160612.4	5.4	3.40	13.00	3.16	YES	HRDOW
L0000009	0	0.30303E-01	558570.3	4160589.4	5.9	3.40	13.00	3.16	YES	HRDOW

L0000010	0	0.30303E-01	558579.6	4160563.1	2.7	3.40	13.00	3.16	YES	HRDOW
L0000011	0	0.30303E-01	558585.6	4160535.8	2.2	3.40	13.00	3.16	YES	HRDOW
L0000012	0	0.30303E-01	558592.0	4160508.6	2.2	3.40	13.00	3.16	YES	HRDOW
L0000013	0	0.30303E-01	558600.6	4160482.0	2.1	3.40	13.00	3.16	YES	HRDOW
L0000014	0	0.30303E-01	558617.0	4160459.7	2.4	3.40	13.00	3.16	YES	HRDOW
L0000015	0	0.30303E-01	558639.9	4160444.4	2.4	3.40	13.00	3.16	YES	HRDOW
L0000016	0	0.30303E-01	558666.8	4160437.4	2.2	3.40	13.00	3.16	YES	HRDOW
L0000017	0	0.30303E-01	558694.7	4160434.8	1.9	3.40	13.00	3.16	YES	HRDOW
L0000018	0	0.30303E-01	558721.2	4160427.0	1.9	3.40	13.00	3.16	YES	HRDOW
L0000019	0	0.30303E-01	558738.4	4160406.8	2.2	3.40	13.00	3.16	YES	HRDOW
L0000020	0	0.30303E-01	558740.3	4160379.2	2.9	3.40	13.00	3.16	YES	HRDOW
L0000021	0	0.30303E-01	558740.9	4160351.2	3.1	3.40	13.00	3.16	YES	HRDOW
L0000022	0	0.30303E-01	558741.2	4160323.3	3.2	3.40	13.00	3.16	YES	HRDOW
L0000023	0	0.30303E-01	558741.5	4160295.3	3.7	3.40	13.00	3.16	YES	HRDOW
L0000024	0	0.30303E-01	558743.0	4160267.5	3.7	3.40	13.00	3.16	YES	HRDOW
L0000025	0	0.30303E-01	558745.6	4160239.6	3.8	3.40	13.00	3.16	YES	HRDOW
L0000026	0	0.30303E-01	558762.0	4160218.2	3.6	3.40	13.00	3.16	YES	HRDOW
L0000027	0	0.30303E-01	558789.7	4160214.7	3.3	3.40	13.00	3.16	YES	HRDOW
L0000028	0	0.30303E-01	558817.5	4160211.1	3.1	3.40	13.00	3.16	YES	HRDOW
L0000029	0	0.30303E-01	558845.1	4160207.0	2.8	3.40	13.00	3.16	YES	HRDOW
L0000030	0	0.30303E-01	558872.8	4160203.0	2.8	3.40	13.00	3.16	YES	HRDOW
L0000031	0	0.30303E-01	558900.3	4160198.5	2.6	3.40	13.00	3.16	YES	HRDOW
L0000032	0	0.30303E-01	558927.7	4160192.8	2.5	3.40	13.00	3.16	YES	HRDOW
L0000033	0	0.30303E-01	558955.1	4160187.3	2.2	3.40	13.00	3.16	YES	HRDOW
L0000034	0	0.30303E-01	558366.0	4160638.3	4.1	1.30	13.00	1.21	YES	HRDOW
L0000035	0	0.30303E-01	558393.9	4160639.4	4.5	1.30	13.00	1.21	YES	HRDOW
L0000036	0	0.30303E-01	558421.8	4160639.6	4.5	1.30	13.00	1.21	YES	HRDOW
L0000037	0	0.30303E-01	558449.8	4160639.9	4.5	1.30	13.00	1.21	YES	HRDOW
L0000038	0	0.30303E-01	558477.7	4160639.9	4.3	1.30	13.00	1.21	YES	HRDOW
L0000039	0	0.30303E-01	558505.4	4160636.5	3.9	1.30	13.00	1.21	YES	HRDOW
L0000040	0	0.30303E-01	558531.5	4160627.7	3.4	1.30	13.00	1.21	YES	HRDOW

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000041	0	0.30303E-01	558554.7	4160612.7	5.3	1.30	13.00	1.21	YES	HRDOW
L0000042	0	0.30303E-01	558570.2	4160589.6	5.9	1.30	13.00	1.21	YES	HRDOW
L0000043	0	0.30303E-01	558579.6	4160563.3	2.7	1.30	13.00	1.21	YES	HRDOW
L0000044	0	0.30303E-01	558585.5	4160536.0	2.2	1.30	13.00	1.21	YES	HRDOW
L0000045	0	0.30303E-01	558591.8	4160508.8	2.2	1.30	13.00	1.21	YES	HRDOW
L0000046	0	0.30303E-01	558600.6	4160482.2	2.1	1.30	13.00	1.21	YES	HRDOW
L0000047	0	0.30303E-01	558617.0	4160459.6	2.4	1.30	13.00	1.21	YES	HRDOW
L0000048	0	0.30303E-01	558640.0	4160444.3	2.4	1.30	13.00	1.21	YES	HRDOW
L0000049	0	0.30303E-01	558667.0	4160437.5	2.2	1.30	13.00	1.21	YES	HRDOW

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 L0000050      0  0.30303E-01  558694.8 4160434.9    1.9    1.30    13.00    1.21    YES   HRDOW
 L0000051      0  0.30303E-01  558721.3 4160427.0    1.9    1.30    13.00    1.21    YES   HRDOW
 L0000052      0  0.30303E-01  558738.4 4160407.0    2.2    1.30    13.00    1.21    YES   HRDOW
 L0000053      0  0.30303E-01  558740.2 4160379.1    2.9    1.30    13.00    1.21    YES   HRDOW
 L0000054      0  0.30303E-01  558741.1 4160351.1    3.1    1.30    13.00    1.21    YES   HRDOW
 L0000055      0  0.30303E-01  558741.2 4160323.2    3.2    1.30    13.00    1.21    YES   HRDOW
 L0000056      0  0.30303E-01  558741.6 4160295.3    3.7    1.30    13.00    1.21    YES   HRDOW
 L0000057      0  0.30303E-01  558743.0 4160267.3    3.7    1.30    13.00    1.21    YES   HRDOW
 L0000058      0  0.30303E-01  558745.4 4160239.5    3.8    1.30    13.00    1.21    YES   HRDOW
 L0000059      0  0.30303E-01  558762.2 4160218.2    3.6    1.30    13.00    1.21    YES   HRDOW
 L0000060      0  0.30303E-01  558789.9 4160214.7    3.3    1.30    13.00    1.21    YES   HRDOW
 L0000061      0  0.30303E-01  558817.7 4160211.1    3.1    1.30    13.00    1.21    YES   HRDOW
 L0000062      0  0.30303E-01  558845.3 4160207.0    2.8    1.30    13.00    1.21    YES   HRDOW
 L0000063      0  0.30303E-01  558872.9 4160202.9    2.8    1.30    13.00    1.21    YES   HRDOW
 L0000064      0  0.30303E-01  558900.5 4160198.4    2.6    1.30    13.00    1.21    YES   HRDOW
 L0000065      0  0.30303E-01  558927.9 4160192.8    2.5    1.30    13.00    1.21    YES   HRDOW
 L0000066      0  0.30303E-01  558955.3 4160187.2    2.2    1.30    13.00    1.21    YES   HRDOW
   *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Projects\410 Airport_DPM\410
Airport_DPM.isc    ***       05/01/24
 *** AERMET - VERSION  18081 ***   ***                                                ***       08:36:17
                                                                                    PAGE   4
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                              *** AREAPOLY SOURCE DATA ***

           NUMBER EMISSION RATE   LOCATION OF AREA  BASE    RELEASE  NUMBER     INIT.  URBAN
EMISSION RATE
  SOURCE      PART. (GRAMS/SEC      X       Y     ELEV.   HEIGHT  OF VERTS.    SZ   SOURCE  SCALAR
VARY
    ID        CATS.  /METER**2)   (METERS) (METERS) (METERS) (METERS)         (METERS)          BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 OFF_DST        0   0.26660E-04  558214.4 4160593.4    3.5     0.00      18        2.15     YES   HRDOW
 OFFROAD        0   0.26660E-04  558214.4 4160593.4    3.5     5.00      18        2.15     YES   HRDOW
   *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Projects\410 Airport_DPM\410
Airport_DPM.isc    ***       05/01/24
 *** AERMET - VERSION  18081 ***   ***                                                ***       08:36:17
                                                                                    PAGE   5
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                           *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                         SOURCE IDs
 -----------                         ----------


  OFFROAD    OFFROAD    ,

  OFF_DST    OFF_DST    ,

  ONROAD     L0000001    , L0000002    , L0000003    , L0000004    , L0000005    , L0000006    , L0000007    ,
 L0000008    ,
```

L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,

L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,

L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,

L0000033 ,

ONROAD_W L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 , L0000041 ,

L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 , L0000049 ,

L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 , L0000057 ,

L0000058 , L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 , L0000065 ,

L0000066 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

728929. OFF_DST , OFFROAD , L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 ,

L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 ,

L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 ,

L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 ,

L0000031 , L0000032 , L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 ,

L0000039 , L0000040 , L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 ,

L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 ,

L0000055 , L0000056 , L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 ,

L0000063 , L0000064 , L0000065 , L0000066 ,

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = OFF_DST ; SOURCE TYPE = AREAPOLY :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = OFFROAD ; SOURCE TYPE = AREAPOLY :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24

.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000001 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000002 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000003 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\Projects\410 Airport_DPM\410 Airport_DPM.isc *** 05/01/24

*** AERMET - VERSION 18081 *** *** *** 08:36:17

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000004 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\Projects\410 Airport_DPM\410 Airport_DPM.isc *** 05/01/24

*** AERMET - VERSION 18081 *** *** *** 08:36:17

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000005 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000006 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000007 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000008 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16

.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000009 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000010 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000011 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000012 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000013 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000014 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000015 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000016 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	

.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000017 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000018 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\Projects\410 Airport_DPM\410 Airport_DPM.isc *** 05/01/24
*** AERMET - VERSION 18081 *** *** *** 08:36:17
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000019 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8

.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\Projects\410 Airport_DPM\410 Airport_DPM.isc *** 05/01/24
*** AERMET - VERSION 18081 *** *** *** 08:36:17
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000020 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\Projects\410 Airport_DPM\410 Airport_DPM.isc *** 05/01/24
*** AERMET - VERSION 18081 *** *** *** 08:36:17
PAGE 29
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000021 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8

.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000022 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000023 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000025 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0000026 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000027 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000028 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000029 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000030 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24

.0000E+00
*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\Projects\410 Airport_DPM\410 Airport_DPM.isc *** 05/01/24
*** AERMET - VERSION 18081 *** *** *** 08:36:17
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000031 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\Projects\410 Airport_DPM\410 Airport_DPM.isc *** 05/01/24
*** AERMET - VERSION 18081 *** *** *** 08:36:17
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000032 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24

.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000033 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000034 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000035 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24

.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000036 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000037 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000038 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\Projects\410 Airport_DPM\410 Airport_DPM.isc *** 05/01/24

*** AERMET - VERSION 18081 *** *** *** 08:36:17

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000039 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\Projects\410 Airport_DPM\410 Airport_DPM.isc *** 05/01/24

*** AERMET - VERSION 18081 *** *** *** 08:36:17

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000040 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000041 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000042 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000043 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16

.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000044 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000045 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000046 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000047 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000048 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000049 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000050 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000051 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	

.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000052 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000053 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000054 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8

.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000055 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000056 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8

.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000057 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000058 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000059 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000060 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0000061 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000062 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000063 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000064 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000065 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000066 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(557996.4, 4160720.5,	3.7,	3.7,	1.5);	(557996.4, 4160730.5,	3.6,	3.6,	1.5);
(557996.4, 4160740.5,	3.9,	3.9,	1.5);	(558006.4, 4160710.5,	3.6,	3.6,	1.5);
(558006.4, 4160720.5,	3.5,	3.5,	1.5);	(558006.4, 4160730.5,	3.5,	3.5,	1.5);
(558006.4, 4160740.5,	3.5,	3.5,	1.5);	(558016.4, 4160710.5,	3.5,	3.5,	1.5);
(558016.4, 4160720.5,	3.5,	3.5,	1.5);	(558016.4, 4160730.5,	3.5,	3.5,	1.5);
(558016.4, 4160740.5,	3.6,	3.6,	1.5);	(558026.4, 4160710.5,	3.8,	3.8,	1.5);
(558026.4, 4160720.5,	3.5,	3.5,	1.5);	(558026.4, 4160730.5,	3.5,	3.5,	1.5);
(558026.4, 4160740.5,	3.6,	3.6,	1.5);	(558277.5, 4160581.2,	1.8,	3.6,	1.5);
(558277.5, 4160591.2,	2.1,	3.6,	1.5);	(558287.5, 4160581.2,	2.2,	2.2,	1.5);

(558287.5, 4160591.2, 2.0, 2.0, 1.5); (558297.5, 4160581.2, 2.6, 4.2, 1.5);
(558297.5, 4160591.2, 1.9, 3.8, 1.5); (558307.5, 4160581.2, 3.0, 3.8, 1.5);
(558307.5, 4160591.2, 1.9, 4.0, 1.5); (558317.5, 4160581.2, 3.3, 4.0, 1.5);
(558317.5, 4160591.2, 1.9, 4.3, 1.5); (558327.5, 4160581.2, 3.5, 4.1, 1.5);
(558327.5, 4160591.2, 2.2, 4.3, 1.5); (558337.5, 4160581.2, 4.0, 4.0, 1.5);
(558101.1, 4160547.1, 0.7, 0.7, 1.5); (558101.1, 4160557.1, 0.7, 0.7, 1.5);
(558111.1, 4160547.1, 0.9, 0.9, 1.5); (558111.1, 4160557.1, 0.9, 0.9, 1.5);
(558111.1, 4160567.1, 0.8, 0.8, 1.5); (558121.1, 4160537.1, 1.0, 1.0, 1.5);
(558121.1, 4160547.1, 1.0, 1.0, 1.5); (558121.1, 4160557.1, 0.9, 0.9, 1.5);
(558121.1, 4160567.1, 0.9, 0.9, 1.5); (558121.1, 4160577.1, 0.8, 0.8, 1.5);
(558121.1, 4160587.1, 0.8, 4.7, 1.5); (558131.1, 4160527.1, 1.0, 3.5, 1.5);
(558131.1, 4160537.1, 1.1, 3.5, 1.5); (558131.1, 4160547.1, 0.9, 0.9, 1.5);
(558131.1, 4160557.1, 0.9, 0.9, 1.5); (558131.1, 4160567.1, 0.8, 0.8, 1.5);
(558131.1, 4160577.1, 0.9, 0.9, 1.5); (558131.1, 4160587.1, 0.9, 0.9, 1.5);
(558131.1, 4160597.1, 0.9, 4.7, 1.5); (558141.1, 4160527.1, 1.2, 3.6, 1.5);
(558141.1, 4160537.1, 0.9, 3.5, 1.5); (558141.1, 4160547.1, 0.9, 3.5, 1.5);
(558141.1, 4160557.1, 0.8, 0.8, 1.5); (558141.1, 4160567.1, 0.9, 0.9, 1.5);
(558141.1, 4160577.1, 0.9, 0.9, 1.5); (558141.1, 4160587.1, 0.9, 0.9, 1.5);
(558141.1, 4160597.1, 1.0, 1.0, 1.5); (558141.1, 4160607.1, 1.1, 3.6, 1.5);
(558151.1, 4160537.1, 1.0, 3.6, 1.5); (558151.1, 4160547.1, 0.8, 3.5, 1.5);
(558151.1, 4160557.1, 0.8, 3.5, 1.5); (558151.1, 4160567.1, 0.9, 0.9, 1.5);
(558151.1, 4160577.1, 0.9, 0.9, 1.5); (558151.1, 4160587.1, 1.0, 1.0, 1.5);
(558151.1, 4160597.1, 1.4, 1.4, 1.5); (558151.1, 4160607.1, 1.7, 3.5, 1.5);
(558151.1, 4160617.1, 1.9, 3.6, 1.5); (558161.1, 4160547.1, 1.7, 3.5, 1.5);
(558161.1, 4160557.1, 0.9, 3.5, 1.5); (558161.1, 4160567.1, 0.9, 3.5, 1.5);
(558161.1, 4160577.1, 1.0, 1.0, 1.5); (558161.1, 4160587.1, 1.1, 3.6, 1.5);
(558161.1, 4160597.1, 1.9, 3.5, 1.5); (558161.1, 4160607.1, 2.5, 2.5, 1.5);
(558171.1, 4160557.1, 1.7, 3.5, 1.5); (558171.1, 4160567.1, 0.9, 3.5, 1.5);
(558171.1, 4160577.1, 1.0, 3.6, 1.5); (558171.1, 4160587.1, 1.1, 3.6, 1.5);
(558171.1, 4160597.1, 2.4, 3.6, 1.5); (558181.1, 4160567.1, 1.6, 3.5, 1.5);
(558181.1, 4160577.1, 1.2, 3.6, 1.5); (558181.1, 4160587.1, 1.3, 3.6, 1.5);
(558191.1, 4160577.1, 3.2, 3.2, 1.5); (558368.5, 4160582.3, 3.0, 3.0, 1.5);
(558378.5, 4160582.3, 2.4, 4.7, 1.5); (558378.5, 4160592.3, 3.2, 4.5, 1.5);
(558378.5, 4160602.3, 4.4, 4.4, 1.5); (558378.5, 4160612.3, 4.3, 4.3, 1.5);
(558388.5, 4160582.3, 2.3, 4.7, 1.5); (558388.5, 4160592.3, 3.3, 4.7, 1.5);
(558388.5, 4160602.3, 4.5, 4.5, 1.5); (558388.5, 4160612.3, 4.3, 4.3, 1.5);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(558398.5, 4160582.3, 3.3, 4.4, 1.5); (558398.5, 4160592.3, 4.0, 4.0, 1.5);
(558398.5, 4160602.3, 4.6, 4.6, 1.5); (558398.5, 4160612.3, 4.3, 4.3, 1.5);
(557976.1, 4160490.1, 3.4, 4.6, 1.5); (557976.1, 4160500.1, 3.3, 3.3, 1.5);
(557976.1, 4160510.1, 2.8, 2.8, 1.5); (557976.1, 4160520.1, 2.5, 2.5, 1.5);
(557976.1, 4160530.1, 1.9, 2.6, 1.5); (557986.1, 4160480.1, 3.3, 4.6, 1.5);
(557986.1, 4160490.1, 2.3, 4.6, 1.5); (557986.1, 4160500.1, 2.1, 4.6, 1.5);
(557986.1, 4160510.1, 2.2, 3.3, 1.5); (557986.1, 4160520.1, 1.8, 1.8, 1.5);
(557986.1, 4160530.1, 1.2, 2.6, 1.5); (557996.1, 4160480.1, 1.7, 4.6, 1.5);

(557996.1, 4160490.1, 1.2, 4.6, 1.5); (557996.1, 4160500.1, 1.3, 4.6, 1.5);
(557996.1, 4160510.1, 1.3, 4.6, 1.5); (557996.1, 4160520.1, 1.4, 1.4, 1.5);
(557996.1, 4160530.1, 1.3, 1.3, 1.5); (557996.1, 4160540.1, 1.9, 2.6, 1.5);
(557996.1, 4160550.1, 1.9, 2.6, 1.5); (557996.1, 4160560.1, 1.4, 1.4, 1.5);
(557996.1, 4160570.1, 1.4, 1.4, 1.5); (558006.1, 4160480.1, 1.6, 4.6, 1.5);
(558006.1, 4160490.1, 1.1, 4.6, 1.5); (558006.1, 4160500.1, 1.2, 4.6, 1.5);
(558006.1, 4160510.1, 1.3, 1.3, 1.5); (558006.1, 4160520.1, 1.6, 1.6, 1.5);
(558006.1, 4160530.1, 1.4, 1.4, 1.5); (558006.1, 4160540.1, 1.6, 1.6, 1.5);
(558006.1, 4160550.1, 1.7, 1.7, 1.5); (558006.1, 4160560.1, 1.5, 1.5, 1.5);
(558006.1, 4160570.1, 1.0, 1.0, 1.5); (558016.1, 4160480.1, 1.6, 3.9, 1.5);
(558016.1, 4160490.1, 0.9, 3.9, 1.5); (558016.1, 4160500.1, 1.2, 1.2, 1.5);
(558016.1, 4160510.1, 1.8, 1.8, 1.5); (558016.1, 4160520.1, 2.0, 2.0, 1.5);
(558016.1, 4160530.1, 1.6, 1.6, 1.5); (558016.1, 4160540.1, 1.3, 1.3, 1.5);
(558016.1, 4160550.1, 1.7, 1.7, 1.5); (558016.1, 4160560.1, 1.6, 1.6, 1.5);
(558016.1, 4160570.1, 1.1, 1.1, 1.5); (558026.1, 4160480.1, 1.7, 3.9, 1.5);
(558026.1, 4160490.1, 1.2, 4.5, 1.5); (558026.1, 4160500.1, 1.9, 4.5, 1.5);
(558026.1, 4160510.1, 2.6, 3.6, 1.5); (558026.1, 4160520.1, 2.5, 3.6, 1.5);
(558026.1, 4160530.1, 1.7, 3.6, 1.5); (558026.1, 4160540.1, 1.2, 1.2, 1.5);
(558026.1, 4160550.1, 1.4, 1.4, 1.5); (558026.1, 4160560.1, 1.3, 1.3, 1.5);
(558026.1, 4160570.1, 1.0, 1.0, 1.5); (558036.1, 4160480.1, 2.6, 3.9, 1.5);
(558036.1, 4160490.1, 2.3, 4.5, 1.5); (558036.1, 4160500.1, 2.8, 4.5, 1.5);
(558036.1, 4160510.1, 3.4, 3.4, 1.5); (558036.1, 4160520.1, 3.0, 4.0, 1.5);
(558036.1, 4160530.1, 1.8, 4.2, 1.5); (558036.1, 4160540.1, 1.3, 4.0, 1.5);
(558036.1, 4160550.1, 1.2, 1.2, 1.5); (558036.1, 4160560.1, 1.1, 1.1, 1.5);
(558046.1, 4160480.1, 3.6, 3.6, 1.5); (558046.1, 4160490.1, 3.6, 4.3, 1.5);
(558046.1, 4160500.1, 3.8, 4.5, 1.5); (558046.1, 4160510.1, 4.0, 4.0, 1.5);
(558046.1, 4160520.1, 3.3, 4.2, 1.5); (558046.1, 4160530.1, 2.1, 4.3, 1.5);
(558046.1, 4160540.1, 1.4, 4.2, 1.5); (558046.1, 4160550.1, 1.1, 1.1, 1.5);
(558056.1, 4160480.1, 3.9, 3.9, 1.5); (558056.1, 4160490.1, 4.0, 4.0, 1.5);
(558056.1, 4160500.1, 4.4, 4.4, 1.5); (558056.1, 4160510.1, 4.3, 4.3, 1.5);
(558056.1, 4160520.1, 3.2, 4.3, 1.5); (558056.1, 4160530.1, 1.9, 4.3, 1.5);
(558056.1, 4160540.1, 1.2, 4.3, 1.5); (558066.1, 4160480.1, 2.2, 4.3, 1.5);
(558066.1, 4160490.1, 2.7, 4.5, 1.5); (558066.1, 4160500.1, 4.0, 4.0, 1.5);
(558066.1, 4160510.1, 3.2, 4.5, 1.5); (558066.1, 4160520.1, 1.8, 4.5, 1.5);
(558066.1, 4160530.1, 1.2, 4.5, 1.5); (558076.1, 4160480.1, 1.9, 4.4, 1.5);
(558076.1, 4160490.1, 2.4, 4.4, 1.5); (558076.1, 4160500.1, 3.9, 4.4, 1.5);
(558076.1, 4160510.1, 2.5, 4.5, 1.5); (558076.1, 4160520.1, 1.2, 4.5, 1.5);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(558086.1, 4160490.1, 2.8, 4.3, 1.5); (558086.1, 4160500.1, 3.4, 4.3, 1.5);
(558086.1, 4160510.1, 2.1, 4.4, 1.5); (558096.1, 4160490.1, 3.1, 3.1, 1.5);
(558096.1, 4160500.1, 2.3, 4.4, 1.5); (558186.8, 4160496.3, 3.5, 3.5, 1.5);
(558186.8, 4160506.3, 4.0, 4.0, 1.5); (558196.8, 4160496.3, 2.9, 2.9, 1.5);
(558196.8, 4160506.3, 3.7, 3.7, 1.5); (558196.8, 4160516.3, 4.1, 4.1, 1.5);
(558196.8, 4160526.3, 3.9, 3.9, 1.5); (558206.8, 4160506.3, 3.0, 3.0, 1.5);
(558206.8, 4160516.3, 3.3, 3.3, 1.5); (558206.8, 4160526.3, 3.6, 3.6, 1.5);

(558206.8, 4160536.3, 3.5, 3.5, 1.5); (558216.8, 4160516.3, 2.7, 2.7, 1.5);
(558216.8, 4160526.3, 3.0, 3.0, 1.5); (558216.8, 4160536.3, 3.4, 3.4, 1.5);
(558216.8, 4160546.3, 3.5, 3.5, 1.5); (558226.8, 4160526.3, 2.5, 2.5, 1.5);
(558226.8, 4160536.3, 2.6, 2.6, 1.5); (558226.8, 4160546.3, 2.8, 2.8, 1.5);
(558236.8, 4160536.3, 1.8, 1.8, 1.5); (558115.2, 4160402.6, 2.2, 2.2, 0.0);
(558115.2, 4160412.6, 2.5, 2.5, 0.0); (558115.2, 4160422.6, 3.1, 3.1, 0.0);
(558115.2, 4160432.6, 2.8, 2.8, 0.0); (558115.2, 4160442.6, 2.8, 2.8, 0.0);
(558125.2, 4160392.6, 2.1, 4.1, 0.0); (558125.2, 4160402.6, 2.3, 3.2, 0.0);
(558125.2, 4160412.6, 3.2, 3.2, 0.0); (558125.2, 4160422.6, 3.2, 3.2, 0.0);
(558125.2, 4160432.6, 3.3, 3.3, 0.0); (558125.2, 4160442.6, 3.0, 3.0, 0.0);
(558135.2, 4160372.6, 2.9, 2.9, 0.0); (558135.2, 4160382.6, 2.2, 2.2, 0.0);
(558135.2, 4160392.6, 2.4, 2.4, 0.0); (558135.2, 4160402.6, 3.2, 3.2, 0.0);
(558135.2, 4160412.6, 3.3, 3.3, 0.0); (558135.2, 4160422.6, 3.2, 3.2, 0.0);
(558135.2, 4160432.6, 3.3, 3.3, 0.0); (558135.2, 4160442.6, 3.0, 3.0, 0.0);
(558145.2, 4160372.6, 2.6, 2.6, 0.0); (558145.2, 4160382.6, 2.5, 2.5, 0.0);
(558145.2, 4160392.6, 3.1, 3.1, 0.0); (558145.2, 4160402.6, 3.2, 3.2, 0.0);
(558145.2, 4160412.6, 3.2, 3.2, 0.0); (558145.2, 4160422.6, 3.2, 3.2, 0.0);
(558145.2, 4160432.6, 3.3, 3.3, 0.0); (558145.2, 4160442.6, 3.0, 3.0, 0.0);
(558155.2, 4160372.6, 2.4, 2.4, 0.0); (558155.2, 4160382.6, 2.5, 2.5, 0.0);
(558155.2, 4160392.6, 3.2, 3.2, 0.0); (558155.2, 4160402.6, 3.1, 3.1, 0.0);
(558155.2, 4160412.6, 3.1, 3.1, 0.0); (558155.2, 4160422.6, 3.2, 3.2, 0.0);
(558155.2, 4160432.6, 3.2, 3.2, 0.0); (558155.2, 4160442.6, 2.9, 2.9, 0.0);
(558165.2, 4160362.6, 3.1, 3.1, 0.0); (558165.2, 4160372.6, 2.3, 2.3, 0.0);
(558165.2, 4160382.6, 2.4, 2.4, 0.0); (558165.2, 4160392.6, 2.8, 2.8, 0.0);
(558165.2, 4160402.6, 3.1, 3.1, 0.0); (558165.2, 4160412.6, 3.1, 3.1, 0.0);
(558165.2, 4160422.6, 3.2, 3.2, 0.0); (558165.2, 4160432.6, 2.8, 2.8, 0.0);
(558175.2, 4160362.6, 2.9, 2.9, 0.0); (558175.2, 4160372.6, 2.2, 2.2, 0.0);
(558175.2, 4160382.6, 2.2, 2.2, 0.0); (558175.2, 4160392.6, 2.3, 2.3, 0.0);
(558175.2, 4160402.6, 3.0, 3.0, 0.0); (558175.2, 4160412.6, 3.0, 3.0, 0.0);
(558175.2, 4160422.6, 2.9, 2.9, 0.0); (558185.2, 4160362.6, 2.6, 2.6, 0.0);
(558185.2, 4160372.6, 2.0, 2.0, 0.0); (558185.2, 4160382.6, 2.0, 2.0, 0.0);
(558185.2, 4160392.6, 2.0, 2.0, 0.0); (558185.2, 4160402.6, 2.3, 2.3, 0.0);
(558185.2, 4160412.6, 2.3, 2.3, 0.0); (558185.2, 4160422.6, 2.5, 2.5, 0.0);
(558185.2, 4160432.6, 2.3, 2.3, 0.0); (558185.2, 4160442.6, 2.1, 2.5, 0.0);
(558195.2, 4160362.6, 2.6, 2.6, 0.0); (558195.2, 4160372.6, 1.9, 1.9, 0.0);
(558195.2, 4160382.6, 1.9, 1.9, 0.0); (558195.2, 4160392.6, 2.0, 2.0, 0.0);
(558195.2, 4160402.6, 2.4, 2.4, 0.0); (558195.2, 4160412.6, 2.2, 2.2, 0.0);
(558195.2, 4160422.6, 2.1, 2.1, 0.0); (558195.2, 4160432.6, 2.3, 2.3, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(558195.2, 4160442.6, 1.6, 1.6, 0.0); (558195.2, 4160452.6, 0.7, 2.5, 0.0);
(558205.2, 4160362.6, 2.5, 2.5, 0.0); (558205.2, 4160372.6, 1.9, 1.9, 0.0);
(558205.2, 4160382.6, 1.9, 1.9, 0.0); (558205.2, 4160392.6, 2.0, 2.0, 0.0);
(558205.2, 4160402.6, 2.3, 2.3, 0.0); (558205.2, 4160412.6, 2.2, 2.2, 0.0);
(558205.2, 4160422.6, 2.3, 2.3, 0.0); (558205.2, 4160432.6, 2.0, 2.0, 0.0);
(558205.2, 4160442.6, 1.9, 1.9, 0.0); (558205.2, 4160452.6, 1.0, 2.0, 0.0);

(558205.2, 4160462.6, 0.7, 2.0, 0.0); (558215.2, 4160362.6, 2.6, 2.6, 0.0);
(558215.2, 4160372.6, 2.1, 2.1, 0.0); (558215.2, 4160382.6, 2.2, 2.2, 0.0);
(558215.2, 4160392.6, 2.1, 2.1, 0.0); (558215.2, 4160402.6, 2.3, 2.3, 0.0);
(558215.2, 4160412.6, 2.3, 2.3, 0.0); (558215.2, 4160422.6, 1.7, 1.7, 0.0);
(558215.2, 4160432.6, 1.7, 1.7, 0.0); (558215.2, 4160442.6, 1.9, 1.9, 0.0);
(558215.2, 4160452.6, 2.0, 2.0, 0.0); (558215.2, 4160462.6, 1.0, 2.0, 0.0);
(558215.2, 4160472.6, 0.7, 0.7, 0.0); (558225.2, 4160362.6, 2.4, 2.4, 0.0);
(558225.2, 4160372.6, 2.3, 2.3, 0.0); (558225.2, 4160382.6, 2.6, 2.6, 0.0);
(558225.2, 4160392.6, 2.5, 2.5, 0.0); (558225.2, 4160402.6, 2.2, 2.2, 0.0);
(558225.2, 4160412.6, 1.7, 1.7, 0.0); (558225.2, 4160422.6, 1.6, 1.6, 0.0);
(558225.2, 4160432.6, 1.6, 1.6, 0.0); (558225.2, 4160442.6, 1.7, 1.7, 0.0);
(558225.2, 4160452.6, 1.7, 1.7, 0.0); (558225.2, 4160462.6, 1.7, 1.7, 0.0);
(558225.2, 4160472.6, 1.3, 2.1, 0.0); (558225.2, 4160482.6, 0.9, 2.1, 0.0);
(558235.2, 4160362.6, 2.5, 2.5, 0.0); (558235.2, 4160372.6, 2.5, 2.5, 0.0);
(558235.2, 4160382.6, 2.7, 2.7, 0.0); (558235.2, 4160392.6, 2.5, 2.5, 0.0);
(558235.2, 4160402.6, 2.2, 2.2, 0.0); (558235.2, 4160412.6, 1.7, 1.7, 0.0);
(558235.2, 4160422.6, 1.8, 1.8, 0.0); (558235.2, 4160432.6, 1.5, 1.5, 0.0);
(558235.2, 4160442.6, 1.5, 1.5, 0.0); (558235.2, 4160452.6, 1.6, 1.6, 0.0);
(558235.2, 4160462.6, 1.8, 1.8, 0.0); (558235.2, 4160472.6, 2.0, 2.0, 0.0);
(558235.2, 4160482.6, 1.5, 1.5, 0.0); (558235.2, 4160492.6, 1.0, 1.0, 0.0);
(558245.2, 4160362.6, 2.8, 2.8, 0.0); (558245.2, 4160372.6, 2.6, 2.6, 0.0);
(558245.2, 4160382.6, 2.6, 2.6, 0.0); (558245.2, 4160392.6, 2.5, 2.5, 0.0);
(558245.2, 4160402.6, 2.4, 2.4, 0.0); (558245.2, 4160412.6, 1.9, 1.9, 0.0);
(558245.2, 4160422.6, 1.7, 1.7, 0.0); (558245.2, 4160432.6, 1.4, 1.4, 0.0);
(558245.2, 4160442.6, 1.4, 1.4, 0.0); (558245.2, 4160452.6, 1.6, 1.6, 0.0);
(558245.2, 4160462.6, 1.8, 1.8, 0.0); (558245.2, 4160472.6, 1.7, 1.7, 0.0);
(558245.2, 4160482.6, 1.8, 1.8, 0.0); (558245.2, 4160492.6, 1.5, 1.5, 0.0);
(558245.2, 4160502.6, 1.0, 1.0, 0.0); (558255.2, 4160362.6, 2.8, 2.8, 0.0);
(558255.2, 4160372.6, 2.7, 2.7, 0.0); (558255.2, 4160382.6, 2.6, 2.6, 0.0);
(558255.2, 4160392.6, 2.5, 2.5, 0.0); (558255.2, 4160402.6, 2.2, 2.2, 0.0);
(558255.2, 4160412.6, 2.5, 2.5, 0.0); (558255.2, 4160422.6, 1.8, 1.8, 0.0);
(558255.2, 4160432.6, 1.5, 1.5, 0.0); (558255.2, 4160442.6, 1.6, 1.6, 0.0);
(558255.2, 4160452.6, 1.6, 1.6, 0.0); (558255.2, 4160462.6, 1.5, 1.5, 0.0);
(558255.2, 4160472.6, 1.6, 1.6, 0.0); (558255.2, 4160482.6, 1.7, 1.7, 0.0);
(558255.2, 4160492.6, 1.9, 1.9, 0.0); (558255.2, 4160502.6, 1.4, 1.4, 0.0);
(558255.2, 4160512.6, 0.9, 0.9, 0.0); (558265.2, 4160362.6, 2.8, 2.8, 0.0);
(558265.2, 4160372.6, 2.7, 2.7, 0.0); (558265.2, 4160382.6, 2.6, 2.6, 0.0);
(558265.2, 4160392.6, 2.6, 2.6, 0.0); (558265.2, 4160402.6, 2.3, 2.3, 0.0);
(558265.2, 4160412.6, 2.1, 2.1, 0.0); (558265.2, 4160422.6, 1.9, 1.9, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(558265.2, 4160432.6, 1.8, 1.8, 0.0); (558265.2, 4160442.6, 1.8, 1.8, 0.0);
(558265.2, 4160452.6, 1.6, 1.6, 0.0); (558265.2, 4160462.6, 1.4, 1.4, 0.0);
(558265.2, 4160472.6, 1.5, 1.5, 0.0); (558265.2, 4160482.6, 1.7, 1.7, 0.0);
(558265.2, 4160492.6, 1.8, 1.8, 0.0); (558265.2, 4160502.6, 1.9, 1.9, 0.0);
(558265.2, 4160512.6, 1.4, 2.1, 0.0); (558265.2, 4160522.6, 1.0, 2.1, 0.0);

(558275.2, 4160362.6, 2.7, 2.7, 0.0); (558275.2, 4160372.6, 2.6, 2.6, 0.0);
(558275.2, 4160382.6, 2.7, 2.7, 0.0); (558275.2, 4160392.6, 2.6, 2.6, 0.0);
(558275.2, 4160402.6, 2.5, 2.5, 0.0); (558275.2, 4160412.6, 2.3, 2.3, 0.0);
(558275.2, 4160422.6, 2.1, 2.1, 0.0); (558275.2, 4160432.6, 2.0, 2.0, 0.0);
(558275.2, 4160442.6, 1.8, 1.8, 0.0); (558275.2, 4160452.6, 1.6, 1.6, 0.0);
(558275.2, 4160462.6, 1.5, 1.5, 0.0); (558275.2, 4160472.6, 1.7, 1.7, 0.0);
(558275.2, 4160482.6, 1.7, 1.7, 0.0); (558275.2, 4160492.6, 1.6, 1.6, 0.0);
(558275.2, 4160502.6, 1.8, 1.8, 0.0); (558275.2, 4160512.6, 2.0, 2.0, 0.0);
(558275.2, 4160522.6, 1.6, 1.6, 0.0); (558275.2, 4160532.6, 1.1, 4.0, 0.0);
(558285.2, 4160362.6, 2.7, 2.7, 0.0); (558285.2, 4160372.6, 2.5, 2.5, 0.0);
(558285.2, 4160382.6, 2.9, 2.9, 0.0); (558285.2, 4160392.6, 2.7, 2.7, 0.0);
(558285.2, 4160402.6, 2.7, 2.7, 0.0); (558285.2, 4160412.6, 2.6, 2.6, 0.0);
(558285.2, 4160422.6, 2.5, 2.5, 0.0); (558285.2, 4160432.6, 2.2, 2.2, 0.0);
(558285.2, 4160442.6, 1.9, 1.9, 0.0); (558285.2, 4160452.6, 1.8, 1.8, 0.0);
(558285.2, 4160462.6, 1.9, 1.9, 0.0); (558285.2, 4160472.6, 1.8, 1.8, 0.0);
(558285.2, 4160482.6, 1.6, 1.6, 0.0); (558285.2, 4160492.6, 1.4, 1.4, 0.0);
(558285.2, 4160502.6, 1.6, 1.6, 0.0); (558285.2, 4160512.6, 1.8, 1.8, 0.0);
(558285.2, 4160522.6, 1.7, 1.7, 0.0); (558285.2, 4160532.6, 1.2, 4.1, 0.0);
(558295.2, 4160362.6, 2.7, 2.7, 0.0); (558295.2, 4160372.6, 2.7, 2.7, 0.0);
(558295.2, 4160382.6, 2.8, 2.8, 0.0); (558295.2, 4160392.6, 2.8, 2.8, 0.0);
(558295.2, 4160402.6, 3.1, 3.1, 0.0); (558295.2, 4160412.6, 2.8, 2.8, 0.0);
(558295.2, 4160422.6, 2.7, 2.7, 0.0); (558295.2, 4160432.6, 2.7, 2.7, 0.0);
(558295.2, 4160442.6, 2.3, 2.3, 0.0); (558295.2, 4160452.6, 2.3, 2.3, 0.0);
(558295.2, 4160462.6, 2.2, 2.2, 0.0); (558295.2, 4160472.6, 1.9, 1.9, 0.0);
(558295.2, 4160482.6, 1.7, 1.7, 0.0); (558295.2, 4160492.6, 1.5, 1.5, 0.0);
(558295.2, 4160502.6, 1.4, 1.4, 0.0); (558295.2, 4160512.6, 1.7, 1.7, 0.0);
(558295.2, 4160522.6, 1.6, 1.6, 0.0); (558295.2, 4160532.6, 1.2, 4.1, 0.0);
(558305.2, 4160362.6, 2.8, 2.8, 0.0); (558305.2, 4160372.6, 2.7, 2.7, 0.0);
(558305.2, 4160382.6, 2.9, 2.9, 0.0); (558305.2, 4160392.6, 3.1, 3.1, 0.0);
(558305.2, 4160402.6, 3.6, 3.6, 0.0); (558305.2, 4160412.6, 3.6, 3.6, 0.0);
(558305.2, 4160422.6, 3.0, 3.0, 0.0); (558305.2, 4160432.6, 2.7, 2.7, 0.0);
(558305.2, 4160442.6, 2.7, 2.7, 0.0); (558305.2, 4160452.6, 2.6, 2.6, 0.0);
(558305.2, 4160462.6, 2.3, 2.3, 0.0); (558305.2, 4160472.6, 2.1, 2.1, 0.0);
(558305.2, 4160482.6, 1.8, 1.8, 0.0); (558305.2, 4160492.6, 1.7, 1.7, 0.0);
(558305.2, 4160502.6, 1.5, 1.5, 0.0); (558305.2, 4160512.6, 1.6, 1.6, 0.0);
(558305.2, 4160522.6, 1.6, 4.1, 0.0); (558305.2, 4160532.6, 1.2, 4.1, 0.0);
(558315.2, 4160362.6, 2.9, 2.9, 0.0); (558315.2, 4160372.6, 2.9, 2.9, 0.0);
(558315.2, 4160382.6, 3.3, 3.3, 0.0); (558315.2, 4160392.6, 3.4, 3.4, 0.0);
(558315.2, 4160402.6, 3.4, 3.4, 0.0); (558315.2, 4160412.6, 3.6, 3.6, 0.0);
(558315.2, 4160422.6, 3.4, 3.4, 0.0); (558315.2, 4160432.6, 3.0, 3.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(558315.2, 4160442.6, 2.8, 2.8, 0.0); (558315.2, 4160452.6, 2.6, 2.6, 0.0);
(558315.2, 4160462.6, 2.4, 2.4, 0.0); (558315.2, 4160472.6, 2.2, 2.2, 0.0);
(558315.2, 4160482.6, 2.0, 2.0, 0.0); (558315.2, 4160492.6, 1.9, 1.9, 0.0);
(558315.2, 4160502.6, 1.8, 1.8, 0.0); (558315.2, 4160512.6, 1.8, 1.8, 0.0);

(558315.2, 4160522.6, 1.7, 1.7, 0.0); (558315.2, 4160532.6, 1.3, 4.1, 0.0);
(558325.2, 4160362.6, 3.1, 3.1, 0.0); (558325.2, 4160372.6, 3.1, 3.1, 0.0);
(558325.2, 4160382.6, 3.4, 3.4, 0.0); (558325.2, 4160392.6, 3.4, 3.4, 0.0);
(558325.2, 4160402.6, 3.4, 3.4, 0.0); (558325.2, 4160412.6, 3.4, 3.4, 0.0);
(558325.2, 4160422.6, 3.3, 3.3, 0.0); (558325.2, 4160432.6, 3.1, 3.1, 0.0);
(558325.2, 4160442.6, 2.9, 2.9, 0.0); (558325.2, 4160452.6, 2.6, 2.6, 0.0);
(558325.2, 4160462.6, 2.5, 2.5, 0.0); (558325.2, 4160472.6, 2.4, 2.4, 0.0);
(558325.2, 4160482.6, 2.3, 2.3, 0.0); (558325.2, 4160492.6, 2.1, 2.1, 0.0);
(558325.2, 4160502.6, 2.1, 2.1, 0.0); (558325.2, 4160512.6, 2.0, 2.0, 0.0);
(558325.2, 4160522.6, 1.8, 1.8, 0.0); (558325.2, 4160532.6, 1.4, 4.1, 0.0);
(558335.2, 4160362.6, 3.4, 3.4, 0.0); (558335.2, 4160372.6, 3.1, 3.1, 0.0);
(558335.2, 4160382.6, 3.4, 3.4, 0.0); (558335.2, 4160392.6, 3.4, 3.4, 0.0);
(558335.2, 4160402.6, 3.3, 3.3, 0.0); (558335.2, 4160412.6, 3.3, 3.3, 0.0);
(558335.2, 4160422.6, 3.3, 3.3, 0.0); (558335.2, 4160432.6, 3.5, 3.5, 0.0);
(558335.2, 4160442.6, 3.2, 3.2, 0.0); (558335.2, 4160452.6, 2.7, 4.1, 0.0);
(558335.2, 4160462.6, 2.5, 2.5, 0.0); (558335.2, 4160472.6, 2.5, 2.5, 0.0);
(558335.2, 4160482.6, 2.4, 2.4, 0.0); (558335.2, 4160492.6, 2.4, 2.4, 0.0);
(558335.2, 4160502.6, 2.4, 2.4, 0.0); (558335.2, 4160512.6, 2.3, 2.3, 0.0);
(558335.2, 4160522.6, 2.0, 2.0, 0.0); (558335.2, 4160532.6, 1.5, 4.0, 0.0);
(558345.2, 4160362.6, 3.6, 3.6, 0.0); (558345.2, 4160372.6, 3.4, 3.4, 0.0);
(558345.2, 4160382.6, 3.1, 3.1, 0.0); (558345.2, 4160392.6, 3.4, 3.4, 0.0);
(558345.2, 4160402.6, 3.4, 3.4, 0.0); (558345.2, 4160412.6, 3.3, 3.3, 0.0);
(558345.2, 4160422.6, 3.2, 3.2, 0.0); (558345.2, 4160432.6, 3.2, 3.2, 0.0);
(558345.2, 4160442.6, 3.9, 4.1, 0.0); (558345.2, 4160452.6, 3.5, 3.5, 0.0);
(558345.2, 4160462.6, 2.6, 2.6, 0.0); (558345.2, 4160472.6, 2.3, 2.3, 0.0);
(558345.2, 4160482.6, 2.3, 2.3, 0.0); (558345.2, 4160492.6, 2.3, 2.3, 0.0);
(558345.2, 4160502.6, 2.4, 2.4, 0.0); (558345.2, 4160512.6, 2.4, 2.4, 0.0);
(558345.2, 4160522.6, 2.1, 2.1, 0.0); (558345.2, 4160532.6, 1.7, 3.9, 0.0);
(558355.2, 4160362.6, 3.8, 3.8, 0.0); (558355.2, 4160372.6, 3.6, 3.6, 0.0);
(558355.2, 4160382.6, 3.4, 3.4, 0.0); (558355.2, 4160392.6, 3.2, 3.2, 0.0);
(558355.2, 4160402.6, 3.4, 3.4, 0.0); (558355.2, 4160412.6, 3.3, 3.3, 0.0);
(558355.2, 4160422.6, 3.1, 3.1, 0.0); (558355.2, 4160432.6, 3.3, 3.3, 0.0);
(558355.2, 4160442.6, 3.4, 3.4, 0.0); (558355.2, 4160452.6, 3.3, 3.3, 0.0);
(558355.2, 4160462.6, 2.9, 2.9, 0.0); (558355.2, 4160472.6, 2.5, 2.5, 0.0);
(558355.2, 4160482.6, 2.1, 2.1, 0.0); (558355.2, 4160492.6, 2.1, 2.1, 0.0);
(558355.2, 4160502.6, 2.1, 2.1, 0.0); (558355.2, 4160512.6, 2.1, 2.1, 0.0);
(558355.2, 4160522.6, 2.0, 2.0, 0.0); (558355.2, 4160532.6, 1.9, 1.9, 0.0);
(558365.2, 4160362.6, 3.8, 3.8, 0.0); (558365.2, 4160372.6, 3.6, 3.6, 0.0);
(558365.2, 4160382.6, 3.5, 3.5, 0.0); (558365.2, 4160392.6, 3.3, 3.3, 0.0);
(558365.2, 4160402.6, 3.3, 3.3, 0.0); (558365.2, 4160412.6, 3.2, 3.2, 0.0);
(558365.2, 4160422.6, 3.2, 3.2, 0.0); (558365.2, 4160432.6, 3.3, 3.3, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(558365.2, 4160442.6, 3.4, 3.4, 0.0); (558365.2, 4160452.6, 3.0, 3.0, 0.0);
(558365.2, 4160462.6, 2.7, 2.7, 0.0); (558365.2, 4160472.6, 2.6, 2.6, 0.0);
(558365.2, 4160482.6, 2.3, 2.3, 0.0); (558365.2, 4160492.6, 2.2, 2.2, 0.0);

(558365.2, 4160502.6, 2.2, 2.2, 0.0); (558365.2, 4160512.6, 2.1, 2.1, 0.0);
(558365.2, 4160522.6, 2.0, 2.0, 0.0); (558365.2, 4160532.6, 2.0, 2.0, 0.0);
(558375.2, 4160362.6, 3.6, 3.6, 0.0); (558375.2, 4160372.6, 3.3, 3.3, 0.0);
(558375.2, 4160382.6, 3.2, 3.2, 0.0); (558375.2, 4160392.6, 3.5, 3.5, 0.0);
(558375.2, 4160402.6, 3.3, 3.3, 0.0); (558375.2, 4160412.6, 3.1, 3.1, 0.0);
(558375.2, 4160422.6, 3.2, 3.2, 0.0); (558375.2, 4160432.6, 3.2, 3.2, 0.0);
(558375.2, 4160442.6, 3.1, 3.1, 0.0); (558375.2, 4160452.6, 2.8, 2.8, 0.0);
(558375.2, 4160462.6, 2.6, 2.6, 0.0); (558375.2, 4160472.6, 2.6, 2.6, 0.0);
(558375.2, 4160482.6, 2.5, 2.5, 0.0); (558375.2, 4160492.6, 2.4, 2.4, 0.0);
(558375.2, 4160502.6, 2.3, 2.3, 0.0); (558375.2, 4160512.6, 2.2, 2.2, 0.0);
(558375.2, 4160522.6, 2.2, 2.2, 0.0); (558375.2, 4160532.6, 2.2, 2.2, 0.0);
(558385.2, 4160362.6, 3.6, 3.6, 0.0); (558385.2, 4160372.6, 3.0, 3.0, 0.0);
(558385.2, 4160382.6, 2.9, 2.9, 0.0); (558385.2, 4160392.6, 3.7, 3.7, 0.0);
(558385.2, 4160402.6, 3.5, 3.5, 0.0); (558385.2, 4160412.6, 3.3, 3.3, 0.0);
(558385.2, 4160422.6, 3.2, 3.2, 0.0); (558385.2, 4160432.6, 3.2, 3.2, 0.0);
(558385.2, 4160442.6, 2.9, 2.9, 0.0); (558385.2, 4160452.6, 2.7, 2.7, 0.0);
(558385.2, 4160462.6, 2.6, 2.6, 0.0); (558385.2, 4160472.6, 2.6, 2.6, 0.0);
(558385.2, 4160482.6, 2.6, 2.6, 0.0); (558385.2, 4160492.6, 2.6, 2.6, 0.0);
(558385.2, 4160502.6, 2.5, 2.5, 0.0); (558385.2, 4160512.6, 2.5, 2.5, 0.0);
(558385.2, 4160522.6, 2.5, 2.5, 0.0); (558385.2, 4160532.6, 2.5, 2.5, 0.0);
(558395.2, 4160362.6, 3.7, 3.7, 0.0); (558395.2, 4160372.6, 3.6, 3.6, 0.0);
(558395.2, 4160382.6, 3.6, 3.6, 0.0); (558395.2, 4160392.6, 3.6, 3.6, 0.0);
(558395.2, 4160402.6, 3.6, 3.6, 0.0); (558395.2, 4160412.6, 3.6, 3.6, 0.0);
(558395.2, 4160422.6, 3.6, 3.6, 0.0); (558395.2, 4160432.6, 3.4, 3.4, 0.0);
(558395.2, 4160442.6, 3.2, 3.2, 0.0); (558395.2, 4160452.6, 2.9, 2.9, 0.0);
(558395.2, 4160462.6, 2.8, 2.8, 0.0); (558395.2, 4160472.6, 2.8, 2.8, 0.0);
(558395.2, 4160482.6, 2.9, 2.9, 0.0); (558395.2, 4160492.6, 3.1, 3.1, 0.0);
(558395.2, 4160502.6, 3.1, 3.1, 0.0); (558395.2, 4160512.6, 2.9, 2.9, 0.0);
(557513.5, 4160678.8, 3.9, 3.9, 1.5); (557513.5, 4160688.8, 3.9, 3.9, 1.5);
(557513.5, 4160698.8, 4.0, 4.0, 1.5); (557513.5, 4160708.8, 4.0, 4.0, 1.5);
(557513.5, 4160718.8, 3.9, 3.9, 1.5); (557513.5, 4160728.8, 3.9, 3.9, 1.5);
(557523.5, 4160678.8, 4.2, 4.2, 1.5); (557523.5, 4160688.8, 4.2, 4.2, 1.5);
(557523.5, 4160698.8, 4.2, 4.2, 1.5); (557523.5, 4160708.8, 4.2, 4.2, 1.5);
(557523.5, 4160718.8, 4.2, 4.2, 1.5); (557523.5, 4160728.8, 4.1, 4.1, 1.5);
(557533.5, 4160678.8, 4.3, 4.3, 1.5); (557533.5, 4160688.8, 4.2, 4.2, 1.5);
(557533.5, 4160698.8, 4.3, 4.3, 1.5); (557533.5, 4160708.8, 4.3, 4.3, 1.5);
(557533.5, 4160718.8, 4.3, 4.3, 1.5); (557533.5, 4160728.8, 4.3, 4.3, 1.5);
(557543.5, 4160678.8, 4.4, 4.4, 1.5); (557543.5, 4160688.8, 4.4, 4.4, 1.5);
(557543.5, 4160698.8, 4.5, 4.5, 1.5); (557543.5, 4160708.8, 4.4, 4.4, 1.5);
(557543.5, 4160718.8, 4.4, 4.4, 1.5); (557543.5, 4160728.8, 4.4, 4.4, 1.5);
(557553.5, 4160678.8, 4.0, 4.0, 1.5); (557553.5, 4160688.8, 4.1, 4.1, 1.5);
(557553.5, 4160698.8, 4.1, 4.1, 1.5); (557553.5, 4160708.8, 4.1, 4.1, 1.5);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(557553.5, 4160718.8, 4.2, 4.2, 1.5); (557553.5, 4160728.8, 4.2, 4.2, 1.5);
(557563.5, 4160678.8, 3.7, 3.7, 1.5); (557563.5, 4160688.8, 3.9, 3.9, 1.5);

(557563.5, 4160698.8, 4.0, 4.0, 1.5); (557563.5, 4160708.8, 4.1, 4.1, 1.5);
(557563.5, 4160718.8, 4.2, 4.2, 1.5); (557563.5, 4160728.8, 4.2, 4.2, 1.5);
(557573.5, 4160678.8, 4.1, 4.1, 1.5); (557573.5, 4160688.8, 4.0, 4.0, 1.5);
(557573.5, 4160698.8, 4.1, 4.1, 1.5); (557573.5, 4160708.8, 4.1, 4.1, 1.5);
(557573.5, 4160718.8, 4.3, 4.3, 1.5); (557573.5, 4160728.8, 4.3, 4.3, 1.5);
(557583.5, 4160678.8, 4.3, 4.3, 1.5); (557583.5, 4160688.8, 4.3, 4.3, 1.5);
(557583.5, 4160698.8, 4.3, 4.3, 1.5); (557583.5, 4160708.8, 4.1, 4.1, 1.5);
(557583.5, 4160718.8, 4.3, 4.3, 1.5); (557583.5, 4160728.8, 4.4, 4.4, 1.5);
(557593.5, 4160678.8, 4.3, 4.3, 1.5); (557593.5, 4160688.8, 4.3, 4.3, 1.5);
(557593.5, 4160698.8, 4.3, 4.3, 1.5); (557593.5, 4160708.8, 4.3, 4.3, 1.5);
(557593.5, 4160718.8, 4.4, 4.4, 1.5); (557593.5, 4160728.8, 4.5, 4.5, 1.5);
(557603.5, 4160678.8, 4.4, 4.4, 1.5); (557603.5, 4160688.8, 4.3, 4.3, 1.5);
(557603.5, 4160698.8, 4.3, 4.3, 1.5); (557603.5, 4160708.8, 4.4, 4.4, 1.5);
(557603.5, 4160718.8, 4.3, 4.3, 1.5); (557613.5, 4160678.8, 4.0, 4.0, 1.5);
(557613.5, 4160688.8, 4.1, 4.1, 1.5); (557613.5, 4160698.8, 4.3, 4.3, 1.5);
(557613.5, 4160708.8, 4.3, 4.3, 1.5); (557623.5, 4160688.8, 4.2, 4.2, 1.5);
(557623.5, 4160698.8, 4.3, 4.3, 1.5); (557623.5, 4160708.8, 4.2, 4.2, 1.5);
(558477.7, 4160568.9, 2.1, 6.2, 1.5); (558477.7, 4160578.9, 2.4, 6.2, 1.5);
(558477.7, 4160588.9, 2.6, 6.2, 1.5); (558477.7, 4160598.9, 2.8, 6.2, 1.5);
(558487.7, 4160568.9, 4.3, 5.0, 1.5); (558487.7, 4160578.9, 4.6, 5.8, 1.5);
(558487.7, 4160588.9, 5.0, 6.2, 1.5); (558487.7, 4160598.9, 5.3, 6.2, 1.5);
(558497.7, 4160568.9, 4.9, 4.9, 1.5); (558497.7, 4160578.9, 5.3, 5.3, 1.5);
(558497.7, 4160588.9, 5.6, 5.6, 1.5); (558497.7, 4160598.9, 5.9, 5.9, 1.5);
(558507.7, 4160568.9, 4.7, 4.7, 1.5); (558507.7, 4160578.9, 5.3, 5.3, 1.5);
(558507.7, 4160588.9, 5.4, 5.4, 1.5); (558507.7, 4160598.9, 5.6, 5.6, 1.5);
(558517.7, 4160568.9, 4.8, 4.8, 1.5); (558517.7, 4160578.9, 5.3, 5.3, 1.5);
(558517.7, 4160588.9, 5.5, 5.5, 1.5); (558517.7, 4160598.9, 5.6, 5.6, 1.5);
(558527.7, 4160568.9, 5.1, 5.1, 1.5); (558527.7, 4160578.9, 5.4, 5.4, 1.5);
(558527.7, 4160588.9, 5.6, 5.6, 1.5); (558527.7, 4160598.9, 5.6, 5.6, 1.5);
(558537.7, 4160568.9, 5.1, 5.1, 1.5); (558537.7, 4160578.9, 5.4, 5.4, 1.5);
(558537.7, 4160588.9, 5.6, 5.6, 1.5); (558537.7, 4160598.9, 5.7, 5.7, 1.5);
(558547.7, 4160568.9, 5.2, 5.2, 1.5); (558547.7, 4160578.9, 5.4, 5.4, 1.5);
(558547.7, 4160588.9, 5.7, 5.7, 1.5); (558557.7, 4160568.9, 5.0, 5.0, 1.5);
(558600.6, 4160569.2, 1.8, 6.0, 0.0); (558600.6, 4160579.2, 1.6, 6.0, 0.0);
(558600.6, 4160589.2, 1.6, 6.2, 0.0); (558600.6, 4160599.2, 1.8, 6.2, 0.0);
(558610.6, 4160569.2, 1.8, 1.8, 0.0); (558610.6, 4160579.2, 1.6, 6.0, 0.0);
(558610.6, 4160589.2, 1.7, 6.0, 0.0); (558610.6, 4160599.2, 1.8, 6.0, 0.0);
(558620.6, 4160569.2, 2.0, 2.0, 0.0); (558620.6, 4160579.2, 1.7, 1.7, 0.0);
(558620.6, 4160589.2, 1.9, 1.9, 0.0); (558620.6, 4160599.2, 2.1, 2.1, 0.0);
(558630.6, 4160569.2, 2.0, 2.0, 0.0); (558630.6, 4160579.2, 2.0, 2.0, 0.0);
(558630.6, 4160589.2, 2.0, 2.0, 0.0); (558630.6, 4160599.2, 2.0, 2.0, 0.0);
(558640.6, 4160569.2, 1.9, 1.9, 0.0); (558640.6, 4160579.2, 1.9, 1.9, 0.0);
(558640.6, 4160589.2, 1.7, 1.7, 0.0); (558640.6, 4160599.2, 1.6, 1.6, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(558650.6, 4160569.2, 1.7, 1.7, 0.0); (558650.6, 4160579.2, 1.6, 1.6, 0.0);

(558650.6, 4160589.2, 1.4, 1.4, 0.0); (558650.6, 4160599.2, 1.4, 1.4, 0.0);
(558660.6, 4160569.2, 1.8, 1.8, 0.0); (558660.6, 4160579.2, 1.7, 1.7, 0.0);
(558660.6, 4160589.2, 1.4, 1.4, 0.0); (558660.6, 4160599.2, 1.5, 1.5, 0.0);
(558670.6, 4160569.2, 1.7, 1.7, 0.0); (558670.6, 4160579.2, 1.5, 1.5, 0.0);
(558670.6, 4160589.2, 1.2, 1.2, 0.0); (558495.4, 4160499.5, 1.5, 1.5, 1.5);
(558495.4, 4160509.5, 1.5, 1.5, 1.5); (558495.4, 4160519.5, 1.3, 1.3, 1.5);
(558495.4, 4160529.5, 1.4, 1.4, 1.5); (558505.4, 4160499.5, 1.4, 1.4, 1.5);
(558505.4, 4160509.5, 1.5, 1.5, 1.5); (558505.4, 4160519.5, 1.3, 1.3, 1.5);
(558505.4, 4160529.5, 1.3, 1.3, 1.5); (558515.4, 4160499.5, 1.2, 1.2, 1.5);
(558515.4, 4160509.5, 1.1, 1.1, 1.5); (558515.4, 4160519.5, 1.1, 1.1, 1.5);
(558515.4, 4160529.5, 1.0, 4.1, 1.5); (558525.4, 4160499.5, 1.5, 1.5, 1.5);
(558525.4, 4160509.5, 1.3, 1.3, 1.5); (558525.4, 4160519.5, 1.3, 3.8, 1.5);
(558525.4, 4160529.5, 1.2, 5.2, 1.5); (558535.4, 4160499.5, 1.4, 1.4, 1.5);
(558535.4, 4160509.5, 1.3, 1.3, 1.5); (558535.4, 4160519.5, 1.2, 4.6, 1.5);
(558535.4, 4160529.5, 1.5, 4.6, 1.5); (558545.4, 4160499.5, 1.6, 1.6, 1.5);
(558545.4, 4160509.5, 1.5, 1.5, 1.5); (558545.4, 4160519.5, 1.5, 4.6, 1.5);
(558545.4, 4160529.5, 1.8, 4.6, 1.5); (558555.4, 4160499.5, 1.6, 1.6, 1.5);
(558555.4, 4160509.5, 1.7, 1.7, 1.5); (558555.4, 4160519.5, 2.0, 4.2, 1.5);
(558555.4, 4160529.5, 2.1, 4.6, 1.5); (558565.4, 4160499.5, 2.1, 2.1, 1.5);
(558565.4, 4160509.5, 2.0, 2.0, 1.5); (558565.4, 4160519.5, 2.0, 2.0, 1.5);
(558565.4, 4160529.5, 1.9, 4.6, 1.5); (558619.0, 4160498.9, 2.3, 2.3, 1.5);
(558619.0, 4160508.9, 2.4, 2.4, 1.5); (558619.0, 4160518.9, 2.3, 2.3, 1.5);
(558619.0, 4160528.9, 2.2, 2.2, 1.5); (558629.0, 4160498.9, 2.1, 2.1, 1.5);
(558629.0, 4160508.9, 2.1, 2.1, 1.5); (558629.0, 4160518.9, 2.2, 2.2, 1.5);
(558629.0, 4160528.9, 2.2, 2.2, 1.5); (558639.0, 4160498.9, 2.2, 2.2, 1.5);
(558639.0, 4160508.9, 2.1, 2.1, 1.5); (558639.0, 4160518.9, 2.0, 2.0, 1.5);
(558639.0, 4160528.9, 2.0, 2.0, 1.5); (558649.0, 4160498.9, 2.2, 2.2, 1.5);
(558649.0, 4160508.9, 2.1, 2.1, 1.5); (558649.0, 4160518.9, 2.0, 2.0, 1.5);
(558649.0, 4160528.9, 1.9, 1.9, 1.5); (558659.0, 4160498.9, 2.0, 2.0, 1.5);
(558659.0, 4160508.9, 1.9, 1.9, 1.5); (558659.0, 4160518.9, 2.0, 2.0, 1.5);
(558659.0, 4160528.9, 1.9, 1.9, 1.5); (558669.0, 4160498.9, 2.1, 2.1, 1.5);
(558669.0, 4160508.9, 2.0, 2.0, 1.5); (558669.0, 4160518.9, 2.1, 2.1, 1.5);
(558669.0, 4160528.9, 2.0, 2.0, 1.5); (558679.0, 4160498.9, 2.1, 2.1, 1.5);
(558679.0, 4160508.9, 2.1, 2.1, 1.5); (558679.0, 4160518.9, 2.2, 2.2, 1.5);
(558679.0, 4160528.9, 2.2, 2.2, 1.5); (558689.0, 4160498.9, 2.2, 2.2, 1.5);
(558689.0, 4160508.9, 2.2, 2.2, 1.5); (558689.0, 4160518.9, 2.2, 2.2, 1.5);
(558444.4, 4160372.3, 1.9, 3.6, 1.5); (558454.4, 4160382.3, 3.6, 3.6, 1.5);
(558454.4, 4160392.3, 3.6, 3.6, 1.5); (558454.4, 4160402.3, 3.5, 3.5, 1.5);
(558464.4, 4160382.3, 3.6, 3.6, 1.5); (558464.4, 4160392.3, 3.6, 3.6, 1.5);
(558464.4, 4160402.3, 3.5, 3.5, 1.5); (558474.4, 4160382.3, 3.7, 3.7, 1.5);
(558474.4, 4160392.3, 3.8, 3.8, 1.5); (558474.4, 4160402.3, 3.8, 3.8, 1.5);
(558484.4, 4160382.3, 3.8, 3.8, 1.5); (558484.4, 4160392.3, 4.2, 4.2, 1.5);
(558484.4, 4160402.3, 4.6, 4.6, 1.5); (558494.4, 4160382.3, 3.8, 3.8, 1.5);
(558494.4, 4160392.3, 4.3, 4.3, 1.5); (558494.4, 4160402.3, 4.7, 5.0, 1.5);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(558504.4, 4160382.3, 3.8, 3.8, 1.5); (558504.4, 4160392.3, 3.6, 3.6, 1.5);
(558504.4, 4160402.3, 3.1, 5.0, 1.5); (558514.4, 4160382.3, 3.7, 3.7, 1.5);
(558514.4, 4160392.3, 3.6, 3.6, 1.5); (558514.4, 4160402.3, 2.9, 2.9, 1.5);
(558524.4, 4160392.3, 3.5, 3.5, 1.5); (558524.4, 4160402.3, 3.0, 3.0, 1.5);
(558581.8, 4160392.4, 2.8, 2.8, 0.0); (558581.8, 4160402.4, 2.6, 2.6, 0.0);
(558581.8, 4160412.4, 2.4, 2.4, 0.0); (558581.8, 4160422.4, 2.3, 2.3, 0.0);
(558591.8, 4160392.4, 2.8, 2.8, 0.0); (558591.8, 4160402.4, 2.6, 2.6, 0.0);
(558591.8, 4160412.4, 2.5, 2.5, 0.0); (558591.8, 4160422.4, 2.3, 2.3, 0.0);
(558601.8, 4160382.4, 3.0, 3.0, 0.0); (558601.8, 4160392.4, 2.8, 2.8, 0.0);
(558601.8, 4160402.4, 2.5, 2.5, 0.0); (558601.8, 4160412.4, 2.3, 2.3, 0.0);
(558601.8, 4160422.4, 2.2, 2.2, 0.0); (558611.8, 4160382.4, 3.4, 3.4, 0.0);
(558611.8, 4160392.4, 3.3, 3.3, 0.0); (558611.8, 4160402.4, 2.7, 2.7, 0.0);
(558611.8, 4160412.4, 2.2, 2.2, 0.0); (558611.8, 4160422.4, 2.1, 2.1, 0.0);
(558621.8, 4160382.4, 3.5, 3.5, 0.0); (558621.8, 4160392.4, 3.3, 3.3, 0.0);
(558621.8, 4160402.4, 2.9, 2.9, 0.0); (558621.8, 4160412.4, 2.2, 2.2, 0.0);
(558621.8, 4160422.4, 2.1, 2.1, 0.0); (558631.8, 4160382.4, 3.5, 3.5, 0.0);
(558631.8, 4160392.4, 3.4, 3.4, 0.0); (558631.8, 4160402.4, 2.9, 2.9, 0.0);
(558641.8, 4160382.4, 3.8, 3.8, 0.0); (558641.8, 4160392.4, 3.5, 3.5, 0.0);
(558641.8, 4160402.4, 2.9, 2.9, 0.0); (558651.8, 4160382.4, 3.6, 3.6, 0.0);
(558651.8, 4160392.4, 3.3, 3.3, 0.0); (558651.8, 4160402.4, 2.8, 2.8, 0.0);
(558661.8, 4160382.4, 3.5, 3.5, 0.0); (558661.8, 4160392.4, 3.4, 3.4, 0.0);
(558661.8, 4160402.4, 2.8, 2.8, 0.0); (558671.8, 4160362.4, 3.6, 3.6, 0.0);
(558671.8, 4160372.4, 3.7, 3.7, 0.0); (558671.8, 4160382.4, 3.6, 3.6, 0.0);
(558671.8, 4160392.4, 3.4, 3.4, 0.0); (558671.8, 4160402.4, 2.9, 2.9, 0.0);
(558681.8, 4160362.4, 3.7, 3.7, 0.0); (558681.8, 4160372.4, 4.3, 4.3, 0.0);
(558681.8, 4160382.4, 3.9, 3.9, 0.0); (558681.8, 4160392.4, 3.7, 3.7, 0.0);
(558681.8, 4160402.4, 3.4, 3.4, 0.0); (558691.8, 4160362.4, 3.6, 3.6, 0.0);
(558691.8, 4160372.4, 3.7, 3.7, 0.0); (558691.8, 4160382.4, 3.8, 3.8, 0.0);
(558691.8, 4160392.4, 3.6, 3.6, 0.0); (558691.8, 4160402.4, 3.3, 3.3, 0.0);
(558701.8, 4160362.4, 3.5, 3.5, 0.0); (558701.8, 4160372.4, 3.5, 3.5, 0.0);
(558701.8, 4160382.4, 3.5, 3.5, 0.0); (558701.8, 4160392.4, 3.4, 3.4, 0.0);
(558701.8, 4160402.4, 3.2, 3.2, 0.0); (558711.8, 4160362.4, 3.6, 3.6, 0.0);
(558711.8, 4160372.4, 3.5, 3.5, 0.0); (558711.8, 4160382.4, 3.5, 3.5, 0.0);
(558711.8, 4160392.4, 3.3, 3.3, 0.0); (558711.8, 4160402.4, 2.9, 2.9, 0.0);
(558721.8, 4160362.4, 3.6, 3.6, 0.0); (558721.8, 4160372.4, 3.6, 3.6, 0.0);
(558721.8, 4160382.4, 3.0, 3.0, 0.0); (558721.8, 4160392.4, 3.2, 3.2, 0.0);
(558721.8, 4160402.4, 2.8, 2.8, 0.0); (558690.1, 4160295.2, 3.9, 3.9, 1.5);
(558690.1, 4160305.2, 4.0, 4.0, 1.5); (558690.1, 4160315.2, 4.0, 4.0, 1.5);
(558690.1, 4160325.2, 4.0, 4.0, 1.5); (558690.1, 4160335.2, 3.9, 3.9, 1.5);
(558700.1, 4160295.2, 4.1, 4.1, 1.5); (558700.1, 4160305.2, 4.0, 4.0, 1.5);
(558700.1, 4160315.2, 4.0, 4.0, 1.5); (558700.1, 4160325.2, 4.1, 4.1, 1.5);
(558700.1, 4160335.2, 4.0, 4.0, 1.5); (558710.1, 4160295.2, 4.1, 4.1, 1.5);
(558710.1, 4160305.2, 4.0, 4.0, 1.5); (558710.1, 4160315.2, 4.0, 4.0, 1.5);
(558710.1, 4160325.2, 4.0, 4.0, 1.5); (558710.1, 4160335.2, 4.0, 4.0, 1.5);
(558720.1, 4160295.2, 4.0, 4.0, 1.5); (558720.1, 4160305.2, 4.0, 4.0, 1.5);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(558720.1, 4160315.2, 4.0, 4.0, 1.5); (558720.1, 4160325.2, 3.9, 3.9, 1.5);
(558612.7, 4160297.3, 3.7, 3.7, 1.5); (558612.7, 4160307.3, 3.7, 3.7, 1.5);
(558612.7, 4160317.3, 3.7, 3.7, 1.5); (558612.7, 4160327.3, 3.7, 3.7, 1.5);
(558612.7, 4160337.3, 3.6, 3.6, 1.5); (558622.7, 4160297.3, 3.7, 3.7, 1.5);
(558622.7, 4160307.3, 3.7, 3.7, 1.5); (558622.7, 4160317.3, 3.7, 3.7, 1.5);
(558622.7, 4160327.3, 3.7, 3.7, 1.5); (558622.7, 4160337.3, 3.6, 3.6, 1.5);
(558632.7, 4160297.3, 3.7, 3.7, 1.5); (558632.7, 4160307.3, 3.7, 3.7, 1.5);
(558632.7, 4160317.3, 3.7, 3.7, 1.5); (558632.7, 4160327.3, 3.7, 3.7, 1.5);
(558632.7, 4160337.3, 3.6, 3.6, 1.5); (558642.7, 4160297.3, 3.4, 3.4, 1.5);
(558642.7, 4160307.3, 3.7, 3.7, 1.5); (558642.7, 4160317.3, 3.7, 3.7, 1.5);
(558642.7, 4160327.3, 3.7, 3.7, 1.5); (558642.7, 4160337.3, 3.6, 3.6, 1.5);
(558652.7, 4160297.3, 3.5, 3.5, 1.5); (558652.7, 4160307.3, 3.7, 3.7, 1.5);
(558652.7, 4160317.3, 3.7, 3.7, 1.5); (558652.7, 4160327.3, 3.7, 3.7, 1.5);
(558652.7, 4160337.3, 3.6, 3.6, 1.5); (558662.7, 4160297.3, 3.4, 3.4, 1.5);
(558662.7, 4160307.3, 3.6, 3.6, 1.5); (558662.7, 4160317.3, 3.8, 3.8, 1.5);
(558662.7, 4160327.3, 3.8, 3.8, 1.5); (558662.7, 4160337.3, 3.7, 3.7, 1.5);
(558672.7, 4160297.3, 3.7, 3.7, 1.5); (558672.7, 4160307.3, 3.7, 3.7, 1.5);
(558672.7, 4160317.3, 3.7, 3.7, 1.5); (558672.7, 4160327.3, 3.8, 3.8, 1.5);
(558672.7, 4160337.3, 3.7, 3.7, 1.5); (558543.6, 4160290.6, 3.4, 3.4, 0.0);
(558553.6, 4160300.6, 3.6, 3.6, 0.0); (558553.6, 4160310.6, 3.7, 3.7, 0.0);
(558553.6, 4160320.6, 3.6, 3.6, 0.0); (558553.6, 4160330.6, 3.6, 3.6, 0.0);
(558563.6, 4160300.6, 3.7, 3.7, 0.0); (558563.6, 4160310.6, 3.7, 3.7, 0.0);
(558563.6, 4160320.6, 3.6, 3.6, 0.0); (558563.6, 4160330.6, 3.6, 3.6, 0.0);
(558573.6, 4160300.6, 3.7, 3.7, 0.0); (558573.6, 4160310.6, 3.8, 3.8, 0.0);
(558573.6, 4160320.6, 3.7, 3.7, 0.0); (558573.6, 4160330.6, 3.7, 3.7, 0.0);
(558583.6, 4160300.6, 3.8, 3.8, 0.0); (558583.6, 4160310.6, 3.8, 3.8, 0.0);
(558583.6, 4160320.6, 3.7, 3.7, 0.0); (558583.6, 4160330.6, 3.7, 3.7, 0.0);
(558593.6, 4160330.6, 3.6, 3.6, 0.0); (558455.4, 4160303.6, 3.5, 3.5, 0.0);
(558455.4, 4160313.6, 3.6, 3.6, 0.0); (558455.4, 4160323.6, 3.6, 3.6, 0.0);
(558455.4, 4160333.6, 3.6, 3.6, 0.0); (558455.4, 4160343.6, 3.6, 3.6, 0.0);
(558465.4, 4160303.6, 3.6, 3.6, 0.0); (558465.4, 4160313.6, 3.6, 3.6, 0.0);
(558465.4, 4160323.6, 3.6, 3.6, 0.0); (558465.4, 4160333.6, 3.7, 3.7, 0.0);
(558465.4, 4160343.6, 3.6, 3.6, 0.0); (558475.4, 4160303.6, 3.7, 3.7, 0.0);
(558475.4, 4160313.6, 3.7, 3.7, 0.0); (558475.4, 4160323.6, 3.7, 3.7, 0.0);
(558475.4, 4160333.6, 3.6, 3.6, 0.0); (558475.4, 4160343.6, 3.6, 3.6, 0.0);
(558485.4, 4160303.6, 3.7, 3.7, 0.0); (558485.4, 4160313.6, 4.0, 4.0, 0.0);
(558485.4, 4160323.6, 3.7, 3.7, 0.0); (558485.4, 4160333.6, 3.7, 3.7, 0.0);
(558485.4, 4160343.6, 3.6, 3.6, 0.0); (558495.4, 4160303.6, 3.7, 3.7, 0.0);
(558495.4, 4160313.6, 3.7, 3.7, 0.0); (558495.4, 4160323.6, 3.7, 3.7, 0.0);
(558495.4, 4160333.6, 3.7, 3.7, 0.0); (558495.4, 4160343.6, 3.5, 3.5, 0.0);
(558505.4, 4160303.6, 3.6, 3.6, 0.0); (558505.4, 4160313.6, 3.7, 3.7, 0.0);
(558505.4, 4160323.6, 3.7, 3.7, 0.0); (558505.4, 4160333.6, 3.6, 3.6, 0.0);
(558515.4, 4160303.6, 3.6, 3.6, 0.0); (558515.4, 4160313.6, 3.6, 3.6, 0.0);
(558515.4, 4160323.6, 3.7, 3.7, 0.0); (558515.4, 4160333.6, 3.6, 3.6, 0.0);
(558525.4, 4160303.6, 3.6, 3.6, 0.0); (558525.4, 4160313.6, 3.6, 3.6, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(558525.4, 4160323.6, 3.6, 3.6, 0.0); (558525.4, 4160333.6, 3.6, 3.6, 0.0);
(558535.4, 4160303.6, 3.6, 3.6, 0.0); (558535.4, 4160313.6, 3.6, 3.6, 0.0);
(558535.4, 4160323.6, 3.6, 3.6, 0.0); (558535.4, 4160333.6, 3.7, 3.7, 0.0);
(558616.7, 4160230.0, 3.5, 3.5, 0.0); (558616.7, 4160240.0, 3.5, 3.5, 0.0);
(558616.7, 4160250.0, 3.4, 3.4, 0.0); (558626.7, 4160230.0, 3.5, 3.5, 0.0);
(558626.7, 4160240.0, 3.6, 3.6, 0.0); (558626.7, 4160250.0, 3.4, 3.4, 0.0);
(558636.7, 4160230.0, 3.6, 3.6, 0.0); (558636.7, 4160240.0, 3.6, 3.6, 0.0);
(558636.7, 4160250.0, 3.5, 3.5, 0.0); (558646.7, 4160230.0, 3.7, 3.7, 0.0);
(558646.7, 4160240.0, 3.8, 3.8, 0.0); (558646.7, 4160250.0, 3.6, 3.6, 0.0);
(558656.7, 4160230.0, 3.7, 3.7, 0.0); (558656.7, 4160240.0, 3.8, 3.8, 0.0);
(558666.7, 4160230.0, 3.7, 3.7, 0.0); (558666.7, 4160240.0, 3.8, 3.8, 0.0);
(558676.7, 4160230.0, 3.9, 3.9, 0.0); (558676.7, 4160240.0, 3.9, 3.9, 0.0);
(558686.7, 4160230.0, 3.9, 3.9, 0.0); (558686.7, 4160240.0, 4.0, 4.0, 0.0);
(558696.7, 4160230.0, 3.9, 3.9, 0.0); (558696.7, 4160240.0, 3.9, 3.9, 0.0);
(558706.7, 4160230.0, 4.0, 4.0, 0.0); (558706.7, 4160240.0, 3.9, 3.9, 0.0);
(558716.7, 4160230.0, 3.9, 3.9, 0.0); (558716.7, 4160240.0, 3.8, 3.8, 0.0);
(558420.2, 4160235.8, 3.2, 3.2, 0.0); (558420.2, 4160245.8, 3.1, 3.1, 0.0);
(558420.2, 4160255.8, 3.1, 3.1, 0.0); (558430.2, 4160235.8, 3.3, 3.3, 0.0);
(558430.2, 4160245.8, 3.3, 3.3, 0.0); (558430.2, 4160255.8, 3.3, 3.3, 0.0);
(558440.2, 4160235.8, 3.3, 3.3, 0.0); (558440.2, 4160245.8, 3.3, 3.3, 0.0);
(558440.2, 4160255.8, 3.4, 3.4, 0.0); (558450.2, 4160235.8, 3.6, 3.6, 0.0);
(558450.2, 4160245.8, 3.6, 3.6, 0.0); (558450.2, 4160255.8, 3.7, 3.7, 0.0);
(558460.2, 4160235.8, 3.8, 3.8, 0.0); (558460.2, 4160245.8, 3.9, 3.9, 0.0);
(558460.2, 4160255.8, 3.8, 3.8, 0.0); (558470.2, 4160235.8, 3.9, 3.9, 0.0);
(558470.2, 4160245.8, 3.9, 3.9, 0.0); (558470.2, 4160255.8, 3.8, 3.8, 0.0);
(558480.2, 4160235.8, 4.0, 4.0, 0.0); (558480.2, 4160245.8, 3.9, 3.9, 0.0);
(558480.2, 4160255.8, 3.8, 3.8, 0.0); (558490.2, 4160235.8, 4.0, 4.0, 0.0);
(558490.2, 4160245.8, 4.1, 4.1, 0.0); (558490.2, 4160255.8, 3.9, 3.9, 0.0);
(558500.2, 4160235.8, 3.9, 3.9, 0.0); (558500.2, 4160245.8, 3.9, 3.9, 0.0);
(558500.2, 4160255.8, 3.8, 3.8, 0.0); (558510.2, 4160235.8, 3.8, 3.8, 0.0);
(558510.2, 4160245.8, 3.7, 3.7, 0.0); (558510.2, 4160255.8, 3.6, 3.6, 0.0);
(558520.2, 4160235.8, 3.7, 3.7, 0.0); (558520.2, 4160245.8, 3.7, 3.7, 0.0);
(558520.2, 4160255.8, 3.6, 3.6, 0.0); (558530.2, 4160235.8, 3.8, 3.8, 0.0);
(558530.2, 4160245.8, 3.9, 3.9, 0.0); (558530.2, 4160255.8, 3.6, 3.6, 0.0);
(558540.2, 4160235.8, 3.8, 3.8, 0.0); (558540.2, 4160245.8, 3.8, 3.8, 0.0);
(558540.2, 4160255.8, 3.6, 3.6, 0.0); (558550.2, 4160235.8, 3.8, 3.8, 0.0);
(558550.2, 4160245.8, 3.9, 3.9, 0.0); (558550.2, 4160255.8, 3.7, 3.7, 0.0);
(558560.2, 4160235.8, 3.6, 3.6, 0.0); (558560.2, 4160245.8, 3.2, 3.2, 0.0);
(558560.2, 4160255.8, 2.9, 3.9, 0.0); (558570.2, 4160235.8, 3.9, 3.9, 0.0);
(558570.2, 4160245.8, 3.9, 3.9, 0.0); (558570.2, 4160255.8, 3.7, 3.7, 0.0);
(558580.2, 4160235.8, 3.9, 3.9, 0.0); (558580.2, 4160245.8, 3.8, 3.8, 0.0);
(558590.2, 4160235.8, 3.6, 3.6, 0.0); (558590.2, 4160245.8, 3.7, 3.7, 0.0);
(558600.2, 4160245.8, 3.5, 3.5, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000002	558388.5	4160612.3	-0.57
L0000002	558398.5	4160612.3	-0.74
L0000007	558527.7	4160598.9	0.93
L0000008	558537.7	4160588.9	0.96
L0000008	558537.7	4160598.9	-6.35
L0000008	558547.7	4160588.9	-3.51
L0000009	558547.7	4160578.9	-2.97
L0000009	558547.7	4160588.9	-5.26
L0000009	558557.7	4160568.9	-3.86
L0000010	558557.7	4160568.9	-5.23
L0000010	558600.6	4160569.2	-6.03
L0000010	558600.6	4160579.2	-1.43
L0000011	558565.4	4160519.5	-2.03
L0000011	558565.4	4160529.5	-6.83
L0000012	558565.4	4160499.5	0.14
L0000012	558565.4	4160509.5	-1.36
L0000012	558565.4	4160519.5	0.77
L0000012	558619.0	4160498.9	0.75
L0000012	558619.0	4160508.9	-0.94
L0000012	558619.0	4160518.9	0.95
L0000013	558619.0	4160498.9	-3.04
L0000015	558621.8	4160422.4	0.59
L0000018	558711.8	4160402.4	-1.54
L0000018	558721.8	4160402.4	-3.26
L0000019	558711.8	4160402.4	-1.00
L0000019	558721.8	4160392.4	-5.94
L0000019	558721.8	4160402.4	-10.78
L0000020	558711.8	4160382.4	0.68
L0000020	558721.8	4160362.4	-2.99
L0000020	558721.8	4160372.4	-8.29
L0000020	558721.8	4160382.4	-9.23
L0000020	558721.8	4160392.4	-5.27
L0000021	558721.8	4160362.4	-5.83
L0000021	558721.8	4160372.4	0.54
L0000022	558720.1	4160305.2	-0.18
L0000022	558720.1	4160315.2	-5.36
L0000022	558720.1	4160325.2	-6.76
L0000023	558720.1	4160295.2	-6.58
L0000023	558720.1	4160305.2	-4.40
L0000025	558716.7	4160240.0	0.96

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000034	558378.5	4160612.3	0.92
L0000035	558388.5	4160612.3	-0.36
L0000035	558398.5	4160612.3	-0.48
L0000041	558537.7	4160598.9	-6.09
L0000041	558547.7	4160588.9	-3.20
L0000042	558547.7	4160578.9	-3.01
L0000042	558547.7	4160588.9	-5.39
L0000042	558557.7	4160568.9	-3.78
L0000043	558557.7	4160568.9	-5.26
L0000043	558600.6	4160569.2	-6.13
L0000043	558600.6	4160579.2	-1.59
L0000044	558565.4	4160519.5	-1.91
L0000044	558565.4	4160529.5	-6.79
L0000045	558565.4	4160499.5	0.06
L0000045	558565.4	4160509.5	-1.51
L0000045	558565.4	4160519.5	0.57
L0000045	558619.0	4160498.9	0.94
L0000045	558619.0	4160508.9	-0.80
L0000046	558619.0	4160498.9	-3.15
L0000048	558621.8	4160422.4	0.59
L0000051	558711.8	4160402.4	-1.51
L0000051	558721.8	4160402.4	-3.26
L0000052	558711.8	4160402.4	-0.99
L0000052	558721.8	4160392.4	-5.87
L0000052	558721.8	4160402.4	-10.76
L0000053	558711.8	4160382.4	0.57
L0000053	558721.8	4160362.4	-3.14
L0000053	558721.8	4160372.4	-8.43
L0000053	558721.8	4160382.4	-9.33
L0000053	558721.8	4160392.4	-5.31
L0000054	558721.8	4160362.4	-5.66
L0000054	558721.8	4160372.4	0.71
L0000055	558720.1	4160305.2	-0.20
L0000055	558720.1	4160315.2	-5.35
L0000055	558720.1	4160325.2	-6.70
L0000056	558720.1	4160295.2	-6.48
L0000056	558720.1	4160305.2	-4.28
L0000058	558716.7	4160240.0	0.83

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

1 1 1

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13 01 01   1 20  -11.6  0.142 -9.000 -9.000 -999.  130.    22.5  0.04   0.49   1.00   2.11  146.   10.0  281.4    2.0
13 01 01   1 21   -7.9  0.116 -9.000 -9.000 -999.   95.    18.2  0.04   0.49   1.00   1.76  130.   10.0  280.9    2.0
13 01 01   1 22  -11.2  0.140 -9.000 -9.000 -999.  125.    22.2  0.04   0.49   1.00   2.08  137.   10.0  281.4    2.0
13 01 01   1 23   -6.3  0.103 -9.000 -9.000 -999.   80.    16.0  0.04   0.49   1.00   1.57  143.   10.0  280.4    2.0
13 01 01   1 24  -10.2  0.132 -9.000 -9.000 -999.  115.    20.8  0.04   0.49   1.00   1.98  126.   10.0  278.8    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 13 01 01 01   10.0 1  164.    0.83   279.9   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Projects\410 Airport_DPM\410
Airport_DPM.isc    ***       05/01/24
 *** AERMET - VERSION  18081 ***   ***                                                    ***       08:36:17
                                                                      PAGE  91
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

            *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR
SOURCE GROUP: OFFROAD  ***
                        INCLUDING SOURCE(S):     OFFROAD     ,

                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                              ** CONC OF PM_10    IN MICROGRAMS/M**3                  **

     X-COORD (M)   Y-COORD (M)       CONC              X-COORD (M)   Y-COORD (M)       CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       557996.38   4160720.52       1.63524            557996.38   4160730.52       1.60997
       557996.38   4160740.52       1.56479            558006.38   4160710.52       1.87019
       558006.38   4160720.52       1.84483            558006.38   4160730.52       1.80436
       558006.38   4160740.52       1.75869            558016.38   4160710.52       2.12861
       558016.38   4160720.52       2.09083            558016.38   4160730.52       2.03867
       558016.38   4160740.52       1.97321            558026.38   4160710.52       2.42585
       558026.38   4160720.52       2.39052            558026.38   4160730.52       2.31817
       558026.38   4160740.52       2.23275            558277.53   4160581.24       6.42596
       558277.53   4160591.24       7.75180            558287.53   4160581.24       6.26378
       558287.53   4160591.24       7.46165            558297.53   4160581.24       6.04712
       558297.53   4160591.24       7.17635            558307.53   4160581.24       5.78630
       558307.53   4160591.24       6.90109            558317.53   4160581.24       5.54882
       558317.53   4160591.24       6.63069            558327.53   4160581.24       5.30953
       558327.53   4160591.24       6.36016            558337.53   4160581.24       5.03838
       558101.05   4160547.13       2.84811            558101.05   4160557.13       3.10659
       558111.05   4160547.13       3.03034            558111.05   4160557.13       3.32125
       558111.05   4160567.13       3.65026            558121.05   4160537.13       2.92537
       558121.05   4160547.13       3.21279            558121.05   4160557.13       3.53815
       558121.05   4160567.13       3.91028            558121.05   4160577.13       4.33563
       558121.05   4160587.13       4.82278            558131.05   4160527.13       2.79331
       558131.05   4160537.13       3.07514            558131.05   4160547.13       3.39168
       558131.05   4160557.13       3.75563            558131.05   4160567.13       4.17378
       558131.05   4160577.13       4.65972            558131.05   4160587.13       5.21419
       558131.05   4160597.13       5.84957            558141.05   4160527.13       2.91185
       558141.05   4160537.13       3.21629            558141.05   4160547.13       3.56834
       558141.05   4160557.13       3.97360            558141.05   4160567.13       4.44663
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558141.05	4160577.13	4.99396	558141.05	4160587.13	5.62107
558141.05	4160597.13	6.34097	558141.05	4160607.13	7.16117
558151.05	4160537.13	3.35164	558151.05	4160547.13	3.73771
558151.05	4160557.13	4.19091	558151.05	4160567.13	4.72226
558151.05	4160577.13	5.33879	558151.05	4160587.13	6.04663
558151.05	4160597.13	6.93186	558151.05	4160607.13	7.94494
558151.05	4160617.13	9.07135	558161.05	4160547.13	3.93286
558161.05	4160557.13	4.40387	558161.05	4160567.13	4.99626
558161.05	4160577.13	5.68924	558161.05	4160587.13	6.49660
558161.05	4160597.13	7.59973	558161.05	4160607.13	8.68945
558171.05	4160557.13	4.65379	558171.05	4160567.13	5.25658
558171.05	4160577.13	6.03084	558171.05	4160587.13	6.93869
558171.05	4160597.13	8.20970	558181.05	4160567.13	5.55815
558181.05	4160577.13	6.37391	558181.05	4160587.13	7.40753

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: OFFROAD ***
INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558191.05	4160577.13	6.65086	558368.54	4160582.33	4.43684
558378.54	4160582.33	4.20174	558378.54	4160592.33	4.75901
558378.54	4160602.33	5.36197	558378.54	4160612.33	6.24815
558388.54	4160582.33	3.93017	558388.54	4160592.33	4.41576
558388.54	4160602.33	4.94478	558388.54	4160612.33	5.74431
558398.54	4160582.33	3.62800	558398.54	4160592.33	4.05773
558398.54	4160602.33	4.57079	558398.54	4160612.33	5.25635
557976.09	4160490.12	0.87953	557976.09	4160500.12	0.91233
557976.09	4160510.12	0.95365	557976.09	4160520.12	0.99253
557976.09	4160530.12	1.02551	557986.09	4160480.12	0.90694
557986.09	4160490.12	0.95691	557986.09	4160500.12	0.99270
557986.09	4160510.12	1.02938	557986.09	4160520.12	1.06695
557986.09	4160530.12	1.10484	557996.09	4160480.12	0.98085
557996.09	4160490.12	1.02029	557996.09	4160500.12	1.06133
557996.09	4160510.12	1.10361	557996.09	4160520.12	1.14717
557996.09	4160530.12	1.19170	557996.09	4160540.12	1.23781
557996.09	4160550.12	1.28415	557996.09	4160560.12	1.33030
557996.09	4160570.12	1.37677	558006.09	4160480.12	1.04257
558006.09	4160490.12	1.08739	558006.09	4160500.12	1.13444
558006.09	4160510.12	1.18334	558006.09	4160520.12	1.23408
558006.09	4160530.12	1.28613	558006.09	4160540.12	1.33993
558006.09	4160550.12	1.39510	558006.09	4160560.12	1.45062
558006.09	4160570.12	1.50544	558016.09	4160480.12	1.10718
558016.09	4160490.12	1.15799	558016.09	4160500.12	1.21211

558016.09	4160510.12	1.26864	558016.09	4160520.12	1.32733
558016.09	4160530.12	1.38813	558016.09	4160540.12	1.45090
558016.09	4160550.12	1.51693	558016.09	4160560.12	1.58396
558016.09	4160570.12	1.65068	558026.09	4160480.12	1.17441
558026.09	4160490.12	1.23245	558026.09	4160500.12	1.29413
558026.09	4160510.12	1.35557	558026.09	4160520.12	1.42611
558026.09	4160530.12	1.49774	558026.09	4160540.12	1.57137
558026.09	4160550.12	1.64961	558026.09	4160560.12	1.72984
558026.09	4160570.12	1.81143	558036.09	4160480.12	1.24066
558036.09	4160490.12	1.30954	558036.09	4160500.12	1.36969
558036.09	4160510.12	1.42243	558036.09	4160520.12	1.51291
558036.09	4160530.12	1.61471	558036.09	4160540.12	1.70115
558036.09	4160550.12	1.79331	558036.09	4160560.12	1.88959
558046.09	4160480.12	1.28124	558046.09	4160490.12	1.35368
558046.09	4160500.12	1.42328	558046.09	4160510.12	1.49805
558046.09	4160520.12	1.60872	558046.09	4160530.12	1.73833

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: OFFROAD ***
INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558046.09	4160540.12	1.83982	558046.09	4160550.12	1.94803
558056.09	4160480.12	1.34360	558056.09	4160490.12	1.41784
558056.09	4160500.12	1.49301	558056.09	4160510.12	1.58437
558056.09	4160520.12	1.72425	558056.09	4160530.12	1.86754
558056.09	4160540.12	1.98474	558066.09	4160480.12	1.45706
558066.09	4160490.12	1.54032	558066.09	4160500.12	1.59275
558066.09	4160510.12	1.72675	558066.09	4160520.12	1.87403
558066.09	4160530.12	1.99912	558076.09	4160480.12	1.52714
558076.09	4160490.12	1.62920	558076.09	4160500.12	1.68220
558076.09	4160510.12	1.85910	558076.09	4160520.12	1.99097
558086.09	4160490.12	1.69168	558086.09	4160500.12	1.78941
558086.09	4160510.12	1.96480	558096.09	4160490.12	1.75739
558096.09	4160500.12	1.91793	558186.78	4160496.28	2.22321
558186.78	4160506.28	2.44155	558196.78	4160496.28	2.22565
558196.78	4160506.28	2.43753	558196.78	4160516.28	2.70643
558196.78	4160526.28	3.06943	558206.78	4160506.28	2.43116
558206.78	4160516.28	2.70924	558206.78	4160526.28	3.03765
558206.78	4160536.28	3.47357	558216.78	4160516.28	2.68748
558216.78	4160526.28	3.00838	558216.78	4160536.28	3.40026
558216.78	4160546.28	3.89933	558226.78	4160526.28	2.96565
558226.78	4160536.28	3.36185	558226.78	4160546.28	3.85379
558236.78	4160536.28	3.27230	558115.17	4160402.59	1.02873

558115.17	4160412.59	1.09809	558115.17	4160422.59	1.17389
558115.17	4160432.59	1.25635	558115.17	4160442.59	1.34678
558125.17	4160392.59	0.97377	558125.17	4160402.59	1.03952
558125.17	4160412.59	1.11167	558125.17	4160422.59	1.19030
558125.17	4160432.59	1.27664	558125.17	4160442.59	1.37155
558135.17	4160372.59	0.86141	558135.17	4160382.59	0.91745
558135.17	4160392.59	0.97914	558135.17	4160402.59	1.04685
558135.17	4160412.59	1.12085	558135.17	4160422.59	1.20221
558135.17	4160432.59	1.29187	558135.17	4160442.59	1.39085
558145.17	4160372.59	0.86078	558145.17	4160382.59	0.91802
558145.17	4160392.59	0.98100	558145.17	4160402.59	1.04990
558145.17	4160412.59	1.12571	558145.17	4160422.59	1.20932
558145.17	4160432.59	1.30177	558145.17	4160442.59	1.40419
558155.17	4160372.59	0.85723	558155.17	4160382.59	0.91525
558155.17	4160392.59	0.97900	558155.17	4160402.59	1.04894
558155.17	4160412.59	1.12606	558155.17	4160422.59	1.21135
558155.17	4160432.59	1.30596	558155.17	4160442.59	1.41094
558165.17	4160362.59	0.79811	558165.17	4160372.59	0.85095

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: OFFROAD ***
INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558165.17	4160382.59	0.90916	558165.17	4160392.59	0.97334
558165.17	4160402.59	1.04394	558165.17	4160412.59	1.12183
558165.17	4160422.59	1.20818	558165.17	4160432.59	1.30395
558175.17	4160362.59	0.78933	558175.17	4160372.59	0.84192
558175.17	4160382.59	0.89997	558175.17	4160392.59	0.96391
558175.17	4160402.59	1.03496	558175.17	4160412.59	1.11307
558175.17	4160422.59	1.19967	558185.17	4160362.59	0.77831
558185.17	4160372.59	0.83033	558185.17	4160382.59	0.88794
558185.17	4160392.59	0.95134	558185.17	4160402.59	1.02176
558185.17	4160412.59	1.09934	558185.17	4160422.59	1.18593
558185.17	4160432.59	1.28191	558185.17	4160442.59	1.38878
558195.17	4160362.59	0.76540	558195.17	4160372.59	0.81658
558195.17	4160382.59	0.87336	558195.17	4160392.59	0.93614
558195.17	4160402.59	1.00593	558195.17	4160412.59	1.08232
558195.17	4160422.59	1.16754	558195.17	4160432.59	1.26306
558195.17	4160442.59	1.36705	558195.17	4160452.59	1.48089
558205.17	4160362.59	0.75084	558205.17	4160372.59	0.80116
558205.17	4160382.59	0.85689	558205.17	4160392.59	0.91852
558205.17	4160402.59	0.98699	558205.17	4160412.59	1.06222
558205.17	4160422.59	1.14637	558205.17	4160432.59	1.23912

558205.17	4160442.59	1.34366	558205.17	4160452.59	1.45650
558205.17	4160462.59	1.58605	558215.17	4160362.59	0.73496
558215.17	4160372.59	0.78431	558215.17	4160382.59	0.83905
558215.17	4160392.59	0.89905	558215.17	4160402.59	0.96586
558215.17	4160412.59	1.03968	558215.17	4160422.59	1.12043
558215.17	4160432.59	1.21165	558215.17	4160442.59	1.31472
558215.17	4160452.59	1.43095	558215.17	4160462.59	1.55431
558215.17	4160472.59	1.69910	558225.17	4160362.59	0.71792
558225.17	4160372.59	0.76624	558225.17	4160382.59	0.81974
558225.17	4160392.59	0.87834	558225.17	4160402.59	0.94294
558225.17	4160412.59	1.01378	558225.17	4160422.59	1.09320
558225.17	4160432.59	1.18217	558225.17	4160442.59	1.28229
558225.17	4160452.59	1.39438	558225.17	4160462.59	1.52184
558225.17	4160472.59	1.66233	558225.17	4160482.59	1.82269
558235.17	4160362.59	0.70019	558235.17	4160372.59	0.74721
558235.17	4160382.59	0.79910	558235.17	4160392.59	0.85603
558235.17	4160402.59	0.91870	558235.17	4160412.59	0.98763
558235.17	4160422.59	1.06533	558235.17	4160432.59	1.15099
558235.17	4160442.59	1.24766	558235.17	4160452.59	1.35677
558235.17	4160462.59	1.48130	558235.17	4160472.59	1.62321

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: OFFROAD ***
INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558235.17	4160482.59	1.77928	558235.17	4160492.59	1.95649
558245.17	4160362.59	0.68185	558245.17	4160372.59	0.72744
558245.17	4160382.59	0.77761	558245.17	4160392.59	0.83282
558245.17	4160402.59	0.89381	558245.17	4160412.59	0.96072
558245.17	4160422.59	1.03544	558245.17	4160432.59	1.11851
558245.17	4160442.59	1.21203	558245.17	4160452.59	1.31855
558245.17	4160462.59	1.43945	558245.17	4160472.59	1.57535
558245.17	4160482.59	1.73161	558245.17	4160492.59	1.90780
558245.17	4160502.59	2.10723	558255.17	4160362.59	0.66295
558255.17	4160372.59	0.70706	558255.17	4160382.59	0.75556
558255.17	4160392.59	0.80899	558255.17	4160402.59	0.86790
558255.17	4160412.59	0.93389	558255.17	4160422.59	1.00539
558255.17	4160432.59	1.08600	558255.17	4160442.59	1.17727
558255.17	4160452.59	1.28006	558255.17	4160462.59	1.39567
558255.17	4160472.59	1.52793	558255.17	4160482.59	1.68053
558255.17	4160492.59	1.85815	558255.17	4160502.59	2.05432
558255.17	4160512.59	2.28223	558265.17	4160362.59	0.64365
558265.17	4160372.59	0.68627	558265.17	4160382.59	0.73311

558265.17	4160392.59	0.78488	558265.17	4160402.59	0.84180
558265.17	4160412.59	0.90499	558265.17	4160422.59	0.97505
558265.17	4160432.59	1.05365	558265.17	4160442.59	1.14221
558265.17	4160452.59	1.24100	558265.17	4160462.59	1.35250
558265.17	4160472.59	1.48184	558265.17	4160482.59	1.63183
558265.17	4160492.59	1.80425	558265.17	4160502.59	2.00707
558265.17	4160512.59	2.23374	558265.17	4160522.59	2.50405
558275.17	4160362.59	0.62411	558275.17	4160372.59	0.66519
558275.17	4160382.59	0.71053	558275.17	4160392.59	0.76040
558275.17	4160402.59	0.81559	558275.17	4160412.59	0.87677
558275.17	4160422.59	0.94479	558275.17	4160432.59	1.02120
558275.17	4160442.59	1.10647	558275.17	4160452.59	1.20261
558275.17	4160462.59	1.31215	558275.17	4160472.59	1.43911
558275.17	4160482.59	1.58426	558275.17	4160492.59	1.75250
558275.17	4160502.59	1.95268	558275.17	4160512.59	2.19250
558275.17	4160522.59	2.46953	558275.17	4160532.59	2.79859
558285.17	4160362.59	0.60443	558285.17	4160372.59	0.64402
558285.17	4160382.59	0.68788	558285.17	4160392.59	0.73599
558285.17	4160402.59	0.78939	558285.17	4160412.59	0.84866
558285.17	4160422.59	0.91493	558285.17	4160432.59	0.98876
558285.17	4160442.59	1.07160	558285.17	4160452.59	1.16546
558285.17	4160462.59	1.27400	558285.17	4160472.59	1.39753

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: OFFROAD ***
INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558285.17	4160482.59	1.53852	558285.17	4160492.59	1.70409
558285.17	4160502.59	1.90265	558285.17	4160512.59	2.14189
558285.17	4160522.59	2.42626	558285.17	4160532.59	2.75963
558295.17	4160362.59	0.58481	558295.17	4160372.59	0.62300
558295.17	4160382.59	0.66511	558295.17	4160392.59	0.71167
558295.17	4160402.59	0.76343	558295.17	4160412.59	0.82071
558295.17	4160422.59	0.88489	558295.17	4160432.59	0.95716
558295.17	4160442.59	1.03803	558295.17	4160452.59	1.13064
558295.17	4160462.59	1.23642	558295.17	4160472.59	1.35710
558295.17	4160482.59	1.49729	558295.17	4160492.59	1.66123
558295.17	4160502.59	1.85622	558295.17	4160512.59	2.09543
558295.17	4160522.59	2.38062	558295.17	4160532.59	2.71859
558305.17	4160362.59	0.56534	558305.17	4160372.59	0.60209
558305.17	4160382.59	0.64273	558305.17	4160392.59	0.68769
558305.17	4160402.59	0.73766	558305.17	4160412.59	0.79334
558305.17	4160422.59	0.85554	558305.17	4160432.59	0.92550

558305.17	4160442.59	1.00516	558305.17	4160452.59	1.09566
558305.17	4160462.59	1.19909	558305.17	4160472.59	1.31846
558305.17	4160482.59	1.45745	558305.17	4160492.59	1.62139
558305.17	4160502.59	1.81614	558305.17	4160512.59	2.05294
558305.17	4160522.59	2.33889	558305.17	4160532.59	2.67764
558315.17	4160362.59	0.54621	558315.17	4160372.59	0.58159
558315.17	4160382.59	0.62080	558315.17	4160392.59	0.66415
558315.17	4160402.59	0.71238	558315.17	4160412.59	0.76631
558315.17	4160422.59	0.82693	558315.17	4160432.59	0.89515
558315.17	4160442.59	0.97272	558315.17	4160452.59	1.06136
558315.17	4160462.59	1.16330	558315.17	4160472.59	1.28162
558315.17	4160482.59	1.42006	558315.17	4160492.59	1.58364
558315.17	4160502.59	1.77908	558315.17	4160512.59	2.01454
558315.17	4160522.59	2.29843	558315.17	4160532.59	2.63107
558325.17	4160362.59	0.52757	558325.17	4160372.59	0.56167
558325.17	4160382.59	0.59940	558325.17	4160392.59	0.64125
558325.17	4160402.59	0.68791	558325.17	4160412.59	0.74020
558325.17	4160422.59	0.79908	558325.17	4160432.59	0.86575
558325.17	4160442.59	0.94161	558325.17	4160452.59	1.02845
558325.17	4160462.59	1.12929	558325.17	4160472.59	1.24653
558325.17	4160482.59	1.38430	558325.17	4160492.59	1.54734
558325.17	4160502.59	1.74215	558325.17	4160512.59	1.97611
558325.17	4160522.59	2.25507	558325.17	4160532.59	2.57995
558335.17	4160362.59	0.50962	558335.17	4160372.59	0.54243

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: OFFROAD ***
INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558335.17	4160382.59	0.57886	558335.17	4160392.59	0.61932
558335.17	4160402.59	0.66450	558335.17	4160412.59	0.71528
558335.17	4160422.59	0.77263	558335.17	4160432.59	0.83789
558335.17	4160442.59	0.91229	558335.17	4160452.59	0.99744
558335.17	4160462.59	1.09643	558335.17	4160472.59	1.21260
558335.17	4160482.59	1.34916	558335.17	4160492.59	1.51129
558335.17	4160502.59	1.70458	558335.17	4160512.59	1.93492
558335.17	4160522.59	2.20683	558335.17	4160532.59	2.52228
558345.17	4160362.59	0.49250	558345.17	4160372.59	0.52421
558345.17	4160382.59	0.55933	558345.17	4160392.59	0.59857
558345.17	4160402.59	0.64245	558345.17	4160412.59	0.69184
558345.17	4160422.59	0.74772	558345.17	4160432.59	0.81143
558345.17	4160442.59	0.88465	558345.17	4160452.59	0.96922
558345.17	4160462.59	1.06593	558345.17	4160472.59	1.17926

558345.17	4160482.59	1.31402	558345.17	4160492.59	1.47352
558345.17	4160502.59	1.66355	558345.17	4160512.59	1.88844
558345.17	4160522.59	2.15136	558345.17	4160532.59	2.45647
558355.17	4160362.59	0.47642	558355.17	4160372.59	0.50712
558355.17	4160382.59	0.54122	558355.17	4160392.59	0.57923
558355.17	4160402.59	0.62197	558355.17	4160412.59	0.67012
558355.17	4160422.59	0.72471	558355.17	4160432.59	0.78722
558355.17	4160442.59	0.85910	558355.17	4160452.59	0.94201
558355.17	4160462.59	1.03795	558355.17	4160472.59	1.14941
558355.17	4160482.59	1.27986	558355.17	4160492.59	1.43521
558355.17	4160502.59	1.61917	558355.17	4160512.59	1.83559
558355.17	4160522.59	2.08809	558355.17	4160532.59	2.38383
558365.17	4160362.59	0.46159	558365.17	4160372.59	0.49139
558365.17	4160382.59	0.52456	558365.17	4160392.59	0.56162
558365.17	4160402.59	0.60331	558365.17	4160412.59	0.65040
558365.17	4160422.59	0.70399	558365.17	4160432.59	0.76534
558365.17	4160442.59	0.83590	558365.17	4160452.59	0.91707
558365.17	4160462.59	1.01121	558365.17	4160472.59	1.12148
558365.17	4160482.59	1.24939	558365.17	4160492.59	1.40026
558365.17	4160502.59	1.57728	558365.17	4160512.59	1.78375
558365.17	4160522.59	2.02380	558365.17	4160532.59	2.30395
558375.17	4160362.59	0.44809	558375.17	4160372.59	0.47714
558375.17	4160382.59	0.50948	558375.17	4160392.59	0.54584
558375.17	4160402.59	0.58666	558375.17	4160412.59	0.63288
558375.17	4160422.59	0.68560	558375.17	4160432.59	0.74591
558375.17	4160442.59	0.81519	558375.17	4160452.59	0.89491

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: OFFROAD ***
INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558375.17	4160462.59	0.98739	558375.17	4160472.59	1.09544
558375.17	4160482.59	1.22103	558375.17	4160492.59	1.36725
558375.17	4160502.59	1.53713	558375.17	4160512.59	1.73436
558375.17	4160522.59	1.96208	558375.17	4160532.59	2.22517
558385.17	4160362.59	0.43601	558385.17	4160372.59	0.46438
558385.17	4160382.59	0.49609	558385.17	4160392.59	0.53195
558385.17	4160402.59	0.57220	558385.17	4160412.59	0.61778
558385.17	4160422.59	0.66971	558385.17	4160432.59	0.72924
558385.17	4160442.59	0.79730	558385.17	4160452.59	0.87583
558385.17	4160462.59	0.96676	558385.17	4160472.59	1.07230
558385.17	4160482.59	1.19470	558385.17	4160492.59	1.33625
558385.17	4160502.59	1.49942	558385.17	4160512.59	1.68696

558385.17	4160522.59	1.90171	558385.17	4160532.59	2.14720
558395.17	4160362.59	0.42536	558395.17	4160372.59	0.45340
558395.17	4160382.59	0.48476	558395.17	4160392.59	0.52000
558395.17	4160402.59	0.55982	558395.17	4160412.59	0.60498
558395.17	4160422.59	0.65646	558395.17	4160432.59	0.71534
558395.17	4160442.59	0.78284	558395.17	4160452.59	0.86022
558395.17	4160462.59	0.94959	558395.17	4160472.59	1.05284
558395.17	4160482.59	1.17203	558395.17	4160492.59	1.30922
558395.17	4160502.59	1.46589	558395.17	4160512.59	1.64313
557513.48	4160678.78	0.12769	557513.48	4160688.78	0.12731
557513.48	4160698.78	0.12695	557513.48	4160708.78	0.12669
557513.48	4160718.78	0.12657	557513.48	4160728.78	0.12645
557523.48	4160678.78	0.13111	557523.48	4160688.78	0.13069
557523.48	4160698.78	0.13033	557523.48	4160708.78	0.13005
557523.48	4160718.78	0.12994	557523.48	4160728.78	0.12989
557533.48	4160678.78	0.13485	557533.48	4160688.78	0.13447
557533.48	4160698.78	0.13411	557533.48	4160708.78	0.13379
557533.48	4160718.78	0.13365	557533.48	4160728.78	0.13359
557543.48	4160678.78	0.13871	557543.48	4160688.78	0.13829
557543.48	4160698.78	0.13789	557543.48	4160708.78	0.13771
557543.48	4160718.78	0.13746	557543.48	4160728.78	0.13746
557553.48	4160678.78	0.14334	557553.48	4160688.78	0.14280
557553.48	4160698.78	0.14249	557553.48	4160708.78	0.14224
557553.48	4160718.78	0.14192	557553.48	4160728.78	0.14182
557563.48	4160678.78	0.14817	557563.48	4160688.78	0.14748
557563.48	4160698.78	0.14697	557563.48	4160708.78	0.14659
557563.48	4160718.78	0.14627	557563.48	4160728.78	0.14623
557573.48	4160678.78	0.15232	557573.48	4160688.78	0.15199

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: OFFROAD ***
INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
557573.48	4160698.78	0.15152	557573.48	4160708.78	0.15118
557573.48	4160718.78	0.15083	557573.48	4160728.78	0.15079
557583.48	4160678.78	0.15694	557583.48	4160688.78	0.15642
557583.48	4160698.78	0.15610	557583.48	4160708.78	0.15606
557583.48	4160718.78	0.15561	557583.48	4160728.78	0.15547
557593.48	4160678.78	0.16200	557593.48	4160688.78	0.16161
557593.48	4160698.78	0.16119	557593.48	4160708.78	0.16092
557593.48	4160718.78	0.16063	557593.48	4160728.78	0.16051
557603.48	4160678.78	0.16733	557603.48	4160688.78	0.16704
557603.48	4160698.78	0.16656	557603.48	4160708.78	0.16619

557603.48	4160718.78	0.16611	557613.48	4160678.78	0.17358
557613.48	4160688.78	0.17294	557613.48	4160698.78	0.17230
557613.48	4160708.78	0.17202	557623.48	4160688.78	0.17893
557623.48	4160698.78	0.17824	557623.48	4160708.78	0.17813
558477.66	4160568.94	2.30827	558477.66	4160578.94	2.53359
558477.66	4160588.94	2.78009	558477.66	4160598.94	3.04555
558487.66	4160568.94	2.19731	558487.66	4160578.94	2.39452
558487.66	4160588.94	2.60434	558487.66	4160598.94	2.82961
558497.66	4160568.94	2.12075	558497.66	4160578.94	2.29817
558497.66	4160588.94	2.48774	558497.66	4160598.94	2.68223
558507.66	4160568.94	2.05992	558507.66	4160578.94	2.21718
558507.66	4160588.94	2.39092	558507.66	4160598.94	2.56334
558517.66	4160568.94	1.99210	558517.66	4160578.94	2.13594
558517.66	4160588.94	2.28533	558517.66	4160598.94	2.43758
558527.66	4160568.94	1.92061	558527.66	4160578.94	2.05162
558527.66	4160588.94	2.18267	558527.66	4160598.94	2.31197
558537.66	4160568.94	1.85185	558537.66	4160578.94	1.96764
558537.66	4160588.94	2.08179	558537.66	4160598.94	2.18989
558547.66	4160568.94	1.78372	558547.66	4160578.94	1.88596
558547.66	4160588.94	1.98189	558557.66	4160568.94	1.71828
558600.64	4160569.24	1.45090	558600.64	4160579.24	1.49710
558600.64	4160589.24	1.53840	558600.64	4160599.24	1.57319
558610.64	4160569.24	1.38756	558610.64	4160579.24	1.42689
558610.64	4160589.24	1.46119	558610.64	4160599.24	1.48933
558620.64	4160569.24	1.32755	558620.64	4160579.24	1.36041
558620.64	4160589.24	1.38951	558620.64	4160599.24	1.41238
558630.64	4160569.24	1.26925	558630.64	4160579.24	1.29767
558630.64	4160589.24	1.32073	558630.64	4160599.24	1.33814
558640.64	4160569.24	1.21296	558640.64	4160579.24	1.23667
558640.64	4160589.24	1.25444	558640.64	4160599.24	1.26740

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: OFFROAD ***
INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558650.64	4160569.24	1.15831	558650.64	4160579.24	1.17790
558650.64	4160589.24	1.19201	558650.64	4160599.24	1.20232
558660.64	4160569.24	1.10782	558660.64	4160579.24	1.12382
558660.64	4160589.24	1.13465	558660.64	4160599.24	1.14290
558670.64	4160569.24	1.05914	558670.64	4160579.24	1.07157
558670.64	4160589.24	1.08018	558495.40	4160499.48	1.20124
558495.40	4160509.48	1.30995	558495.40	4160519.48	1.42705
558495.40	4160529.48	1.55541	558505.40	4160499.48	1.18647

558505.40	4160509.48	1.29116	558505.40	4160519.48	1.40344
558505.40	4160529.48	1.52566	558515.40	4160499.48	1.17152
558515.40	4160509.48	1.27156	558515.40	4160519.48	1.37952
558515.40	4160529.48	1.49543	558525.40	4160499.48	1.15771
558525.40	4160509.48	1.25363	558525.40	4160519.48	1.35692
558525.40	4160529.48	1.46682	558535.40	4160499.48	1.14278
558535.40	4160509.48	1.23478	558535.40	4160519.48	1.33256
558535.40	4160529.48	1.43833	558545.40	4160499.48	1.12808
558545.40	4160509.48	1.21575	558545.40	4160519.48	1.30899
558545.40	4160529.48	1.40836	558555.40	4160499.48	1.11225
558555.40	4160509.48	1.19604	558555.40	4160519.48	1.28466
558555.40	4160529.48	1.37697	558565.40	4160499.48	1.09629
558565.40	4160509.48	1.17548	558565.40	4160519.48	1.25825
558565.40	4160529.48	1.34393	558618.98	4160498.88	0.98991
558618.98	4160508.88	1.04469	558618.98	4160518.88	1.09929
558618.98	4160528.88	1.15298	558628.98	4160498.88	0.96853
558628.98	4160508.88	1.01901	558628.98	4160518.88	1.06882
558628.98	4160528.88	1.11728	558638.98	4160498.88	0.94655
558638.98	4160508.88	0.99288	558638.98	4160518.88	1.03816
558638.98	4160528.88	1.08171	558648.98	4160498.88	0.92410
558648.98	4160508.88	0.96645	558648.98	4160518.88	1.00743
558648.98	4160528.88	1.04638	558658.98	4160498.88	0.90131
558658.98	4160508.88	0.93974	558658.98	4160518.88	0.97682
558658.98	4160528.88	1.01155	558668.98	4160498.88	0.87826
558668.98	4160508.88	0.91325	558668.98	4160518.88	0.94644
558668.98	4160528.88	0.97736	558678.98	4160498.88	0.85507
558678.98	4160508.88	0.88672	558678.98	4160518.88	0.91643
558678.98	4160528.88	0.94380	558688.98	4160498.88	0.83186
558688.98	4160508.88	0.86037	558688.98	4160518.88	0.88689
558444.41	4160372.35	0.41889	558454.41	4160382.35	0.44056
558454.41	4160392.35	0.47526	558454.41	4160402.35	0.51431
558464.41	4160382.35	0.43826	558464.41	4160392.35	0.47316

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: OFFROAD ***
INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558464.41	4160402.35	0.51301	558474.41	4160382.35	0.43699
558474.41	4160392.35	0.47148	558474.41	4160402.35	0.51060
558484.41	4160382.35	0.43594	558484.41	4160392.35	0.46912
558484.41	4160402.35	0.50608	558494.41	4160382.35	0.43606
558494.41	4160392.35	0.46904	558494.41	4160402.35	0.50613
558504.41	4160382.35	0.43684	558504.41	4160392.35	0.47323

558504.41	4160402.35	0.51564	558514.41	4160382.35	0.43853
558514.41	4160392.35	0.47458	558514.41	4160402.35	0.51768
558524.41	4160392.35	0.47652	558524.41	4160402.35	0.51891
558581.82	4160392.36	0.49314	558581.82	4160402.36	0.53122
558581.82	4160412.36	0.57228	558581.82	4160422.36	0.61645
558591.82	4160392.36	0.49485	558591.82	4160402.36	0.53241
558591.82	4160412.36	0.57278	558591.82	4160422.36	0.61602
558601.82	4160382.36	0.46189	558601.82	4160392.36	0.49634
558601.82	4160402.36	0.53325	558601.82	4160412.36	0.57278
558601.82	4160422.36	0.61502	558611.82	4160382.36	0.46374
558611.82	4160392.36	0.49777	558611.82	4160402.36	0.53395
558611.82	4160412.36	0.57239	558611.82	4160422.36	0.61356
558621.82	4160382.36	0.46523	558621.82	4160392.36	0.49871
558621.82	4160402.36	0.53426	558621.82	4160412.36	0.57171
558621.82	4160422.36	0.61179	558631.82	4160382.36	0.46644
558631.82	4160392.36	0.49932	558631.82	4160402.36	0.53409
558641.82	4160382.36	0.46733	558641.82	4160392.36	0.49958
558641.82	4160402.36	0.53347	558651.82	4160382.36	0.46790
558651.82	4160392.36	0.49938	558651.82	4160402.36	0.53236
558661.82	4160382.36	0.46811	558661.82	4160392.36	0.49883
558661.82	4160402.36	0.53088	558671.82	4160362.36	0.41245
558671.82	4160372.36	0.43946	558671.82	4160382.36	0.46794
558671.82	4160392.36	0.49785	558671.82	4160402.36	0.52894
558681.82	4160362.36	0.41319	558681.82	4160372.36	0.43845
558681.82	4160382.36	0.46737	558681.82	4160392.36	0.49644
558681.82	4160402.36	0.52669	558691.82	4160362.36	0.41362
558691.82	4160372.36	0.43942	558691.82	4160382.36	0.46642
558691.82	4160392.36	0.49458	558691.82	4160402.36	0.52374
558701.82	4160362.36	0.41371	558701.82	4160372.36	0.43885
558701.82	4160382.36	0.46506	558701.82	4160392.36	0.49228
558701.82	4160402.36	0.52032	558711.82	4160362.36	0.41346
558711.82	4160372.36	0.43791	558711.82	4160382.36	0.46330
558711.82	4160392.36	0.48950	558711.82	4160402.36	0.51638
558721.82	4160362.36	0.41287	558721.82	4160372.36	0.43659

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: OFFROAD ***
INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558721.82	4160382.36	0.46099	558721.82	4160392.36	0.48632
558721.82	4160402.36	0.51205	558690.09	4160295.24	0.26947
558690.09	4160305.24	0.28666	558690.09	4160315.24	0.30512
558690.09	4160325.24	0.32478	558690.09	4160335.24	0.34589

558700.09	4160295.24	0.27127	558700.09	4160305.24	0.28868
558700.09	4160315.24	0.30695	558700.09	4160325.24	0.32635
558700.09	4160335.24	0.34714	558710.09	4160295.24	0.27333
558710.09	4160305.24	0.29052	558710.09	4160315.24	0.30866
558710.09	4160325.24	0.32791	558710.09	4160335.24	0.34833
558720.09	4160295.24	0.27538	558720.09	4160305.24	0.29231
558720.09	4160315.24	0.31026	558720.09	4160325.24	0.32945
558612.68	4160297.32	0.25651	558612.68	4160307.32	0.27353
558612.68	4160317.32	0.29213	558612.68	4160327.32	0.31243
558612.68	4160337.32	0.33474	558622.68	4160297.32	0.25849
558622.68	4160307.32	0.27572	558622.68	4160317.32	0.29445
558622.68	4160327.32	0.31482	558622.68	4160337.32	0.33722
558632.68	4160297.32	0.26069	558632.68	4160307.32	0.27798
558632.68	4160317.32	0.29681	558632.68	4160327.32	0.31726
558632.68	4160337.32	0.33963	558642.68	4160297.32	0.26342
558642.68	4160307.32	0.28024	558642.68	4160317.32	0.29919
558642.68	4160327.32	0.31964	558642.68	4160337.32	0.34205
558652.68	4160297.32	0.26543	558652.68	4160307.32	0.28260
558652.68	4160317.32	0.30153	558652.68	4160327.32	0.32194
558652.68	4160337.32	0.34419	558662.68	4160297.32	0.26806
558662.68	4160307.32	0.28520	558662.68	4160317.32	0.30377
558662.68	4160327.32	0.32405	558662.68	4160337.32	0.34613
558672.68	4160297.32	0.26967	558672.68	4160307.32	0.28728
558672.68	4160317.32	0.30606	558672.68	4160327.32	0.32613
558672.68	4160337.32	0.34793	558543.58	4160290.65	0.24117
558553.58	4160300.65	0.25640	558553.58	4160310.65	0.27284
558553.58	4160320.65	0.29097	558553.58	4160330.65	0.31098
558563.58	4160300.65	0.25727	558563.58	4160310.65	0.27397
558563.58	4160320.65	0.29236	558563.58	4160330.65	0.31261
558573.58	4160300.65	0.25843	558573.58	4160310.65	0.27537
558573.58	4160320.65	0.29400	558573.58	4160330.65	0.31448
558583.58	4160300.65	0.25983	558583.58	4160310.65	0.27701
558583.58	4160320.65	0.29586	558583.58	4160330.65	0.31654
558593.58	4160330.65	0.31875	558455.35	4160303.56	0.27313
558455.35	4160313.56	0.28809	558455.35	4160323.56	0.30459
558455.35	4160333.56	0.32285	558455.35	4160343.56	0.34312

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: OFFROAD ***

INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558465.35	4160303.56	0.26975	558465.35	4160313.56	0.28478
558465.35	4160323.56	0.30139	558465.35	4160333.56	0.31978

558465.35	4160343.56	0.34021	558475.35	4160303.56	0.26692
558475.35	4160313.56	0.28207	558475.35	4160323.56	0.29881
558475.35	4160333.56	0.31738	558475.35	4160343.56	0.33802
558485.35	4160303.56	0.26461	558485.35	4160313.56	0.27977
558485.35	4160323.56	0.29684	558485.35	4160333.56	0.31562
558485.35	4160343.56	0.33649	558495.35	4160303.56	0.26281
558495.35	4160313.56	0.27830	558495.35	4160323.56	0.29544
558495.35	4160333.56	0.31445	558495.35	4160343.56	0.33559
558505.35	4160303.56	0.26148	558505.35	4160313.56	0.27719
558505.35	4160323.56	0.29456	558505.35	4160333.56	0.31383
558515.35	4160303.56	0.26061	558515.35	4160313.56	0.27655
558515.35	4160323.56	0.29418	558515.35	4160333.56	0.31372
558525.35	4160303.56	0.26017	558525.35	4160313.56	0.27635
558525.35	4160323.56	0.29425	558525.35	4160333.56	0.31408
558535.35	4160303.56	0.26014	558535.35	4160313.56	0.27658
558535.35	4160323.56	0.29475	558535.35	4160333.56	0.31485
558616.67	4160229.97	0.17604	558616.67	4160239.97	0.18563
558616.67	4160249.97	0.19609	558626.67	4160229.97	0.17686
558626.67	4160239.97	0.18663	558626.67	4160249.97	0.19728
558636.67	4160229.97	0.17784	558636.67	4160239.97	0.18778
558636.67	4160249.97	0.19862	558646.67	4160229.97	0.17897
558646.67	4160239.97	0.18909	558646.67	4160249.97	0.20010
558656.67	4160229.97	0.18024	558656.67	4160239.97	0.19052
558666.67	4160229.97	0.18163	558666.67	4160239.97	0.19207
558676.67	4160229.97	0.18311	558676.67	4160239.97	0.19370
558686.67	4160229.97	0.18469	558686.67	4160239.97	0.19539
558696.67	4160229.97	0.18633	558696.67	4160239.97	0.19717
558706.67	4160229.97	0.18803	558706.67	4160239.97	0.19898
558716.67	4160229.97	0.18977	558716.67	4160239.97	0.20081
558420.21	4160235.80	0.21445	558420.21	4160245.80	0.22329
558420.21	4160255.80	0.23279	558430.21	4160235.80	0.20997
558430.21	4160245.80	0.21865	558430.21	4160255.80	0.22797
558440.21	4160235.80	0.20583	558440.21	4160245.80	0.21438
558440.21	4160255.80	0.22358	558450.21	4160235.80	0.20203
558450.21	4160245.80	0.21048	558450.21	4160255.80	0.21958
558460.21	4160235.80	0.19855	558460.21	4160245.80	0.20693
558460.21	4160255.80	0.21598	558470.21	4160235.80	0.19539
558470.21	4160245.80	0.20373	558470.21	4160255.80	0.21275

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: OFFROAD ***

INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

558480.21	4160235.80	0.19250	558480.21	4160245.80	0.20086
558480.21	4160255.80	0.20989	558490.21	4160235.80	0.18989
558490.21	4160245.80	0.19800	558490.21	4160255.80	0.20738
558500.21	4160235.80	0.18773	558500.21	4160245.80	0.19611
558500.21	4160255.80	0.20523	558510.21	4160235.80	0.18577
558510.21	4160245.80	0.19421	558510.21	4160255.80	0.20341
558520.21	4160235.80	0.18409	558520.21	4160245.80	0.19263
558520.21	4160255.80	0.20194	558530.21	4160235.80	0.18271
558530.21	4160245.80	0.19135	558530.21	4160255.80	0.20078
558540.21	4160235.80	0.18160	558540.21	4160245.80	0.19037
558540.21	4160255.80	0.19994	558550.21	4160235.80	0.18077
558550.21	4160245.80	0.18968	558550.21	4160255.80	0.19941
558560.21	4160235.80	0.18021	558560.21	4160245.80	0.18926
558560.21	4160255.80	0.19915	558570.21	4160235.80	0.17990
558570.21	4160245.80	0.18913	558570.21	4160255.80	0.19923
558580.21	4160235.80	0.17984	558580.21	4160245.80	0.18925
558590.21	4160235.80	0.18002	558590.21	4160245.80	0.18961
558600.21	4160245.80	0.19020			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: OFF_DST ***
INCLUDING SOURCE(S): OFF_DST ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
557996.38	4160720.52	1.60636	557996.38	4160730.52	1.58240
557996.38	4160740.52	1.53686	558006.38	4160710.52	1.84388
558006.38	4160720.52	1.82460	558006.38	4160730.52	1.78529
558006.38	4160740.52	1.73748	558016.38	4160710.52	2.11677
558016.38	4160720.52	2.08557	558016.38	4160730.52	2.03404
558016.38	4160740.52	1.96790	558026.38	4160710.52	2.44216
558026.38	4160720.52	2.41135	558026.38	4160730.52	2.34113
558026.38	4160740.52	2.25734	558277.53	4160581.24	6.97516
558277.53	4160591.24	8.68027	558287.53	4160581.24	6.70597
558287.53	4160591.24	8.22623	558297.53	4160581.24	6.44190
558297.53	4160591.24	7.82708	558307.53	4160581.24	6.15693
558307.53	4160591.24	7.46960	558317.53	4160581.24	5.89376
558317.53	4160591.24	7.13762	558327.53	4160581.24	5.63216
558327.53	4160591.24	6.81467	558337.53	4160581.24	5.34519
558101.05	4160547.13	2.87221	558101.05	4160557.13	3.13641
558111.05	4160547.13	3.05620	558111.05	4160557.13	3.35613
558111.05	4160567.13	3.70619	558121.05	4160537.13	2.95125
558121.05	4160547.13	3.24540	558121.05	4160557.13	3.58560
558121.05	4160567.13	3.98418	558121.05	4160577.13	4.45869
558121.05	4160587.13	5.02980	558131.05	4160527.13	2.82118

558131.05	4160537.13	3.10780	558131.05	4160547.13	3.44044
558131.05	4160557.13	3.82597	558131.05	4160567.13	4.28053
558131.05	4160577.13	4.82542	558131.05	4160587.13	5.48882
558131.05	4160597.13	6.30487	558141.05	4160527.13	2.94154
558141.05	4160537.13	3.26436	558141.05	4160547.13	3.63782
558141.05	4160557.13	4.07594	558141.05	4160567.13	4.59587
558141.05	4160577.13	5.22511	558141.05	4160587.13	5.99923
558141.05	4160597.13	6.96322	558141.05	4160607.13	8.18420
558151.05	4160537.13	3.41384	558151.05	4160547.13	3.83440
558151.05	4160557.13	4.33290	558151.05	4160567.13	4.93154
558151.05	4160577.13	5.66300	558151.05	4160587.13	6.57362
558151.05	4160597.13	7.72087	558151.05	4160607.13	9.19003
558151.05	4160617.13	11.14811	558161.05	4160547.13	4.00809
558161.05	4160557.13	4.59155	558161.05	4160567.13	5.28530
558161.05	4160577.13	6.14385	558161.05	4160587.13	7.22811
558161.05	4160597.13	8.58780	558161.05	4160607.13	10.37900
558171.05	4160557.13	4.82256	558171.05	4160567.13	5.64857
558171.05	4160577.13	6.66755	558171.05	4160587.13	7.97770
558171.05	4160597.13	9.64735	558181.05	4160567.13	5.98880
558181.05	4160577.13	7.22400	558181.05	4160587.13	8.84026

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: OFF_DST ***
INCLUDING SOURCE(S): OFF_DST ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558191.05	4160577.13	7.55633	558368.54	4160582.33	4.66374
558378.54	4160582.33	4.39328	558378.54	4160592.33	5.06663
558378.54	4160602.33	5.85800	558378.54	4160612.33	7.02949
558388.54	4160582.33	4.09686	558388.54	4160592.33	4.68412
558388.54	4160602.33	5.37695	558388.54	4160612.33	6.42188
558398.54	4160582.33	3.79149	558398.54	4160592.33	4.30542
558398.54	4160602.33	4.94582	558398.54	4160612.33	5.83038
557976.09	4160490.12	0.88513	557976.09	4160500.12	0.91388
557976.09	4160510.12	0.95040	557976.09	4160520.12	0.98450
557976.09	4160530.12	1.01382	557986.09	4160480.12	0.91777
557986.09	4160490.12	0.96357	557986.09	4160500.12	0.99521
557986.09	4160510.12	1.02738	557986.09	4160520.12	1.06119
557986.09	4160530.12	1.09689	557996.09	4160480.12	0.99342
557996.09	4160490.12	1.03118	557996.09	4160500.12	1.06793
557996.09	4160510.12	1.10582	557996.09	4160520.12	1.14454
557996.09	4160530.12	1.18480	557996.09	4160540.12	1.22292
557996.09	4160550.12	1.26516	557996.09	4160560.12	1.31013
557996.09	4160570.12	1.35319	558006.09	4160480.12	1.05649

558006.09	4160490.12	1.10027	558006.09	4160500.12	1.14297
558006.09	4160510.12	1.18672	558006.09	4160520.12	1.23140
558006.09	4160530.12	1.27926	558006.09	4160540.12	1.32767
558006.09	4160550.12	1.37715	558006.09	4160560.12	1.43011
558006.09	4160570.12	1.48466	558016.09	4160480.12	1.12270
558016.09	4160490.12	1.17293	558016.09	4160500.12	1.22146
558016.09	4160510.12	1.27053	558016.09	4160520.12	1.32264
558016.09	4160530.12	1.38087	558016.09	4160540.12	1.44071
558016.09	4160550.12	1.49942	558016.09	4160560.12	1.56283
558016.09	4160570.12	1.63013	558026.09	4160480.12	1.19116
558026.09	4160490.12	1.24764	558026.09	4160500.12	1.30144
558026.09	4160510.12	1.35724	558026.09	4160520.12	1.42173
558026.09	4160530.12	1.48975	558026.09	4160540.12	1.56180
558026.09	4160550.12	1.63387	558026.09	4160560.12	1.71177
558026.09	4160570.12	1.79361	558036.09	4160480.12	1.25805
558036.09	4160490.12	1.32307	558036.09	4160500.12	1.37911
558036.09	4160510.12	1.42788	558036.09	4160520.12	1.51122
558036.09	4160530.12	1.60591	558036.09	4160540.12	1.69199
558036.09	4160550.12	1.77997	558036.09	4160560.12	1.87460
558046.09	4160480.12	1.30252	558046.09	4160490.12	1.37182
558046.09	4160500.12	1.43772	558046.09	4160510.12	1.50781
558046.09	4160520.12	1.61057	558046.09	4160530.12	1.73001

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: OFF_DST ***
INCLUDING SOURCE(S): OFF_DST ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558046.09	4160540.12	1.83150	558046.09	4160550.12	1.93777
558056.09	4160480.12	1.36755	558056.09	4160490.12	1.43941
558056.09	4160500.12	1.51166	558056.09	4160510.12	1.59848
558056.09	4160520.12	1.72924	558056.09	4160530.12	1.86327
558056.09	4160540.12	1.98269	558066.09	4160480.12	1.48004
558066.09	4160490.12	1.56088	558066.09	4160500.12	1.61311
558066.09	4160510.12	1.74060	558066.09	4160520.12	1.88057
558066.09	4160530.12	2.00665	558076.09	4160480.12	1.55116
558076.09	4160490.12	1.64934	558076.09	4160500.12	1.70347
558076.09	4160510.12	1.87156	558076.09	4160520.12	2.00768
558086.09	4160490.12	1.71207	558086.09	4160500.12	1.80858
558086.09	4160510.12	1.97636	558096.09	4160490.12	1.77701
558096.09	4160500.12	1.93169	558186.78	4160496.28	2.22718
558186.78	4160506.28	2.45372	558196.78	4160496.28	2.21999
558196.78	4160506.28	2.44076	558196.78	4160516.28	2.72161
558196.78	4160526.28	3.10052	558206.78	4160506.28	2.42024

558206.78	4160516.28	2.70702	558206.78	4160526.28	3.05326
558206.78	4160536.28	3.51863	558216.78	4160516.28	2.66672
558216.78	4160526.28	3.00168	558216.78	4160536.28	3.42171
558216.78	4160546.28	3.97487	558226.78	4160526.28	2.93757
558226.78	4160536.28	3.35231	558226.78	4160546.28	3.88499
558236.78	4160536.28	3.25038	558115.17	4160402.59	1.05490
558115.17	4160412.59	1.12424	558115.17	4160422.59	1.19829
558115.17	4160432.59	1.28238	558115.17	4160442.59	1.37314
558125.17	4160392.59	0.99647	558125.17	4160402.59	1.06241
558125.17	4160412.59	1.13204	558125.17	4160422.59	1.21079
558125.17	4160432.59	1.29726	558125.17	4160442.59	1.39397
558135.17	4160372.59	0.87798	558135.17	4160382.59	0.93655
558135.17	4160392.59	0.99847	558135.17	4160402.59	1.06393
558135.17	4160412.59	1.13802	558135.17	4160422.59	1.21964
558135.17	4160432.59	1.30890	558135.17	4160442.59	1.40967
558145.17	4160372.59	0.87586	558145.17	4160382.59	0.93421
558145.17	4160392.59	0.99572	558145.17	4160402.59	1.06452
558145.17	4160412.59	1.14063	558145.17	4160422.59	1.22392
558145.17	4160432.59	1.31595	558145.17	4160442.59	1.41966
558155.17	4160372.59	0.87043	558155.17	4160382.59	0.92876
558155.17	4160392.59	0.99094	558155.17	4160402.59	1.06138
558155.17	4160412.59	1.13873	558155.17	4160422.59	1.22343
558155.17	4160432.59	1.31749	558155.17	4160442.59	1.42441
558165.17	4160362.59	0.80561	558165.17	4160372.59	0.86126

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: OFF_DST ***
INCLUDING SOURCE(S): OFF_DST ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558165.17	4160382.59	0.92011	558165.17	4160392.59	0.98379
558165.17	4160402.59	1.05358	558165.17	4160412.59	1.13151
558165.17	4160422.59	1.21746	558165.17	4160432.59	1.31483
558175.17	4160362.59	0.79388	558175.17	4160372.59	0.84896
558175.17	4160382.59	0.90785	558175.17	4160392.59	0.97236
558175.17	4160402.59	1.04151	558175.17	4160412.59	1.11960
558175.17	4160422.59	1.20702	558185.17	4160362.59	0.77967
558185.17	4160372.59	0.83392	558185.17	4160382.59	0.89228
558185.17	4160392.59	0.95645	558185.17	4160402.59	1.02660
558185.17	4160412.59	1.10480	558185.17	4160422.59	1.19095
558185.17	4160432.59	1.28803	558185.17	4160442.59	1.39718
558195.17	4160362.59	0.76316	558195.17	4160372.59	0.81654
558195.17	4160382.59	0.87405	558195.17	4160392.59	0.93712
558195.17	4160402.59	1.00602	558195.17	4160412.59	1.08375

558195.17	4160422.59	1.16961	558195.17	4160432.59	1.26496
558195.17	4160442.59	1.37375	558195.17	4160452.59	1.49454
558205.17	4160362.59	0.74540	558205.17	4160372.59	0.79742
558205.17	4160382.59	0.85373	558205.17	4160392.59	0.91556
558205.17	4160402.59	0.98335	558205.17	4160412.59	1.05935
558205.17	4160422.59	1.14319	558205.17	4160432.59	1.23795
558205.17	4160442.59	1.34345	558205.17	4160452.59	1.46280
558205.17	4160462.59	1.59675	558215.17	4160362.59	0.72684
558215.17	4160372.59	0.77726	558215.17	4160382.59	0.83180
558215.17	4160392.59	0.89241	558215.17	4160402.59	0.95873
558215.17	4160412.59	1.03259	558215.17	4160422.59	1.11579
558215.17	4160432.59	1.20757	558215.17	4160442.59	1.31008
558215.17	4160452.59	1.42546	558215.17	4160462.59	1.55733
558215.17	4160472.59	1.70621	558225.17	4160362.59	0.70820
558225.17	4160372.59	0.75659	558225.17	4160382.59	0.80909
558225.17	4160392.59	0.86787	558225.17	4160402.59	0.93305
558225.17	4160412.59	1.00567	558225.17	4160422.59	1.08570
558225.17	4160432.59	1.17484	558225.17	4160442.59	1.27457
558225.17	4160452.59	1.38703	558225.17	4160462.59	1.51416
558225.17	4160472.59	1.65937	558225.17	4160482.59	1.82509
558235.17	4160362.59	0.68904	558235.17	4160372.59	0.73572
558235.17	4160382.59	0.78664	558235.17	4160392.59	0.84352
558235.17	4160402.59	0.90669	558235.17	4160412.59	0.97685
558235.17	4160422.59	1.05412	558235.17	4160432.59	1.14074
558235.17	4160442.59	1.23749	558235.17	4160452.59	1.34632
558235.17	4160462.59	1.46925	558235.17	4160472.59	1.60911

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: OFF_DST ***
INCLUDING SOURCE(S): OFF_DST ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558235.17	4160482.59	1.77057	558235.17	4160492.59	1.95564
558245.17	4160362.59	0.66967	558245.17	4160372.59	0.71474
558245.17	4160382.59	0.76420	558245.17	4160392.59	0.81897
558245.17	4160402.59	0.87957	558245.17	4160412.59	0.94734
558245.17	4160422.59	1.02221	558245.17	4160432.59	1.10578
558245.17	4160442.59	1.19927	558245.17	4160452.59	1.30437
558245.17	4160462.59	1.42321	558245.17	4160472.59	1.55886
558245.17	4160482.59	1.71431	558245.17	4160492.59	1.89427
558245.17	4160502.59	2.10292	558255.17	4160362.59	0.65043
558255.17	4160372.59	0.69387	558255.17	4160382.59	0.74160
558255.17	4160392.59	0.79427	558255.17	4160402.59	0.85272
558255.17	4160412.59	0.91666	558255.17	4160422.59	0.98970

558255.17	4160432.59	1.07019	558255.17	4160442.59	1.16025
558255.17	4160452.59	1.26174	558255.17	4160462.59	1.37683
558255.17	4160472.59	1.50789	558255.17	4160482.59	1.65826
558255.17	4160492.59	1.83222	558255.17	4160502.59	2.03610
558255.17	4160512.59	2.27516	558265.17	4160362.59	0.63124
558265.17	4160372.59	0.67298	558265.17	4160382.59	0.71888
558265.17	4160392.59	0.76925	558265.17	4160402.59	0.82548
558265.17	4160412.59	0.88767	558265.17	4160422.59	0.95702
558265.17	4160432.59	1.03430	558265.17	4160442.59	1.12097
558265.17	4160452.59	1.21905	558265.17	4160462.59	1.33019
558265.17	4160472.59	1.45695	558265.17	4160482.59	1.60271
558265.17	4160492.59	1.77208	558265.17	4160502.59	1.97095
558265.17	4160512.59	2.20765	558265.17	4160522.59	2.49196
558275.17	4160362.59	0.61175	558275.17	4160372.59	0.65195
558275.17	4160382.59	0.69574	558275.17	4160392.59	0.74436
558275.17	4160402.59	0.79805	558275.17	4160412.59	0.85771
558275.17	4160422.59	0.92424	558275.17	4160432.59	0.99843
558275.17	4160442.59	1.08211	558275.17	4160452.59	1.17659
558275.17	4160462.59	1.28391	558275.17	4160472.59	1.40667
558275.17	4160482.59	1.54859	558275.17	4160492.59	1.71418
558275.17	4160502.59	1.90974	558275.17	4160512.59	2.14436
558275.17	4160522.59	2.43164	558275.17	4160532.59	2.78781
558285.17	4160362.59	0.59186	558285.17	4160372.59	0.63048
558285.17	4160382.59	0.67216	558285.17	4160392.59	0.71895
558285.17	4160402.59	0.77037	558285.17	4160412.59	0.82757
558285.17	4160422.59	0.89117	558285.17	4160432.59	0.96285
558285.17	4160442.59	1.04353	558285.17	4160452.59	1.13469
558285.17	4160462.59	1.23825	558285.17	4160472.59	1.35768

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: OFF_DST ***
INCLUDING SOURCE(S): OFF_DST ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558285.17	4160482.59	1.49648	558285.17	4160492.59	1.65911
558285.17	4160502.59	1.85277	558285.17	4160512.59	2.08721
558285.17	4160522.59	2.37675	558285.17	4160532.59	2.73930
558295.17	4160362.59	0.57136	558295.17	4160372.59	0.60832
558295.17	4160382.59	0.64876	558295.17	4160392.59	0.69324
558295.17	4160402.59	0.74200	558295.17	4160412.59	0.79737
558295.17	4160422.59	0.85860	558295.17	4160432.59	0.92703
558295.17	4160442.59	1.00510	558295.17	4160452.59	1.09297
558295.17	4160462.59	1.19372	558295.17	4160472.59	1.31058
558295.17	4160482.59	1.44673	558295.17	4160492.59	1.60751

558295.17	4160502.59	1.80023	558295.17	4160512.59	2.03589
558295.17	4160522.59	2.32866	558295.17	4160532.59	2.69681
558305.17	4160362.59	0.55045	558305.17	4160372.59	0.58588
558305.17	4160382.59	0.62446	558305.17	4160392.59	0.66690
558305.17	4160402.59	0.71340	558305.17	4160412.59	0.76585
558305.17	4160422.59	0.82572	558305.17	4160432.59	0.89240
558305.17	4160442.59	0.96704	558305.17	4160452.59	1.05255
558305.17	4160462.59	1.15113	558305.17	4160472.59	1.26549
558305.17	4160482.59	1.39971	558305.17	4160492.59	1.55933
558305.17	4160502.59	1.75222	558305.17	4160512.59	1.98941
558305.17	4160522.59	2.28542	558305.17	4160532.59	2.65708
558315.17	4160362.59	0.52916	558315.17	4160372.59	0.56298
558315.17	4160382.59	0.59953	558315.17	4160392.59	0.64028
558315.17	4160402.59	0.68554	558315.17	4160412.59	0.73590
558315.17	4160422.59	0.79255	558315.17	4160432.59	0.85740
558315.17	4160442.59	0.93029	558315.17	4160452.59	1.01367
558315.17	4160462.59	1.11002	558315.17	4160472.59	1.22240
558315.17	4160482.59	1.35519	558315.17	4160492.59	1.51429
558315.17	4160502.59	1.70775	558315.17	4160512.59	1.94643
558315.17	4160522.59	2.24412	558315.17	4160532.59	2.61494
558325.17	4160362.59	0.50784	558325.17	4160372.59	0.53995
558325.17	4160382.59	0.57506	558325.17	4160392.59	0.61419
558325.17	4160402.59	0.65776	558325.17	4160412.59	0.70635
558325.17	4160422.59	0.76115	558325.17	4160432.59	0.82325
558325.17	4160442.59	0.89424	558325.17	4160452.59	0.97591
558325.17	4160462.59	1.07017	558325.17	4160472.59	1.18108
558325.17	4160482.59	1.31291	558325.17	4160492.59	1.47179
558325.17	4160502.59	1.66567	558325.17	4160512.59	1.90487
558325.17	4160522.59	2.20176	558325.17	4160532.59	2.56786
558335.17	4160362.59	0.48675	558335.17	4160372.59	0.51770

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: OFF_DST ***
INCLUDING SOURCE(S): OFF_DST ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558335.17	4160382.59	0.55108	558335.17	4160392.59	0.58849
558335.17	4160402.59	0.63045	558335.17	4160412.59	0.67717
558335.17	4160422.59	0.72990	558335.17	4160432.59	0.78936
558335.17	4160442.59	0.85867	558335.17	4160452.59	0.93911
558335.17	4160462.59	1.03222	558335.17	4160472.59	1.14175
558335.17	4160482.59	1.27282	558335.17	4160492.59	1.43125
558335.17	4160502.59	1.62479	558335.17	4160512.59	1.86291
558335.17	4160522.59	2.15616	558335.17	4160532.59	2.51359

558345.17	4160362.59	0.46678	558345.17	4160372.59	0.49603
558345.17	4160382.59	0.52861	558345.17	4160392.59	0.56410
558345.17	4160402.59	0.60410	558345.17	4160412.59	0.64915
558345.17	4160422.59	0.70033	558345.17	4160432.59	0.75850
558345.17	4160442.59	0.82455	558345.17	4160452.59	0.90217
558345.17	4160462.59	0.99575	558345.17	4160472.59	1.10491
558345.17	4160482.59	1.23511	558345.17	4160492.59	1.39280
558345.17	4160502.59	1.58482	558345.17	4160512.59	1.81962
558345.17	4160522.59	2.10594	558345.17	4160532.59	2.45090
558355.17	4160362.59	0.44825	558355.17	4160372.59	0.47604
558355.17	4160382.59	0.50686	558355.17	4160392.59	0.54150
558355.17	4160402.59	0.57973	558355.17	4160412.59	0.62326
558355.17	4160422.59	0.67281	558355.17	4160432.59	0.72905
558355.17	4160442.59	0.79390	558355.17	4160452.59	0.87046
558355.17	4160462.59	0.96150	558355.17	4160472.59	1.06989
558355.17	4160482.59	1.19962	558355.17	4160492.59	1.35587
558355.17	4160502.59	1.54523	558355.17	4160512.59	1.77454
558355.17	4160522.59	2.05059	558355.17	4160532.59	2.37988
558365.17	4160362.59	0.43139	558365.17	4160372.59	0.45799
558365.17	4160382.59	0.48753	558365.17	4160392.59	0.52076
558365.17	4160402.59	0.55783	558365.17	4160412.59	0.60000
558365.17	4160422.59	0.64787	558365.17	4160432.59	0.70279
558365.17	4160442.59	0.76666	558365.17	4160452.59	0.84257
558365.17	4160462.59	0.93217	558365.17	4160472.59	1.03859
558365.17	4160482.59	1.16678	558365.17	4160492.59	1.32061
558365.17	4160502.59	1.50565	558365.17	4160512.59	1.72737
558365.17	4160522.59	1.99102	558365.17	4160532.59	2.30184
558375.17	4160362.59	0.41640	558375.17	4160372.59	0.44217
558375.17	4160382.59	0.47090	558375.17	4160392.59	0.50248
558375.17	4160402.59	0.53879	558375.17	4160412.59	0.57988
558375.17	4160422.59	0.62663	558375.17	4160432.59	0.68076
558375.17	4160442.59	0.74410	558375.17	4160452.59	0.81893

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: OFF_DST ***

INCLUDING SOURCE(S): OFF_DST ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558375.17	4160462.59	0.90736	558375.17	4160472.59	1.01246
558375.17	4160482.59	1.13833	558375.17	4160492.59	1.28885
558375.17	4160502.59	1.46824	558375.17	4160512.59	1.68068
558375.17	4160522.59	1.93028	558375.17	4160532.59	2.22090
558385.17	4160362.59	0.40331	558385.17	4160372.59	0.42860
558385.17	4160382.59	0.45656	558385.17	4160392.59	0.48713

558385.17	4160402.59	0.52243	558385.17	4160412.59	0.56288
558385.17	4160422.59	0.60921	558385.17	4160432.59	0.66277
558385.17	4160442.59	0.72597	558385.17	4160452.59	0.80013
558385.17	4160462.59	0.88779	558385.17	4160472.59	0.99182
558385.17	4160482.59	1.11545	558385.17	4160492.59	1.26205
558385.17	4160502.59	1.43498	558385.17	4160512.59	1.63738
558385.17	4160522.59	1.87221	558385.17	4160532.59	2.14222
558395.17	4160362.59	0.39198	558395.17	4160372.59	0.41635
558395.17	4160382.59	0.44361	558395.17	4160392.59	0.47434
558395.17	4160402.59	0.50920	558395.17	4160412.59	0.54909
558395.17	4160422.59	0.59507	558395.17	4160432.59	0.64863
558395.17	4160442.59	0.71152	558395.17	4160452.59	0.78582
558395.17	4160462.59	0.87317	558395.17	4160472.59	0.97621
558395.17	4160482.59	1.09754	558395.17	4160492.59	1.23983
558395.17	4160502.59	1.40605	558395.17	4160512.59	1.59907
557513.48	4160678.78	0.12660	557513.48	4160688.78	0.12537
557513.48	4160698.78	0.12407	557513.48	4160708.78	0.12279
557513.48	4160718.78	0.12163	557513.48	4160728.78	0.12050
557523.48	4160678.78	0.12995	557523.48	4160688.78	0.12866
557523.48	4160698.78	0.12734	557523.48	4160708.78	0.12602
557523.48	4160718.78	0.12486	557523.48	4160728.78	0.12380
557533.48	4160678.78	0.13361	557533.48	4160688.78	0.13234
557533.48	4160698.78	0.13100	557533.48	4160708.78	0.12963
557533.48	4160718.78	0.12841	557533.48	4160728.78	0.12734
557543.48	4160678.78	0.13739	557543.48	4160688.78	0.13607
557543.48	4160698.78	0.13466	557543.48	4160708.78	0.13341
557543.48	4160718.78	0.13208	557543.48	4160728.78	0.13103
557553.48	4160678.78	0.14195	557553.48	4160688.78	0.14047
557553.48	4160698.78	0.13914	557553.48	4160708.78	0.13779
557553.48	4160718.78	0.13637	557553.48	4160728.78	0.13522
557563.48	4160678.78	0.14669	557563.48	4160688.78	0.14504
557563.48	4160698.78	0.14349	557563.48	4160708.78	0.14199
557563.48	4160718.78	0.14055	557563.48	4160728.78	0.13945
557573.48	4160678.78	0.15076	557573.48	4160688.78	0.14944

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: OFF_DST ***
INCLUDING SOURCE(S): OFF_DST ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
557573.48	4160698.78	0.14790	557573.48	4160708.78	0.14643
557573.48	4160718.78	0.14494	557573.48	4160728.78	0.14382
557583.48	4160678.78	0.15529	557583.48	4160688.78	0.15376
557583.48	4160698.78	0.15234	557583.48	4160708.78	0.15115

557583.48	4160718.78	0.14954	557583.48	4160728.78	0.14832
557593.48	4160678.78	0.16026	557593.48	4160688.78	0.15883
557593.48	4160698.78	0.15729	557593.48	4160708.78	0.15584
557593.48	4160718.78	0.15439	557593.48	4160728.78	0.15316
557603.48	4160678.78	0.16550	557603.48	4160688.78	0.16413
557603.48	4160698.78	0.16249	557603.48	4160708.78	0.16094
557603.48	4160718.78	0.15967	557613.48	4160678.78	0.17165
557613.48	4160688.78	0.16990	557613.48	4160698.78	0.16808
557613.48	4160708.78	0.16658	557623.48	4160688.78	0.17576
557623.48	4160698.78	0.17385	557623.48	4160708.78	0.17250
558477.66	4160568.94	2.41343	558477.66	4160578.94	2.66964
558477.66	4160588.94	2.95785	558477.66	4160598.94	3.27824
558487.66	4160568.94	2.30920	558487.66	4160578.94	2.53937
558487.66	4160588.94	2.79137	558487.66	4160598.94	3.06736
558497.66	4160568.94	2.23679	558497.66	4160578.94	2.44658
558497.66	4160588.94	2.67524	558497.66	4160598.94	2.91385
558507.66	4160568.94	2.17995	558507.66	4160578.94	2.36807
558507.66	4160588.94	2.57707	558507.66	4160598.94	2.78650
558517.66	4160568.94	2.11607	558517.66	4160578.94	2.28853
558517.66	4160588.94	2.46886	558517.66	4160598.94	2.65156
558527.66	4160568.94	2.04771	558527.66	4160578.94	2.20471
558527.66	4160588.94	2.36223	558527.66	4160598.94	2.51598
558537.66	4160568.94	1.98119	558537.66	4160578.94	2.11990
558537.66	4160588.94	2.25614	558537.66	4160598.94	2.38330
558547.66	4160568.94	1.91421	558547.66	4160578.94	2.03624
558547.66	4160588.94	2.14992	558557.66	4160568.94	1.84904
558600.64	4160569.24	1.58207	558600.64	4160579.24	1.63527
558600.64	4160589.24	1.67941	558600.64	4160599.24	1.71377
558610.64	4160569.24	1.51331	558610.64	4160579.24	1.55724
558610.64	4160589.24	1.59261	558610.64	4160599.24	1.61908
558620.64	4160569.24	1.44664	558620.64	4160579.24	1.48248
558620.64	4160589.24	1.51062	558620.64	4160599.24	1.53063
558630.64	4160569.24	1.38192	558630.64	4160579.24	1.41105
558630.64	4160589.24	1.43274	558630.64	4160599.24	1.44727
558640.64	4160569.24	1.31943	558640.64	4160579.24	1.34262
558640.64	4160589.24	1.35887	558640.64	4160599.24	1.36892

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: OFF_DST ***
INCLUDING SOURCE(S): OFF_DST ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558650.64	4160569.24	1.25917	558650.64	4160579.24	1.27731
558650.64	4160589.24	1.28922	558650.64	4160599.24	1.29597

558660.64	4160569.24	1.20189	558660.64	4160579.24	1.21580
558660.64	4160589.24	1.22417	558660.64	4160599.24	1.22840
558670.64	4160569.24	1.14704	558670.64	4160579.24	1.15727
558670.64	4160589.24	1.16290	558495.40	4160499.48	1.20964
558495.40	4160509.48	1.32945	558495.40	4160519.48	1.45941
558495.40	4160529.48	1.59996	558505.40	4160499.48	1.19871
558505.40	4160509.48	1.31402	558505.40	4160519.48	1.43891
558505.40	4160529.48	1.57390	558515.40	4160499.48	1.18813
558515.40	4160509.48	1.29937	558515.40	4160519.48	1.41917
558515.40	4160529.48	1.54864	558525.40	4160499.48	1.17711
558525.40	4160509.48	1.28432	558525.40	4160519.48	1.39932
558525.40	4160529.48	1.52329	558535.40	4160499.48	1.16639
558535.40	4160509.48	1.26937	558535.40	4160519.48	1.37972
558535.40	4160529.48	1.49738	558545.40	4160499.48	1.15499
558545.40	4160509.48	1.25393	558545.40	4160519.48	1.35921
558545.40	4160529.48	1.47079	558555.40	4160499.48	1.14340
558555.40	4160509.48	1.23781	558555.40	4160519.48	1.33755
558555.40	4160529.48	1.44336	558565.40	4160499.48	1.13059
558565.40	4160509.48	1.22078	558565.40	4160519.48	1.31571
558565.40	4160529.48	1.41531	558618.98	4160498.88	1.04489
558618.98	4160508.88	1.10959	558618.98	4160518.88	1.17425
558618.98	4160528.88	1.23787	558628.98	4160498.88	1.02645
558628.98	4160508.88	1.08627	558628.98	4160518.88	1.14534
558628.98	4160528.88	1.20268	558638.98	4160498.88	1.00694
558638.98	4160508.88	1.06194	558638.98	4160518.88	1.11560
558638.98	4160528.88	1.16695	558648.98	4160498.88	0.98645
558648.98	4160508.88	1.03674	558648.98	4160518.88	1.08519
558648.98	4160528.88	1.13093	558658.98	4160498.88	0.96512
558658.98	4160508.88	1.01096	558658.98	4160518.88	1.05430
558658.98	4160528.88	1.09475	558668.98	4160498.88	0.94302
558668.98	4160508.88	0.98434	558668.98	4160518.88	1.02312
558668.98	4160528.88	1.05858	558678.98	4160498.88	0.92029
558678.98	4160508.88	0.95745	558678.98	4160518.88	0.99182
558678.98	4160528.88	1.02274	558688.98	4160498.88	0.89708
558688.98	4160508.88	0.93030	558688.98	4160518.88	0.96059
558444.41	4160372.35	0.37910	558454.41	4160382.35	0.39839
558454.41	4160392.35	0.43008	558454.41	4160402.35	0.46649
558464.41	4160382.35	0.39603	558464.41	4160392.35	0.42837

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: OFF_DST ***

INCLUDING SOURCE(S): OFF_DST ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

558464.41	4160402.35	0.46603	558474.41	4160382.35	0.39488
558474.41	4160392.35	0.42742	558474.41	4160402.35	0.46509
558484.41	4160382.35	0.39429	558484.41	4160392.35	0.42627
558484.41	4160402.35	0.46271	558494.41	4160382.35	0.39497
558494.41	4160392.35	0.42729	558494.41	4160402.35	0.46435
558504.41	4160382.35	0.39646	558504.41	4160392.35	0.43212
558504.41	4160402.35	0.47417	558514.41	4160382.35	0.39897
558514.41	4160392.35	0.43482	558514.41	4160402.35	0.47791
558524.41	4160392.35	0.43820	558524.41	4160402.35	0.48111
558581.82	4160392.36	0.46643	558581.82	4160402.36	0.50756
558581.82	4160412.36	0.55232	558581.82	4160422.36	0.60087
558591.82	4160392.36	0.47066	558591.82	4160402.36	0.51149
558591.82	4160412.36	0.55575	558591.82	4160422.36	0.60360
558601.82	4160382.36	0.43743	558601.82	4160392.36	0.47476
558601.82	4160402.36	0.51524	558601.82	4160412.36	0.55894
558601.82	4160422.36	0.60599	558611.82	4160382.36	0.44137
558611.82	4160392.36	0.47838	558611.82	4160402.36	0.51859
558611.82	4160412.36	0.56176	558611.82	4160422.36	0.60793
558621.82	4160382.36	0.44535	558621.82	4160392.36	0.48199
558621.82	4160402.36	0.52159	558621.82	4160412.36	0.56412
558621.82	4160422.36	0.60935	558631.82	4160382.36	0.44909
558631.82	4160392.36	0.48527	558631.82	4160402.36	0.52429
558641.82	4160382.36	0.45253	558641.82	4160392.36	0.48815
558641.82	4160402.36	0.52660	558651.82	4160382.36	0.45565
558651.82	4160392.36	0.49082	558651.82	4160402.36	0.52849
558661.82	4160382.36	0.45841	558661.82	4160392.36	0.49294
558661.82	4160402.36	0.52985	558671.82	4160362.36	0.39910
558671.82	4160372.36	0.42897	558671.82	4160382.36	0.46080
558671.82	4160392.36	0.49465	558671.82	4160402.36	0.53072
558681.82	4160362.36	0.40209	558681.82	4160372.36	0.43041
558681.82	4160382.36	0.46278	558681.82	4160392.36	0.49590
558681.82	4160402.36	0.53088	558691.82	4160362.36	0.40476
558691.82	4160372.36	0.43371	558691.82	4160382.36	0.46437
558691.82	4160392.36	0.49672	558691.82	4160402.36	0.53082
558701.82	4160362.36	0.40710	558701.82	4160372.36	0.43553
558701.82	4160382.36	0.46553	558701.82	4160392.36	0.49709
558701.82	4160402.36	0.53020	558711.82	4160362.36	0.40909
558711.82	4160372.36	0.43695	558711.82	4160382.36	0.46626
558711.82	4160392.36	0.49703	558711.82	4160402.36	0.52912
558721.82	4160362.36	0.41072	558721.82	4160372.36	0.43797

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: OFF_DST ***
INCLUDING SOURCE(S): OFF_DST ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558721.82	4160382.36	0.46674	558721.82	4160392.36	0.49644
558721.82	4160402.36	0.52740	558690.09	4160295.24	0.24854
558690.09	4160305.24	0.26682	558690.09	4160315.24	0.28657
558690.09	4160325.24	0.30775	558690.09	4160335.24	0.33060
558700.09	4160295.24	0.25183	558700.09	4160305.24	0.27041
558700.09	4160315.24	0.29008	558700.09	4160325.24	0.31110
558700.09	4160335.24	0.33373	558710.09	4160295.24	0.25537
558710.09	4160305.24	0.27385	558710.09	4160315.24	0.29347
558710.09	4160325.24	0.31442	558710.09	4160335.24	0.33678
558720.09	4160295.24	0.25891	558720.09	4160305.24	0.27722
558720.09	4160315.24	0.29674	558720.09	4160325.24	0.31771
558612.68	4160297.32	0.22756	558612.68	4160307.32	0.24410
558612.68	4160317.32	0.26254	558612.68	4160327.32	0.28302
558612.68	4160337.32	0.30584	558622.68	4160297.32	0.23005
558622.68	4160307.32	0.24706	558622.68	4160317.32	0.26591
558622.68	4160327.32	0.28672	558622.68	4160337.32	0.30988
558632.68	4160297.32	0.23295	558632.68	4160307.32	0.25030
558632.68	4160317.32	0.26950	558632.68	4160327.32	0.29063
558632.68	4160337.32	0.31398	558642.68	4160297.32	0.23650
558642.68	4160307.32	0.25372	558642.68	4160317.32	0.27325
558642.68	4160327.32	0.29461	558642.68	4160337.32	0.31817
558652.68	4160297.32	0.23962	558652.68	4160307.32	0.25735
558652.68	4160317.32	0.27708	558652.68	4160327.32	0.29858
558652.68	4160337.32	0.32216	558662.68	4160297.32	0.24340
558662.68	4160307.32	0.26131	558662.68	4160317.32	0.28091
558662.68	4160327.32	0.30243	558662.68	4160337.32	0.32599
558672.68	4160297.32	0.24642	558672.68	4160307.32	0.26490
558672.68	4160317.32	0.28482	558672.68	4160327.32	0.30628
558672.68	4160337.32	0.32970	558543.58	4160290.65	0.21516
558553.58	4160300.65	0.22763	558553.58	4160310.65	0.24223
558553.58	4160320.65	0.25867	558553.58	4160330.65	0.27718
558563.58	4160300.65	0.22787	558563.58	4160310.65	0.24291
558563.58	4160320.65	0.25983	558563.58	4160330.65	0.27887
558573.58	4160300.65	0.22855	558573.58	4160310.65	0.24405
558573.58	4160320.65	0.26147	558573.58	4160330.65	0.28104
558583.58	4160300.65	0.22966	558583.58	4160310.65	0.24564
558583.58	4160320.65	0.26357	558583.58	4160330.65	0.28366
558593.58	4160330.65	0.28668	558455.35	4160303.56	0.25175
558455.35	4160313.56	0.26454	558455.35	4160323.56	0.27865
558455.35	4160333.56	0.29430	558455.35	4160343.56	0.31173

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: OFF_DST ***
INCLUDING SOURCE(S): OFF_DST ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558465.35	4160303.56	0.24757	558465.35	4160313.56	0.26039
558465.35	4160323.56	0.27457	558465.35	4160333.56	0.29034
558465.35	4160343.56	0.30797	558475.35	4160303.56	0.24391
558475.35	4160313.56	0.25681	558475.35	4160323.56	0.27113
558475.35	4160333.56	0.28709	558475.35	4160343.56	0.30500
558485.35	4160303.56	0.24076	558485.35	4160313.56	0.25370
558485.35	4160323.56	0.26831	558485.35	4160333.56	0.28453
558485.35	4160343.56	0.30277	558495.35	4160303.56	0.23812
558495.35	4160313.56	0.25135	558495.35	4160323.56	0.26609
558495.35	4160333.56	0.28263	558495.35	4160343.56	0.30126
558505.35	4160303.56	0.23596	558505.35	4160313.56	0.24941
558505.35	4160323.56	0.26445	558505.35	4160333.56	0.28135
558515.35	4160303.56	0.23426	558515.35	4160313.56	0.24798
558515.35	4160323.56	0.26335	558515.35	4160333.56	0.28066
558525.35	4160303.56	0.23299	558525.35	4160313.56	0.24702
558525.35	4160323.56	0.26277	558525.35	4160333.56	0.28053
558535.35	4160303.56	0.23215	558535.35	4160313.56	0.24653
558535.35	4160323.56	0.26269	558535.35	4160333.56	0.28093
558616.67	4160229.97	0.15448	558616.67	4160239.97	0.16264
558616.67	4160249.97	0.17171	558626.67	4160229.97	0.15467
558626.67	4160239.97	0.16311	558626.67	4160249.97	0.17249
558636.67	4160229.97	0.15516	558636.67	4160239.97	0.16389
558636.67	4160249.97	0.17359	558646.67	4160229.97	0.15594
558646.67	4160239.97	0.16498	558646.67	4160249.97	0.17501
558656.67	4160229.97	0.15700	558656.67	4160239.97	0.16635
558666.67	4160229.97	0.15833	558666.67	4160239.97	0.16800
558676.67	4160229.97	0.15992	558676.67	4160239.97	0.16990
558686.67	4160229.97	0.16173	558686.67	4160239.97	0.17200
558696.67	4160229.97	0.16374	558696.67	4160239.97	0.17432
558706.67	4160229.97	0.16593	558706.67	4160239.97	0.17679
558716.67	4160229.97	0.16828	558716.67	4160239.97	0.17939
558420.21	4160235.80	0.20436	558420.21	4160245.80	0.21225
558420.21	4160255.80	0.22069	558430.21	4160235.80	0.19965
558430.21	4160245.80	0.20733	558430.21	4160255.80	0.21557
558440.21	4160235.80	0.19521	558440.21	4160245.80	0.20273
558440.21	4160255.80	0.21077	558450.21	4160235.80	0.19099
558450.21	4160245.80	0.19836	558450.21	4160255.80	0.20629
558460.21	4160235.80	0.18707	558460.21	4160245.80	0.19433
558460.21	4160255.80	0.20216	558470.21	4160235.80	0.18342
558470.21	4160245.80	0.19060	558470.21	4160255.80	0.19835

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: OFF_DST ***
INCLUDING SOURCE(S): OFF_DST ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558480.21	4160235.80	0.18002	558480.21	4160245.80	0.18718
558480.21	4160255.80	0.19488	558490.21	4160235.80	0.17688
558490.21	4160245.80	0.18381	558490.21	4160255.80	0.19174
558500.21	4160235.80	0.17413	558500.21	4160245.80	0.18123
558500.21	4160255.80	0.18892	558510.21	4160235.80	0.17158
558510.21	4160245.80	0.17869	558510.21	4160255.80	0.18642
558520.21	4160235.80	0.16928	558520.21	4160245.80	0.17642
558520.21	4160255.80	0.18421	558530.21	4160235.80	0.16722
558530.21	4160245.80	0.17442	558530.21	4160255.80	0.18229
558540.21	4160235.80	0.16540	558540.21	4160245.80	0.17267
558540.21	4160255.80	0.18064	558550.21	4160235.80	0.16379
558550.21	4160245.80	0.17117	558550.21	4160255.80	0.17926
558560.21	4160235.80	0.16241	558560.21	4160245.80	0.16996
558560.21	4160255.80	0.17827	558570.21	4160235.80	0.16125
558570.21	4160245.80	0.16888	558570.21	4160255.80	0.17730
558580.21	4160235.80	0.16032	558580.21	4160245.80	0.16812
558590.21	4160235.80	0.15963	558590.21	4160245.80	0.16764
558600.21	4160245.80	0.16744			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ONROAD ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
557996.38	4160720.52	0.21218	557996.38	4160730.52	0.21120
557996.38	4160740.52	0.20952	558006.38	4160710.52	0.22060
558006.38	4160720.52	0.21960	558006.38	4160730.52	0.21829
558006.38	4160740.52	0.21695	558016.38	4160710.52	0.22838
558016.38	4160720.52	0.22719	558016.38	4160730.52	0.22581
558016.38	4160740.52	0.22417	558026.38	4160710.52	0.23601
558026.38	4160720.52	0.23519	558026.38	4160730.52	0.23362
558026.38	4160740.52	0.23182	558277.53	4160581.24	1.15921
558277.53	4160591.24	1.19182	558287.53	4160581.24	1.30888

558287.53	4160591.24	1.35252	558297.53	4160581.24	1.49258
558297.53	4160591.24	1.55499	558307.53	4160581.24	1.71670
558307.53	4160591.24	1.81137	558317.53	4160581.24	1.98342
558317.53	4160591.24	2.13436	558327.53	4160581.24	2.29003
558327.53	4160591.24	2.53821	558337.53	4160581.24	2.59759
558101.05	4160547.13	0.33653	558101.05	4160557.13	0.33830
558111.05	4160547.13	0.35230	558111.05	4160557.13	0.35426
558111.05	4160567.13	0.35575	558121.05	4160537.13	0.36670
558121.05	4160547.13	0.36927	558121.05	4160557.13	0.37145
558121.05	4160567.13	0.37318	558121.05	4160577.13	0.37436
558121.05	4160587.13	0.37493	558131.05	4160527.13	0.38162
558131.05	4160537.13	0.38477	558131.05	4160547.13	0.38754
558131.05	4160557.13	0.39000	558131.05	4160567.13	0.39201
558131.05	4160577.13	0.39350	558131.05	4160587.13	0.39429
558131.05	4160597.13	0.39437	558141.05	4160527.13	0.40093
558141.05	4160537.13	0.40425	558141.05	4160547.13	0.40737
558141.05	4160557.13	0.41013	558141.05	4160567.13	0.41252
558141.05	4160577.13	0.41430	558141.05	4160587.13	0.41534
558141.05	4160597.13	0.41562	558141.05	4160607.13	0.41513
558151.05	4160537.13	0.42552	558151.05	4160547.13	0.42893
558151.05	4160557.13	0.43210	558151.05	4160567.13	0.43487
558151.05	4160577.13	0.43701	558151.05	4160587.13	0.43837
558151.05	4160597.13	0.43905	558151.05	4160607.13	0.43861
558151.05	4160617.13	0.43728	558161.05	4160547.13	0.45272
558161.05	4160557.13	0.45619	558161.05	4160567.13	0.45936
558161.05	4160577.13	0.46192	558161.05	4160587.13	0.46371
558161.05	4160597.13	0.46453	558161.05	4160607.13	0.46384
558171.05	4160557.13	0.48278	558171.05	4160567.13	0.48629
558171.05	4160577.13	0.48933	558171.05	4160587.13	0.49160
558171.05	4160597.13	0.49248	558181.05	4160567.13	0.51628
558181.05	4160577.13	0.51983	558181.05	4160587.13	0.52264

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ONROAD ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558191.05	4160577.13	0.55128	558368.54	4160582.33	3.62061
558378.54	4160582.33	3.81058	558378.54	4160592.33	4.64145

558378.54	4160602.33	5.68243	558378.54	4160612.33	7.61367
558388.54	4160582.33	3.99622	558388.54	4160592.33	4.91196
558388.54	4160602.33	6.04694	558388.54	4160612.33	5.37431
558398.54	4160582.33	4.21782	558398.54	4160592.33	5.07482
558398.54	4160602.33	6.38896	558398.54	4160612.33	5.96057
557976.09	4160490.12	0.20180	557976.09	4160500.12	0.20310
557976.09	4160510.12	0.20463	557976.09	4160520.12	0.20583
557976.09	4160530.12	0.20700	557986.09	4160480.12	0.20729
557986.09	4160490.12	0.20927	557986.09	4160500.12	0.21063
557986.09	4160510.12	0.21177	557986.09	4160520.12	0.21303
557986.09	4160530.12	0.21411	557996.09	4160480.12	0.21522
557996.09	4160490.12	0.21666	557996.09	4160500.12	0.21797
557996.09	4160510.12	0.21924	557996.09	4160520.12	0.22042
557996.09	4160530.12	0.22149	557996.09	4160540.12	0.22226
557996.09	4160550.12	0.22303	557996.09	4160560.12	0.22370
557996.09	4160570.12	0.22404	558006.09	4160480.12	0.22255
558006.09	4160490.12	0.22405	558006.09	4160500.12	0.22548
558006.09	4160510.12	0.22685	558006.09	4160520.12	0.22809
558006.09	4160530.12	0.22928	558006.09	4160540.12	0.23027
558006.09	4160550.12	0.23105	558006.09	4160560.12	0.23171
558006.09	4160570.12	0.23207	558016.09	4160480.12	0.23031
558016.09	4160490.12	0.23187	558016.09	4160500.12	0.23344
558016.09	4160510.12	0.23479	558016.09	4160520.12	0.23609
558016.09	4160530.12	0.23752	558016.09	4160540.12	0.23867
558016.09	4160550.12	0.23950	558016.09	4160560.12	0.24019
558016.09	4160570.12	0.24064	558026.09	4160480.12	0.23848
558026.09	4160490.12	0.24023	558026.09	4160500.12	0.24166
558026.09	4160510.12	0.24285	558026.09	4160520.12	0.24443
558026.09	4160530.12	0.24624	558026.09	4160540.12	0.24753
558026.09	4160550.12	0.24850	558026.09	4160560.12	0.24926
558026.09	4160570.12	0.24967	558036.09	4160480.12	0.24661
558036.09	4160490.12	0.24860	558036.09	4160500.12	0.24998
558036.09	4160510.12	0.25096	558036.09	4160520.12	0.25316
558036.09	4160530.12	0.25547	558036.09	4160540.12	0.25694
558036.09	4160550.12	0.25803	558036.09	4160560.12	0.25883
558046.09	4160480.12	0.25437	558046.09	4160490.12	0.25634
558046.09	4160500.12	0.25773	558046.09	4160510.12	0.25915
558046.09	4160520.12	0.26240	558046.09	4160530.12	0.26520

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ONROAD ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558046.09	4160540.12	0.26693	558046.09	4160550.12	0.26812
558056.09	4160480.12	0.26349	558056.09	4160490.12	0.26510
558056.09	4160500.12	0.26639	558056.09	4160510.12	0.26844
558056.09	4160520.12	0.27284	558056.09	4160530.12	0.27583
558056.09	4160540.12	0.27758	558066.09	4160480.12	0.27640
558066.09	4160490.12	0.27809	558066.09	4160500.12	0.27786
558066.09	4160510.12	0.28182	558066.09	4160520.12	0.28514
558066.09	4160530.12	0.28724	558076.09	4160480.12	0.28778
558076.09	4160490.12	0.28968	558076.09	4160500.12	0.28928
558076.09	4160510.12	0.29422	558076.09	4160520.12	0.29715
558086.09	4160490.12	0.30128	558086.09	4160500.12	0.30284
558086.09	4160510.12	0.30701	558096.09	4160490.12	0.31387
558096.09	4160500.12	0.31755	558186.78	4160496.28	0.49009
558186.78	4160506.28	0.49304	558196.78	4160496.28	0.52077
558196.78	4160506.28	0.52466	558196.78	4160516.28	0.52896
558196.78	4160526.28	0.53713	558206.78	4160506.28	0.56048
558206.78	4160516.28	0.56756	558206.78	4160526.28	0.57339
558206.78	4160536.28	0.58205	558216.78	4160516.28	0.60701
558216.78	4160526.28	0.61547	558216.78	4160536.28	0.62300
558216.78	4160546.28	0.63088	558226.78	4160526.28	0.65997
558226.78	4160536.28	0.67055	558226.78	4160546.28	0.68100
558236.78	4160536.28	0.72236	558115.17	4160402.59	0.31455
558115.17	4160412.59	0.31802	558115.17	4160422.59	0.32118
558115.17	4160432.59	0.32462	558115.17	4160442.59	0.32789
558125.17	4160392.59	0.32396	558125.17	4160402.59	0.32779
558125.17	4160412.59	0.33128	558125.17	4160422.59	0.33490
558125.17	4160432.59	0.33851	558125.17	4160442.59	0.34232
558135.17	4160372.59	0.32930	558135.17	4160382.59	0.33351
558135.17	4160392.59	0.33773	558135.17	4160402.59	0.34155
558135.17	4160412.59	0.34560	558135.17	4160422.59	0.34967
558135.17	4160432.59	0.35360	558135.17	4160442.59	0.35782
558145.17	4160372.59	0.34305	558145.17	4160382.59	0.34765
558145.17	4160392.59	0.35198	558145.17	4160402.59	0.35645
558145.17	4160412.59	0.36101	558145.17	4160422.59	0.36544
558145.17	4160432.59	0.36984	558145.17	4160442.59	0.37446
558155.17	4160372.59	0.35745	558155.17	4160382.59	0.36257
558155.17	4160392.59	0.36727	558155.17	4160402.59	0.37238
558155.17	4160412.59	0.37743	558155.17	4160422.59	0.38231
558155.17	4160432.59	0.38722	558155.17	4160442.59	0.39243
558165.17	4160362.59	0.36676	558165.17	4160372.59	0.37268

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ONROAD ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013

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L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021
,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558165.17	4160382.59	0.37832	558165.17	4160392.59	0.38395
558165.17	4160402.59	0.38929	558165.17	4160412.59	0.39484
558165.17	4160422.59	0.40032	558165.17	4160432.59	0.40612
558175.17	4160362.59	0.38249	558175.17	4160372.59	0.38873
558175.17	4160382.59	0.39494	558175.17	4160392.59	0.40119
558175.17	4160402.59	0.40733	558175.17	4160412.59	0.41349
558175.17	4160422.59	0.41983	558185.17	4160362.59	0.39897
558185.17	4160372.59	0.40561	558185.17	4160382.59	0.41250
558185.17	4160392.59	0.41940	558185.17	4160402.59	0.42648
558185.17	4160412.59	0.43341	558185.17	4160422.59	0.44043
558185.17	4160432.59	0.44731	558185.17	4160442.59	0.45401
558195.17	4160362.59	0.41615	558195.17	4160372.59	0.42342
558195.17	4160382.59	0.43103	558195.17	4160392.59	0.43879
558195.17	4160402.59	0.44677	558195.17	4160412.59	0.45441
558195.17	4160422.59	0.46217	558195.17	4160432.59	0.47005
558195.17	4160442.59	0.47718	558195.17	4160452.59	0.48377
558205.17	4160362.59	0.43417	558205.17	4160372.59	0.44226
558205.17	4160382.59	0.45068	558205.17	4160392.59	0.45930
558205.17	4160402.59	0.46815	558205.17	4160412.59	0.47678
558205.17	4160422.59	0.48563	558205.17	4160432.59	0.49415
558205.17	4160442.59	0.50287	558205.17	4160452.59	0.51054
558205.17	4160462.59	0.51870	558215.17	4160362.59	0.45307
558215.17	4160372.59	0.46212	558215.17	4160382.59	0.47158
558215.17	4160392.59	0.48100	558215.17	4160402.59	0.49079
558215.17	4160412.59	0.50057	558215.17	4160422.59	0.50996
558215.17	4160432.59	0.51984	558215.17	4160442.59	0.53001
558215.17	4160452.59	0.54022	558215.17	4160462.59	0.54871
558215.17	4160472.59	0.55818	558225.17	4160362.59	0.47282
558225.17	4160372.59	0.48294	558225.17	4160382.59	0.49344
558225.17	4160392.59	0.50401	558225.17	4160402.59	0.51467
558225.17	4160412.59	0.52516	558225.17	4160422.59	0.53612
558225.17	4160432.59	0.54736	558225.17	4160442.59	0.55884
558225.17	4160452.59	0.57023	558225.17	4160462.59	0.58183
558225.17	4160472.59	0.59251	558225.17	4160482.59	0.60321
558235.17	4160362.59	0.49353	558235.17	4160372.59	0.50472
558235.17	4160382.59	0.51623	558235.17	4160392.59	0.52797
558235.17	4160402.59	0.53982	558235.17	4160412.59	0.55165
558235.17	4160422.59	0.56423	558235.17	4160432.59	0.57662
558235.17	4160442.59	0.58948	558235.17	4160452.59	0.60263
558235.17	4160462.59	0.61619	558235.17	4160472.59	0.62985

*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\Projects\410 Airport_DPM\410 Airport_DPM.isc *** 05/01/24
*** AERMET - VERSION 18081 *** *** *** 08:36:17

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ONROAD ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558235.17	4160482.59	0.64226	558235.17	4160492.59	0.65436
558245.17	4160362.59	0.51509	558245.17	4160372.59	0.52744
558245.17	4160382.59	0.54009	558245.17	4160392.59	0.55308
558245.17	4160402.59	0.56641	558245.17	4160412.59	0.57969
558245.17	4160422.59	0.59350	558245.17	4160432.59	0.60754
558245.17	4160442.59	0.62209	558245.17	4160452.59	0.63737
558245.17	4160462.59	0.65300	558245.17	4160472.59	0.66837
558245.17	4160482.59	0.68407	558245.17	4160492.59	0.69909
558245.17	4160502.59	0.71338	558255.17	4160362.59	0.53749
558255.17	4160372.59	0.55109	558255.17	4160382.59	0.56502
558255.17	4160392.59	0.57936	558255.17	4160402.59	0.59405
558255.17	4160412.59	0.60955	558255.17	4160422.59	0.62457
558255.17	4160432.59	0.64045	558255.17	4160442.59	0.65721
558255.17	4160452.59	0.67441	558255.17	4160462.59	0.69179
558255.17	4160472.59	0.70978	558255.17	4160482.59	0.72838
558255.17	4160492.59	0.74757	558255.17	4160502.59	0.76486
558255.17	4160512.59	0.78206	558265.17	4160362.59	0.56097
558265.17	4160372.59	0.57575	558265.17	4160382.59	0.59100
558265.17	4160392.59	0.60682	558265.17	4160402.59	0.62309
558265.17	4160412.59	0.63992	558265.17	4160422.59	0.65721
558265.17	4160432.59	0.67533	558265.17	4160442.59	0.69426
558265.17	4160452.59	0.71340	558265.17	4160462.59	0.73305
558265.17	4160472.59	0.75415	558265.17	4160482.59	0.77631
558265.17	4160492.59	0.79868	558265.17	4160502.59	0.82187
558265.17	4160512.59	0.84294	558265.17	4160522.59	0.86449
558275.17	4160362.59	0.58536	558275.17	4160372.59	0.60139
558275.17	4160382.59	0.61799	558275.17	4160392.59	0.63533
558275.17	4160402.59	0.65335	558275.17	4160412.59	0.67206
558275.17	4160422.59	0.69144	558275.17	4160432.59	0.71182
558275.17	4160442.59	0.73277	558275.17	4160452.59	0.75456
558275.17	4160462.59	0.77749	558275.17	4160472.59	0.80210
558275.17	4160482.59	0.82731	558275.17	4160492.59	0.85342
558275.17	4160502.59	0.88133	558275.17	4160512.59	0.91066
558275.17	4160522.59	0.93844	558275.17	4160532.59	0.96550
558285.17	4160362.59	0.61059	558285.17	4160372.59	0.62790
558285.17	4160382.59	0.64562	558285.17	4160392.59	0.66488

558285.17	4160402.59	0.68469	558285.17	4160412.59	0.70542
558285.17	4160422.59	0.72715	558285.17	4160432.59	0.74970
558285.17	4160442.59	0.77317	558285.17	4160452.59	0.79792
558285.17	4160462.59	0.82481	558285.17	4160472.59	0.85265

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ONROAD ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558285.17	4160482.59	0.88126	558285.17	4160492.59	0.91190
558285.17	4160502.59	0.94536	558285.17	4160512.59	0.98116
558285.17	4160522.59	1.01738	558285.17	4160532.59	1.05203
558295.17	4160362.59	0.63657	558295.17	4160372.59	0.65527
558295.17	4160382.59	0.67479	558295.17	4160392.59	0.69521
558295.17	4160402.59	0.71618	558295.17	4160412.59	0.73963
558295.17	4160422.59	0.76369	558295.17	4160432.59	0.78900
558295.17	4160442.59	0.81546	558295.17	4160452.59	0.84383
558295.17	4160462.59	0.87392	558295.17	4160472.59	0.90536
558295.17	4160482.59	0.93898	558295.17	4160492.59	0.97480
558295.17	4160502.59	1.01352	558295.17	4160512.59	1.05699
558295.17	4160522.59	1.10191	558295.17	4160532.59	1.14694
558305.17	4160362.59	0.66333	558305.17	4160372.59	0.68349
558305.17	4160382.59	0.70423	558305.17	4160392.59	0.72591
558305.17	4160402.59	0.74779	558305.17	4160412.59	0.77253
558305.17	4160422.59	0.80064	558305.17	4160432.59	0.82901
558305.17	4160442.59	0.85869	558305.17	4160452.59	0.89037
558305.17	4160462.59	0.92401	558305.17	4160472.59	0.95999
558305.17	4160482.59	0.99874	558305.17	4160492.59	1.04092
558305.17	4160502.59	1.08673	558305.17	4160512.59	1.13795
558305.17	4160522.59	1.19349	558305.17	4160532.59	1.25089
558315.17	4160362.59	0.69068	558315.17	4160372.59	0.71225
558315.17	4160382.59	0.73362	558315.17	4160392.59	0.75714
558315.17	4160402.59	0.78224	558315.17	4160412.59	0.80823
558315.17	4160422.59	0.83752	558315.17	4160432.59	0.86930
558315.17	4160442.59	0.90233	558315.17	4160452.59	0.93752
558315.17	4160462.59	0.97517	558315.17	4160472.59	1.01595
558315.17	4160482.59	1.06042	558315.17	4160492.59	1.10928
558315.17	4160502.59	1.16347	558315.17	4160512.59	1.22394

558315.17	4160522.59	1.29104	558315.17	4160532.59	1.36141
558325.17	4160362.59	0.71865	558325.17	4160372.59	0.74131
558325.17	4160382.59	0.76459	558325.17	4160392.59	0.79000
558325.17	4160402.59	0.81718	558325.17	4160412.59	0.84594
558325.17	4160422.59	0.87700	558325.17	4160432.59	0.91040
558325.17	4160442.59	0.94652	558325.17	4160452.59	0.98519
558325.17	4160462.59	1.02697	558325.17	4160472.59	1.07260
558325.17	4160482.59	1.12293	558325.17	4160492.59	1.17878
558325.17	4160502.59	1.24152	558325.17	4160512.59	1.31245
558325.17	4160522.59	1.39164	558325.17	4160532.59	1.47678
558335.17	4160362.59	0.74684	558335.17	4160372.59	0.77212

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ONROAD ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558335.17	4160382.59	0.79647	558335.17	4160392.59	0.82351
558335.17	4160402.59	0.85290	558335.17	4160412.59	0.88349
558335.17	4160422.59	0.91635	558335.17	4160432.59	0.95098
558335.17	4160442.59	0.99048	558335.17	4160452.59	1.03324
558335.17	4160462.59	1.07858	558335.17	4160472.59	1.12891
558335.17	4160482.59	1.18482	558335.17	4160492.59	1.24782
558335.17	4160502.59	1.31930	558335.17	4160512.59	1.40057
558335.17	4160522.59	1.49204	558335.17	4160532.59	1.59304
558345.17	4160362.59	0.77614	558345.17	4160372.59	0.80281
558345.17	4160382.59	0.83110	558345.17	4160392.59	0.85873
558345.17	4160402.59	0.88917	558345.17	4160412.59	0.92181
558345.17	4160422.59	0.95720	558345.17	4160432.59	0.99487
558345.17	4160442.59	1.03192	558345.17	4160452.59	1.07904
558345.17	4160462.59	1.13051	558345.17	4160472.59	1.18401
558345.17	4160482.59	1.24501	558345.17	4160492.59	1.31410
558345.17	4160502.59	1.39362	558345.17	4160512.59	1.48474
558345.17	4160522.59	1.58801	558345.17	4160532.59	1.70555
558355.17	4160362.59	0.80692	558355.17	4160372.59	0.83452
558355.17	4160382.59	0.86423	558355.17	4160392.59	0.89570
558355.17	4160402.59	0.92703	558355.17	4160412.59	0.96176
558355.17	4160422.59	0.99907	558355.17	4160432.59	1.03810
558355.17	4160442.59	1.08034	558355.17	4160452.59	1.12835

558355.17	4160462.59	1.18209	558355.17	4160472.59	1.24020
558355.17	4160482.59	1.30390	558355.17	4160492.59	1.37781
558355.17	4160502.59	1.46329	558355.17	4160512.59	1.56206
558355.17	4160522.59	1.67624	558355.17	4160532.59	1.81210
558365.17	4160362.59	0.84001	558365.17	4160372.59	0.86943
558365.17	4160382.59	0.90022	558365.17	4160392.59	0.93306
558365.17	4160402.59	0.96665	558365.17	4160412.59	1.00320
558365.17	4160422.59	1.04156	558365.17	4160432.59	1.08258
558365.17	4160442.59	1.12762	558365.17	4160452.59	1.17912
558365.17	4160462.59	1.23503	558365.17	4160472.59	1.29648
558365.17	4160482.59	1.36452	558365.17	4160492.59	1.44286
558365.17	4160502.59	1.53333	558365.17	4160512.59	1.63816
558365.17	4160522.59	1.76122	558365.17	4160532.59	1.90993
558375.17	4160362.59	0.87603	558375.17	4160372.59	0.90763
558375.17	4160382.59	0.94023	558375.17	4160392.59	0.97115
558375.17	4160402.59	1.00828	558375.17	4160412.59	1.04651
558375.17	4160422.59	1.08634	558375.17	4160432.59	1.12983
558375.17	4160442.59	1.17782	558375.17	4160452.59	1.23109

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ONROAD ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558375.17	4160462.59	1.28884	558375.17	4160472.59	1.35329
558375.17	4160482.59	1.42582	558375.17	4160492.59	1.50852
558375.17	4160502.59	1.60373	558375.17	4160512.59	1.71524
558375.17	4160522.59	1.84705	558375.17	4160532.59	2.00644
558385.17	4160362.59	0.91356	558385.17	4160372.59	0.94847
558385.17	4160382.59	0.98248	558385.17	4160392.59	1.01220
558385.17	4160402.59	1.05061	558385.17	4160412.59	1.09111
558385.17	4160422.59	1.13365	558385.17	4160432.59	1.17888
558385.17	4160442.59	1.23005	558385.17	4160452.59	1.28498
558385.17	4160462.59	1.34498	558385.17	4160472.59	1.41217
558385.17	4160482.59	1.48829	558385.17	4160492.59	1.57525
558385.17	4160502.59	1.67563	558385.17	4160512.59	1.79306
558385.17	4160522.59	1.93234	558385.17	4160532.59	2.10056
558395.17	4160362.59	0.95224	558395.17	4160372.59	0.98643
558395.17	4160382.59	1.02066	558395.17	4160392.59	1.05696

558395.17	4160402.59	1.09559	558395.17	4160412.59	1.13705
558395.17	4160422.59	1.18126	558395.17	4160432.59	1.22982
558395.17	4160442.59	1.28257	558395.17	4160452.59	1.34098
558395.17	4160462.59	1.40409	558395.17	4160472.59	1.47419
558395.17	4160482.59	1.55331	558395.17	4160492.59	1.64390
558395.17	4160502.59	1.74935	558395.17	4160512.59	1.87268
557513.48	4160678.78	0.07202	557513.48	4160688.78	0.07205
557513.48	4160698.78	0.07210	557513.48	4160708.78	0.07216
557513.48	4160718.78	0.07224	557513.48	4160728.78	0.07231
557523.48	4160678.78	0.07313	557523.48	4160688.78	0.07316
557523.48	4160698.78	0.07321	557523.48	4160708.78	0.07326
557523.48	4160718.78	0.07335	557523.48	4160728.78	0.07344
557533.48	4160678.78	0.07432	557533.48	4160688.78	0.07436
557533.48	4160698.78	0.07440	557533.48	4160708.78	0.07445
557533.48	4160718.78	0.07453	557533.48	4160728.78	0.07462
557543.48	4160678.78	0.07552	557543.48	4160688.78	0.07555
557543.48	4160698.78	0.07559	557543.48	4160708.78	0.07567
557543.48	4160718.78	0.07573	557543.48	4160728.78	0.07583
557553.48	4160678.78	0.07688	557553.48	4160688.78	0.07689
557553.48	4160698.78	0.07695	557553.48	4160708.78	0.07702
557553.48	4160718.78	0.07707	557553.48	4160728.78	0.07714
557563.48	4160678.78	0.07827	557563.48	4160688.78	0.07826
557563.48	4160698.78	0.07828	557563.48	4160708.78	0.07832
557563.48	4160718.78	0.07837	557563.48	4160728.78	0.07845
557573.48	4160678.78	0.07952	557573.48	4160688.78	0.07958

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ONROAD ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
557573.48	4160698.78	0.07961	557573.48	4160708.78	0.07966
557573.48	4160718.78	0.07970	557573.48	4160728.78	0.07979
557583.48	4160678.78	0.08085	557583.48	4160688.78	0.08088
557583.48	4160698.78	0.08094	557583.48	4160708.78	0.08106
557583.48	4160718.78	0.08107	557583.48	4160728.78	0.08114
557593.48	4160678.78	0.08227	557593.48	4160688.78	0.08232
557593.48	4160698.78	0.08237	557593.48	4160708.78	0.08243
557593.48	4160718.78	0.08248	557593.48	4160728.78	0.08255

557603.48	4160678.78	0.08373	557603.48	4160688.78	0.08380
557603.48	4160698.78	0.08383	557603.48	4160708.78	0.08388
557603.48	4160718.78	0.08397	557613.48	4160678.78	0.08535
557613.48	4160688.78	0.08536	557613.48	4160698.78	0.08536
557613.48	4160708.78	0.08543	557623.48	4160688.78	0.08692
557623.48	4160698.78	0.08692	557623.48	4160708.78	0.08701
558477.66	4160568.94	4.86654	558477.66	4160578.94	5.63403
558477.66	4160588.94	6.65885	558477.66	4160598.94	8.08630
558487.66	4160568.94	5.06551	558487.66	4160578.94	5.77195
558487.66	4160588.94	6.67939	558487.66	4160598.94	7.94713
558497.66	4160568.94	5.36204	558497.66	4160578.94	6.03969
558497.66	4160588.94	6.95060	558497.66	4160598.94	8.19988
558507.66	4160568.94	5.85193	558507.66	4160578.94	6.51579
558507.66	4160588.94	7.50987	558507.66	4160598.94	8.86507
558517.66	4160568.94	6.42630	558517.66	4160578.94	7.14399
558517.66	4160588.94	8.15096	558517.66	4160598.94	9.66195
558527.66	4160568.94	7.13842	558527.66	4160578.94	7.94664
558527.66	4160588.94	9.06068	558527.66	4160598.94	8.39048
558537.66	4160568.94	8.14624	558537.66	4160578.94	9.05816
558537.66	4160588.94	7.63701	558537.66	4160598.94	8.51667
558547.66	4160568.94	9.56642	558547.66	4160578.94	7.54690
558547.66	4160588.94	5.66697	558557.66	4160568.94	5.37363
558600.64	4160569.24	6.93565	558600.64	4160579.24	7.08269
558600.64	4160589.24	8.51396	558600.64	4160599.24	7.71837
558610.64	4160569.24	8.34945	558610.64	4160579.24	7.71579
558610.64	4160589.24	7.10308	558610.64	4160599.24	6.44710
558620.64	4160569.24	7.11171	558620.64	4160579.24	6.57102
558620.64	4160589.24	6.07476	558620.64	4160599.24	5.53332
558630.64	4160569.24	6.12648	558630.64	4160579.24	5.70146
558630.64	4160589.24	5.24654	558630.64	4160599.24	4.77485
558640.64	4160569.24	5.34110	558640.64	4160579.24	4.97348
558640.64	4160589.24	4.56375	558640.64	4160599.24	4.15994

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ONROAD ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558650.64	4160569.24	4.69777	558650.64	4160579.24	4.37573

558650.64	4160589.24	4.02617	558650.64	4160599.24	3.69375
558660.64	4160569.24	4.21903	558660.64	4160579.24	3.92757
558660.64	4160589.24	3.61748	558660.64	4160599.24	3.33721
558670.64	4160569.24	3.81467	558670.64	4160579.24	3.54308
558670.64	4160589.24	3.27555	558495.40	4160499.48	3.13627
558495.40	4160509.48	3.31973	558495.40	4160519.48	3.52772
558495.40	4160529.48	3.76695	558505.40	4160499.48	3.47604
558505.40	4160509.48	3.67292	558505.40	4160519.48	3.89487
558505.40	4160529.48	4.14529	558515.40	4160499.48	3.90834
558515.40	4160509.48	4.12336	558515.40	4160519.48	4.35628
558515.40	4160529.48	4.61505	558525.40	4160499.48	4.44373
558525.40	4160509.48	4.69506	558525.40	4160519.48	4.95453
558525.40	4160529.48	5.23969	558535.40	4160499.48	5.15712
558535.40	4160509.48	5.44491	558535.40	4160519.48	5.74593
558535.40	4160529.48	6.05706	558545.40	4160499.48	6.07282
558545.40	4160509.48	6.43418	558545.40	4160519.48	6.79391
558545.40	4160529.48	7.15717	558555.40	4160499.48	7.33330
558555.40	4160509.48	7.77432	558555.40	4160519.48	8.20280
558555.40	4160529.48	8.67608	558565.40	4160499.48	6.35655
558565.40	4160509.48	7.00117	558565.40	4160519.48	4.99855
558565.40	4160529.48	7.23361	558618.98	4160498.88	5.31771
558618.98	4160508.88	7.01943	558618.98	4160518.88	7.03597
558618.98	4160528.88	8.92117	558628.98	4160498.88	9.12194
558628.98	4160508.88	8.48284	558628.98	4160518.88	7.99737
558628.98	4160528.88	7.63457	558638.98	4160498.88	7.96908
558638.98	4160508.88	7.43334	558638.98	4160518.88	7.02836
558638.98	4160528.88	6.70249	558648.98	4160498.88	7.13039
558648.98	4160508.88	6.64462	558648.98	4160518.88	6.27626
558648.98	4160528.88	5.97492	558658.98	4160498.88	6.51681
558658.98	4160508.88	6.05784	558658.98	4160518.88	5.68808
558658.98	4160528.88	5.39510	558668.98	4160498.88	5.98970
558668.98	4160508.88	5.55140	558668.98	4160518.88	5.20003
558668.98	4160528.88	4.91684	558678.98	4160498.88	5.56762
558678.98	4160508.88	5.13852	558678.98	4160518.88	4.79901
558678.98	4160528.88	4.51666	558688.98	4160498.88	5.19952
558688.98	4160508.88	4.78468	558688.98	4160518.88	4.45942
558444.41	4160372.35	1.24304	558454.41	4160382.35	1.33149
558454.41	4160392.35	1.38345	558454.41	4160402.35	1.43790
558464.41	4160382.35	1.40576	558464.41	4160392.35	1.46233

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ONROAD ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558464.41	4160402.35	1.52436	558474.41	4160382.35	1.48895
558474.41	4160392.35	1.54834	558474.41	4160402.35	1.61308
558484.41	4160382.35	1.57864	558484.41	4160392.35	1.63682
558484.41	4160402.35	1.69733	558494.41	4160382.35	1.68156
558494.41	4160392.35	1.74497	558494.41	4160402.35	1.81379
558504.41	4160382.35	1.79715	558504.41	4160392.35	1.89223
558504.41	4160402.35	2.00624	558514.41	4160382.35	1.92987
558514.41	4160392.35	2.03654	558514.41	4160402.35	2.17467
558524.41	4160392.35	2.20182	558524.41	4160402.35	2.36006
558581.82	4160392.36	3.76861	558581.82	4160402.36	4.22385
558581.82	4160412.36	4.77135	558581.82	4160422.36	5.42811
558591.82	4160392.36	4.09884	558591.82	4160402.36	4.64348
558591.82	4160412.36	5.31424	558591.82	4160422.36	6.14471
558601.82	4160382.36	3.93238	558601.82	4160392.36	4.44457
558601.82	4160402.36	5.08816	558601.82	4160412.36	5.89282
558601.82	4160422.36	6.91020	558611.82	4160382.36	4.17622
558611.82	4160392.36	4.74857	558611.82	4160402.36	5.54725
558611.82	4160412.36	6.49912	558611.82	4160422.36	7.74575
558621.82	4160382.36	4.46122	558621.82	4160392.36	5.10481
558621.82	4160402.36	6.01496	558621.82	4160412.36	7.18429
558621.82	4160422.36	5.94665	558631.82	4160382.36	4.75970
558631.82	4160392.36	5.46756	558631.82	4160402.36	6.50868
558641.82	4160382.36	5.04554	558641.82	4160392.36	5.83360
558641.82	4160402.36	7.04303	558651.82	4160382.36	5.42456
558651.82	4160392.36	6.29940	558651.82	4160402.36	7.65503
558661.82	4160382.36	5.84649	558661.82	4160392.36	6.77932
558661.82	4160402.36	8.30317	558671.82	4160362.36	5.28329
558671.82	4160372.36	5.70592	558671.82	4160382.36	6.34666
558671.82	4160392.36	7.33919	558671.82	4160402.36	8.98488
558681.82	4160362.36	5.89901	558681.82	4160372.36	6.20961
558681.82	4160382.36	6.92044	558681.82	4160392.36	7.97277
558681.82	4160402.36	9.65217	558691.82	4160362.36	6.76916
558691.82	4160372.36	7.16942	558691.82	4160382.36	7.79516
558691.82	4160392.36	8.84761	558691.82	4160402.36	10.60160
558701.82	4160362.36	7.98714	558701.82	4160372.36	8.39103
558701.82	4160382.36	9.02280	558701.82	4160392.36	10.03889
558701.82	4160402.36	11.74816	558711.82	4160362.36	9.72909
558711.82	4160372.36	10.10967	558711.82	4160382.36	8.33489
558711.82	4160392.36	11.67153	558711.82	4160402.36	7.52911
558721.82	4160362.36	5.78084	558721.82	4160372.36	6.45830

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ONROAD ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558721.82	4160382.36	9.20762	558721.82	4160392.36	7.19326
558721.82	4160402.36	7.66993	558690.09	4160295.24	5.32647
558690.09	4160305.24	5.39632	558690.09	4160315.24	5.47266
558690.09	4160325.24	5.55532	558690.09	4160335.24	5.67192
558700.09	4160295.24	6.43543	558700.09	4160305.24	6.53023
558700.09	4160315.24	6.59281	558700.09	4160325.24	6.65654
558700.09	4160335.24	6.75515	558710.09	4160295.24	8.08246
558710.09	4160305.24	8.15257	558710.09	4160315.24	8.21268
558710.09	4160325.24	8.28095	558710.09	4160335.24	8.34427
558720.09	4160295.24	7.07546	558720.09	4160305.24	4.96649
558720.09	4160315.24	7.17912	558720.09	4160325.24	7.32979
558612.68	4160297.32	2.27417	558612.68	4160307.32	2.36881
558612.68	4160317.32	2.47626	558612.68	4160327.32	2.60174
558612.68	4160337.32	2.75583	558622.68	4160297.32	2.44329
558622.68	4160307.32	2.53934	558622.68	4160317.32	2.64788
558622.68	4160327.32	2.77517	558622.68	4160337.32	2.93530
558632.68	4160297.32	2.64688	558632.68	4160307.32	2.74069
558632.68	4160317.32	2.84896	558632.68	4160327.32	2.97752
558632.68	4160337.32	3.13978	558642.68	4160297.32	2.90802
558642.68	4160307.32	2.98255	558642.68	4160317.32	3.09047
558642.68	4160327.32	3.21774	558642.68	4160337.32	3.38269
558652.68	4160297.32	3.20669	558652.68	4160307.32	3.28465
558652.68	4160317.32	3.38802	558652.68	4160327.32	3.51104
558652.68	4160337.32	3.67221	558662.68	4160297.32	3.60933
558662.68	4160307.32	3.67819	558662.68	4160317.32	3.76236
558662.68	4160327.32	3.87665	558662.68	4160337.32	4.03162
558672.68	4160297.32	4.08243	558672.68	4160307.32	4.16684
558672.68	4160317.32	4.25387	558672.68	4160327.32	4.35368
558672.68	4160337.32	4.49656	558543.58	4160290.65	1.52502
558553.58	4160300.65	1.67571	558553.58	4160310.65	1.75471
558553.58	4160320.65	1.84372	558553.58	4160330.65	1.93893
558563.58	4160300.65	1.76804	558563.58	4160310.65	1.85346
558563.58	4160320.65	1.94933	558563.58	4160330.65	2.05362
558573.58	4160300.65	1.86706	558573.58	4160310.65	1.95638
558573.58	4160320.65	2.05945	558573.58	4160330.65	2.17254
558583.58	4160300.65	1.97542	558583.58	4160310.65	2.06721
558583.58	4160320.65	2.17695	558583.58	4160330.65	2.29858
558593.58	4160330.65	2.43940	558455.35	4160303.56	1.02730
558455.35	4160313.56	1.06310	558455.35	4160323.56	1.10174
558455.35	4160333.56	1.14153	558455.35	4160343.56	1.18319

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ONROAD ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558465.35	4160303.56	1.07711	558465.35	4160313.56	1.11594
558465.35	4160323.56	1.15703	558465.35	4160333.56	1.19998
558465.35	4160343.56	1.24662	558475.35	4160303.56	1.12890
558475.35	4160313.56	1.17160	558475.35	4160323.56	1.21680
558475.35	4160333.56	1.26479	558475.35	4160343.56	1.31542
558485.35	4160303.56	1.18662	558485.35	4160313.56	1.22830
558485.35	4160323.56	1.28131	558485.35	4160333.56	1.33331
558485.35	4160343.56	1.38973	558495.35	4160303.56	1.24921
558495.35	4160313.56	1.29964	558495.35	4160323.56	1.35247
558495.35	4160333.56	1.40779	558495.35	4160343.56	1.47172
558505.35	4160303.56	1.31565	558505.35	4160313.56	1.37007
558505.35	4160323.56	1.42805	558505.35	4160333.56	1.49073
558515.35	4160303.56	1.38716	558515.35	4160313.56	1.44588
558515.35	4160323.56	1.50866	558515.35	4160333.56	1.57839
558525.35	4160303.56	1.46139	558525.35	4160313.56	1.52610
558525.35	4160323.56	1.59603	558525.35	4160333.56	1.67260
558535.35	4160303.56	1.54017	558535.35	4160313.56	1.61217
558535.35	4160323.56	1.68838	558535.35	4160333.56	1.76971
558616.67	4160229.97	1.86645	558616.67	4160239.97	1.94173
558616.67	4160249.97	2.02038	558626.67	4160229.97	2.03143
558626.67	4160239.97	2.11277	558626.67	4160249.97	2.19884
558636.67	4160229.97	2.22955	558636.67	4160239.97	2.32183
558636.67	4160249.97	2.41542	558646.67	4160229.97	2.47228
558646.67	4160239.97	2.57787	558646.67	4160249.97	2.68310
558656.67	4160229.97	2.77900	558656.67	4160239.97	2.89871
558666.67	4160229.97	3.16657	558666.67	4160239.97	3.31080
558676.67	4160229.97	3.66250	558676.67	4160239.97	3.84417
558686.67	4160229.97	4.31924	558686.67	4160239.97	4.54661
558696.67	4160229.97	5.19840	558696.67	4160239.97	5.50118
558706.67	4160229.97	6.39875	558706.67	4160239.97	6.81985
558716.67	4160229.97	8.07099	558716.67	4160239.97	6.28122
558420.21	4160235.80	0.71360	558420.21	4160245.80	0.73521
558420.21	4160255.80	0.75778	558430.21	4160235.80	0.74173
558430.21	4160245.80	0.76441	558430.21	4160255.80	0.78843

558440.21	4160235.80	0.77185	558440.21	4160245.80	0.79615
558440.21	4160255.80	0.82114	558450.21	4160235.80	0.80200
558450.21	4160245.80	0.82734	558450.21	4160255.80	0.85425
558460.21	4160235.80	0.83377	558460.21	4160245.80	0.86102
558460.21	4160255.80	0.89096	558470.21	4160235.80	0.86883
558470.21	4160245.80	0.89821	558470.21	4160255.80	0.93067

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ONROAD ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558480.21	4160235.80	0.90645	558480.21	4160245.80	0.93815
558480.21	4160255.80	0.97291	558490.21	4160235.80	0.94662
558490.21	4160245.80	0.97874	558490.21	4160255.80	1.01695
558500.21	4160235.80	0.99135	558500.21	4160245.80	1.02690
558500.21	4160255.80	1.06625	558510.21	4160235.80	1.03853
558510.21	4160245.80	1.07789	558510.21	4160255.80	1.11984
558520.21	4160235.80	1.08810	558520.21	4160245.80	1.12946
558520.21	4160255.80	1.17443	558530.21	4160235.80	1.13980
558530.21	4160245.80	1.18248	558530.21	4160255.80	1.23217
558540.21	4160235.80	1.19626	558540.21	4160245.80	1.24201
558540.21	4160255.80	1.29475	558550.21	4160235.80	1.25761
558550.21	4160245.80	1.30572	558550.21	4160255.80	1.36116
558560.21	4160235.80	1.32718	558560.21	4160245.80	1.38484
558560.21	4160255.80	1.44391	558570.21	4160235.80	1.39736
558570.21	4160245.80	1.45183	558570.21	4160255.80	1.51521
558580.21	4160235.80	1.48027	558580.21	4160245.80	1.53932
558590.21	4160235.80	1.57875	558590.21	4160245.80	1.64042
558600.21	4160245.80	1.75675			

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ONROAD_W ***

INCLUDING SOURCE(S): L0000034 , L0000035 , L0000036 , L0000037 , L0000038 ,

L0000039 , L0000040 , L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046
,
L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054
,
L0000055 , L0000056 , L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
557996.38	4160720.52	0.21190	557996.38	4160730.52	0.21112
557996.38	4160740.52	0.20951	558006.38	4160710.52	0.22009
558006.38	4160720.52	0.21939	558006.38	4160730.52	0.21827
558006.38	4160740.52	0.21700	558016.38	4160710.52	0.22796
558016.38	4160720.52	0.22707	558016.38	4160730.52	0.22588
558016.38	4160740.52	0.22427	558026.38	4160710.52	0.23568
558026.38	4160720.52	0.23517	558026.38	4160730.52	0.23375
558026.38	4160740.52	0.23199	558277.53	4160581.24	1.18416
558277.53	4160591.24	1.22188	558287.53	4160581.24	1.34324
558287.53	4160591.24	1.39793	558297.53	4160581.24	1.54188
558297.53	4160591.24	1.62452	558307.53	4160581.24	1.79110
558307.53	4160591.24	1.92089	558317.53	4160581.24	2.09732
558317.53	4160591.24	2.30926	558327.53	4160581.24	2.45871
558327.53	4160591.24	2.80903	558337.53	4160581.24	2.82950
558101.05	4160547.13	0.33959	558101.05	4160557.13	0.34192
558111.05	4160547.13	0.35542	558111.05	4160557.13	0.35797
558111.05	4160567.13	0.35981	558121.05	4160537.13	0.36914
558121.05	4160547.13	0.37243	558121.05	4160557.13	0.37522
558121.05	4160567.13	0.37732	558121.05	4160577.13	0.37856
558121.05	4160587.13	0.37888	558131.05	4160527.13	0.38342
558131.05	4160537.13	0.38724	558131.05	4160547.13	0.39076
558131.05	4160557.13	0.39382	558131.05	4160567.13	0.39622
558131.05	4160577.13	0.39779	558131.05	4160587.13	0.39834
558131.05	4160597.13	0.39790	558141.05	4160527.13	0.40278
558141.05	4160537.13	0.40682	558141.05	4160547.13	0.41061
558141.05	4160557.13	0.41398	558141.05	4160567.13	0.41675
558141.05	4160577.13	0.41865	558141.05	4160587.13	0.41951
558141.05	4160597.13	0.41929	558141.05	4160607.13	0.41807
558151.05	4160537.13	0.42813	558151.05	4160547.13	0.43219
558151.05	4160557.13	0.43593	558151.05	4160567.13	0.43911
558151.05	4160577.13	0.44142	558151.05	4160587.13	0.44266
558151.05	4160597.13	0.44276	558151.05	4160607.13	0.44151
558151.05	4160617.13	0.43926	558161.05	4160547.13	0.45562
558161.05	4160557.13	0.45995	558161.05	4160567.13	0.46356
558161.05	4160577.13	0.46637	558161.05	4160587.13	0.46812
558161.05	4160597.13	0.46823	558161.05	4160607.13	0.46661
558171.05	4160557.13	0.48607	558171.05	4160567.13	0.49042
558171.05	4160577.13	0.49381	558171.05	4160587.13	0.49617
558171.05	4160597.13	0.49618	558181.05	4160567.13	0.52002
558181.05	4160577.13	0.52426	558181.05	4160587.13	0.52731

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ONROAD_W ***
INCLUDING SOURCE(S): L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 , L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 , L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558191.05	4160577.13	0.55463	558368.54	4160582.33	4.06550
558378.54	4160582.33	4.31132	558378.54	4160592.33	5.51100
558378.54	4160602.33	7.25281	558378.54	4160612.33	6.95480
558388.54	4160582.33	4.53049	558388.54	4160592.33	5.83060
558388.54	4160602.33	7.69691	558388.54	4160612.33	7.05077
558398.54	4160582.33	4.74317	558398.54	4160592.33	6.00766
558398.54	4160602.33	8.11129	558398.54	4160612.33	7.77469
557976.09	4160490.12	0.20112	557976.09	4160500.12	0.20257
557976.09	4160510.12	0.20431	557976.09	4160520.12	0.20576
557976.09	4160530.12	0.20724	557986.09	4160480.12	0.20645
557986.09	4160490.12	0.20855	557986.09	4160500.12	0.21011
557986.09	4160510.12	0.21148	557986.09	4160520.12	0.21307
557986.09	4160530.12	0.21451	557996.09	4160480.12	0.21438
557996.09	4160490.12	0.21598	557996.09	4160500.12	0.21748
557996.09	4160510.12	0.21903	557996.09	4160520.12	0.22055
557996.09	4160530.12	0.22199	557996.09	4160540.12	0.22303
557996.09	4160550.12	0.22411	557996.09	4160560.12	0.22508
557996.09	4160570.12	0.22561	558006.09	4160480.12	0.22162
558006.09	4160490.12	0.22332	558006.09	4160500.12	0.22497
558006.09	4160510.12	0.22664	558006.09	4160520.12	0.22824
558006.09	4160530.12	0.22987	558006.09	4160540.12	0.23124
558006.09	4160550.12	0.23234	558006.09	4160560.12	0.23331
558006.09	4160570.12	0.23392	558016.09	4160480.12	0.22932
558016.09	4160490.12	0.23109	558016.09	4160500.12	0.23287
558016.09	4160510.12	0.23453	558016.09	4160520.12	0.23624
558016.09	4160530.12	0.23820	558016.09	4160540.12	0.23984
558016.09	4160550.12	0.24101	558016.09	4160560.12	0.24201
558016.09	4160570.12	0.24271	558026.09	4160480.12	0.23740
558026.09	4160490.12	0.23935	558026.09	4160500.12	0.24098
558026.09	4160510.12	0.24250	558026.09	4160520.12	0.24458
558026.09	4160530.12	0.24702	558026.09	4160540.12	0.24888
558026.09	4160550.12	0.25025	558026.09	4160560.12	0.25135
558026.09	4160570.12	0.25200	558036.09	4160480.12	0.24537
558036.09	4160490.12	0.24753	558036.09	4160500.12	0.24918
558036.09	4160510.12	0.25057	558036.09	4160520.12	0.25331

558036.09	4160530.12	0.25633	558036.09	4160540.12	0.25845
558036.09	4160550.12	0.26002	558036.09	4160560.12	0.26118
558046.09	4160480.12	0.25304	558046.09	4160490.12	0.25515
558046.09	4160500.12	0.25685	558046.09	4160510.12	0.25874
558046.09	4160520.12	0.26259	558046.09	4160530.12	0.26614

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ONROAD_W ***

INCLUDING SOURCE(S): L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 , L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 , L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558046.09	4160540.12	0.26859	558046.09	4160550.12	0.27034
558056.09	4160480.12	0.26214	558056.09	4160490.12	0.26388
558056.09	4160500.12	0.26549	558056.09	4160510.12	0.26803
558056.09	4160520.12	0.27308	558056.09	4160530.12	0.27691
558056.09	4160540.12	0.27944	558066.09	4160480.12	0.27517
558066.09	4160490.12	0.27694	558066.09	4160500.12	0.27698
558066.09	4160510.12	0.28148	558066.09	4160520.12	0.28561
558066.09	4160530.12	0.28854	558076.09	4160480.12	0.28664
558076.09	4160490.12	0.28860	558076.09	4160500.12	0.28844
558076.09	4160510.12	0.29398	558076.09	4160520.12	0.29782
558086.09	4160490.12	0.30021	558086.09	4160500.12	0.30208
558086.09	4160510.12	0.30691	558096.09	4160490.12	0.31288
558096.09	4160500.12	0.31700	558186.78	4160496.28	0.49157
558186.78	4160506.28	0.49462	558196.78	4160496.28	0.52269
558196.78	4160506.28	0.52657	558196.78	4160516.28	0.53089
558196.78	4160526.28	0.53906	558206.78	4160506.28	0.56283
558206.78	4160516.28	0.56982	558206.78	4160526.28	0.57550
558206.78	4160536.28	0.58403	558216.78	4160516.28	0.60976
558216.78	4160526.28	0.61790	558216.78	4160536.28	0.62518
558216.78	4160546.28	0.63289	558226.78	4160526.28	0.66305
558226.78	4160536.28	0.67326	558226.78	4160546.28	0.68345
558236.78	4160536.28	0.72647	558115.17	4160402.59	0.31584
558115.17	4160412.59	0.31899	558115.17	4160422.59	0.32174
558115.17	4160432.59	0.32493	558115.17	4160442.59	0.32791
558125.17	4160392.59	0.32558	558125.17	4160402.59	0.32915
558125.17	4160412.59	0.33220	558125.17	4160422.59	0.33551
558125.17	4160432.59	0.33881	558125.17	4160442.59	0.34241
558135.17	4160372.59	0.33122	558135.17	4160382.59	0.33542

558135.17	4160392.59	0.33942	558135.17	4160402.59	0.34283
558135.17	4160412.59	0.34660	558135.17	4160422.59	0.35038
558135.17	4160432.59	0.35400	558135.17	4160442.59	0.35805
558145.17	4160372.59	0.34523	558145.17	4160382.59	0.34971
558145.17	4160392.59	0.35369	558145.17	4160402.59	0.35787
558145.17	4160412.59	0.36216	558145.17	4160422.59	0.36628
558145.17	4160432.59	0.37040	558145.17	4160442.59	0.37485
558155.17	4160372.59	0.35994	558155.17	4160382.59	0.36484
558155.17	4160392.59	0.36917	558155.17	4160402.59	0.37402
558155.17	4160412.59	0.37878	558155.17	4160422.59	0.38335
558155.17	4160432.59	0.38797	558155.17	4160442.59	0.39307
558165.17	4160362.59	0.36950	558165.17	4160372.59	0.37548

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ONROAD_W ***
INCLUDING SOURCE(S): L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 , L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 , L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558165.17	4160382.59	0.38091	558165.17	4160392.59	0.38620
558165.17	4160402.59	0.39116	558165.17	4160412.59	0.39641
558165.17	4160422.59	0.40159	558165.17	4160432.59	0.40723
558175.17	4160362.59	0.38561	558175.17	4160372.59	0.39189
558175.17	4160382.59	0.39790	558175.17	4160392.59	0.40386
558175.17	4160402.59	0.40952	558175.17	4160412.59	0.41536
558175.17	4160422.59	0.42148	558185.17	4160362.59	0.40250
558185.17	4160372.59	0.40919	558185.17	4160382.59	0.41586
558185.17	4160392.59	0.42251	558185.17	4160402.59	0.42920
558185.17	4160412.59	0.43585	558185.17	4160422.59	0.44255
558185.17	4160432.59	0.44926	558185.17	4160442.59	0.45594
558195.17	4160362.59	0.42002	558195.17	4160372.59	0.42739
558195.17	4160382.59	0.43482	558195.17	4160392.59	0.44229
558195.17	4160402.59	0.44984	558195.17	4160412.59	0.45730
558195.17	4160422.59	0.46485	558195.17	4160432.59	0.47252
558195.17	4160442.59	0.47987	558195.17	4160452.59	0.48680
558205.17	4160362.59	0.43837	558205.17	4160372.59	0.44656
558205.17	4160382.59	0.45483	558205.17	4160392.59	0.46319
558205.17	4160402.59	0.47169	558205.17	4160412.59	0.48015
558205.17	4160422.59	0.48878	558205.17	4160432.59	0.49734
558205.17	4160442.59	0.50605	558205.17	4160452.59	0.51413

558205.17	4160462.59	0.52251	558215.17	4160362.59	0.45755
558215.17	4160372.59	0.46668	558215.17	4160382.59	0.47595
558215.17	4160392.59	0.48526	558215.17	4160402.59	0.49480
558215.17	4160412.59	0.50443	558215.17	4160422.59	0.51398
558215.17	4160432.59	0.52383	558215.17	4160442.59	0.53392
558215.17	4160452.59	0.54408	558215.17	4160462.59	0.55321
558215.17	4160472.59	0.56289	558225.17	4160362.59	0.47762
558225.17	4160372.59	0.48773	558225.17	4160382.59	0.49800
558225.17	4160392.59	0.50850	558225.17	4160402.59	0.51916
558225.17	4160412.59	0.52985	558225.17	4160422.59	0.54086
558225.17	4160432.59	0.55214	558225.17	4160442.59	0.56365
558225.17	4160452.59	0.57516	558225.17	4160462.59	0.58681
558225.17	4160472.59	0.59788	558225.17	4160482.59	0.60884
558235.17	4160362.59	0.49854	558235.17	4160372.59	0.50971
558235.17	4160382.59	0.52106	558235.17	4160392.59	0.53281
558235.17	4160402.59	0.54477	558235.17	4160412.59	0.55689
558235.17	4160422.59	0.56952	558235.17	4160432.59	0.58221
558235.17	4160442.59	0.59527	558235.17	4160452.59	0.60857
558235.17	4160462.59	0.62214	558235.17	4160472.59	0.63576

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ONROAD_W ***

INCLUDING SOURCE(S): L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 , L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 , L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558235.17	4160482.59	0.64859	558235.17	4160492.59	0.66101
558245.17	4160362.59	0.52027	558245.17	4160372.59	0.53263
558245.17	4160382.59	0.54525	558245.17	4160392.59	0.55828
558245.17	4160402.59	0.57171	558245.17	4160412.59	0.58540
558245.17	4160422.59	0.59953	558245.17	4160432.59	0.61398
558245.17	4160442.59	0.62886	558245.17	4160452.59	0.64430
558245.17	4160462.59	0.66000	558245.17	4160472.59	0.67557
558245.17	4160482.59	0.69132	558245.17	4160492.59	0.70659
558245.17	4160502.59	0.72120	558255.17	4160362.59	0.54292
558255.17	4160372.59	0.55654	558255.17	4160382.59	0.57050
558255.17	4160392.59	0.58493	558255.17	4160402.59	0.59986
558255.17	4160412.59	0.61541	558255.17	4160422.59	0.63122
558255.17	4160432.59	0.64763	558255.17	4160442.59	0.66475
558255.17	4160452.59	0.68230	558255.17	4160462.59	0.70008

558255.17	4160472.59	0.71831	558255.17	4160482.59	0.73698
558255.17	4160492.59	0.75605	558255.17	4160502.59	0.77388
558255.17	4160512.59	0.79146	558265.17	4160362.59	0.56673
558265.17	4160372.59	0.58154	558265.17	4160382.59	0.59686
558265.17	4160392.59	0.61274	558265.17	4160402.59	0.62934
558265.17	4160412.59	0.64658	558265.17	4160422.59	0.66447
558265.17	4160432.59	0.68312	558265.17	4160442.59	0.70253
558265.17	4160452.59	0.72234	558265.17	4160462.59	0.74264
558265.17	4160472.59	0.76403	558265.17	4160482.59	0.78627
558265.17	4160492.59	0.80881	558265.17	4160502.59	0.83202
558265.17	4160512.59	0.85392	558265.17	4160522.59	0.87609
558275.17	4160362.59	0.59149	558275.17	4160372.59	0.60760
558275.17	4160382.59	0.62420	558275.17	4160392.59	0.64175
558275.17	4160402.59	0.66008	558275.17	4160412.59	0.67926
558275.17	4160422.59	0.69927	558275.17	4160432.59	0.72025
558275.17	4160442.59	0.74198	558275.17	4160452.59	0.76455
558275.17	4160462.59	0.78812	558275.17	4160472.59	0.81310
558275.17	4160482.59	0.83883	558275.17	4160492.59	0.86550
558275.17	4160502.59	0.89371	558275.17	4160512.59	0.92322
558275.17	4160522.59	0.95210	558275.17	4160532.59	0.98063
558285.17	4160362.59	0.61712	558285.17	4160372.59	0.63456
558285.17	4160382.59	0.65218	558285.17	4160392.59	0.67176
558285.17	4160402.59	0.69193	558285.17	4160412.59	0.71319
558285.17	4160422.59	0.73550	558285.17	4160432.59	0.75888
558285.17	4160442.59	0.78328	558285.17	4160452.59	0.80889
558285.17	4160462.59	0.83626	558285.17	4160472.59	0.86483

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ONROAD_W ***
INCLUDING SOURCE(S): L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 , L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 , L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558285.17	4160482.59	0.89450	558285.17	4160492.59	0.92610
558285.17	4160502.59	0.96027	558285.17	4160512.59	0.99677
558285.17	4160522.59	1.03435	558285.17	4160532.59	1.07147
558295.17	4160362.59	0.64341	558295.17	4160372.59	0.66224
558295.17	4160382.59	0.68191	558295.17	4160392.59	0.70259
558295.17	4160402.59	0.72380	558295.17	4160412.59	0.74804
558295.17	4160422.59	0.77281	558295.17	4160432.59	0.79879

558295.17	4160442.59	0.82629	558295.17	4160452.59	0.85538
558295.17	4160462.59	0.88626	558295.17	4160472.59	0.91888
558295.17	4160482.59	0.95374	558295.17	4160492.59	0.99101
558295.17	4160502.59	1.03132	558295.17	4160512.59	1.07617
558295.17	4160522.59	1.12340	558295.17	4160532.59	1.17200
558305.17	4160362.59	0.67040	558305.17	4160372.59	0.69078
558305.17	4160382.59	0.71168	558305.17	4160392.59	0.73365
558305.17	4160402.59	0.75576	558305.17	4160412.59	0.78111
558305.17	4160422.59	0.81040	558305.17	4160432.59	0.83979
558305.17	4160442.59	0.87021	558305.17	4160452.59	0.90281
558305.17	4160462.59	0.93757	558305.17	4160472.59	0.97488
558305.17	4160482.59	1.01521	558305.17	4160492.59	1.05923
558305.17	4160502.59	1.10732	558305.17	4160512.59	1.16107
558305.17	4160522.59	1.22008	558305.17	4160532.59	1.28273
558315.17	4160362.59	0.69783	558315.17	4160372.59	0.71969
558315.17	4160382.59	0.74119	558315.17	4160392.59	0.76515
558315.17	4160402.59	0.79087	558315.17	4160412.59	0.81746
558315.17	4160422.59	0.84770	558315.17	4160432.59	0.88068
558315.17	4160442.59	0.91473	558315.17	4160452.59	0.95099
558315.17	4160462.59	0.98986	558315.17	4160472.59	1.03211
558315.17	4160482.59	1.07843	558315.17	4160492.59	1.12962
558315.17	4160502.59	1.18673	558315.17	4160512.59	1.25092
558315.17	4160522.59	1.32310	558315.17	4160532.59	1.40117
558325.17	4160362.59	0.72577	558325.17	4160372.59	0.74872
558325.17	4160382.59	0.77233	558325.17	4160392.59	0.79833
558325.17	4160402.59	0.82628	558325.17	4160412.59	0.85589
558325.17	4160422.59	0.88790	558325.17	4160432.59	0.92230
558325.17	4160442.59	0.95954	558325.17	4160452.59	0.99948
558325.17	4160462.59	1.04243	558325.17	4160472.59	1.08967
558325.17	4160482.59	1.14209	558325.17	4160492.59	1.20075
558325.17	4160502.59	1.26715	558325.17	4160512.59	1.34295
558325.17	4160522.59	1.42921	558325.17	4160532.59	1.52492
558335.17	4160362.59	0.75375	558335.17	4160372.59	0.77958

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ONROAD_W ***

INCLUDING SOURCE(S): L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 , L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 , L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

558335.17	4160382.59	0.80430	558335.17	4160392.59	0.83203
558335.17	4160402.59	0.86234	558335.17	4160412.59	0.89380
558335.17	4160422.59	0.92756	558335.17	4160432.59	0.96288
558335.17	4160442.59	1.00354	558335.17	4160452.59	1.04783
558335.17	4160462.59	1.09464	558335.17	4160472.59	1.14658
558335.17	4160482.59	1.20481	558335.17	4160492.59	1.27089
558335.17	4160502.59	1.34658	558335.17	4160512.59	1.43387
558335.17	4160522.59	1.53447	558335.17	4160532.59	1.64900
558345.17	4160362.59	0.78286	558345.17	4160372.59	0.81010
558345.17	4160382.59	0.83920	558345.17	4160392.59	0.86743
558345.17	4160402.59	0.89873	558345.17	4160412.59	0.93229
558345.17	4160422.59	0.96867	558345.17	4160432.59	1.00718
558345.17	4160442.59	1.04412	558345.17	4160452.59	1.09259
558345.17	4160462.59	1.14649	558345.17	4160472.59	1.20233
558345.17	4160482.59	1.26580	558345.17	4160492.59	1.33835
558345.17	4160502.59	1.42246	558345.17	4160512.59	1.52044
558345.17	4160522.59	1.63447	558345.17	4160532.59	1.76785
558355.17	4160362.59	0.81349	558355.17	4160372.59	0.84166
558355.17	4160382.59	0.87219	558355.17	4160392.59	0.90464
558355.17	4160402.59	0.93674	558355.17	4160412.59	0.97241
558355.17	4160422.59	1.01068	558355.17	4160432.59	1.05027
558355.17	4160442.59	1.09298	558355.17	4160452.59	1.14192
558355.17	4160462.59	1.19741	558355.17	4160472.59	1.25814
558355.17	4160482.59	1.32538	558355.17	4160492.59	1.40327
558355.17	4160502.59	1.49410	558355.17	4160512.59	1.60064
558355.17	4160522.59	1.72646	558355.17	4160532.59	1.87893
558365.17	4160362.59	0.84654	558365.17	4160372.59	0.87663
558365.17	4160382.59	0.90826	558365.17	4160392.59	0.94208
558365.17	4160402.59	0.97655	558365.17	4160412.59	1.01404
558365.17	4160422.59	1.05308	558365.17	4160432.59	1.09460
558365.17	4160442.59	1.14014	558365.17	4160452.59	1.19292
558365.17	4160462.59	1.25053	558365.17	4160472.59	1.31401
558365.17	4160482.59	1.38570	558365.17	4160492.59	1.46847
558365.17	4160502.59	1.56504	558365.17	4160512.59	1.67861
558365.17	4160522.59	1.81421	558365.17	4160532.59	1.98063
558375.17	4160362.59	0.88268	558375.17	4160372.59	0.91511
558375.17	4160382.59	0.94869	558375.17	4160392.59	0.98022
558375.17	4160402.59	1.01845	558375.17	4160412.59	1.05756
558375.17	4160422.59	1.09794	558375.17	4160432.59	1.14194
558375.17	4160442.59	1.19062	558375.17	4160452.59	1.24510

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ONROAD_W ***

INCLUDING SOURCE(S): L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 , L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 , L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558375.17	4160462.59	1.30445	558375.17	4160472.59	1.37094
558375.17	4160482.59	1.44676	558375.17	4160492.59	1.53418
558375.17	4160502.59	1.63603	558375.17	4160512.59	1.75668
558375.17	4160522.59	1.90160	558375.17	4160532.59	2.07979
558385.17	4160362.59	0.92038	558385.17	4160372.59	0.95642
558385.17	4160382.59	0.99150	558385.17	4160392.59	1.02153
558385.17	4160402.59	1.06093	558385.17	4160412.59	1.10228
558385.17	4160422.59	1.14543	558385.17	4160432.59	1.19105
558385.17	4160442.59	1.24313	558385.17	4160452.59	1.29912
558385.17	4160462.59	1.36065	558385.17	4160472.59	1.43005
558385.17	4160482.59	1.50945	558385.17	4160492.59	1.60118
558385.17	4160502.59	1.70835	558385.17	4160512.59	1.83535
558385.17	4160522.59	1.98832	558385.17	4160532.59	2.17634
558395.17	4160362.59	0.95925	558395.17	4160372.59	0.99439
558395.17	4160382.59	1.02954	558395.17	4160392.59	1.06675
558395.17	4160402.59	1.10618	558395.17	4160412.59	1.14827
558395.17	4160422.59	1.19292	558395.17	4160432.59	1.24192
558395.17	4160442.59	1.29520	558395.17	4160452.59	1.35482
558395.17	4160462.59	1.41949	558395.17	4160472.59	1.49187
558395.17	4160482.59	1.57418	558395.17	4160492.59	1.66916
558395.17	4160502.59	1.78122	558395.17	4160512.59	1.91513
557513.48	4160678.78	0.07091	557513.48	4160688.78	0.07092
557513.48	4160698.78	0.07096	557513.48	4160708.78	0.07105
557513.48	4160718.78	0.07120	557513.48	4160728.78	0.07135
557523.48	4160678.78	0.07201	557523.48	4160688.78	0.07202
557523.48	4160698.78	0.07207	557523.48	4160708.78	0.07217
557523.48	4160718.78	0.07232	557523.48	4160728.78	0.07250
557533.48	4160678.78	0.07318	557533.48	4160688.78	0.07321
557533.48	4160698.78	0.07327	557533.48	4160708.78	0.07337
557533.48	4160718.78	0.07352	557533.48	4160728.78	0.07370
557543.48	4160678.78	0.07437	557543.48	4160688.78	0.07440
557543.48	4160698.78	0.07446	557543.48	4160708.78	0.07460
557543.48	4160718.78	0.07473	557543.48	4160728.78	0.07493
557553.48	4160678.78	0.07573	557553.48	4160688.78	0.07574
557553.48	4160698.78	0.07584	557553.48	4160708.78	0.07596
557553.48	4160718.78	0.07609	557553.48	4160728.78	0.07627
557563.48	4160678.78	0.07712	557563.48	4160688.78	0.07711
557563.48	4160698.78	0.07717	557563.48	4160708.78	0.07728
557563.48	4160718.78	0.07741	557563.48	4160728.78	0.07761
557573.48	4160678.78	0.07837	557573.48	4160688.78	0.07844

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ONROAD_W ***

INCLUDING SOURCE(S): L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 , L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 , L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
557573.48	4160698.78	0.07852	557573.48	4160708.78	0.07864
557573.48	4160718.78	0.07877	557573.48	4160728.78	0.07897
557583.48	4160678.78	0.07971	557583.48	4160688.78	0.07975
557583.48	4160698.78	0.07987	557583.48	4160708.78	0.08006
557583.48	4160718.78	0.08017	557583.48	4160728.78	0.08035
557593.48	4160678.78	0.08113	557593.48	4160688.78	0.08121
557593.48	4160698.78	0.08131	557593.48	4160708.78	0.08146
557593.48	4160718.78	0.08161	557593.48	4160728.78	0.08180
557603.48	4160678.78	0.08260	557603.48	4160688.78	0.08270
557603.48	4160698.78	0.08280	557603.48	4160708.78	0.08293
557603.48	4160718.78	0.08313	557613.48	4160678.78	0.08424
557613.48	4160688.78	0.08428	557613.48	4160698.78	0.08435
557613.48	4160708.78	0.08451	557623.48	4160688.78	0.08587
557623.48	4160698.78	0.08593	557623.48	4160708.78	0.08612
558477.66	4160568.94	5.32190	558477.66	4160578.94	6.30868
558477.66	4160588.94	7.73544	558477.66	4160598.94	9.94260
558487.66	4160568.94	5.54256	558487.66	4160578.94	6.46287
558487.66	4160588.94	7.71421	558487.66	4160598.94	9.56119
558497.66	4160568.94	5.91780	558497.66	4160578.94	6.81336
558497.66	4160588.94	8.06469	558497.66	4160598.94	9.83785
558507.66	4160568.94	6.54946	558507.66	4160578.94	7.45430
558507.66	4160588.94	8.85270	558507.66	4160598.94	10.82970
558517.66	4160568.94	7.34486	558517.66	4160578.94	8.36433
558517.66	4160588.94	9.83025	558517.66	4160598.94	12.08983
558527.66	4160568.94	8.41487	558527.66	4160578.94	9.64777
558527.66	4160588.94	11.37445	558527.66	4160598.94	13.98973
558537.66	4160568.94	10.05439	558537.66	4160578.94	11.63061
558537.66	4160588.94	13.82308	558537.66	4160598.94	10.81323
558547.66	4160568.94	12.54426	558547.66	4160578.94	9.41800
558547.66	4160588.94	6.60655	558557.66	4160568.94	6.31671
558600.64	4160569.24	8.83744	558600.64	4160579.24	9.07128
558600.64	4160589.24	11.40181	558600.64	4160599.24	9.91427
558610.64	4160569.24	10.94948	558610.64	4160579.24	9.77978
558610.64	4160589.24	8.72763	558610.64	4160599.24	7.70748
558620.64	4160569.24	8.59911	558620.64	4160579.24	7.79687
558620.64	4160589.24	7.07084	558620.64	4160599.24	6.32666
558630.64	4160569.24	7.04973	558630.64	4160579.24	6.48729
558630.64	4160589.24	5.89942	558630.64	4160599.24	5.30564
558640.64	4160569.24	5.96248	558640.64	4160579.24	5.51048
558640.64	4160589.24	5.01869	558640.64	4160599.24	4.53674

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ONROAD_W ***
INCLUDING SOURCE(S): L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 , L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 , L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558650.64	4160569.24	5.14694	558650.64	4160579.24	4.76598
558650.64	4160589.24	4.36010	558650.64	4160599.24	3.97349
558660.64	4160569.24	4.55376	558660.64	4160579.24	4.21967
558660.64	4160589.24	3.87072	558660.64	4160599.24	3.55077
558670.64	4160569.24	4.07644	558670.64	4160579.24	3.77380
558670.64	4160589.24	3.47610	558495.40	4160499.48	3.27157
558495.40	4160509.48	3.47923	558495.40	4160519.48	3.71713
558495.40	4160529.48	3.99192	558505.40	4160499.48	3.66126
558505.40	4160509.48	3.88842	558505.40	4160519.48	4.14687
558505.40	4160529.48	4.44157	558515.40	4160499.48	4.17220
558515.40	4160509.48	4.42909	558515.40	4160519.48	4.70925
558515.40	4160529.48	5.02715	558525.40	4160499.48	4.83341
558525.40	4160509.48	5.14528	558525.40	4160519.48	5.47182
558525.40	4160529.48	5.83936	558535.40	4160499.48	5.76825
558535.40	4160509.48	6.15127	558535.40	4160519.48	6.56105
558535.40	4160529.48	6.99101	558545.40	4160499.48	7.07744
558545.40	4160509.48	7.60958	558545.40	4160519.48	8.15512
558545.40	4160529.48	8.71073	558555.40	4160499.48	9.10984
558555.40	4160509.48	9.84458	558555.40	4160519.48	10.55600
558555.40	4160529.48	11.37614	558565.40	4160499.48	7.78899
558565.40	4160509.48	8.88763	558565.40	4160519.48	5.84268
558565.40	4160529.48	9.37979	558618.98	4160498.88	6.30630
558618.98	4160508.88	8.83165	558618.98	4160518.88	12.37306
558618.98	4160528.88	11.53245	558628.98	4160498.88	11.73864
558628.98	4160508.88	10.59034	558628.98	4160518.88	9.76819
558628.98	4160528.88	9.17751	558638.98	4160498.88	9.61238
558638.98	4160508.88	8.76375	558638.98	4160518.88	8.15912
558638.98	4160528.88	7.69520	558648.98	4160498.88	8.26300
558648.98	4160508.88	7.56347	558648.98	4160518.88	7.05885
558648.98	4160528.88	6.66493	558658.98	4160498.88	7.36261
558658.98	4160508.88	6.74037	558658.98	4160518.88	6.27082
558658.98	4160528.88	5.90895	558668.98	4160498.88	6.66469
558668.98	4160508.88	6.09502	558668.98	4160518.88	5.66271
558668.98	4160528.88	5.32337	558678.98	4160498.88	6.13346

558678.98	4160508.88	5.59281	558678.98	4160518.88	5.18359
558678.98	4160528.88	4.85328	558688.98	4160498.88	5.69155
558688.98	4160508.88	5.17845	558688.98	4160518.88	4.79029
558444.41	4160372.35	1.25424	558454.41	4160382.35	1.34408
558454.41	4160392.35	1.39690	558454.41	4160402.35	1.45200
558464.41	4160382.35	1.41962	558464.41	4160392.35	1.47722

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ONROAD_W ***

INCLUDING SOURCE(S): L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 , L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 , L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558464.41	4160402.35	1.54022	558474.41	4160382.35	1.50449
558474.41	4160392.35	1.56515	558474.41	4160402.35	1.63115
558484.41	4160382.35	1.59642	558484.41	4160392.35	1.65610
558484.41	4160402.35	1.71814	558494.41	4160382.35	1.70232
558494.41	4160392.35	1.76787	558494.41	4160402.35	1.83914
558504.41	4160382.35	1.82200	558504.41	4160392.35	1.92080
558504.41	4160402.35	2.03982	558514.41	4160382.35	1.96032
558514.41	4160392.35	2.07229	558514.41	4160402.35	2.21781
558524.41	4160392.35	2.24727	558524.41	4160402.35	2.41616
558581.82	4160392.36	3.99807	558581.82	4160402.36	4.56015
558581.82	4160412.36	5.27627	558581.82	4160422.36	6.20297
558591.82	4160392.36	4.39859	558591.82	4160402.36	5.09978
558591.82	4160412.36	6.03180	558591.82	4160422.36	7.30763
558601.82	4160382.36	4.18888	558601.82	4160392.36	4.83314
558601.82	4160402.36	5.70296	558601.82	4160412.36	6.90847
558601.82	4160422.36	8.65110	558611.82	4160382.36	4.48981
558611.82	4160392.36	5.23520	558611.82	4160402.36	6.36232
558611.82	4160412.36	7.92682	558611.82	4160422.36	10.29793
558621.82	4160382.36	4.84239	558621.82	4160392.36	5.71136
558621.82	4160402.36	7.07077	558621.82	4160412.36	9.14369
558621.82	4160422.36	7.46088	558631.82	4160382.36	5.21410
558631.82	4160392.36	6.20196	558631.82	4160402.36	7.83555
558641.82	4160382.36	5.57313	558641.82	4160392.36	6.69839
558641.82	4160402.36	8.66333	558651.82	4160382.36	6.04708
558651.82	4160392.36	7.32878	558651.82	4160402.36	9.61353
558661.82	4160382.36	6.57992	558661.82	4160392.36	7.97646
558661.82	4160402.36	10.61602	558671.82	4160362.36	5.79687

558671.82	4160372.36	6.34450	558671.82	4160382.36	7.22874
558671.82	4160392.36	8.73717	558671.82	4160402.36	11.63683
558681.82	4160362.36	6.61420	558681.82	4160372.36	7.03317
558681.82	4160382.36	8.01645	558681.82	4160392.36	9.62927
558681.82	4160402.36	12.59999	558691.82	4160362.36	7.87007
558691.82	4160372.36	8.41061	558691.82	4160382.36	9.31280
558691.82	4160392.36	10.98012	558691.82	4160402.36	14.21945
558701.82	4160362.36	9.88186	558701.82	4160372.36	10.45476
558701.82	4160382.36	11.40527	558701.82	4160392.36	13.09624
558701.82	4160402.36	16.45495	558711.82	4160362.36	13.31336
558711.82	4160372.36	13.92256	558711.82	4160382.36	10.64209
558711.82	4160392.36	16.58530	558711.82	4160402.36	9.67978
558721.82	4160362.36	6.83588	558721.82	4160372.36	7.92761

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ONROAD_W ***

INCLUDING SOURCE(S): L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 , L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 , L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558721.82	4160382.36	12.61667	558721.82	4160392.36	9.15480
558721.82	4160402.36	10.01038	558690.09	4160295.24	6.02441
558690.09	4160305.24	6.09942	558690.09	4160315.24	6.18228
558690.09	4160325.24	6.27160	558690.09	4160335.24	6.40564
558700.09	4160295.24	7.61585	558700.09	4160305.24	7.72969
558700.09	4160315.24	7.78568	558700.09	4160325.24	7.84389
558700.09	4160335.24	7.95529	558710.09	4160295.24	10.26685
558710.09	4160305.24	10.32340	558710.09	4160315.24	10.34863
558710.09	4160325.24	10.40517	558710.09	4160335.24	10.45158
558720.09	4160295.24	8.86248	558720.09	4160305.24	5.74828
558720.09	4160315.24	9.08727	558720.09	4160325.24	9.18859
558612.68	4160297.32	2.32488	558612.68	4160307.32	2.42458
558612.68	4160317.32	2.53832	558612.68	4160327.32	2.67248
558612.68	4160337.32	2.83920	558622.68	4160297.32	2.50797
558622.68	4160307.32	2.60942	558622.68	4160317.32	2.72494
558622.68	4160327.32	2.86215	558622.68	4160337.32	3.03693
558632.68	4160297.32	2.73087	558632.68	4160307.32	2.83044
558632.68	4160317.32	2.94659	558632.68	4160327.32	3.08638
558632.68	4160337.32	3.26512	558642.68	4160297.32	3.01983
558642.68	4160307.32	3.10046	558642.68	4160317.32	3.21720

558642.68	4160327.32	3.35686	558642.68	4160337.32	3.53991
558652.68	4160297.32	3.35973	558652.68	4160307.32	3.44435
558652.68	4160317.32	3.55750	558652.68	4160327.32	3.69364
558652.68	4160337.32	3.87389	558662.68	4160297.32	3.82703
558662.68	4160307.32	3.90297	558662.68	4160317.32	3.99630
558662.68	4160327.32	4.12371	558662.68	4160337.32	4.29853
558672.68	4160297.32	4.40185	558672.68	4160307.32	4.49487
558672.68	4160317.32	4.59131	558672.68	4160327.32	4.70296
558672.68	4160337.32	4.86515	558543.58	4160290.65	1.54041
558553.58	4160300.65	1.69514	558553.58	4160310.65	1.77728
558553.58	4160320.65	1.86999	558553.58	4160330.65	1.96925
558563.58	4160300.65	1.79007	558563.58	4160310.65	1.87917
558563.58	4160320.65	1.97929	558563.58	4160330.65	2.08834
558573.58	4160300.65	1.89244	558573.58	4160310.65	1.98585
558573.58	4160320.65	2.09363	558573.58	4160330.65	2.21230
558583.58	4160300.65	2.00525	558583.58	4160310.65	2.10151
558583.58	4160320.65	2.21644	558583.58	4160330.65	2.34454
558593.58	4160330.65	2.49347	558455.35	4160303.56	1.03503
558455.35	4160313.56	1.07082	558455.35	4160323.56	1.10960
558455.35	4160333.56	1.14978	558455.35	4160343.56	1.19218

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ONROAD_W ***
INCLUDING SOURCE(S): L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 , L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 , L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558465.35	4160303.56	1.08532	558465.35	4160313.56	1.12421
558465.35	4160323.56	1.16554	558465.35	4160333.56	1.20904
558465.35	4160343.56	1.25662	558475.35	4160303.56	1.13762
558475.35	4160313.56	1.18054	558475.35	4160323.56	1.22618
558475.35	4160333.56	1.27494	558475.35	4160343.56	1.32666
558485.35	4160303.56	1.19605	558485.35	4160313.56	1.23804
558485.35	4160323.56	1.29175	558485.35	4160333.56	1.34476
558485.35	4160343.56	1.40253	558495.35	4160303.56	1.25952
558495.35	4160313.56	1.31057	558495.35	4160323.56	1.36433
558495.35	4160333.56	1.42091	558495.35	4160343.56	1.48650
558505.35	4160303.56	1.32705	558505.35	4160313.56	1.38240
558505.35	4160323.56	1.44168	558505.35	4160333.56	1.50599
558515.35	4160303.56	1.39997	558515.35	4160313.56	1.45997

558515.35	4160323.56	1.52443	558515.35	4160333.56	1.59623
558525.35	4160303.56	1.47580	558525.35	4160313.56	1.54228
558525.35	4160323.56	1.61441	558525.35	4160333.56	1.69352
558535.35	4160303.56	1.55640	558535.35	4160313.56	1.63078
558535.35	4160323.56	1.70969	558535.35	4160333.56	1.79400
558616.67	4160229.97	1.89257	558616.67	4160239.97	1.97142
558616.67	4160249.97	2.05491	558626.67	4160229.97	2.06788
558626.67	4160239.97	2.15356	558626.67	4160249.97	2.24645
558636.67	4160229.97	2.28053	558636.67	4160239.97	2.37959
558636.67	4160249.97	2.48207	558646.67	4160229.97	2.54519
558646.67	4160239.97	2.66098	558646.67	4160249.97	2.77814
558656.67	4160229.97	2.88748	558656.67	4160239.97	3.02197
558666.67	4160229.97	3.33246	558666.67	4160239.97	3.49984
558676.67	4160229.97	3.92616	558676.67	4160239.97	4.14597
558686.67	4160229.97	4.76002	558686.67	4160239.97	5.05270
558696.67	4160229.97	5.97868	558696.67	4160239.97	6.40316
558706.67	4160229.97	7.87412	558706.67	4160239.97	8.54614
558716.67	4160229.97	11.02835	558716.67	4160239.97	7.89613
558420.21	4160235.80	0.71860	558420.21	4160245.80	0.74031
558420.21	4160255.80	0.76312	558430.21	4160235.80	0.74690
558430.21	4160245.80	0.76969	558430.21	4160255.80	0.79399
558440.21	4160235.80	0.77725	558440.21	4160245.80	0.80169
558440.21	4160255.80	0.82696	558450.21	4160235.80	0.80755
558450.21	4160245.80	0.83302	558450.21	4160255.80	0.86026
558460.21	4160235.80	0.83953	558460.21	4160245.80	0.86695
558460.21	4160255.80	0.89730	558470.21	4160235.80	0.87493
558470.21	4160245.80	0.90451	558470.21	4160255.80	0.93741

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ONROAD_W ***
INCLUDING SOURCE(S): L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 , L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 , L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558480.21	4160235.80	0.91293	558480.21	4160245.80	0.94487
558480.21	4160255.80	0.98010	558490.21	4160235.80	0.95349
558490.21	4160245.80	0.98587	558490.21	4160255.80	1.02463
558500.21	4160235.80	0.99860	558500.21	4160245.80	1.03449
558500.21	4160255.80	1.07443	558510.21	4160235.80	1.04612
558510.21	4160245.80	1.08592	558510.21	4160255.80	1.12859

558520.21	4160235.80	1.09593	558520.21	4160245.80	1.13782
558520.21	4160255.80	1.18365	558530.21	4160235.80	1.14777
558530.21	4160245.80	1.19109	558530.21	4160255.80	1.24178
558540.21	4160235.80	1.20432	558540.21	4160245.80	1.25086
558540.21	4160255.80	1.30477	558550.21	4160235.80	1.26580
558550.21	4160245.80	1.31485	558550.21	4160255.80	1.37160
558560.21	4160235.80	1.33576	558560.21	4160245.80	1.39499
558560.21	4160255.80	1.45601	558570.21	4160235.80	1.40655
558570.21	4160245.80	1.46235	558570.21	4160255.80	1.52752
558580.21	4160235.80	1.49084	558580.21	4160245.80	1.55150
558590.21	4160235.80	1.59182	558590.21	4160245.80	1.65542
558600.21	4160245.80	1.77654			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE	NETWORK GRID-ID
OFFROAD	1ST HIGHEST VALUE IS	9.07135 AT (558151.05, 4160617.13, 1.90, 3.59, 1.50)	DC
	2ND HIGHEST VALUE IS	8.68945 AT (558161.05, 4160607.13, 2.51, 2.51, 1.50)	DC
	3RD HIGHEST VALUE IS	8.20970 AT (558171.05, 4160597.13, 2.37, 3.57, 1.50)	DC
	4TH HIGHEST VALUE IS	7.94494 AT (558151.05, 4160607.13, 1.70, 3.48, 1.50)	DC
	5TH HIGHEST VALUE IS	7.75180 AT (558277.53, 4160591.24, 2.12, 3.56, 1.50)	DC
	6TH HIGHEST VALUE IS	7.59973 AT (558161.05, 4160597.13, 1.88, 3.48, 1.50)	DC
	7TH HIGHEST VALUE IS	7.46165 AT (558287.53, 4160591.24, 1.96, 1.96, 1.50)	DC
	8TH HIGHEST VALUE IS	7.40753 AT (558181.05, 4160587.13, 1.31, 3.57, 1.50)	DC
	9TH HIGHEST VALUE IS	7.17635 AT (558297.53, 4160591.24, 1.94, 3.80, 1.50)	DC
	10TH HIGHEST VALUE IS	7.16117 AT (558141.05, 4160607.13, 1.05, 3.59, 1.50)	DC
OFF_DST	1ST HIGHEST VALUE IS	11.14811 AT (558151.05, 4160617.13, 1.90, 3.59, 1.50)	DC
	2ND HIGHEST VALUE IS	10.37900 AT (558161.05, 4160607.13, 2.51, 2.51, 1.50)	DC
	3RD HIGHEST VALUE IS	9.64735 AT (558171.05, 4160597.13, 2.37, 3.57, 1.50)	DC
	4TH HIGHEST VALUE IS	9.19003 AT (558151.05, 4160607.13, 1.70, 3.48, 1.50)	DC
	5TH HIGHEST VALUE IS	8.84026 AT (558181.05, 4160587.13, 1.31, 3.57, 1.50)	DC
	6TH HIGHEST VALUE IS	8.68027 AT (558277.53, 4160591.24, 2.12, 3.56, 1.50)	DC
	7TH HIGHEST VALUE IS	8.58780 AT (558161.05, 4160597.13, 1.88, 3.48, 1.50)	DC
	8TH HIGHEST VALUE IS	8.22623 AT (558287.53, 4160591.24, 1.96, 1.96, 1.50)	DC
	9TH HIGHEST VALUE IS	8.18420 AT (558141.05, 4160607.13, 1.05, 3.59, 1.50)	DC
	10TH HIGHEST VALUE IS	7.97770 AT (558171.05, 4160587.13, 1.10, 3.57, 1.50)	DC
ONROAD	1ST HIGHEST VALUE IS	11.74816 AT (558701.82, 4160402.36, 3.19, 3.19, 0.00)	DC
	2ND HIGHEST VALUE IS	11.67153 AT (558711.82, 4160392.36, 3.28, 3.28, 0.00)	DC
	3RD HIGHEST VALUE IS	10.60160 AT (558691.82, 4160402.36, 3.26, 3.26, 0.00)	DC

```
      4TH HIGHEST VALUE IS     10.10967 AT (  558711.82,  4160372.36,     3.52,     3.52,    0.00)  DC
      5TH HIGHEST VALUE IS     10.03889 AT (  558701.82,  4160392.36,     3.45,     3.45,    0.00)  DC
      6TH HIGHEST VALUE IS      9.72909 AT (  558711.82,  4160362.36,     3.58,     3.58,    0.00)  DC
      7TH HIGHEST VALUE IS      9.66195 AT (  558517.66,  4160598.94,     5.56,     5.56,    1.50)  DC
      8TH HIGHEST VALUE IS      9.65217 AT (  558681.82,  4160402.36,     3.36,     3.36,    0.00)  DC
      9TH HIGHEST VALUE IS      9.56642 AT (  558547.66,  4160568.94,     5.16,     5.16,    1.50)  DC
     10TH HIGHEST VALUE IS      9.20762 AT (  558721.82,  4160382.36,     2.98,     2.98,    0.00)  DC

ONROAD_W  1ST HIGHEST VALUE IS     16.58530 AT (  558711.82,  4160392.36,     3.28,     3.28,    0.00)  DC
      2ND HIGHEST VALUE IS     16.45495 AT (  558701.82,  4160402.36,     3.19,     3.19,    0.00)  DC
      3RD HIGHEST VALUE IS     14.21945 AT (  558691.82,  4160402.36,     3.26,     3.26,    0.00)  DC
      4TH HIGHEST VALUE IS     13.98973 AT (  558527.66,  4160598.94,     5.62,     5.62,    1.50)  DC
      5TH HIGHEST VALUE IS     13.92256 AT (  558711.82,  4160372.36,     3.52,     3.52,    0.00)  DC
      6TH HIGHEST VALUE IS     13.82308 AT (  558537.66,  4160588.94,     5.60,     5.60,    1.50)  DC
      7TH HIGHEST VALUE IS     13.31336 AT (  558711.82,  4160362.36,     3.58,     3.58,    0.00)  DC
      8TH HIGHEST VALUE IS     13.09624 AT (  558701.82,  4160392.36,     3.45,     3.45,    0.00)  DC
      9TH HIGHEST VALUE IS     12.61667 AT (  558721.82,  4160382.36,     2.98,     2.98,    0.00)  DC
     10TH HIGHEST VALUE IS     12.59999 AT (  558681.82,  4160402.36,     3.36,     3.36,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
   *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Projects\410 Airport_DPM\410
Airport_DPM.isc    ***       05/01/24
 *** AERMET - VERSION  18081 ***   ***                                                ***       08:36:17
                                                                                  PAGE 148
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of          0 Fatal Error Message(s)
 A Total of          3 Warning Message(s)
 A Total of       1259 Informational Message(s)

 A Total of      43824 Hours Were Processed

 A Total of        867 Calm Hours Identified

 A Total of        392 Missing Hours Identified (  0.89 Percent)


   ******** FATAL ERROR MESSAGES ********
            ***  NONE  ***


   ********   WARNING MESSAGES   ********
 ME W186    1164      MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1164      MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
 ME W530    1164      MEOPEN: CAUTION! Met Station ID Mismatch with SURFFILE for     UAIRDATA
```

****
*** AERMOD Finishes Successfully ***
****

Appendix B
Biological Resources Report

H. T. HARVEY & ASSOCIATES

Ecological Consultants

50 years of field notes, exploration, and excellence

Bay Rise Park
Biological Resources Report

Project #4113-02

Prepared for:

The SPHERE Institute
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Burlingame, CA 94010

Prepared by:

H. T. Harvey & Associates

Revised December 3, 2024

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Section 1.0 Introduction

H. T. Harvey & Associates ecologists prepared this report to support the City of Burlingame's California Environmental Quality Act (CEQA) documentation for the proposed Bay Rise Park Project (project), located at 410 Airport Boulevard, Burlingame, California (Figure 1). This report describes the biological resources present in and adjacent to the proposed project, as well as the potential impacts of the proposed project on biological resources within the site. Where necessary, this report also describes measures necessary to reduce biological resource impacts to less-than-significant levels under CEQA.

1.1 Project Description

1.1.1 Goals and Project Elements

The purpose of the project is to transform the vacant 10.2-acre bayfront parcel into a public nature and recreation park. The project would also restore a natural tidal marsh along this portion of the San Francisco Bay shoreline.

The SPHERE Institute, the project applicant, secured an interim-term lease in October 2019 from the State Lands Commission (SLC) to complete due diligence, design development, community outreach, regulatory agency coordination, and CEQA approval. The project applicant submitted the long-term lease application (for the maximum 49 years) in July 2021.

The project's three main goals are to:

1. Enhance the user experience by creating a dynamic and engaging park that invites a broad range of users to explore, learn, and enjoy; creating access to the bay for people of all communities, age groups, and abilities; establishing safe, legible connections to the San Francisco Bay shoreline and the Bay Trail; and developing flexible indoor and outdoor spaces as a hub for educational opportunities and community events.
2. Increase awareness of climate change and sea level rise by providing interpretive opportunities and programming that allow visitors to explore and learn about sea level rise resiliency and the impact of climate change on native ecosystems; creating biophilic experiences that help foster a sense of connection to the natural environment; and using innovative, sustainable materials and methods, including wildlife-friendly and bird-safe design. The project would also be designed to provide improved stormwater and bay water filtration functions.
3. Restore bayfront habitats by restoring appropriate bayfront native habitats, including tidal salt marsh and marsh-upland ecotone habitats, promoting native vegetation, and controlling non-native species.

N:\Projects4100\4113-01\02\Reports\BRR\BRR.aprx

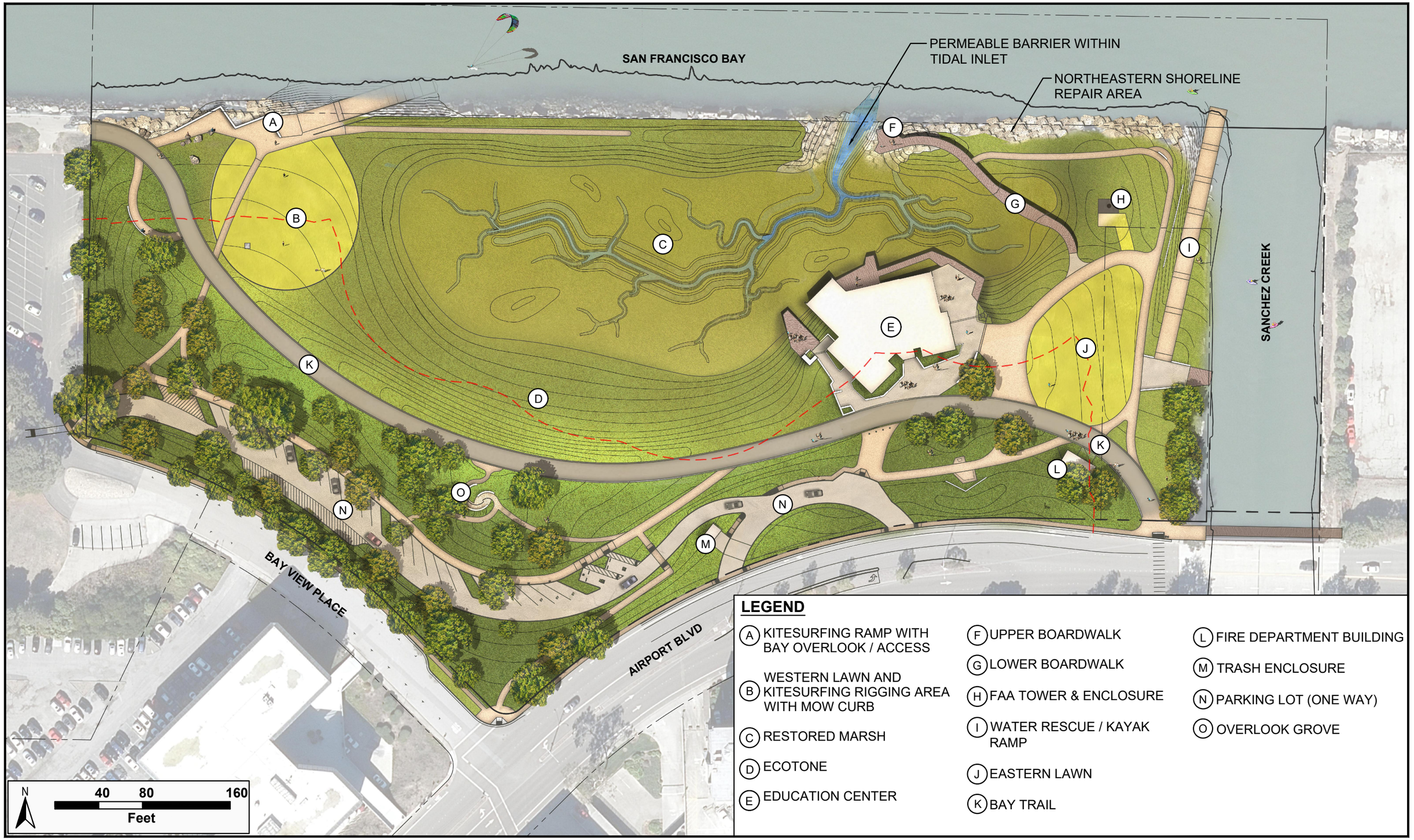
H. T. HARVEY & ASSOCIATES
Ecological Consultants

Figure 1. Vicinity Map
Bay Rise Park, – Biological Resources Report (4113-02)
December 2024

To achieve these goals, the project's vision is to transform the property into public open space, with a focus on public access to the bay, tidal marsh habitat restoration, and sea level rise resiliency demonstration/education. The overall earthwork concept is to excavate the northern portion of the site and move that excavated soil to create a berm farther south, closer to the roadways. The excavation design grades would be set to convert existing ruderal upland habitat and low-quality seasonal wetland habitat to a high-quality tidal salt marsh ecosystem. An improved Bay Trail segment would be located atop the berm, overlooking the restored tidal marsh. The project would also include an education center building and would program educational events. Interpretive design elements would be installed throughout the park to educate park users about climate change and bay ecology in a manner that allows users of diverse ages, backgrounds, and abilities to engage with the site.

As currently envisioned, and as shown on Figure 2, the site would include the following project elements:

- Restored tidal salt marsh habitat, marsh-upland ecotone, and upland habitats dominated by native plant species
- Improved Bay Trail
- Secondary trails
- Education center building
- Interpretive program
- Coastal flood protection/Sea level rise resiliency demonstration
- Bay Area Water Trail access and recreation (i.e., kitesurfing ramp, and a dual purpose emergency water rescue/kayak ramp)
- Lawn
- Multi-purpose areas
- Trash enclosure
- Fire Department building
- Southern parking lot, adjacent to Airport Boulevard and Bay View Place
- Rock structures within the tidal inlet to create a permeable barrier that would reduce wave propagation into the restored marsh
- Living shoreline intertidal habitat design elements incorporated into rock slope protection at the tidal inlet, emergency water rescue/kayak ramp, and kitesurfing ramp, on rock structures within the tidal inlet, and on northeastern shoreline repair area



LEGEND

- (A) KITESURFING RAMP WITH BAY OVERLOOK / ACCESS
- (B) WESTERN LAWN AND KITESURFING RIGGING AREA WITH MOW CURB
- (C) RESTORED MARSH
- (D) ECOTONE
- (E) EDUCATION CENTER
- (F) UPPER BOARDWALK
- (G) LOWER BOARDWALK
- (H) FAA TOWER & ENCLOSURE
- (I) WATER RESCUE / KAYAK RAMP
- (J) EASTERN LAWN
- (K) BAY TRAIL
- (L) FIRE DEPARTMENT BUILDING
- (M) TRASH ENCLOSURE
- (N) PARKING LOT (ONE WAY)
- (O) OVERLOOK GROVE

H.T. HARVEY & ASSOCIATES
Ecological Consultants

Figure 2. Proposed Project Elements
Bay Rise Park - Biological Resources Report (4113-02)
December 2024

DRAWING NAME: \\HTHNAS\Company Share Folder\Work Products\Active Projects\4113, Burlingame Airport Blvd Park\02, Outreach and Design\PSE\WorkDwg\FIGURE\4113-02_BRR Figure 2_20240412.dwg

1.1.2 Proposed Project Conditions

1.1.2.1 Wetland Restoration

The site is located within historical Baylands that were previously filled. The project would remove a portion of this fill and reconnect the excavated area to the bay's tides to restore an approximately 3-acre tidal salt marsh ecosystem. The restored ecosystem would be dominated by native plant species that would consist of approximately 1.5 acres of tidal salt marsh habitat below the current High Tide Line (HTL) and approximately 1.5 acres of associated marsh-upland ecotone habitat (ecotone) above the current HTL.

- Tidal salt marsh refers to the portion of the restored marsh ecosystem that would be flooded and drained by the twice daily high and low tides that would convey saline water to the marsh from the San Francisco Bay through a constructed tidal inlet. Most of the tidal marsh would consist of a relatively flat marsh plain and would be vegetated with native plants adapted to salty soils and regular tidal inundation. The tidal marsh would be located below the current HTL.
- Marsh-upland ecotone habitat refers to the transition zone of vegetation that would be located on the constructed earthen slope situated between the restored tidal marsh at the toe of slope and the upland habitat at the top of slope. This slope would also function as a coastal flood control berm and a new segment of the bay trail would be located at the top of slope. Ecotone vegetation would consist of a diverse transition of plant communities from those that are relatively salt and flood tolerant near the toe of slope/marsh to those that are more drought tolerant toward the top of slope. The proposed tidal marsh ecosystem restoration is consistent with regional bayland planning guidance for this portion of the San Francisco Bay shoreline including: *Baylands Ecosystem Habitat Goals Project* (San Francisco Bay Area Wetlands Ecosystem Goals Project 1999), *Baylands Ecosystem Habitat Goals Project Science Update* (San Francisco Bay Area Wetlands Ecosystem Goals Project 2015), and the *San Francisco Bay Shoreline Adaptation Atlas* (Beagle et al. 2019).

The tidal marsh and ecotone design is modeled after natural San Francisco Bay tidal salt marsh analogues, with the primary analogue consisting of the closest appropriate natural marsh to this site: Laumeister Marsh. Tidal salt marsh habitat would consist of a fully tidal mid- to high-marsh plain dominated by pickleweed (*Salicornia pacifica*) with a lower abundance of a diversity of native tidal salt marsh plant species. Tidal waters would be conveyed to and from the marsh plain on the flood and ebb tides by a dendritic tidal slough channel network connected to the San Francisco Bay via a constructed tidal inlet. The marsh-upland ecotone would support a high diversity of native plant species occurring within sub-shrub and shrub habitat patches in a matrix of alkali meadow habitat. Overall, the habitat improvements would support a high diversity of plants and animals, including insect pollinators.

The existing ruderal habitat and the majority of the low-quality seasonal wetlands would be converted to restored tidal marsh and ecotone via mass grading. The mass grading effort would excavate the existing bay fill to tidal marsh elevations and place that fill landward to construct the ecotone slope up to the new Bay Trail segment. The tidal inlet to the San Francisco Bay would be constructed through the site's existing concrete

rubble shoreline protection to provide full tidal action to the restored tidal marsh. The existing shoreline protection would be left intact adjacent to the tidal inlet to serve as a wave break to protect the restored tidal marsh and the lower boardwalk from wind-wave erosion. The slope leading up from the marsh would be graded at a low, gradual angle (slopes varying from 4:1 to 10:1 [horizontal:vertical]) to restore ecotone habitat. The grading plan for both the restored marsh plain and the ecotone slope would provide the marsh ecosystem with resiliency to sea level rise, so that sea level rise is less likely to drown the vegetated marsh in the future. For example, the marsh plain would be constructed at elevations situated relatively high in the tidal frame and the ecotone would be built with a gradual, gentle slope (not steep) to allow the tidal marsh to adapt to sea level rise. The gradual ecotone slope from the marsh to the trail would provide horizontal space for the marsh to gradually Move upslope as sea level rises (i.e., landward transgression of marsh).

Contaminant testing of soils at the marsh design grade found that certain contaminants exceed Regional Water Quality Control Board (RWQCB) screening criteria for the protection of aquatic animals. Therefore, the project would include over-excavation of contaminated soils and import and backfill of the restored marsh plain with clean soils that meet RWQCB screening criteria for wetland surface material to protect aquatic animals that would utilize the restored marsh. Soil stockpiling will occur at the project site as soon as soil that meets RWQCB screening requirements becomes available from a local borrow site or sites. To avoid impacts to any existing habitat, the soil will be stockpiled in the existing parking lots, which are classified as "Developed/Landscaped" habitat on Figure 3. Obtaining the soil in advance will help ensure that suitable soil is available when needed for the project to stay on schedule and could also help reduce overall environmental impact since the soil could be moved directly from the local borrow site to the project site.

There is also material onsite that contains non-hazardous concentrations of petroleum hydrocarbons and metals which would need to be disposed offsite at a Class II regulated landfill or buried under two feet of clean fill material. A small volume of soil containing hazardous concentrations of lead would need to be disposed of off-site at a Class I regulated landfill (Langan Engineering and Environmental Services, Inc. 2021). Following soil excavation and wetland surface soil import and placement, the restoration work would include intensive revegetation of native plant communities via seeding, planting, and vegetation maintenance during a short-term, three-year plant establishment period.

1.1.2.2 Shoreline Erosion Control and Living Shoreline Elements

Under proposed project conditions, the existing shoreline protection would be breached, allowing tides to inundate the restored tidal marsh excavation area. Waves produced both by moving vessels and wind shear could propagate through the constructed tidal inlet and potentially cause soil erosion in the restored marsh. The project would include several constructed elements to avoid and mitigate the effects of waves, propagating into the site through the approximately 50-foot-wide tidal inlet:

- The orientation of the tidal inlet is to the northeast, to minimize directly coincident waves generated along the longest fetch, which is directly north. Fetch refers to a water surface area or length over

which the wind blows and thereby generates waves. Angling the inlet away from the principal fetch direction serves to prevent the largest potential waves from entering the site.

- Once waves enter the inlet, the tidal inlet's design forces the waves to break and dissipate energy as the slope quickly ascends over a rip-rapped grade transition that curves toward the southeast and narrows before incoming water reaches the constructed marsh and associated channels. The grade transition ensures that waves break while entering the site, thereby dissipating energy through turbulence and other processes.
- The rip-rapped bottom and sides of the inlet also promote drag forces within the incoming flow that reduces wave energy, and a similar effect is added by directing the incoming flow around a bend in the inlet channel prior to it splitting into the marsh channel network and marsh plain areas of the site.
- The meandering of these marsh channels and the marsh vegetation along the channel margins, bounding berms, and marsh plain serve to further reduce the energy of incoming waves by increasing surface roughness and flow complexity.
- Raised topography at the southern portion of the marsh and the construction of a flood control berm and a flood wall at the education center provide a further layer of protection for critical infrastructure elements of the site.

The project would also improve shoreline erosion protection and enhance rocky intertidal habitat along portions of the bay shoreline and the Sanchez Creek bank adjacent to the proposed kitesurfing ramp, tidal inlet, and water rescue/kayak ramp. These shoreline improvements involve removal of existing concrete debris and replacement of this debris with imported hard substrate, placed below the HTL. Construction work in aquatic habitats below the HTL along the bay shoreline (also referred to as in-water work) would be done using sheet pile coffer dams and dewatering to prevent ingress of Bay waters. Living shoreline habitat enhancements would be incorporated into all hard substrate that is placed for erosion protection as follows:

- Living shoreline intertidal habitat design elements incorporated into rock slope protection may include the addition of rugosity to the imported rock and/or concrete to promote colonization by macroalgae and macroinvertebrates. Rugosity refers to small-scale variations in the surfaces of the rock and/or concrete creating a rough, ridged, or wrinkled surface located in the subtidal or low elevation intertidal zones to promote natural establishment of diverse assemblages of macroalgae and macroinvertebrates.
- Rock-crown revegetation with native plants on the upper elevation portions of these rock structures. Rock-crown revegetation refers to incorporation of soil and vegetation into the rock structure interstices above MHW.

1.1.2.3 Operations/Public Access and Education

The project would improve access for the public to experience a wide variety of recreational activities. It would provide amenities for fishing, picnicking, playing lawn games, kitesurfing/windsurfing, kayaking/paddle boarding, jogging, bicycling, birdwatching, and attending educational events.

- **Public Access to Nature**—The project is designed to maximize visual access to the restored tidal marsh habitat and promote nature-based recreation and education. Several elevated site elements (e.g. boardwalks, education center deck, overlook grove, etc.) would provide observation points for birdwatchers, educational groups, and members of the public. The revegetation design is geared to provide the public with opportunities to experience and learn about native plants. The marsh, its associated marsh-upland ecotone, and the upland habitat would all be revegetated with native bay edge species. Planting in areas of high public use, for example around the education center, would be more "formal" but would still only include appropriate native bay edge species. The site would be designed to provide universal access to the education center and all trails and passive recreation areas. In terms of active recreation, both water access ramps would comply with Americans with Disabilities Act recommendations for water access ramps.

- **Education and Interpretive Program**—The project would provide opportunities for schools, non-profit organizations, and the general public to learn about sea level rise, bay ecology, and other relevant topics. The site would include an interpretive program to educate the public on the natural environment and explain the project's nature-based sea level rise adaptation strategy. The exterior portion of the program would focus on experiential and structural elements and may provide a few sign panels. The interior portion would include displays and likely a video/monitor educational component. The park's intentional topographic design would provide a visual example of the process of sea level rise, strategies for adapting shorelines to sea level rise, and would be incorporated into the interpretive program. In addition, educational programming and events would be hosted at the site. These educational programs would be led by teachers or docents and include activities and lectures above and beyond the interpretive program.

- **Bay Trail and Other Pathways**—The project would re-route and improve the Bay Trail, which would run along the elevated ridge of the berm, offering views of the bay and the restored tidal marsh habitat below. The site's education center would provide a stopover with restrooms, a water re-filling station, and other amenities for joggers, walkers, and cyclists. Paths and boardwalks would branch off the Bay Trail to provide access within the park. The parking lot would also improve public access to this section of the Bay Trail. The site's secondary pathways provide direct access to the bay edge, including the upper and lower boardwalks in the northeast corner, and the trail spur on the wave break at the northern edge of the site. Other secondary pathways provide safe access from the sidewalk and southern parking lot to the site's key elements.

- **Water Access**—The project would include two separate access points for the Bay Area Water Trail – at the eastern side for kayaking, fishing, and general Bay access, and on the western side for

kitesurfing and windsurfing access. The water rescue/kayak ramp in the northeast corner of the site, which will be used by the fire department in case a water rescue is needed, will also be accessible to the public for pedestrian and water sport access to the water's edge and will improve access for fishing (a popular activity at the site). The water rescue/kayak ramp would include landings and handrails (at the upper elevations) to allow public access to the Bay, and the kitesurfing ramp would include a lawn lay-down area for setting up equipment. The parking lot would also improve access for these water-based activities.

- **Education Center and Adjacent Eastern Lawn—**
    - The building would include two exhibit galleries, with a dividing operable wall system allowing the galleries to be merged into one larger space. It includes an associated northern and western deck and eastern/southern plazas.
    - The education center galleries would be open to the public 7 days/week from approximately 9am to 5pm.
    - Along the east side of the building, a takeaway café counter would serve coffee, sandwiches, etc. that can be consumed in the park or taken to go. The café would not provide sit-down menu service. It would be open 7 days/week from approximately 8am to 3pm with possible extended summer hours from 7am-3pm.
    - The park restrooms will be on the west side of the building and are accessible from the building's exterior. These exterior park restrooms would open at the same time as the café and stay open until dusk (when the parking lot closes).
    - The building's western deck will also be publicly accessible during park hours.
    - The eastern lawn is located between the education center and Sanchez Creek and would provide room for picnicking, lawn games, and a variety of activities and events.
- **Events**—The project's education center would host educational programs and other events.
    - Events may include the following:
        - Education: school group, community group, speaker series, scientific research
        - Recreation: sports competition, group sports lesson, group kayak outing, nature group outing
        - Performance: music, theater, movie, art
        - Community: farmer's market, food truck hub, craft fair, collectible/antique fair, art/wine festival
        - Private: wedding, birthday party, family reunion, faith-based event (e.g. bar mitzvah)
        - Corporate/Nonprofit/Government: meeting, conference, banquet

- Events may temporarily limit public access to portions of the education center (one or both galleries, the lobby, and/or the interior restrooms) and its associated exterior spaces (northern deck, eastern plaza, and/or eastern lawn). During open hours, the public would always have access to the Bay Trail, western deck, Bay Area Water Trail access points, exterior park restrooms, café counter, parking lot, and western lawn.

- **Parking**—The site would include an entry drive and a one-way parking lot extending from the entry at Airport Boulevard, exiting on Bay View Place. The parking lot would be gated on both sides for security and would be open 7 days/week from dawn to dusk. Parking would remain open to the public during education center events, which would utilize valet/shuttle services.

1.1.2.4 Coastal Flood Protection

As described above, the project will use a portion of the fill excavated in creating the marsh to construct an earthen slope on the southern portion of the site. The earthen slope will be engineered to function as a coastal flood control berm. The elevation of the berm will be coordinated with the San Mateo County Flood and Sea Level Rise Resiliency District (OneShoreline), which is currently developing flood control solutions for the region as a whole. The OneShoreline regional solution will be required to complete the coastal flood protection in the project vicinity, and the project is being engineered to allow for future integration with this regional solution.

1.1.2.5 Views

Views to the bay would be improved, both from Airport Boulevard and from within the park. The existing vegetation along the site's southern perimeter currently obstructs views of the bay from Airport Boulevard. This vegetation would be removed, and strategic view corridors would be provided around the education center to highlight the project's unique bayside setting. Even in locations where the bay is not directly visible, the open unobstructed views through the site would indicate the waterfront (because there is no development bayward of the site, leading to long views across the bay). Within the park, views to the bay would be highlighted from:

- the Bay Trail and overlook grove, both located on the created berm (proposed to be approximately 9-10 feet above current grade),
- the education center, located centrally to provide views of the restored marsh, tidal inlet, and the bay beyond,
- the upper boardwalk in the northeast portion of the site,
- the deck at the top of the water rescue/kayak ramp along Sanchez Creek,
- the kitesurfing ramp, bay overlook/access and seating, and lawn in the northwest corner of the site.

1.1.2.6 Lighting

The project would include outdoor lighting in the landscape and along the exterior of the education center. Lighting goals are based on safety, security, and sensitivity to the adjacent restored habitat:

- Human experience
    - Highlight paths, wayfinding, features and destinations
    - Design for scene experience
    - Provide for safety and security
- Ecology
    - Avoid glare, excess light, and light pollution
    - Select light color to minimize effects on wildlife
    - Reduce high contrast
- Energy efficiency

Automated interior blackout shades would be installed on all windows on the education center's north/northwest and east facades as well as the galleries' south facing clerestory windows. These shades would be programmed to close when the building is not in use and between 10pm and sunrise.

1.1.2.7 Bird-Safe Design

The project would incorporate bird-safe glazing on certain portions of the education center to reduce the frequency of bird collisions with glazed facades. The minimum extent of the proposed bird-safe glazing treatment on the building's facades would include the large glass panels on the north/northwest and east facades. Bird-safe glazing treatments may include fritting, netting, permanent stencils, frosted glass, exterior screens, physical grids placed on the exterior of glazing, or ultraviolet patterns visible to birds. The bird-safe pattern would have vertical elements at least ¼-inch wide at a minimum spacing of four inches, and horizontal elements at least ⅛-inch wide at a minimum spacing of two inches.

1.1.3 Project Construction and Schedule

Project construction is anticipated to occur over the course of three construction phases and would likely require the following equipment (Table 1). The construction timeline and phasing of elements is subject to change. Construction will occur only during daylight hours.

Table 1. Project Construction Schedule and Equipment

Phase	Equipment Type	Number/Day	Hours/day
Phase 0 - Stockpile Soil	Rubber Tired Dozers	1	8
	Highway Dump Trucks	10	6

Phase	Equipment Type	Number/Day	Hours/day
Phase 1a - Demolition/Site Preparation	Concrete/Industrial Saws	1	8
	Tractors/Loaders/Backhoes	1	8
	Dewatering Pump	1	8
	Pile Hydraulic Vibrodriver with Hammer Rig	1	8
	Gradall Forklift	1	8
	Highway/Flatbed Trucks	4	8
	Rubber Tired Dozers	2	8
Phase 1b - Grading/Excavation	Excavators	1	8
	Graders	2	8
	Rubber Tired Dozers	2	8
	Sheepsfoot Soil Compactor	1	8
	Box/Straight-Bladed Earth Moving Equipment, 1140 hours (or Articulated Dump Trucks)	1	8
	Tractors/Loaders/Backhoes	1	8
	Highway Dump Trucks	10	6
	Water Truck	1	2
	Street Sweepers	1	8
	Surfacing Equipment	2	8
Phase 1c - Trenching/Utilities	Tractor/Loader/Backhoe	2	8
	Excavators	1	8
	Trenchers	1	8
	Highway/Flatbed Trucks	2	6
	Highway Dump Trucks	2	6
Phase 1d - Specialty - Water Access Ramp	Concrete Truck	2	8
	Pumps	1	8
	Excavators	2	8
	Pile Hydraulic Vibrodriver with Hammer Rig	1	8
	Gradall Forklift	1	8
	Cranes	1	7
	Tractors/Loaders/Backhoes	2	8
	Surfacing Equipment	1	8
Phase 2a - Grading/Excavation	Excavators	1	8
	Graders	2	8
	Rubber Tired Dozers	2	8
	Sheepsfoot Soil Compactor	1	8
	Tractors/Loaders/Backhoes	3	8
	Highway Dump Trucks	30	8

Phase	Equipment Type	Number/Day	Hours/day
	Water Truck	1	2
	Dewatering Pump	1	8
Phase 2b - Site - Piled Foundations	Excavators	1	8
	Gradall Forklift	1	8
	Bore/Drill Rigs	1	8
	Concrete Trucks	2	8
	Pumps	1	8
Phase 2c - Building - Foundation	Excavators	1	8
	Bore/Drill Rigs	1	8
	Concrete Trucks	6	8
	Pumps	1	8
Phase 2d - Paving and Sidewalks	Pavers	1	6
	Highway Dump Truck	1	6
	Rollers	2	6
	Concrete Trucks	4	6
	Pumps	1	6
	Grader	1	6
Phase 2e - Site - Electrical and Lighting	Excavators	2	4
	Aerial Lifts	2	8
Phase 2f - Site - Landscaping	Excavators	4	6
	Highway/Flatbed Trucks	4	8
	Water Truck	1	2
Phase 3a - Demolition	Excavators	1	8
	Rubber-Tired Dozers	1	8
	Tractors/Loaders/Backhoes	2	8
	Highway Dump Trucks	4	8
Phase 3b - Paving	Excavators	1	8
	Pavers	1	8
	Rollers	1	8
	Skid Steer Loader	1	8
	Highway/Flatbed Trucks	4	8
Phase 3c - Building - Exterior	Cranes	1	7
	Forklifts	1	8
	Aerial Lifts	2	8
	Generator Sets	1	8
	Tractors/Loaders/Backhoes	1	7

Phase	Equipment Type	Number/Day	Hours/day
	Welders	1	8
	Concrete Trucks	6	8
	Pumps	1	8
	Highway/Flatbed Trucks	2	6
Phase 3d - Building - Interior/Architectural	Air Compressors	1	8
	Aerial Lifts	2	6
	Generator Sets	1	8

The project will require installation of piles to provide a stable foundation for construction of the education center, kitesurfing ramp, upper boardwalk, and water rescue/kayak ramp. A combination of temporary and permanent sheet pile/cut off walls may be required along the edge of the project site to allow for installation of the marsh and water access ramps. Temporary installation of sheet piles as coffer dams will also be required for dewatering and preventing ingress of Bay waters during construction. Vinyl sheet walls will be installed in the flood control berm to prevent seepage. Auger cast piles will be used at the education center; this type of pile does not require pile driving. Vibratory pile driving will be used to the extent feasible to install the steel pipe piles and walls. However, the presence of very dense soils at approximately 43 feet deep will likely require switching to impact pile driving where the soils become too dense for vibratory pile driving. Similarly, the presence of large chunks of concrete along the Bay Edge may require switching to pile driving to install some portion of the walls. Table 2 provides details on pile installation by location.

Table 2. Pile Type by Location

Location	Type of Pile	Approximate Duration	Approximate Pile Quantity*
Sheet pile walls along shoreline	Pile Hydraulic Vibrodriver with Hammer Rig	3 weeks (90% vibratory 10% driving time)	1,500 LF
Vinyl sheet walls in flood control berm	Pile Hydraulic Vibrodriver with Hammer Rig	2 weeks (90% vibratory 10% driving time)	1,050 LF
Water rescue/kayak ramp	Vibrodriven steel pipe piles to extent feasible and impact if necessary	2 weeks (90% vibratory 10% driving time)	20
Kitesurf ramp	Vibrodriven steel pipe piles to extent feasible and impact if necessary	1 week (90% vibratory 10% driving time)	9
Boardwalk/overlook	Vibrodriven steel pipe piles to extent feasible and impact if necessary	1 week (90% vibratory 10% driving time)	3
Education and event center	Auger cast	2 weeks	65

*Exact quantity of piles may change after detailed engineering has been completed

Section 2.0 Methods

2.1 Background Review

Prior to conducting field work, H. T. Harvey & Associates ecologists reviewed maps of the project site; aerial images of the region (Google Inc. 2021); a U.S. Geological Survey (USGS) topographic map; the California Department of Fish and Wildlife's (CDFW's) California Natural Diversity Database (CNDDB) (2023); a 2013 Wetland Delineation Report prepared for the property by Monk & Associates (2013), as well as the 2015 U.S. Army Corps of Engineers (USACE)-verified delineation map (SPN File Number 2013-00355S); and other relevant scientific literature and technical databases. In addition, for plants, we reviewed all species on current California Native Plant Society (CNPS) California Rare Plant Rank (CRPR) 1 - 4 lists occurring in the *San Mateo, California* 7.5-minute USGS quadrangle and surrounding eight quadrangles (*Hunter's Point, San Leandro, Redwood Point, Palo Alto, Half Moon Bay, Woodside, Montara Mountain,* and *San Francisco South*) (CNPS 2024). In addition, we queried the CNDDB (2024) for natural communities of special concern that occur in the project region.

2.2 Field Surveys

Reconnaissance-level field surveys of the project site were conducted by H. T. Harvey & Associates wildlife ecologist Craig Fosdick, M.S, and plant ecologist Jill Pastick, M.S., on May 21 and May 19, 2020, respectively, and by senior wildlife ecologist Kim Briones, M.S., on June 17, 2021. The purpose of these surveys was to document existing biological conditions on the entire project site and to provide a project-specific impact assessment for the proposed residential development project on the 9.4-acre project site and the adjacent open water habitat in the San Francisco Bay and Sanchez Creek. Specifically, surveys were conducted to (1) assess existing biotic habitats and general plant and wildlife communities in the project site, (2) assess the potential for the project to impact special-status species and/or their habitats, and (3) identify potential jurisdictional habitats, such as waters of the U.S./State and riparian habitat. Plant species observed during the reconnaissance survey are listed in Appendix A of this report.

A wetland delineation was conducted by senior plant ecologist Mark Bibbo, M.S., and J. Pastick on January 12, 2021. The purpose of this survey was to confirm that conditions on the site had not changed in the five years since the original Jurisdictional Determination (JD) and verified delineation map was issued for the project site by the San Francisco District of USACE on June 15, 2015 (SPN File Number 2013-00355S). M. Bibbo and J. Pastick conducted a routine wetland delineation to determine the current extent of potentially jurisdictional features on the site. USACE conducted a site visit with H. T. Harvey & Associates on April 13, 2021 to verify the findings of the updated delineation, and is currently processing an updated JD.

A tree inventory and assessment were completed on May 21, 2020 (with a follow-up visit in January 2024) by H. T. Harvey & Associates arborist Ryan Hegstad and restoration ecologist Vicki Chang. R. Hegstad is an International Society of Arboriculture-certified arborist (WE-12542A). All trees with a circumference of 13

inches (Diameter at Breast Height [DBH] of 4 inches) or greater were included in the inventory and assessment. Tasks conducted during the tree inventory and assessment consisted of the following: assessing the historical use, time of development, and approximate time of tree installation at the site; identifying each tree to species (scientific name and common name); assessing the native status of trees; tagging each tree with an identifying number; recording the approximate location of each tree; measuring tree trunk diameter (DBH); determining the protected status of each tree; evaluating tree health and structural conditions; and taking representative photos of the surveyed trees. The results of the tree survey are presented in a preliminary arborist report, included in this report as Appendix B.

A preliminary eelgrass survey and analysis was overseen by Merkel & Associates, Inc. in April and May 2021. These surveys were conducted in conformance with the California Eelgrass Mitigation Policy (CEMP; NMFS 2014) and covered a 45 meter (148 foot) buffer of the project site. The surveys were carried out during low tide conditions, with water levels ranging from approximately –1.4 feet to –0.8 feet mean lower low water (MLLW), and –1.8 feet to –1.3 feet MLLW respectively, during the surveys. To facilitate mapping and to identify an appropriate eelgrass reference area with similar site characteristics in close proximity to the project area, an unmanned aerial vehicle (UAV) was used to survey the project site and adjacent intertidal areas located to the west and east of the project area where eelgrass has previously been detected during baywide comprehensive surveys (Merkel & Associates, Inc. 2015). The UAV flights were carried out by H. T. Harvey & Associates on April 30 and May 38, 2021. Color and near infrared imagery were collected to support detection and mapping of eelgrass, using automated flight control software to capture overlapping still images of the study area from an altitude of approximately 200 feet above ground level. Structure-from-motion photogrammetry software (ArcGIS Drone2Map) was then used to create rectified orthomosaics of the survey area. Following completion of the May UAV survey, aerial orthoimagery was evaluated using spectral and object-oriented image analysis techniques to determine whether eelgrass was present within the survey area. Ground truthing was subsequently conducted on June 15th during a –0.5 foot low tide with an emphasis on lower Sanchez Creek, where the presence of several mixed algal beds identified in the imagery and associated with cobble/rubble substrate could have had the potential to mask or obscure sparse eelgrass in the aerial imagery. The results of the eelgrass survey are presented in a memo included in this report as Appendix C.

Section 3.0 Regulatory Setting

Biological resources on the project site are regulated by a number of federal, state, and local laws and ordinances, as described below.

3.1 Federal

3.1.1 Clean Water Act

The Clean Water Act (CWA) functions to maintain and restore the physical, chemical, and biological integrity of waters of the U.S., which include, but are not limited to, tributaries to traditionally navigable waters currently or historically used for interstate or foreign commerce, and adjacent wetlands. Historically, in non-tidal waters, U.S. Army Corp of Engineers (USACE) jurisdiction extends to the ordinary high water (OHW) mark, which is defined in Title 33, Code of Federal Regulations (CFR), Part 328.3. If there are wetlands adjacent to channelized features, the limits of USACE jurisdiction extend beyond the OHW mark to the outer edges of the wetlands. Wetlands that are not adjacent to waters of the U.S. are termed "isolated wetlands" and, depending on the circumstances, may be subject to USACE jurisdiction. If there are wetlands adjacent to channelized features, the limits of USACE jurisdiction extend beyond the OHW mark or HTL to the outer edges of the wetlands.

On December 30, 2022, the U.S. Environmental Protection Agency and Department of the Army (the agencies) announced a final rule founded upon the pre-2015 definition of "waters of the United States." To determine jurisdiction for tributaries, adjacent wetlands, and additional waters, the final rule relies on the longstanding approach of applying two standards. This rule was further affected in implementation by the May 25, 2023 decision for *Sackett v. Environmental Protection Agency* and subsequent issuance of the September 2023 rule to address *Sackett's* conclusions (referred to as the 2023 Conforming Rule). As such, potentially jurisdictional wetlands and waters of the U.S. are considered jurisdictional if they would have been under the 2022 rule or the pre-2015 definition, but not if they lack a "continuous surface connection" to navigable waters and their tributaries. Waters lacking such a connection are termed "isolated" and currently are not generally regulated by the USACE.

The placement of fill into waters of the U.S. must comply with permit requirements of the USACE. No USACE permit will be effective in the absence of Section 401 Water Quality Certification. The State Water Resources Control Board (SWRCB) is the state agency (together with the Regional Water Quality Control Boards [RWQCBs]) charged with implementing water quality certification in California.

3.1.1.1 Project Applicability

USACE completed and filed a Preliminary Jurisdictional Delineation (PJD) of Waters of the U.S. for the project site (USACE 2021). The PJD determined that the northern and eastern edge of the project study area along the San Francisco Bay and Sanchez Creek up to the HTL would be claimed as waters of the U.S by USACE under

Section 404 of the CWA. Additionally, the PJD verified that 0.4 acres of seasonal wetlands within site's interior are three-parameter wetlands and would be regulated under Section 404 of the CWA. However, this was prior to adoption of the 2023 Conforming Rule. Under the Conforming Rule, it is likely that the seasonal wetlands on-site would be considered "isolated" and therefore could potentially be disclaimed by the USACE under an Approved Jurisdictional Determination. Sanchez Creek and the Bay itself would still be considered waters of the U.S. The project proponent does not intend to request an Approved Jurisdictional Determination from the USACE. Placement of fill within waters of the U.S. associated with the project will require a Section 404 permit from USACE.

3.1.2 Rivers and Harbors Act

Section 10 of the Rivers and Harbors Act of 1899 prohibits the creation of any obstruction to the navigable capacity of waters of the U.S., including discharge of fill and the building of any wharfs, piers, jetties, and other structures without Congressional approval or authorization by the Chief of Engineers and Secretary of the Army (33 U.S.C. 403).

Navigable waters of the U.S., which are defined in 33 CFR, Part 329.4, include all waters subject to the ebb and flow of the tide, and/or those which are presently or have historically been used to transport commerce. The shoreward jurisdictional limit of tidal waters is further defined in 33 CFR, Part 329.12 as "the line on the shore reached by the plane of the mean (average) high water." It is important to understand that USACE does not regulate wetlands under Section 10, only the aquatic or open waters component of bay habitat, and that there is overlap between Section 10 jurisdiction and Section 404 jurisdiction. According to 33 CFR, Part 329.9, a waterbody that was once navigable in its natural or improved state retains its character as "navigable in law" even though it is not presently used for commerce as a result of changed conditions and/or the presence of obstructions. Historical Section 10 waters may occur behind levees in areas that are not currently exposed to tidal or muted-tidal influence, and meet the following criteria: (1) the area is presently at or below the mean high water (MHW) line; (2) the area was historically at or below MHW in its "unobstructed, natural state"; and (3) there is no evidence that the area was ever above MHW.

As mentioned above, Section 404 of the CWA authorizes USACE to issue permits to regulate the discharge of dredged or fill material into waters of the U.S. If a project also proposes to discharge dredged or fill material and/or introduce other potential obstructions in navigable waters of the U.S., a Letter of Permission authorizing these impacts must be obtained from USACE under Section 10 of the Rivers and Harbors Act.

3.1.2.1 Project Applicability

The area of San Francisco Bay and Sanchez Creek within the project site is subject to the ebb and flow of the tide, and would be considered by USACE as current Section 10 waters up to MHW elevation (6.22 ft NAVD88). To authorize the work areas below this elevation, a Letter of Permission will be required from USACE.

3.1.3 Federal Endangered Species Act

The Federal Endangered Species Act (FESA) protects federally listed wildlife species from harm or "take", which is broadly defined as "to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, collect, or attempt to engage in any such conduct." Take can also include habitat modification or degradation that directly results in death or injury of a listed wildlife species. An activity can be defined as "take" even if it is unintentional or accidental. Listed plant species are provided less protection than listed wildlife species. Listed plant species are legally protected from take under FESA only if they occur on federal lands.

The U.S. Fish and Wildlife Service (USFWS) and the National Marine Fisheries Service (NMFS) have jurisdiction over federally listed, threatened, and endangered species under FESA. USFWS also maintains lists of proposed and candidate species. Species on these lists are not legally protected under FESA, but may become listed in the near future and are often included in their review of a project.

3.1.3.1 Project Applicability

No suitable habitat for any federally listed plant species occurs on the project site. Thus, no federally listed plant species are expected to occur on the project site. The monarch butterfly (*Danaus plexippus*), which is a candidate for listing under FESA, may occur on the project site as an occasional visitor during fall and spring migration. Federal candidate species do not receive statutory protection under FESA, but USFWS encourages conservation of candidate species because they may warrant listing in the near future. Therefore, no incidental take approval from USFWS would be needed if take of this species were to occur prior to its listing. Because monarch butterflies have not regularly been documented on the site, and in particular because they are not known to form fall or winter roost aggregations anywhere in the site vicinity, the project is not expected to impact this species.

Federally listed animal species that could potentially occur in open waters within the project site are the southern distinct population segment of the North American green sturgeon (*Acipenser medirostris*), the San Francisco Bay-Delta distinct population segment of longfin smelt (*Spirinchus thaleichthys*) (Bay-Delta longfin smelt), and the Central California Coast steelhead (*Oncorhynchus mykiss*). Those portions of the project site that occur in the San Francisco Bay and Sanchez Creek are located within designated critical habitat for the green sturgeon. Because the project may result in impacts to steelhead and green sturgeon, and critical habitat for green sturgeon, and to longfin smelt, FESA Section 7 consultation between NMFS, USFWS and USACE would be required to assess potential impacts of the project on these species.

3.1.4 Magnuson-Stevens Fishery Conservation and Management Act

The Magnuson-Stevens Fishery Conservation and Management Act governs all fishery management activities that occur in federal waters within the United States' 200-nautical-mile limit. The Act establishes eight Regional Fishery Management Councils responsible for the preparation of fishery management plans (FMPs) to achieve the optimum yield from U.S. fisheries in their regions. These councils, with assistance from NMFS, establish Essential Fish Habitat (EFH) in FMPs for all managed species. Federal agencies that fund, permit, or implement

activities that may adversely affect EFH are required to consult with NMFS regarding potential adverse effects of their actions on EFH, and respond in writing to recommendations by NMFS.

3.1.4.1 Project Applicability

All intertidal habitats on the project site up to the elevation of mean higher high water (6.84 ft NAVD88) are considered to be EFH for a number of species that are federally managed under one or more of the following three FMPs:

- Coastal Pelagic FMP—northern anchovy (*Engraulis mordax*), Pacific sardine (*Sardinops sagax*), mackerel, squid
- Pacific Groundfish FMP—various rockfish, soles, and sharks
- Pacific Salmon FMP—Chinook salmon (*Oncorhynchus tshawytscha*)

FMP-managed fish species such as the Central Valley fall-run Chinook salmon, northern anchovy, starry flounder (*Platichthys stellatus*), English sole (*Parophrys vetulus*), and leopard shark (*Triakis semifasciata*) may occasionally migrate or forage in the adjacent intertidal habitats with the project site and open water habitat adjacent to the site; however, nursery habitat for these species is not present in these areas. Because the project would modify portions of the intertidal habitat along the north and east sides of the project, consultation with NMFS regarding potential project effects on EFH would be required; this consultation would occur concurrently with Section 7 consultation under FESA, as described above.

3.1.5 Federal Migratory Bird Treaty Act

The federal Migratory Bird Treaty Act (MBTA), 16 U.S.C. Section 703, prohibits killing, possessing, or trading of migratory birds except in accordance with regulations prescribed by the Secretary of the Interior. The MBTA protects whole birds, parts of birds, and bird eggs and nests, and it prohibits the possession of all nests of protected bird species whether they are active or inactive. An active nest is defined as having eggs or young, as described by USFWS in its June 14, 2018 memorandum "Destruction and Relocation of Migratory Bird Nest Contents" (USFWS 2018). Nest starts (nests that are under construction and do not yet contain eggs) and inactive nests are not protected from destruction.

3.1.5.1 Project Applicability

All native bird species that occur on the project site are protected under the MBTA.

3.1.6 Marine Mammal Protection Act

The Marine Mammal Protection Act prohibits the take of marine mammals, with certain exceptions, in waters under the jurisdiction of the U.S. or by citizens of the U.S. on the high seas, as well as the importation of marine mammals and marine mammal products into the U.S. Take is defined as "to harass, hunt, capture, or kill, or attempt to harass, hunt, capture, or kill any marine mammal." Harassment is defined as "any act of pursuit,

torment, or annoyance which has the potential to injure a marine mammal or marine mammal stock in the wild; or has the potential to disturb a marine mammal or marine mammal stock in the wild by causing disruption of behavioral patterns including, but not limited to, migration, breathing, nursing, breeding, feeding, or sheltering."

3.1.6.1 Project Applicability

One of six recognized Pacific harbor seal (*Phoca vitulina*) haul-out sites in the South San Francisco Bay is located at Bair Island approximately 8 miles southeast of the project site (Fox 2008), and harbor seals may occasionally forage in open water near the project site. California sea lions (*Zalophus californianus*) do not breed in the San Francisco Bay, but occasionally occur as common residents of the San Francisco Bay year-round. Small numbers of harbor seals and sea lions may forage in the open waters near the project site. However, no haul-out sites for either species occur on or near the project site.

3.2 State

3.2.1 CWA Section 401/Porter-Cologne Water Quality Control Act

SWRCB works in coordination with the nine RWQCBs to preserve, protect, enhance, and restore water quality. Each RWQCB makes decisions related to water quality for its region, and may approve, with or without conditions, or deny projects that could affect waters of the State. Their authority comes from the CWA and the State's Porter-Cologne Water Quality Control Act (Porter-Cologne). Porter-Cologne broadly defines waters of the State as "any surface water or groundwater, including saline waters, within the boundaries of the state." Because Porter-Cologne applies to any water, whereas the CWA applies only to certain waters, California's jurisdictional reach overlaps and may exceed the boundaries of waters of the U.S. For example, Water Quality Order No. 2004-0004-DWQ states that "shallow" waters of the State include headwaters, wetlands, and riparian areas. Moreover, the San Francisco Bay Region RWQCB's Assistant Executive Director, has stated that, in practice, RWQCBs claim jurisdiction over riparian areas. Where riparian habitat is not present, such as may be the case at headwaters, jurisdiction is taken to the top of bank.

The SWRCB adopted the State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State (SWRCB 2021). In these new guidelines, riparian habitats are not specifically described as waters of the state but instead as important buffer habitats to streams that do conform to the State Wetland Definition. The Procedures describe riparian habitat buffers as important resources that may both be included in required mitigation packages for permits for impacts to waters of the state, as well as areas requiring permit authorization from RWQCBs if impacted.

Pursuant to the CWA, projects that are regulated by USACE must also obtain a Section 401 Water Quality Certification permit from RWQCB. This certification ensures that the proposed project will uphold state water quality standards. Because California's jurisdiction to regulate its water resources is much broader than that of the federal government, proposed impacts on waters of the State require Water Quality Certification even if the area occurs outside of USACE jurisdiction. Moreover, RWQCB may impose mitigation requirements even

if USACE does not. Under the Porter-Cologne, SWRCB and the nine regional boards also have the responsibility of granting CWA National Pollutant Discharge Elimination System (NPDES) permits and Waste Discharge Requirements for certain point-source and non-point discharges to waters. These regulations limit impacts on aquatic and riparian habitats from a variety of urban water sources.

3.2.1.1 Project Applicability

The open water of the San Francisco Bay and Sanchez Creek, and the seasonal wetland habitat within the interior of the site would be claimed as waters of the State by RWQCB. Such areas fall under jurisdiction of the San Francisco RWQCB, and a Section 401 Water Quality Certification would be required for the project.

3.2.2 California Endangered Species Act

The California Endangered Species Act (CESA; California Fish and Game Code [CFGC], Chapter 1.5, Sections 2050-2116) prohibits the take of any plant or animal listed or proposed for listing as rare (plants only), threatened, or endangered. In accordance with CESA, CDFW has jurisdiction over state-listed species (Fish and Game Code 2070). CDFW regulates activities that may result in "take" of individuals (i.e., "hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture, or kill"). Habitat degradation or modification is not expressly included in the definition of "take" under the CFGC. CDFW, however, has interpreted "take" to include the "killing of a member of a species which is the proximate result of habitat modification."

3.2.2.1 Project Applicability

The state listed longfin smelt may be present as an occasional forager in the open bay waters and in Sanchez Creek within the project site. In June 2024, the California Fish and Game Commission approved white sturgeon (*Acipenser transmontanus*) as a candidate species for listing under CESA. White sturgeon may be present in the open channels of South San Francisco Bay, adjacent to the project site. Similarly, in October 2024, the California Fish and Game Commission designated the burrowing owl (*Athene cunicularia*) as a candidate species for listing under CESA. Because the project may result in impacts to longfin smelt and white sturgeon, and possibly to occasional migrant burrowing owls, additional consultation with CDFW may be necessary.

No suitable habitat for any state-listed plant species occurs on the project site. Thus, state-listed plant species are not expected to occur on the project site.

3.2.3 CEQA

CEQA is a state law that requires state and local agencies to document and consider the environmental implications of their actions and to refrain from approving projects with significant environmental effects if there are feasible alternatives or mitigation measures that can substantially lessen or avoid those effects. CEQA requires the full disclosure of the environmental effects of agency actions, such as approval of a general plan update or the projects covered by that plan, on resources such as air quality, water quality, cultural resources, and biological resources. The State Resources Agency promulgated guidelines for implementing CEQA are known as the State CEQA Guidelines.

Section 15380(b) of the State CEQA Guidelines provides that a species not listed on the federal or state lists of protected species may be considered rare if the species can be shown to meet certain specified criteria. These criteria have been modeled after the definitions in FESA and CESA and the section of the CFGC dealing with rare or endangered plants and animals. This section was included in the guidelines primarily to deal with situations in which a public agency is reviewing a project that may have a significant effect on a species that has not yet been listed by either USFWS or CDFW or species that are locally or regionally rare.

CDFW has produced three lists (amphibians and reptiles, birds, and mammals) of "species of special concern" that serve as "watch lists". Species on these lists are of limited distribution or the extent of their habitats has been reduced substantially, such that threat to their populations may be imminent. Thus, their populations should be monitored. They may receive special attention during environmental review as potential rare species, but do not have specific statutory protection. All potentially rare or sensitive species, or habitats capable of supporting rare species, are considered for environmental review per the CEQA Section 15380(b).

CNPS, a non-governmental conservation organization, has developed CRPRs for plant species of concern in California in the Inventory of Rare and Endangered Plants (CNPS 2024). The CRPRs include lichens, vascular, and non-vascular plants, and are defined as follows:

- CRPR 1A Plants considered extinct
- CRPR 1B Plants rare, threatened, or endangered in California and elsewhere
- CRPR 2A Plants considered extinct in California but more common elsewhere
- CRPR 2B Plants rare, threatened, or endangered in California but more common elsewhere
- CRPR 3 Plants about which more information is needed - review list
- CRPR 4 Plants of limited distribution-watch list

The CRPRs are further described by the following threat code extensions:

- .1—seriously endangered in California
- .2—fairly endangered in California
- .3—not very endangered in California

Although CNPS is not a regulatory agency and plants on these lists have no formal regulatory protection, plants appearing as CRPR 1B or 2 are, in general, considered to meet CEQA's Section 15380 criteria, and adverse effects on these species may be considered significant. Impacts on plants that are listed by CNPS as CRPR 3 or 4 are also considered during CEQA review, although because these species are typically not as rare as those of CRPR 1B or 2, impacts on them are less frequently considered significant.

Compliance with CEQA Guidelines Section 15065(a) requires consideration of natural communities of special concern, in addition to plant and wildlife species. Vegetation types of "special concern" are tracked in Rarefind (CNDDB 2023). Further, CDFW ranks sensitive vegetation alliances based on their global (G) and state (S) rankings analogous to those provided in the CNDDB. Global rankings (G1–G5) of natural communities reflect the overall condition (rarity and endangerment) of a habitat throughout its range, whereas S rankings reflect the condition of a habitat within California. If an alliance is marked as a G1–G3, all the associations within it would also be of high priority. CDFW provides the Vegetation Classification and Mapping Program's (VegCAMP) currently accepted list of vegetation alliances and associations (CDFW 2021).

3.2.3.1 Project Applicability

All potential impacts on biological resources will be considered during CEQA review of the project. This Biological Resources Report assesses these impacts to facilitate project planning and CEQA review of the project by City of Burlingame. Project impacts are discussed in Section 6 below.

3.2.4 CFGC

Streams, rivers, creeks, dry washes, sloughs, blue line streams on USGS maps, and watercourses with subsurface flows fall under CDFW jurisdiction. Canals, aqueducts, irrigation ditches, and other means of water conveyance may also be considered streams if they support aquatic life, riparian vegetation, or stream-dependent terrestrial wildlife. A *stream* is defined in Title 14, California Code of Regulations Section 1.72, as "a body of water that flows at least periodically or intermittently through a bed or channel having banks and that supports fish and other aquatic life. This includes watercourses having surface or subsurface flow that supports or has supported riparian vegetation." Using this definition, CDFW extends its jurisdiction to encompass riparian habitats that function as part of a watercourse. CFGC Section 2786 defines *riparian habitat* as "lands which contain habitat which grows close to and which depends upon soil moisture from a nearby freshwater source." The lateral extent of a stream and associated riparian habitat that would fall under the jurisdiction of CDFW can be measured in several ways, depending on the particular situation and the type of fish or wildlife at risk. At minimum, CDFW would claim jurisdiction over a stream's bed and bank. In areas that lack a vegetated riparian corridor, CDFW jurisdiction would extend to the top of the streambank. Where riparian habitat is present, the outer edge of riparian vegetation is generally used as the line of demarcation between riparian and upland habitats.

Pursuant to CFGC Section 1603, CDFW regulates any project proposed by any person that will "substantially divert or obstruct the natural flow or substantially change the bed, channel, or bank of any river, stream, or lake designated by the department, or use any material from the streambeds." CFGC Section 1602 requires an entity to notify CDFW of any proposed activity that may modify a river, stream, or lake. If CDFW determines that proposed activities may substantially adversely affect fish and wildlife resources, a Lake and Streambed Alteration Agreement (LSAA) must be prepared. The LSAA sets reasonable conditions necessary to protect fish and wildlife, and must comply with CEQA. The applicant may then proceed with the activity in accordance with the final LSAA.

Specific sections of the CFGC describe regulations pertaining to protection of certain wildlife species. For example, Code Section 2000 prohibits take of any bird, mammal, fish, reptile, or amphibian except as provided by other sections of the code.

The CFGC Sections 3503, 3513, and 3800 (and other sections and subsections) protect native birds, including their nests and eggs, from all forms of take. Disturbance that causes nest abandonment and/or loss of reproductive effort is considered "take" by CDFW. Raptors (i.e., eagles, hawks, and owls) and their nests are specifically protected in California under Code Section 3503.5. Section 3503.5 states that it is "unlawful to take, possess, or destroy any birds in the order Falconiformes or Strigiformes (birds of prey) or to take, possess, or destroy the nest or eggs of any such bird except as otherwise provided by this code or any regulation adopted pursuant thereto."

Bats and other non-game mammals are protected by CFGC Section 4150, which states that all non-game mammals or parts thereof may not be taken or possessed except as provided otherwise in the code or in accordance with regulations adopted by the commission. Activities resulting in mortality of non-game mammals (e.g., destruction of an occupied nonbreeding bat roost, resulting in the death of bats), or disturbance that causes the loss of a maternity colony of bats (resulting in the death of young), may be considered "take" by CDFW.

Under the CFGC Section 7050, the Marine Life Management Act (MLMA) requires CDFW to ensure the sustainable use of California's living marine resources.

3.2.4.1 Project Applicability

The project site includes the downstream tidal reach and mouth of Sanchez Creek where it flows into the Bay. While a tidal channel within the project site, Sanchez Creek is a downstream continuation of a stream conveying freshwater surface flows from the hills to the west, with an upslope watershed. As such, the channel would be considered part of a river or stream and is likely to be regulated by CDFW under CFGC Section 1603. Impacts to the bank of Sanchez Creek would thus require notification to CDFW to obtain an LSAA. Most native bird, mammal, and other wildlife species that occur on the project site and in the immediate vicinity are protected by the CFGC.

Pacific herring (*Clupea pallasii*) are known to spawn in the vicinity of the project site, and potentially suitable spawning habitat is present in intertidal and subtidal areas within and adjacent to the project site. Pacific herring are not protected by state or federal laws. However, because they are an important commercial fishery in the San Francisco Bay, CDFW monitors spawning in the Bay and calculates spawning stock biomass annually, consistent with the MLMA of the CFGC. Therefore, potential impacts of the project on Pacific herring are evaluated in this biological resources report, and the project incorporates measures (such as restricting in-water activities to the non-spawning season) to minimize the potential for impacts to this species.

3.3 Local

3.3.1 City of Burlingame Tree Ordinance

The City of Burlingame Municipal Code, Section 11.06.020 defines a tree with protected status as: 1) Any tree with a circumference of forty-eight (48) inches or more when measured fifty-four (54) inches above natural grade; or 2) A tree or stand of trees so designated by the city council based upon findings that it is unique and of importance to the public due to its unusual appearance, location, historical significance or other factor; or 3) A stand of trees in which the director has determined each tree is dependent upon the others for survival.

Requirements regarding removal of or work significantly affecting protected trees are described in the City of Burlingame Municipal Code, Section 11.06.060: and include notices and permits required for removal or work significantly affecting protected trees. Requirements regarding tree replacement of removed protected trees are further described in the City of Burlingame Municipal Code, Section 11.06.090. Avoidance and minimization measures for trees to be preserved would include implementation of tree protection zones (i.e., protecting trees that are intended to remain on the site from incidental project disturbance) and development of a tree protection plan by a certified arborist. In addition, the project proponent would be required to comply with the City of Burlingame Municipal Code and submit permit applications for removal or damage of all trees covered by the ordinance. Any City street trees, or private protected ordinance-sized trees to be removed may require replacement with newly planted trees according to the discretion of Parks and Recreation Department. The City's tree ordinance requires that the tree replacement at a ratio of 1:1 include a 24-inch box size single stem landscape tree(s) (no fruit or nut trees), which may be planted anywhere on the project site. Municipal Code, Section 11.06.090 also describes the penalties for violation of the ordinance, or if conditions are not met within the allotted time as specified in Chapter 11.06.090. (b)(5), and could include payment into the tree replacement fund.

3.3.1.1 Project Applicability

The tree inventory and arborist report described in Section 2.2 and included as Appendix B, identified "protected" trees occurring on the site. The project will comply with the City of Burlingame tree replacement guidelines and policies for any protected trees that will be removed as part of the project.

3.3.2 The McAteer-Petris Act

The McAteer-Petris Act, enacted on September 17, 1965, serves as a legal provision under California state law to preserve San Francisco Bay from indiscriminate filling. The act initially established the San Francisco Bay Conservation and Development Commission (BCDC) as a temporary state agency charged with preparing a plan for the long-term use of the San Francisco Bay. In August 1969, the McAteer-Petris Act was amended to make BCDC a permanent regulatory agency to incorporate the policies of the Bay Plan (BCDC 2012). BCDC jurisdiction includes a 100-foot wide band along the shoreline of the San Francisco Bay. The *shoreline* is defined as all areas that are subject to tidal action from the south end of the San Francisco Bay to the Golden Gate (Point Bonita–Point Lobos), and to the Sacramento River line (a line between Stake Point and Simmons Point,

extended northeasterly to the mouth of Marshall Cut). BCDC will claim all sloughs (specifically marshlands lying between mean high tide and up to 5 feet above mean sea level where marsh vegetation is present); tidelands (lands between mean high tide and mean low tide); and submerged lands (land lying below mean low tide) in this region. The McAteer-Petris Act also requires that "maximum feasible public access, consistent with a project be included as part of each project to be approved by the BCDC."

3.3.2.1 Project Applicability

BCDC's Bay jurisdiction within the project study area is defined by the Bay edge, which is defined as the MHW elevation because tidal marsh vegetation is absent along the existing shoreline wave break. In addition, a 100-foot jurisdictional shoreline band would extend inland from that Bay edge, onto the project site. Work within the Bay jurisdiction and 100-foot shoreline band would require a permit from BCDC.

Section 4.0 Environmental Setting

4.1 General Project Area Description

Conditions on the site and surrounding land were created by the Anza Corporation in the mid to late 1960s by placement of fill without authorization across approximately 150 acres of former San Francisco Bay habitats. Following a lawsuit, this land was divided between the Anza Corporation and SLC. The project parcel is owned by SLC and was never developed. It is a vacant lot consisting of:

- Weedy (ruderal) upland habitat occupying the majority of the site with a few non-native shrubs and trees scattered around the site's periphery
- Unimproved Bay Trail along the northern edge
- Unused gravel "parking lot" at the western edge, adjacent to the Kincaid's restaurant paved parking lot
- Abandoned paved parking lot and other hardscape infrastructure related to the former Sherman Restaurant, which was located on a boat moored in Sanchez Creek, along the eastern edge
- Federal Aviation Administration (FAA) tower, located in the eastern parking lot, associated with San Francisco International Airport. The FAA has an existing lease and easement with SLC for this infrastructure.

The northern edge of the site borders the tidal waters of San Francisco Bay and is subject to considerable erosive force from wind-driven waves. The existing shoreline erosion protection consists of large concrete slabs, roadbed of the former San Mateo Bridge, placed onsite when the bridge was rebuilt. The fill soil was placed to create the Anza Area of Burlingame as described above. The slabs were stacked vertically to create the Anza Area boundary, and fill was then placed behind them. Along the northern property line, the concrete slabs have shifted somewhat over time and smaller riprap material was placed towards the toe of the slope. Along Sanchez Creek, the concrete slabs are still stacked vertically with, in some locations, sakrete concrete placed above them at or near the top of bank. The site's elevations are above the influence of regular tidal inundation from the bay. Under the current conditions, it is likely that the site would potentially flood during a 50-year coastal flood event (i.e., a flood event that has a 2% chance of occurrence in any given year).

The project site is underlain by two soil types: (1)W – Water and (2) 134 – Urban Land-Orthents, reclaimed complex, 0 to 2 percent slopes, which is found in areas that were once part of the San Francisco Bay and adjacent tidal flats. The Urban Land-Orthents soil type describes soils consisting of artificial fill overlying Bay mud.

4.2 Biotic Habitats

Reconnaissance-level surveys identified four habitat type/land uses within a biological study area defined as the project parcel plus an approximately 100-foot buffer into the open water habitat of the San Francisco Bay and Sanchez Creek: ruderal grassland (5.88 acres), developed/landscaping (3.04 acres), seasonal wetland (0.40 acre), and open water (3.50 acres) (Figure 3). These habitat types are described in detail below. Plant species observed during the reconnaissance survey are listed in Appendix A.

4.2.1 Ruderal Grassland

4.2.1.1 Vegetation

Ruderal grassland is the most dominant habitat type on the site, comprising the majority of the project site (5.88 acres). Ruderal grassland is an herbaceous vegetation characterized by dense cover of taller statured, non-native grasses and forbs. This habitat type is characterized by non-native upland grass and forb species such as fennel (*Foeniculum vulgare*), wild oats (*Avena fatua*), common vetch (*Vicia sativa*), Bermuda grass (*Cynodon dactylon*), pampas grass (*Cortaderia selloana*), and Italian thistle *(Carduus pycnocephalus*) (Photo A). There is very low cover of any native species in this grassland type. In a few locations, the ruderal grassland habitat type also includes individual trees. A few Monterey pines (*Pinus radiata*) were observed near the center portion of the project site. Other shrubs occurring scattered through the site include French broom (*Genista monspessulana*), as well as a single patch of Himalayan blackberry (*Rubus armeniacus*) in the southwestern portion of the site. The ruderal grassland habitat did not appear to be regularly mowed or maintained (prior to SPHERE taking over management), however, this habitat is degraded by trash deposition and encampments of unhoused people, and in the summer of 2020 a fire on-site burned about half of the ruderal grassland habitat before being extinguished.

Photo A. Ruderal Grassland Dominated by Non-Native Annual Species in the Center of the Project Site

4.2.1.2 Wildlife

Grasslands lack the structural diversity necessary to support a high diversity of wildlife species, but these habitats can be used as foraging, burrowing, and nesting locations by some species. While the extent of grassland within the study area is too limited to support many bird species associated with extensive grasslands, red-winged blackbirds (*Agelaius phoeniceus*) breed in dense grassland habitats, and over 50 birds and a small number of fledglings were observed during earlier site visits during the breeding season. Birds observed foraging in or otherwise occupying the grasslands within the study area during the reconnaissance survey included mourning

doves (*Zenaida macroura*), California towhees (*Melozone crissalis*), and house finches (*Haemorhous mexicanus*). Small mammals can often be abundant in ruderal grasslands, and several small mammal runways (clear pathways in the grass), were scattered throughout the grassland. Additionally, two small burrows were observed along the north and east perimeters of the site. The runways and burrows appeared to be that of the California ground squirrel (*Spermophilus beecheyi*), but no individuals of this species were observed during the reconnaissance survey. Although the grassland area supports an abundance of weedy plant species, native insects frequently forage on both native and non-native flowering plants in ruderal grasslands, and yellow-faced bumble bees (*Bombus vosnesenskii*), solitary bees, and western tiger swallowtail butterflies (*Papilio rutulus*) were observed foraging among the blackberry, gumweed (*Grindelia camporum*), and fennel during the reconnaissance survey.

4.2.2 Developed/Landscaped

4.2.2.1 Vegetation

Photo B. Developed Habitat in the Western Portion of the Project Site

The developed/landscaped habitat type (3.04 acres) was mapped in the areas surrounding the ruderal grassland habitat. This land cover type includes the areas of existing pavement and/or gravel, occurring outside of the fenced-off main portion of the property, as well as the hedgerow of ornamental trees planted around the perimeter of the project site (Photo B). The paved and/or gravel areas are largely devoid of vegetation and include only the occasional landscaped ornamental tree or shrub, or ruderal grass or herbaceous species such as those listed above. The ornamental plantings of non-native trees and shrubs along the southern perimeter consists of Monterey cypress, Blackwood acacia (*Acacia melanoxylon*), Ngaio (*Myoporum laetum*), and spider gum (*Eucalyptus conferruminata*).

4.2.2.2 Wildlife

Pavement and gravel areas that are devoid of vegetation do not provide high-quality wildlife habitat; however, lizards, such as the western fence lizard (*Sceloporus occidentalis*), may bask on these surfaces and a wide variety of wildlife cross or move along the road and trails en route to other habitats. Other wildlife most often associated with developed/landscaped areas are those that are tolerant of periodic human disturbances, including introduced species such as the European starling (*Sturnus vulgaris*), rock pigeon (*Columba livia*), house mouse (*Mus musculus*), Norway rat (*Rattus norvegicus*), and black rat (*Rattus rattus*). Numerous common, native species are also able to utilize these habitats for nesting and roosting, especially around the ornamental trees. These include a variety of birds, such as the American crow (*Corvus brachyrhynchos*), Anna's hummingbird (*Calypte anna*), Bewick's wren (*Thryomanes bewickii*), dark-eyed juncos (*Junco hyemalis*), and California scrub-jay (*Aphelocoma californica*), all of which were observed on the project site during the reconnaissance survey. Killdeer (*Charadrius*

vociferus) also frequently occur in developed habitats and may nest on gravel areas on the north and south sides of the project site, although they would be less likely to do so along the east pathway that is subject to frequent pedestrian foot traffic. An examination of trees on the project site failed to find any large cavities that might provide suitable bat roosting habitat. Therefore, large roosting or maternity colonies of bats are not expected to occur on the project site. Similarly, a focused survey of trees around the project site detected no evidence (i.e., old nests) of raptors having previously nested on the site. Native striped skunk (*Mephitis mephitis*) sometimes occupy developed or ruderal habitats near the Bay and may occur on site, based on the presence of one potential burrow.

4.2.3 Seasonal Wetland

4.2.3.1 Vegetation

Seasonal wetland habitat occurs in shallow depressions spread across the study area from the northwest corner to the southeast corner, but primarily occurring in the north-central portion of the site. These depressions range in size from 10 square feet to over 5600 square feet (0.13 acre) for a total of 0.40 acres (Photo C). Because the entire project site was former fill on bay mudflats, the depressions are likely the result of differential settlement of that fill, as well as subsequent movement of soils on the site, resulting in man-made depressions.

Photo C. Seasonal Wetland in a Shallow Depression in the Center of the Project Site

The hydrology supporting the seasonal wetlands is periodic, brief inundation in winter months following precipitation events. The wetlands primarily support non-native or invasive plant species such as Mediterranean barley (*Hordeum marinum* ssp. *gussoneanum*), Italian rye grass (*Festuca perennis*), Buckhorn plantain (*Plantago coronopus*), bristly ox-tongue (*Helminthotheca echioides*), and curly dock (*Rumex crispus*). Upland species, mainly fennel and wild oats, mark a clear boundary between upland areas and seasonal wetlands. Similar to the ruderal grassland habitat discussed above, all seasonal wetlands on site are impacted to a greater or lesser degree by trash deposition and/or encampments of unhoused people. Overall, the habitat quality of these seasonal wetlands is considered low due to the limited duration of inundation, the lack of connection to a larger watershed, and the dominance of non-native species.

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H. T. HARVEY & ASSOCIATES
Ecological Consultants

Figure 3. Biotic Habitat Map
Bay Rise Park – Biological Resources Report (4113-02)
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4.2.3.2 Wildlife

Seasonal wetlands can provide habitat for a unique array of special-status and common wildlife species that rely specifically on the particular features they provide. However, the seasonal wetlands in the study area provide only marginal habitat for wetland-associated wildlife species due to their highly disturbed nature, limited extent, and limited depth and duration of ponding, if these wetlands support ponding at all. Thus, wildlife diversity is expected to be low. No amphibians are expected to use these wetlands, both because they do not provide suitable breeding habitat and because the site is isolated by salt water and intensive development from potential source populations of amphibians. These wetlands do not pond deep or long enough to provide suitable habitat for waterbirds, such as ducks or shorebirds, and no individuals of those species have been observed using seasonal wetlands on the project site during site surveys. When this habitat is dry, it is functionally similar to the adjacent ruderal grasslands from the perspective of wildlife use. Thus, many of the same bird species, small mammals, and pollinators described in the developed/landscaped and ruderal annual grassland habitats above may forage in the seasonal wetlands, such as the dark-eyed junco, California towhee, California ground squirrel, and bumble bees.

4.2.4 Open Water and Intertidal Habitat (San Francisco Bay and Sanchez Creek)

4.2.4.1 Vegetation

Photo D. Open Water Habitat along the North Edge of the Project Site

Open water habitat occurs within the project site bayward of the existing concrete rubble shoreline protection and in Sanchez Creek (Photo D). The northern edge of the site borders the tidal waters of San Francisco Bay while the eastern boundary consists of Sanchez Creek, a tidal channel that is connected to a tidal lagoon located to the south and southwest of the project site. The boundaries of the open water habitat as shown on Figure 3 were identified as the limits of the HTL; this line was identified in the field based on the observation of a watermark and wracking along the levee forming the edge of the Bay shoreline and Sanchez Creek, but roughly corresponds with a tidal elevation of 8.4 feet NAVD88. The existing concrete rubble shoreline protection along both the Bay edge and Sanchez Creek slopes steeply to an elevation of approximately 2 feet NAVD 88 at which point a shallow, mostly subtidal mudflat begins and gently slopes to the north. This mudflat along the edge of the existing shoreline is only exposed at the lowest daily tides a few times a month, for example when the daily low tide drops below 1.5 feet NAVD88 during the full and new moon cycles (i.e., spring tides). Along the Sanchez Creek, the bank is steeper and the channel more entrenched, such that mudflats in this area are less frequently exposed.

In the San Francisco Bay, rocky substrates in the intertidal zone are characterized as areas supporting natural rock, boulders, and bedrock, but also include manmade structures such as seawalls, piers, and riprap (Subtidal Goals Project 2010). Like natural rocky intertidal habitats, concrete debris shorelines along the intertidal zone can be subjected to daily tidal fluctuations, and because they provide similar structure as natural rocky habitats, they are functionally similar as well. Though artificial substrates in the intertidal zone tend to support less diverse plant communities compared to natural rocky shorelines, they can support a variety of species, such as algae and kelp that are adapted to tidal disturbance and fluctuations in moisture, temperature, and salinity. The existing concrete shoreline on the site was moderately covered in mats of brown, green, and red macro algae, including native rockweed (*Fucus distichus*), *Ulva* spp., and *Mastocarpus* spp.

4.2.4.2 Wildlife

Open Water—Open waters surrounding the project site support a variety of fish, waterbirds, and marine mammals. Fish that may occur as occasional foragers in open waters of the San Francisco Bay and Sanchez Creek, include bat ray (*Myliobatis californica*), Pacific herring, threespine stickleback (*Gasterosteus aculeatus*), and starry flounder. The Central California Coast steelhead and Central Valley fall-run Chinook salmon may occur as infrequent migrants foraging in these waters. Northern anchovy and topsmelt (*Atherinops affinis*) are also uncommon visitors that may infrequently forage in the area. A variety of non-breeding resident and winter visitor waterbirds that frequently forage for fish and marine invertebrates in bay waters adjacent to the project site, and in Sanchez Creek, include surf scoter (*Melanitta perspicillata*), western gull (*Larus occidentalis*), Caspian tern (*Hydroprogne caspia*), bufflehead (*Bucephala albeola*), mallard (*Anas platyrhynchos*), and Clark's grebe (*Aechmophorus clarkii*), the latter of which was observed during the reconnaissance survey. Though no haulout sites for marine mammals are known in the project vicinity, harbor seals and California sea lions occasionally forage in Bay waters near the site.

Intertidal Rocky Shoreline—Artificial substrates like riprap and concrete debris, in the intertidal zone, support a variety of animals that can hold onto the substrate such as mussels, clams, anemones, and oysters (Subtidal Goals Project 2010). Low densities of bivalve mollusks were observed along the concrete shoreline and primarily include native Olympia oysters (*Ostrea lurida*) and mussels (*Mytilus* spp.). The majority of observed mussels were attached to concrete debris substrate, with lower densities observed as deposited shells. In contrast, the majority of Olympia oysters were observed as deposited shells. High densities of barnacles (*Chthamalus* spp.) were also observed attached to the majority of the concrete shoreline during the reconnaissance site visit. Other species such as crabs and fishes may also live on and under the substrate. Pacific herring found in open waters of the Bay spawn in the intertidal and subtidal zone and have potential to spawn on the riprap shoreline on the project site. Waterbirds such as black oystercatcher (*Haematopus bachmani*), surfbird (*Aphriza virgata*), and ruddy turnstone (*Arenaria interpres*) may be occasional visitors, and forage on invertebrates on this shoreline habitat, but they are not expected to breed here.

Intertidal Mudflat—Mudflats are an important habitat because they support a vast array of crustaceans, worms, and other invertebrates that are important food sources for resident and migratory shorebirds. Shorebirds such as the western sandpiper (*Calidris mauri*), least sandpiper (*Calidris minutilla*), dunlin (*Calidris*

alpina), marbled godwit (*Limosa fedora*), short-billed dowitcher (*Limnodromus griseus*), and black-bellied plover (*Pluvialis squatarola*) may occasionally forage on these mudflats when they are exposed. Such shorebirds are most abundant during fall and spring migration and during the winter non-breeding season. Due to the limited extent of mudflat habitat immediately adjacent to the project site, few shorebirds are attracted to the site under existing conditions, but one greater yellowlegs (*Tringa melanoleuca*) was observed during the reconnaissance site visit.

4.3 Nonnative and Invasive Plant Species

As noted above, a majority of the species observed throughout the ruderal grassland and within the seasonal wetlands on the project site are nonnative plant species and many are listed as invasive species by the California Invasive Plant Council (Cal-IPC) (2021). The following categorizes the subset of nonnative plant species that occur onsite that are rated by the Cal-IPC as limited, moderate, or highly invasive.

Bristly ox-tongue, wild radish (*Raphanus sativus*), blackwood acacia, California burclover (*Medicago polymorpha*), rose clover (*Trifolium hirtum*), olive tree (*Olea europaea*), ribwort plantain (*Plantago lanceolata*), Rabbitsfoot grass (*Polypogon monspeliensis*), smilo grass (*Stipa miliacea*), and curly dock are rated as "Limited" by the Cal-IPC (2021). Fennel, Italian thistle, stinkwort (*Dittrichia graveolens*), slender oat (*Avena barbata*), wild oats, ripgut brome (*Bromus diandrus*), Bermuda grass, Italian rye grass, foxtail barley (*Hordeum murinum*), Harding grass (*Phalaris aquatica*), and Ngaio also occur on the project site and are rated as moderately invasive; thus they can cause substantial ecological impacts on physical processes, plant and animal communities, and vegetation structure (Cal-IPC 2021). Broadleaved pepperweed (*Lepidium latifolium*), Scotch broom (*Cytisus scoparius*), French broom, pampasgrass, and Himalayan blackberry are rated as highly invasive by Cal-IPC and thus may also potentially cause significant ecological impacts (Cal-IPC 2021).

Section 5.0 Special-Status Species and Sensitive Habitats

CEQA requires assessment of the effects of a project on species that are protected by state, federal, or local governments as "threatened, rare, or endangered"; such species are typically described as "special-status species." For the purpose of the environmental review of the project, special-status species have been defined as described below. Impacts on these species are regulated by some of the federal, state, and local laws and ordinances described in Section 3.0 above.

For purposes of this analysis, "special-status" plants are considered plant species that are:

- Listed under FESA as threatened, endangered, proposed threatened, proposed endangered, or a candidate species.
- Listed under CESA as threatened, endangered, rare, or a candidate species.
- Listed by CNPS as CRPR 1A, 1B, 2, 3, or 4.

For purposes of this analysis, "special-status" animals are considered animal species that are:

- Listed under FESA as threatened, endangered, proposed threatened, proposed endangered, or a candidate species.
- Listed under CESA as threatened, endangered, or a candidate threatened or endangered species.
- Designated by CDFW as a California species of special concern.
- Listed in the CFGC as fully protected species (fully protected birds are provided in Section 3511, mammals in Section 4700, reptiles and amphibians in Section 5050, and fish in Section 5515).

Information concerning threatened, endangered, and other special-status species that potentially occur on the project site was collected from several sources and reviewed by H. T. Harvey & Associates biologists as described in Section 2.1 above. Figure 4 depicts CNDDB records of special-status plant species in the general vicinity of the project site and Figure 5 depicts CNDDB records of special-status animal species. These generalized maps show areas where special-status species are known to occur or have occurred historically.

5.1 Special-Status Plant Species

CNPS (2024) and CNDDB (2023) identify 99 special-status plant species as potentially occurring in at least one of the nine USGS quadrangles containing or surrounding the project site for CRPR 1 - 4 species. All 99 of those potentially occurring special-status plant species were determined to be absent from the project site for at least one of the following reasons: (1) lack of suitable habitat types; (2) absence of specific microhabitat or edaphic requirements, such as serpentine soils; (3) the elevation range of the species is outside of the range on

the project site; and/or (4) the species is considered extirpated. As described in Section 4.1 above, the entirety of the project site consists of fill placement on former Bay habitats, so the habitats present on-site represent recently created, novel habitats. Given the degree of development surrounding the site there would not have been opportunities for special-status plants to colonize the site. The existing shoreline within the project site is not considered suitable habitat, as it is comprised of riprap along a levee, with no substrate suitable for the growth of special status plants. The seasonal wetlands on-site are dominated by nonnative, invasive species, and subject to frequent disturbance which further diminishes their suitability as habitat for special-status plant species. Therefore, due to the fact that the entire project site is located on non-native fill, in combination with the level of disturbance on and surrounding the project site and the lack of any habitat dominated by native species, special-status plant species were determined to be absent on-site. Table 3 below describes the rationale for excluding species with CNDDB (2024) records occurring within 5 miles of the project site in additional detail.

5.2 Special-Status Animal Species

The legal status and likelihood of occurrence on the project site of special-status animal species known to occur, or potentially occurring, in the project region are presented in Table 4. Most of the special-status species listed in Table 4 are not expected to occur on the project site because it lacks suitable habitat, is outside the known range of the species, and/or is isolated from the nearest known extant populations by development or otherwise unsuitable habitat. Animal species not expected to occur on the project site for these reasons include the Bay checkerspot butterfly (*Euphydryas editha bayensis*), mission blue butterfly (*Icaricia icarioides missionensis*), San Bruno elfin butterfly (*Callophrys mossii bayensis*), Callippe silverspot butterfly (*Speyeria callippe callippe*), Myrtle's silverspot butterfly (*Speyeria zerene myrtleae*), western bumble bee (*Bombus occidentalis occidentalis*), Crotch bumble bee (*Bombus crotchii*), California red-legged frog (*Rana draytonii*), San Francisco garter snake (*Thamnophis sirtalis tetrataenia*), western snowy plover (*Charadrius alexandrinus nivosus*), California Ridgway's rail (*Rallus obsoletus obsoletus*), California black rail (*Laterallus jamaicensis coturniculus*), salt marsh harvest mouse (*Reithrodontomys raviventris*), long-eared owl (*Asio otsu*), pallid bat (*Antrozous pallidus*), Townsend's big-eared bat (*Corynorhinus townsendii*), San Francisco dusky-footed woodrat (*Neotoma fuscipes annectens*), salt marsh wandering shrew (*Sorex vagrans halicoetes*), and northwestern pond turtle (*Emys pallida*).

A number of special-status bird species can occasionally occur on the project site as nonbreeding foragers (i.e., they do not nest on the project site). These are the California least tern (*Sternula antillarum browni*), tricolored blackbird (*Agelaius tricolor*), northern harrier (*Circus cyaneus*), burrowing owl, Vaux's swift (*Chaetura vauxi*), olive-sided flycatcher (*Contopus cooperi*), San Francisco common yellowthroat (*Geothlypis trichas sinuosa*), yellow warbler (*Setophaga petechia*), Alameda song sparrow (*Melospiza melodia pusillula*), Bryant's savannah sparrow (*Passerculus sandwichensis alaudinus*), western red bat (*Lasiurus blossevillii*), and white-tailed kite (*Elanus leucurus*). None of these species are expected to occur regularly or in large numbers on the site, though.

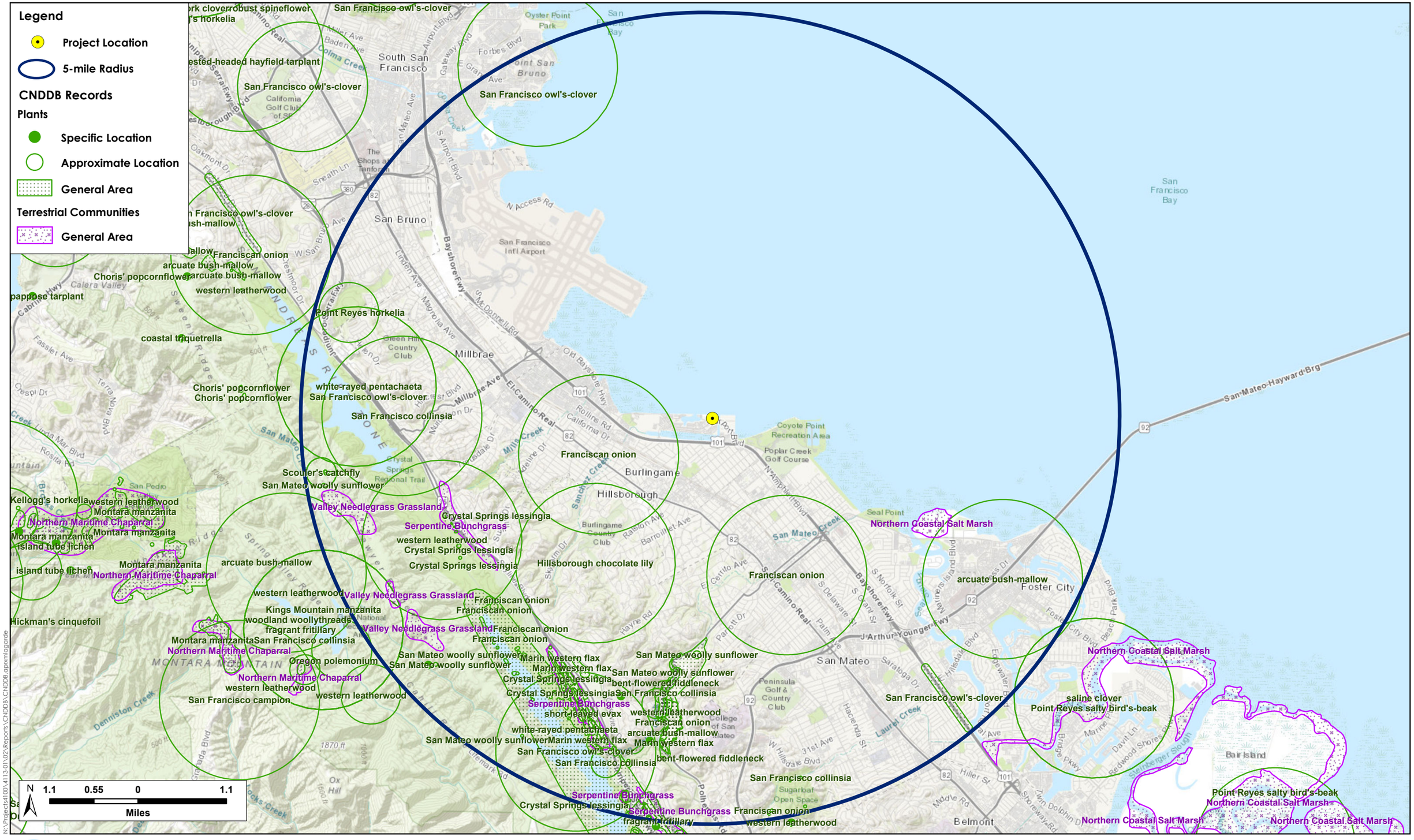

Figure 4. California Natural Diversity Database Mapped Records of Special-Status Plants

Bay Rise Park – Biological Resources Report (4113-02)
December 2024

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H. T. HARVEY & ASSOCIATES
Ecological Consultants

Figure 5. California Natural Diversity Database Mapped Records of Special-Status Animals

Bay Rise Park – Biological Resources Report (4113-02)
December 2024

Table 3. Special-Status Plant Species, Their Status, and Potential Occurrence on the Project Site

Name	Status[1]	Habitat	Potential for Occurrence on the Project site
Federal or State Endangered, Threatened, or Candidate Species			
Acanthomintha duttonii San Mateo thorn-mint	1B.1, SE, FE	Chaparral, valley and foothill grassland. Microhabitat: Serpentine	Absent. No suitable chaparral habitat, valley and foothill grassland, or serpentine soils are present on the project site. Additionally, this species was not observed during the April 2021 or May 2020 surveys. Thus, this species is determined to be absent.
Cirsium fontinale var. *fontinale* fountain thistle	1B.1, SE, FE	Chaparral (openings), cismontane woodland, meadows and seeps, and valley and foothill grassland. Microhabitat: Seeps, Serpentine	Absent. No suitable chaparral habitat, cismontane woodland, meadows and seeps, valley and foothill grassland, or serpentine soils are present on the project site. Additionally, this species was not observed during the April 2021 or May 2020 surveys. Thus, this species is determined to be absent.
Eriophyllum latilobum San Mateo woolly sunflower	1B.1, SE, FE	Cismontane woodland (often serpentinite, roadcuts), coastal scrub, and lower montane coniferous forest	Absent. No suitable cismontane woodland, coastal scrub, or lower montane coniferous forest is present on the project site. Additionally, this species was not observed during the May 2020 surveys. Thus, this species is determined to be absent.
Hesperolinon congestum Marin western flax	1B.1, ST, FT	Chaparral, valley and foothill grassland. Microhabitat: Serpentine	Absent. No suitable chaparral habitat, valley and foothill grassland, or serpentine soils are present on the project site. Additionally, this species was not observed during the April 2021 or May 2020 surveys. Thus, this species is determined to be absent.
Pentachaeta bellidiflora white-rayed pentachaeta	1B.1, SE, FE	Cismontane woodland, and valley and foothill grassland (often serpentinite)	Absent. No suitable cismontane woodland, valley and foothill grassland, or serpentine soils are present on the project site. Additionally, this species was not observed during the April 2021 or May 2020 surveys. Thus, this species is determined to be absent.
California Rare Plants			
Allium peninsulare var. *franciscanum* Franciscan onion	1B.2	Cismontane woodland, and valley and foothill grassland. Microhabitat: Clay, Serpentine (often), Volcanic	Absent. No suitable cismontane woodland, valley and foothill grassland, or serpentine or volcanic soils are present on the project site. The soil is comprised of fill material at the project site. Additionally, this species was not observed during the April 2021 or May 2020 surveys. Thus, this species is determined to be absent.
Amsinckia lunaris bent-flowered fiddleneck	1B.2	Cismontane woodland, coastal bluff scrub, valley and foothill grassland	Absent. No suitable cismontane woodland, coastal bluff scrub, or valley and foothill grassland are present on the project site. Additionally, this species was not observed during the April 2021 or May 2020 surveys. Thus, this species is determined to be absent.

Name	Status[1]	Habitat	Potential for Occurrence on the Project site
Astragalus pycnostachyus var. *pycnostachyus* coastal marsh milk-vetch	1B.2	Coastal dunes (mesic), coastal scrub, and marshes and swamps (coastal salt, stream sides)	Absent. No suitable coastal dune habitat or coastal scrub is present on the project site. There are small seasonal wetlands on-site, however, they contain non-native, invasive species and are subject to frequent disturbance. This species was not observed during the April 2021 or May 2020 surveys. Thus, this species is determined to be absent.
Chloropyron maritimum ssp. *palustre* Point Reyes salty bird's-beak	1B.2	Marshes and swamps (coastal salt)	Absent. There is no suitable coastal salt marsh or swamp habitat present on the project site. Additionally, this species was not observed during the May 2020 surveys. Thus, this species is determined to be absent.
Collinsia multicolor San Francisco collinsia	1B.2	Closed-cone coniferous forest, coastal scrub. Microhabitat: Serpentine (sometimes)	Absent. No suitable closed-cone coniferous forest, coastal scrub, or serpentine soils are present on the project site. Additionally, this species was not observed during the April 2021 or May 2020 surveys. Thus, this species is determined to be absent.
Dirca occidentalis western leatherwood	1B.2	Broadleafed upland forest, chaparral, cismontane woodland, closed-cone coniferous forest, north coast coniferous forest, riparian forest, and riparian woodland. Microhabitat: Mesic	Absent. Although the project site contains mesic areas, there are no broadleafed upland forest, chaparral, cismontane woodland, closed-cone coniferous forest, north coast coniferous forest, riparian forest, or riparian woodland habitats present on the project site. Additionally, this species was not observed during any surveys. Thus, this species is determined to be absent.
Fritillaria biflora var. *ineziana* Hillsborough chocolate lily	1B.1	Cismontane woodland, and valley and foothill grassland. Microhabitat: Serpentine	Absent. No suitable cismontane woodland, valley and foothill grassland habitat, or serpentine soils are present on the project site. Additionally, this species was not observed during the April 2021 surveys. Thus, this species is determined to be absent.
Hesperevax sparsiflora var. *brevifolia* short-leaved evax	1B.2	Coastal bluff scrub (sandy), coastal dunes, and coastal prairie	Absent. No suitable coastal bluff scrub, coastal dunes, or coastal prairie habitats are present on the project site. Additionally, this species was not observed during the April 2021 or May 2020 surveys. Thus, this species is determined to be absent.
Lessingia arachnoidea Crystal Springs lessingia	1B.2	Cismontane woodland, coastal scrub, valley and foothill grassland. roadsides (often) Microhabitat: Serpentine	Absent. No suitable cismontane woodland, coastal scrub, valley and foothill grassland, or serpentine soils are present on the project site. Thus, this species is determined to be absent.
Malacothamnus arcuatus var. *arcuatus*	1B.2	Chaparral and cismontane woodland	Absent. No suitable chaparral or cismontane woodland habitats are present on the project site. Additionally, this species was not

Name	Status[1]	Habitat	Potential for Occurrence on the Project site
arcuate bushmallow			observed during the April 2021 or May 2020 surveys. Thus, this species is determined to be absent.
Monolopia gracilens woodland woollythreads	1B.2	Broadleafed upland forest (openings), chaparral (openings), cismontane woodland, North Coast coniferous forest (openings), and valley and foothill grassland. Microhabitat: Serpentine	Absent. No suitable broadleafed upland forest, chaparral, cismontane woodland, North Coast coniferous forest, valley and foothill grassland, or serpentine soils are present on the project site. Additionally, this species was not observed during the April 2021 or May 2020 surveys. Thus, this species is determined to be absent.
Plagiobothrys chorisianus var. *chorisianus* Choris' popcornflower	1B.2	Chaparral, coastal prairie, and coastal scrub. Microhabitat: Mesic	Absent. Although there are mesic areas, there is no suitable chaparral, coastal prairie, or coastal scrub habitat present on the project site. Additionally, this species was not observed during the April 2021 or May 2020 surveys. Thus, this species is determined to be absent.
Senecio aphanactis chaparral ragwort	2B.2	Chaparral, cismontane woodland, and coastal scrub. Microhabitat: Alkaline (sometimes)	Absent. No suitable chaparral, cismontane woodland, coastal scrub habitats, or alkaline soils are present on the project site. Additionally, this species was not observed during any surveys. Thus, this species is determined to be absent.
Trifolium hydrophilum saline clover	1B.2	Marshes and swamps, valley and foothill grassland (mesic, alkaline), and vernal pools	Absent. Although there are mesic areas, there is no suitable marshes and swamps, valley and foothill grassland, or vernal pools are present on the project site. Additionally, this species was not observed during the April 2021 or May 2020 surveys. Thus, this species is determined to be absent.
Triphysaria floribunda San Francisco owl's-clover	1B.2	Coastal prairie, coastal scrub, valley and foothill grassland. Microhabitat: Serpentine (usually)	Absent. No suitable coastal prairie, coastal scrub, valley and foothill grassland, or serpentine soils are present on the project site. Additionally, this species was not observed during the April 2021 or May 2020 surveys. Thus, this species is determined to be absent.

[1] Special-Status Species Code Designations:

FE = Federally listed Endangered

FT = Federally listed Threatened

SE = State listed Endangered

ST = State listed Threatened

1B= Rare or Endangered — Plants rare, threatened, or endangered in California and elsewhere.

2B= Rare or Endangered in California — Plants rare, threatened, or endangered in California but common elsewhere.

.1= Seriously threatened in California — Over 80% of occurrences threatened/high degree and immediacy of threat.

.2= Moderately threatened in California — 20-80% of occurrences threatened/moderate degree and immediacy of threat.

Table 4. Special-Status Animal Species, Their Status, and Potential Occurrence on the Project Site

Name	Status[1]	Habitat	Potential for Occurrence on the Project Site
Federal or State Endangered, Threatened, or Candidate Species			
Bay checkerspot butterfly (*Euphydryas editha bayensis*)	FT	Restricted to areas with shallow serpentine-derived or similar soils that have substantial populations of dwarf plantain, a primary larval host plant, and purple owl's clover, a secondary larval and adult host plant.	Absent. No suitable serpentine grassland habitat or larval host plants are present on the project site. Thus, this species is determined to be absent.
Mission blue butterfly (*Icaricia icarioides missionensis*)	FE	Coastal chaparral and coastal grasslands. Larval host plants are *Lupinus* spp.	Absent. The closest known population is located at San Bruno Mountain approximately 6.5 miles north of the project site (CNDDB 2023). No suitable chaparral or grassland habitat is present on or near the project site. Thus, this species is determined to be absent.
San Bruno elfin butterfly (*Callophrys mossii bayensis*)	FE	Coastal mountains near San Francisco Bay in the fog-belt of steep, north-facing slopes. Lives near abundant growth of broadleaf stonecrop (*Sedum spathulifolium*), its larval host plant that grows on rocky outcrops on steep north facing slopes.	Absent. All known San Bruno elfin butterfly populations are restricted to San Bruno Mountain, Milagra Ridge, the San Francisco Peninsula Watershed, and Montara Mountain. No suitable habitat or the larval host plant is present on the project site. Determine to be absent.
Callippe silverspot butterfly (*Speyeria callippe callippe*)	FE	Grasslands of the northern San Francisco Bay region. Larval host plant is *Viola pedunculata*.	Absent. Callippe silverspot butterfly populations in the project vicinity are only known to occur on San Bruno Mountain, Milagra Ridge, the San Francisco Peninsula Watershed, and Montara Mountain. No suitable habitat or the larval host plant is present on the project site. Determine to be absent.
Myrtle's silverspot butterfly (*Speyeria zerene myrtleae*)	FE	Coastal dune and prairie habitat. Larval host plants are violets, typically Viola adunca.	Absent. Although the historical distribution of this species included San Mateo County, its current extant range is believed to be restricted to the region within or near the Point Reyes National Seashore (USFWS 1998). Additionally, no suitable habitat or the larval host plant are present on the project site. Determined to be absent.
Monarch butterfly (*Danaus plexippus*)	FC	Adults forage on a wide variety of flowers for nectar and occur in a variety of habitats, but egg-laying and larval development occurs on milkweeds, which are	Absent as Breeder. The closest documented overwintering sites are located along the western coastline in San Mateo County and across the San Francisco Bay in Alameda County, approximately 10 miles west and east of the site. However, only two overwintering sites in San Mateo County have been reported to be active with very low

Name	Status[1]	Habitat	Potential for Occurrence on the Project Site
		more limited in distribution. Typically roosts on the branches and leaves of trees which receive appropriate sun exposure and thermal buffering.	numbers as of 2020, and similar low numbers were reported at the Alameda County site (Xerces Society 2020). Ostensibly suitable roosting and foraging habitat for migrants is present within the trees along the southern border and throughout the ruderal grassland. One Individual was incidentally observed at CuriOdyssey in 2017 (Rios 2017), approximately 1 mile east of the project site. No milkweed has been observed on the project site, so this species is not expected to breed here. Individuals may occur on the project site as occasional migrants, but this species is not expected to form large roosts or to breed on the site.
Western bumble bee (*Bombus occidentalis*)	SC	Meadows and grasslands with abundant floral resources.	Absent. Although the species was historically found throughout much of central and northern California (CDFW 2019b), including the project vicinity, it is not expected to occur on the site due to recent range contractions. Further, this species has not been observed in the project vicinity since the 1960s (CNDDB 2023). Determined to be absent.
Crotch bumble bee (*Bombus crotchii*)	SC	Grasslands and shrublands with abundant floral resources, undisturbed nesting and overwintering sites.	Absent. Although the species was historically found throughout much of central California and portions of northern California (CDFW 2019b), including the project vicinity, it is not expected to occur on the site due to recent range contractions. Further, this species has not been observed in the project vicinity since 1909 (CNDDB 2023). Determined to be absent.
Central California coast steelhead (*Oncorhynchus mykiss*)	FT	Cool streams with suitable spawning habitat and conditions allowing migration between spawning and marine habitats.	May be Present. Central California Coast steelhead occur in the San Francisco Bay and are known to spawn in the San Mateo Creek watershed (Spence et al. 2008, Becker and Reining 2008), and adults and yearling juveniles may be present as occasional foragers in adjacent open waters of the San Francisco Bay and Sanchez Creek. Nearest critical habitat occurs in the tributaries draining into southern South San Francisco Bay; critical habitat does not occur in the action area. This species may occasionally forage within the aquatic portions of the project site, especially during migration between marine foraging areas and freshwater spawning areas, albeit infrequently and in low numbers given the shallow nature of aquatic habitats within the study area.
Green sturgeon (*Acipenser medirostris*)	FT, CSSC	Spawns in large river systems such as the Sacramento River; forages in nearshore oceanic waters, bays, and estuaries.	May be Present. Green sturgeon occur in the San Francisco Bay between the spring and fall (Kelly et al. 2007). All tidally influenced areas of the Bay, up to the elevation of mean higher high water, have been designated as critical habitat for this species. Spawning of this southern distinct population segment occurs predominantly in the upper Sacramento River (Adams et al. 2007). Green sturgeon have

Name	Status[1]	Habitat	Potential for Occurrence on the Project Site
			been captured in the central portion of the Bay north of the San Mateo Bridge (Hieb pers. comm. 2012) in the vicinity of the project site, and may forage infrequently, and in low numbers, in the San Francisco Bay waters and Sanchez Creek adjacent to the project site. This species may occasionally forage within the aquatic portions of the project site, albeit infrequently and in low numbers given the shallow nature of aquatic habitats within the study area.
White sturgeon (*Acipenser transmontanus*)	SC, CSSC		May be Present. White sturgeon occur in the San Francisco Bay year-round. Upstream migration to spawning locations in the Sacramento and San Joaquin rivers occurs in early winter and adults return to the lower estuary in mid- to late-spring (Jackson et al. 2016, Miller et al. 2020). Although more abundant in Suisun and San Pablo Bays and the West Delta, white sturgeon have also been captured in south San Francisco Bay (Leidy 2007), and in the deep water channel adjacent to the project site (IEP 2022). This species tends to congregate in deep areas with fine-sediment substrate and is thought to move into shallow subtidal habitats to feed during high tides (Moyle 2002). White sturgeon may occasionally forage within the aquatic portions of the project site, although likely in low numbers given the relatively low catch rates in South San Francisco Bay (IEP 2022).
Longfin smelt (*Spirinchus thaleichthys*) – San Francisco Bay-Delta DPS	FE, ST	Spawns in fresh water in the upper end of the San Francisco Bay and the southern portion of the South San Francisco Bay; may occur year-round in the South Bay.	May be Present. Longfin smelt occur in the San Francisco Bay, and adults and juveniles may be present as occasional foragers in the open bay waters and Sanchez Creek, adjacent to the project site. However, these open waters do not provide suitable spawning or early (brackish) rearing habitat for this species, and it is likely that longfin smelt only occur in small numbers.
California red-legged frog (*Rana draytonii*)	FT, CSSC	Streams, freshwater pools, and ponds with emergent or overhanging vegetation. May use the undersides of old boards and other debris to rest or aestivate within riparian areas.	Absent. California red-legged frogs are known to occur approximately 4 miles north of the site in wetland habitat near the San Francisco Airport (CNDDB 2023). However, no suitable aquatic breeding or dispersal habitat is present on or surrounding the project site. Furthermore, the project site is well beyond the known dispersal capability (i.e., 2 miles) of red-legged frogs, and high-density commercial and industrial development, roadways, and Highway 101 constitute a barrier to dispersal. Thus, California red-legged frogs are determined to be absent from the project site.
San Francisco garter snake	FE, SE, SP	Prefer densely-vegetated ponds with an open water component near open hillsides where they can sun themselves, feed, and	Absent. The San Francisco garter snake occurs at very few locations in San Mateo County. The only known population of San Francisco garter snakes on the east side of the San Francisco peninsula occurs near the San Francisco International Airport, 4 miles to the northwest. No

Name	Status[1]	Habitat	Potential for Occurrence on the Project Site
(*Thamnophis sirtalis tetrataenia*)		find cover in rodent burrows (Larsen 1994, as cited in USFWS 2007). May also occupy ponds or pools in or next to streams, streams, lakes, and reservoirs. The species prefers a dense cover of vegetation, such as willows (Salix spp.), bulrushes (*Schoenoplectus* spp.), and cattails (*Typha* spp).	suitable habitat for this species is present on the project site, and the site is isolated from the nearest known remaining populations by extensive urbanization. Thus, this species is determined to be absent.
Northwestern pond turtle (*Actinemys marmorata*)	FPT, CSSC	Permanent or nearly permanent water in a variety of habitats with abundant emergent or riparian vegetation. Females lay eggs in upland habitats, in clay or silty soils in unshaded (often south-facing) areas (Jennings and Hayes 1994).	Absent. The closest known occurrence of northwestern pond turtle is located approximately 4.5 miles west of the site at Crystal Springs Reservoir and potentially suitable aquatic habitat is present approximately 1.3 miles east of the project site just south of the Coyote Point Yacht Club. However, no suitable aquatic habitat is present on the project site. Determined to be absent.
Western snowy plover (*Charadrius nivosus nivosus*)	FT, CSSC	Sandy beaches on marine and estuarine shores and salt pannes in San Francisco Bay saline managed ponds.	Absent. No suitable habitat is present on the project site. In the project vicinity, the western snowy plover is restricted to broader coastal beaches and salt panne habitat within former salt ponds. Snowy plovers may occasionally forage along the sandy shoreline of Coyote Point less than one mile east of the project site, but this species is not expected to occur on or close enough to the site to be impacted by the project. Determined to be absent from the project site.
California least tern (*Sternula antillarum browni*)	FE, SE, SP	Nests along the coast on bare or sparsely vegetated, flat substrates. In San Francisco Bay, nests primarily on an old airport runway at the former Alameda Naval Air Station. Forages for fish in open waters.	Absent as Breeder. Least terns are not known or expected to nest on or adjacent to the project site, and this species does not currently nest in the San Mateo County. Least terns forage over open water habitat off the shoreline near Coyote Point less than one mile east of the project site, and likely forage in small numbers in open water adjacent to the project site. However, no suitable nesting habitat is present on the site, and the closest known breeding colony occurs at Alameda Point, over 13 miles north of the project site.
Tricolored blackbird (*Agelaius tricolor*)	ST, CSSC	Nests near fresh water in dense emergent vegetation.	Absent as Breeder. Tricolored blackbirds typically nest in extensive stands of tall emergent herbaceous vegetation in non-tidal freshwater marshes and ponds, which are not present in the study area. This species is not known to nest in tidal habitats along the Bay, and has not been recorded nesting in the project vicinity. However, individuals

Name	Status[1]	Habitat	Potential for Occurrence on the Project Site
			could occasionally forage on site during the nonbreeding season (albeit irregularly and in low numbers).
California Ridgway's rail (*Rallus obsoletus obsoletus*)	FE, SE, SP	Salt marsh habitat dominated by pickleweed and cordgrass.	Absent. The California Ridgway's rail is resident in salt marsh habitat in San Mateo County, particularly where broader areas of well-developed tidal salt marsh are present. The species has been documented in Sanchez Marsh approximately 0.5 mile west of the site, within 3 miles southeast of the project site, and 4.75 miles north of the project site (CNDDB 2023). However, no suitable marsh habitat occurs on or adjacent to the project site. Determined to be absent.
California black rail (*Laterallus jamaicensis coturniculus*)	ST, SP	Breeds in fresh, brackish, and tidal salt marsh.	Absent. Few black rails have been observed in marshes on the east side of the San Francisco peninsula, and most records are from the nonbreeding season (CNDDB 2023, Cornell Lab of Ornithology 2021). The closest suitable nonbreeding habitat is present along the shoreline of the San Francisco International Airport, approximately 2 miles north of the project site; no suitable habitat is present on or adjacent to the site. Determined to be absent.
Burrowing owl (*Athene cunicularia*)	SC, CSSC	Nests and roosts in open grasslands and ruderal habitats with suitable burrows, usually those made by California ground squirrels (*Spermophilus beecheyi*).	Absent as Breeder. Although ostensibly suitable grassland habitat is present on site, only a small number of burrows were observed. Due to the limited amount of burrows, the small size of the site, no suitable nesting, roosting, or foraging habitat (i.e., open grasslands with abundant ground squirrel burrows) is present on the project site. However, occasional migrants may occur on the project site.
Salt marsh harvest mouse (*Reithrodontomys raviventris*)	FE, SE, SP	Diked and tidal wetlands supporting a mix of halophytic vegetation including common pickleweed, alkali heath (*Frankenia salina*), and fat hen (*Atriplex prostrata*).	Absent. The closest occurrences of the salt marsh harvest mouse were in the early 1990s approximately 8 miles south of the project site at Bair Island, and recent live-trapping documented salt marsh harvest mice in small numbers at Faber Marsh, over 14 miles south of the project site (Statham et al. 2021). The closest potential habitat is located in a small patch of wetland habitat approximately 0.5 mile southeast of the site, west of the Peninsula Humane Society, and in a small patch of wetland habitat associated with Sanchez Marsh, approximately 0.5 miles west of the project site. However, despite their proximity to the project site, the salt marsh harvest mouse is not known to occur on the San Francisco Peninsula north of the San Mateo Bridge (CNDDB 2023). Furthermore, no suitable habitat is present on the project site. Determined to be absent.
California Species of Special Concern			

Name	Status[1]	Habitat	Potential for Occurrence on the Project Site
Pacific lamprey (*Entosphenus tridentatus*)	CSSC	Occupies anadromous habitat in large streams entering the San Francisco and San Pablo Bays. Spawns in cool (shaded), clear, slow-moving rivers and streams supporting gravel, silt, and sand substrates (Moyle et al. 2015).	May be Present. In San Mateo County, the Pacific lamprey was historically documented in San Mateo Creek, approximately 2 miles southeast of the project site (Goodman and Reid 2017), but is no longer considered to be present likely due to an impassible barrier (Crystal Springs Dam). In the project vicinity, they are currently known from the Alameda Creek watershed, approximately 12 miles east of the project site (Goodman and Reid 2017). Pacific lamprey adults may infrequently forage in open Bay waters and Sanchez Creek adjacent to the site, but no suitable spawning habitat is present on the project site or immediately adjacent to the project site. May be present in adjacent open water habitat.
Central Valley Fall-Run Chinook Salmon (*Oncorhynchus tshawytscha*)	CSSC	Cool rivers and large streams that reach the ocean and that have shallow, partly shaded pools, riffles, and runs.	May be Present. Central Valley fall-run Chinook salmon occur in the San Francisco Bay, and small numbers of juveniles or fall-run adults may be present as occasional foragers in the open waters and Sanchez Creek adjacent to the project site. However, no suitable spawning habitat for this species is present on or adjacent to the project site. This species may occasionally forage within the aquatic portions of the project site, especially during migration between marine foraging areas and freshwater spawning areas, albeit infrequently and in low numbers given the shallow nature of aquatic habitats within the study area.
Northern harrier (*Circus cyaneus*)	CSSC (nesting)	Nests in marshes and moist fields, forages over large open areas.	Absent as Breeder. May occasionally forage on the site, but no suitable nesting habitat is present on or adjacent to the project site. Determined to be absent.
Long-eared owl (*Asio otus*)	CSSC (nesting)	Frequents dense riparian and live oak thickets near meadow edges, and nearby woodland and forest habitats, but also may be found in dense conifer stands at higher elevations. This species forages over open areas, where it hunts for rodents and small birds. Breeds from valley foothill hardwood up to ponderosa pine habitats from early March to late July.	Absent. This species is not expected to visit or breed on the project site or in the nearby vicinity of the site. Determined to be absent.

Name	Status[1]	Habitat	Potential for Occurrence on the Project Site
Vaux's swift (*Chaetura vauxi*)	CSSC (nesting)	Nests in snags in coastal coniferous forests or, occasionally, in chimneys; forages aerially.	Absent as Breeder. No suitable nesting habitat is present on or in the vicinity of the site. However, this species forages over the site during migration.
Olive-sided flycatcher (*Contopus cooperi*)	CSSC (nesting)	Breeds in mature forests with open canopies, along forest edges in more densely vegetated areas, in recently burned forest habitats, and in selectively harvested landscapes (Altman and Sallabanks 2000, Robertson and Hutto 2007).	Absent as Breeder. No suitable nesting habitat is present on the site or in the vicinity of the site. Occurs as an occasional spring and fall migrant.
San Francisco common yellowthroat (*Geothlypis trichas sinuosa*)	CSSC	Nests in herbaceous vegetation, usually in wetlands or moist floodplains.	Absent as Breeder. No nesting habitat is present on or immediately adjacent to the site. Potential nesting habitat is present in wetland areas at the far western corner of Coyote Point Recreation Area and in Sanchez Marsh approximately 0.30 mile southeast and 0.75 mile west of the project site, respectively. May occur as a scare nonbreeding visitor on the site.
Yellow warbler (*Setophaga petechia*)	CSSC (nesting)	Nests in riparian habitat, especially that dominated by cottonwoods, willows, and sycamores.	Absent as Breeder. No suitable nesting habitat is present on or adjacent to the site. Occurs as a common spring and fall migrant.
Alameda song sparrow (*Melospiza melodia pusillula*)	CSSC	Nests in salt marsh, primarily in marsh gumplant and cordgrass along channels.	Absent as Breeder. No nesting habitat is present on or immediately adjacent to the site. Potential nesting habitat is present in wetland areas at the far western portion of Coyote Point Recreation Area and in Sanchez Marsh approximately 0.30 southeast and 075 mile west of the project site, respectively. May occur as a scare nonbreeding visitor on the site.
Bryant's savannah sparrow (*Passerculus sandwichensis alaudinus*)	CSSC	Nests in pickleweed dominant salt marsh and adjacent ruderal habitat.	Absent as Breeder. Ruderal grassland is present on the site, but it is surrounded by development, and is isolated from salt marsh habitats in the site vicinity, so the species is not expected to breed on or immediately adjacent to the site. May occur as a scare nonbreeding visitor on the site.
Pallid bat (*Antrozous pallidus*)	CSSC	Forages over many habitats; roosts in caves, rock outcrops,	Absent. Historically, pallid bats were likely present in a number of locations throughout the project region, but their populations have declined in recent decades. This species has been extirpated as a

Name	Status[1]	Habitat	Potential for Occurrence on the Project Site
		buildings, and tree crevices or cavities.	breeder from urban areas close to the Bay, and is not expected to occur on the project site. Additionally, no suitable crevice-roosting habitat was observed during the reconnaissance field survey. Determined to be absent.
Townsend's big-eared bat (*Corynorhinus townsendii*)	CSSC	Roosts in caves, mine tunnels, and occasionally in deep crevices in trees such as redwoods or in abandoned buildings, in a variety of habitats.	Absent. No known extant populations of the Townsend's big-eared bat occur in the site vicinity, and no suitable cavernous roosting habitat is present on the project site. Determined to be absent.
Western red bat (*Lasiurus blossevillii*)	CSSC	Roosts in foliage in forest or woodland habitat, especially in or near riparian habitat.	Absent as Breeder. This species may occur as a migrant and winter resident, but does not breed in the Bay Area. Small numbers of bats may occasionally roost within foliage of trees on the project site, but due to the absence of riparian habitat on or in the vicinity of the site, the potential for occurrence is extremely low.
San Francisco dusky-footed woodrat (*Neotoma fuscipes annectens*)	CSSC	Nests in a variety of habitats including riparian areas, oak woodlands, and scrub.	Absent. No woodrat stick nests were observed on the project site. Do to the heavily urbanized nature of the surrounding areas this species does not likely occur on the project site. Determined to be absent.
Salt marsh wandering shrew (*Sorex vagrans halicoetes*)	CSSC	Medium-high marsh 6-8 feet above sea level with abundant driftwood and common pickleweed.	Absent. This species is likely present in broader salt and brackish marshes along the Bay, although its distribution is poorly known. There is a low probability of occurrence in the marsh habitat approximately 2 miles northwest of the site near the San Francisco Airport and 2.75 miles southeast of the site near Mariner's Point. However, there is no suitable habitat on the site. Thus, the species is determined to be absent.
California Fully Protected Species			
White-tailed kite (*Elanus leucurus*)	SP	Nests in tall shrubs and trees, forages in grasslands, marshes, and ruderal habitats.	Absent as Breeder. The white-tailed kite may forage over the ruderal grassland habitat on occasion, but there are no sufficiently extensive open areas on the project site to support breeding.
Other Special-Status Species			
Pacific herring (*Clupea pallasii*)	CEQA	Spawns in sheltered areas of bays, estuaries, and harbors, and sometimes in nearshore coastal waters. May spawn in intertidal or subtidal waters on manmade structures such as pier pilings and riprap (Watters et al. 2004).	May be Present. Potentially suitable spawning habitat is present on existing riprap in the intertidal habitat along the north and east sides of the project site. Pacific herring have been documented on riprap in intertidal areas in the San Francisco Bay (CDFW 2015). The closest known spawning sites are located approximately 1 mile east of the site at Coyote Point and approximately 8 miles north of the project site at Candlestick Point (CDFW 2019a). Therefore, this species could

Name	Status[1]	Habitat	Potential for Occurrence on the Project Site
			potentially spawn on riprap, and forage, within the aquatic/intertidal portions of the project site.
Olympia oyster (*Ostrea lurida*)	CEQA	Attaches to hard substrates such as rocks, and artificial structures in intertidal habitats of the San Francisco Bay. May also occur in subtidal habitats.	May be Present. Potentially suitable habitat exists on the riprap shoreline on the north and east sides of the project site. Known to occur at Oyster Point Marina approximately 1 mile south of the project site (Subtidal Goals Project 2010). No obvious/large occurrences were observed on the project site, but the species could potentially be present.
California sea lion (*Zalophus californianus*)	MMPA	Occurs in shallow waters along the eastern North Pacific Ocean and in portions of the San Francisco Bay. Prefers sandy beaches, rocky shorelines, and floating docks.	May be Present. Does not breed in the Project region, but occurs as a common resident of the San Francisco Bay year-round. Small numbers may forage in adjacent open waters and in Sanchez Creek. However, no pupping sites or suitable haul-out sites are present on or adjacent to the project site.
Pacific harbor seal (*Phoca vitulina richardsi*)	MMPA	Throughout the northern Atlantic and Pacific Oceans along coastal waters, river mouths, and bays.	May be Present. Harbor seals are permanent residents of the San Francisco Bay. Individual harbor seals may occasionally forage in the adjacent open waters and Sanchez Creek. However, no pupping sites or suitable haul-out sites are present on or adjacent to the project site.

[1] Special-Status Species Code Designations:

FE = Federally listed Endangered

FT = Federally listed Threatened

FC = Federal Candidate for listing

FPE = Federally Proposed Endangered

FPT = Federally Proposed Threatened

SE = State listed Endangered

ST = State listed Threatened

SC = State Candidate for listing

CSSC = California Species of Special Concern

SP = State Fully Protected Species

MMPA = Marine Mammal Protection Act

CEQA = Species not currently protected by statute or regulation, but considered rare, threatened, or endangered under Section 15380 of the CEQA Guidelines.

DPS = Distinct Population Segment

No suitable aquatic habitat to support special-status fish and marine mammal species is present in the terrestrial portions of the project site. However, the open waters of the San Francisco Bay and Sanchez Creek immediately adjacent to the site (e.g., within areas where project activities will occur within tidal waters) provide potential foraging habitat for the Central California Coast steelhead, green sturgeon, white sturgeon, longfin smelt, Pacific lamprey (*Entosphenus tridentatus*), Central Valley fall-run Chinook salmon, California sea lion, and Pacific harbor seal.

The monarch butterfly is not known to breed or overwinter on the project site or in the nearby vicinity, but it could occasionally forage in the area and roost on the trees on site during their fall and spring migration. Pacific herring spawn within one mile of the site at Coyote Point and elsewhere in the San Francisco Bay (CDFW 2019a), and potentially suitable spawning habitat is present on concrete debris on the north and east perimeter of the project site. The Olympia oyster (*Ostrea lurida*) occurs throughout the San Francisco Bay, and potentially suitable habitat is present in the concrete debris shoreline habitat on the north and east portions of the site.

5.3 Sensitive Natural Communities, Habitats, and Vegetation Alliances

Natural communities have been considered part of the Natural Heritage Conservation triad, along with plants and animals of conservation significance, since the state inception of the Natural Heritage Program in 1979. CDFW determines the level of rarity and imperilment of vegetation types and tracks sensitive communities in its Rarefind database (CNDDB 2023). Global rankings (G) of natural communities reflect the overall condition (rarity and endangerment) of a habitat throughout its range, whereas state (S) rankings reflect the condition of a habitat within natural communities and are defined using NatureServe's standard heritage program methodology as follows (Faber-Langendoen et al. 2012):

- G1/S1: Critically imperiled
- G2/S2: Imperiled
- G3/S3: Vulnerable
- G4/S4: Apparently secure
- G5/S4: Secure

In addition to tracking sensitive natural communities, CDFW also ranks vegetation alliances, defined by repeating patterns of plants across a landscape that reflect climate, soil, water, disturbance, and other environmental factors (Sawyer et al. 2009). If an alliance is marked G1–G3, all of the vegetation associations within it will also be of high priority (CDFW 2021). CDFW provides VegCAMP's currently accepted list of vegetation alliances and associations (CDFW 2021). Impacts on CDFW sensitive natural communities, vegetation alliances/associations, or any such community identified in local or regional plans, policies, and regulations, must be considered and evaluated under CEQA (Title 14, Division 6, Chapter 3, Appendix G of the California Code of Regulations). Furthermore, aquatic, wetland and riparian habitats are also protected

under applicable federal, state, or local regulations, and are generally subject to regulation, protection, or consideration by USACE, RWQCB, CDFW, and/or USFWS.

5.3.1 Sensitive Natural Communities

A query of sensitive habitats in the CNDDB (2023) identified five sensitive natural communities as occurring within the twelve 7.5-minute USGS quadrangles containing or surrounding the project site: (1) northern coastal salt marsh (Rank G3/S3.2), (2) northern maritime chaparral (Rank G1/S1.2), (3) serpentine bunchgrass (Rank G2/S2.2), (4) valley needlegrass grassland (Rank G3/S3.1), and (5) valley oak woodland (Rank G3/S2.1). Northern coastal salt marsh is characterized by Holland (1986) as occurring along sheltered inland margins of bays, often co-dominated by pickleweed (*Salicornia* spp.), cordgrass, and sometimes saltgrass (*Distichlis spicata*). Because the open water/muted tidal channel on the project site lacks vegetation, and does not contain pickleweed, northern coastal salt marsh is considered absent. Northern maritime chaparral is dominated by low, dense shrubs, including species of manzanita (*Arctostaphylos* spp), and coyote brush (*Baccharis pilularis*). Northern maritime chaparral, serpentine bunchgrass, valley needlegrass grassland, and valley oak woodland are also all absent from the project site.

5.3.2 Sensitive Vegetation Alliances

The ruderal grassland comprising the majority of the site is dominated by wild oats (*Bromus* sp.) and fennel and would be considered a "Wild oats and annual brome grasslands (*Avena* spp. – *Bromus* spp.)" alliance (CDFW 2021). This alliance does not have a global or state ranking, but because it is defined by dominance of nonnative species, it is not considered sensitive by VegCAMP. The seasonal wetlands throughout the ruderal grassland dominated by Italian rye grass, and intermixed with Mediterranean barley, bristly ox-tongue, and curly dock), and most closely aligns with the *Lolium perenne* herbaceous semi-natural alliance (CDFW 2021). This alliance is not ranked and thus, is not considered sensitive by VegCAMP.

5.3.3 Sensitive Habitats (Wetlands and Waters of the U.S./State)

A total of 0.40 acre of seasonal wetlands were mapped and verified by USACE within the project site. In addition, areas of open water below the HTL along the San Francisco Bay and Sanchez Creek would be considered Waters of the U.S. and state as described above under Section 3.1.1 and 3.2.1. Additionally, CDFW would claim Sanchez Creek as jurisdictional under §1602 of the CFGC.

5.3.4 Eelgrass Beds

Eelgrass beds form areas of important habitat for birds, fish, and crustaceans and are one of the preferred spawning habitats of pacific herring (Wyllie-Echeverria and Fonseca 2003). These plants also support grazing crustaceans, shrimp, and amphipods. Because it requires light for photosynthesis, eelgrass is limited by water clarity to depths of about six feet or less. Eelgrass beds and patches occur in both subtidal and intertidal areas of the San Francisco Bay. Low intertidal and shallow subtidal areas within the bay adjacent to the project site appear to provide potentially suitable substrate conditions and depths to support eelgrass below the toe of the existing shoreline protection.

The eelgrass survey conducted by Merkel & Associates, Inc. in April and May 2021, and as described in Appendix C, did not detect any eelgrass within a 45-meter buffer extending bayward from the project boundary. Eelgrass was mapped in relatively low abundance approximately 1,600 feet east of the project area in 2014 (Merkel & Associates, Inc. 2015) and a small, isolated patch was observed approximately 1,000 feet west of the project area in 2009 but this isolated patch was not present in Bay wide surveys conducted in 2014 (Merkel & Associates, Inc. 2009, 2015). Areas where eelgrass has been found in the project vicinity have slightly different degrees of wave exposure relative to the project site's shoreline. Observations of wind-wave conditions during the April 30th mapping flights along with visual evidence of substantial shoreline wave-induced scour suggest that the Bay shoreline along the project site is subject to substantial hydrodynamic energy, which may limit eelgrass from becoming established in areas where substrate conditions and depths appear otherwise favorable. Within the lower portions of Sanchez Creek, the existing shoreline revetment creates near vertical side slopes along the tidally-influenced margins of the channel, with rock and rubble embedded in a matrix of finer-grained substrate in lower intertidal and shallow subtidal areas of the channel. Given the channel's entrenched geometry, hardened banks, and evidence of scour in the lower portion of the channel within the project reach, it is likely that the distribution of shear stress across the channel bottom precludes eelgrass establishment in areas where depth and substrate conditions might otherwise be suitable. Further, in reviewing available aerial imagery and based on observations made during the eelgrass survey, it appears that Sanchez Creek experiences persistently elevated turbidity relative to the adjacent, open bay waters, which suggests that light limitation may be an additional constraining factor with respect to eelgrass occurrence within this portion of the project site.

5.3.5 EFH

As discussed in Section 3.1.4, the intertidal and subtidal habitats, within and adjacent to the project site are considered EFH by NMFS. EFH is habitat that is essential to the long-term survival and health of a fishery and includes those habitats that support all life stages and all habitats that support breeding, spawning, feeding, and growth to maturity of a managed species. The San Francisco Bay has been designated EFH for three FMPs within the project vicinity: the Pacific Coast Groundfish, Coastal Pelagic Species, and Pacific Coast Salmon. Of the 89 species federally managed under these plans, the following thirteen are expected to occur in the South-Central Bay (i.e., from the Bay Bridge south to San Mateo Bridge) based on NMFS's evaluation of FMP species distributions in San Francisco, San Pablo, and Suisun Bays (NMFS 2013). These are the northern anchovy and Pacific sardine of the Coastal Pelagic FMP; leopard shark, soupfin shark (*Galeorhinus galeus*), spiny dogfish (*Squalus acanthias*), big skate (*Raja binoculata*), lingcod (*Ophiodon elongatus*), brown rockfish (*Sebastes auriculatus*), English sole, sand sole (*Psettichthys melanostictus*), starry flounder, cabezon (*Scorpaenichthys marmoratus*) of the Pacific Groundfish FMP; and Chinook salmon of the Pacific Coast Salmon FMP. Additionally, all areas of the San Francisco Bay that support beds of Olympia oyster are also considered EFH because they improve water quality and increase fish abundance.

Section 6.0 Impacts and Mitigation Measures

The State CEQA Guidelines provide direction for evaluating the impacts of projects on biological resources and determining which impacts will be significant. CEQA defines a "significant effect on the environment" as "a substantial adverse change in the physical conditions which exist in the area affected by the proposed project." Under State CEQA Guidelines Section 15065, a project's impacts on biological resources are deemed significant if the project would:

A. "substantially reduce the habitat of a fish or wildlife species"

B. "cause a fish or wildlife population to drop below self-sustaining levels"

C. "threaten to eliminate a plant or animal community"

D. "reduce the number or restrict the range of a rare or endangered plant or animal"

In addition to the Section 15065 criteria that trigger mandatory findings of significance, Appendix G of State CEQA Guidelines provides a checklist of other potential impacts to consider when analyzing the significance of project effects. The impacts listed in Appendix G of State CEQA Guidelines may or may not be significant, depending on the level of the impact. For biological resources, these impacts include whether the project would:

A. "have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service"

B. "have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service"

C. "have a substantially adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling hydrological interruption, or other means)"

D. "interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites"

E. "conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance"

F. "conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan"

6.1 Impacts on Special-Status Species

Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by CDFW or USFWS (less than significant with mitigation)

6.1.1 Impacts on Common Species and Habitats

The project will impact the entirety of the 5.88 acres of upland ruderal grassland habitat and the majority of the approximately 3 acres of developed habitat on the project site by converting the site to restored tidal marsh, upland ecotone, landscaped park, and developed land cover types (Figure 6). Ruderal grassland and developed habitats are abundant and widespread regionally, and are not particularly sensitive or valuable (from the perspective of providing important plant or wildlife habitat). Therefore, impacts on these habitats would be minimal.

As described in Section 4.0, numerous common plant and wildlife species occupy the project site. Common wildlife includes a number of species of invertebrates, birds, and mammals (terrestrial and aquatic). Common plant communities include ruderal annual grassland and landscaped areas with ornamental plants. Common terrestrial species and habitats would be affected through the removal of trees and vegetation, habitat restoration, construction of shoreline amenities, education center construction, trail and road construction and landscaping. However, those common plant and animal species that occur on the site are regionally abundant and are present in widely available habitats in the region. As a result, the project would impact only a very small proportion of their regional populations. Furthermore, once the project is completed, the site will support higher quality habitat and many of those species that occupy the site now will occupy the site after construction. Thus, the project's impact on common species and habitats would not be substantial, and any impacts of the project on common species and habitats would have a negligible effect on regional populations.

6.1.2 Impacts on Special-Status Plants (No Impact)

As discussed in Section 5.1 above, no special-status plant species are expected to occur within the project site. As a result, no impacts to special-status plants are expected to occur from construction of the project.

6.1.3 Impacts on Special-Status Fish, Designated Critical Habitat, EFH, and Marine Mammals during In-Water Work

Construction work in aquatic habitats below the HTL along the bay shoreline (also referred to as in-water work) would be done using sheet pile coffer dams and dewatering to prevent ingress of Bay waters. Shoreline treatments in aquatic habitats would temporarily impact species-status fish/marine mammals, critical habitat, and EFH. Work in tidal aquatic habitats would include construction of the kitesurfing ramp, bay overlook/access, tidal inlet, water rescue/kayak ramp and the northeastern shoreline repairs. The project would place fill and thereby impact up to 0.35 acres of aquatic habitat below the HTL: concrete fill for water access ramps and rocky intertidal fill/living shoreline enhancement for erosion protection (Figure 6).

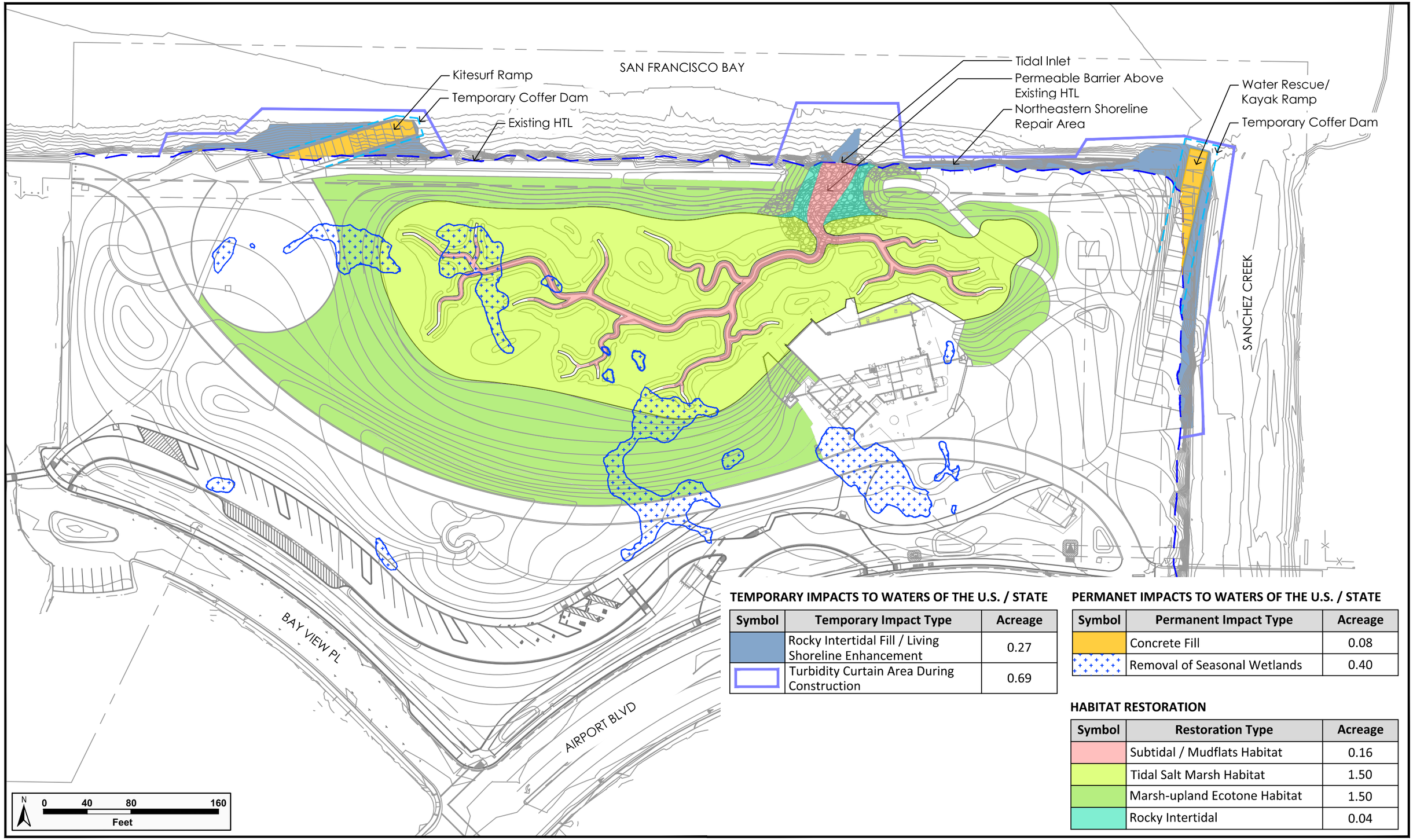
These shoreline treatments would result in up to 0.08 acres of permanent impacts to existing aquatic habitat below the HTL via installation of concrete water access ramps that would be frequently utilized by people for water access; this is denoted as "concrete fill" on Figure 6. The installation of the kitesurfing and water rescue/kayak ramps would impact the nearshore habitat long-term by creating permanent shading during high tides. In addition, up to 0.27 acres of aquatic habitat below the HTL would be temporarily impacted via removal of concrete debris and replacement with imported hard substrate (e.g., rip rap) which would include living shoreline habitat enhancement design elements below the HTL; this is depicted on Figure 6 as rocky intertidal fill/living shoreline enhancement. The rocky intertidal fill/living shoreline enhancement areas would be designed to replace anthropogenic concrete debris with hard substrate that will facilitate rapid colonization by hard substrate macroalgae and invertebrates below MHW and marsh vegetation (in rock-crown treatments) above MHW.

The project would also result in 0.69 acre of temporary impacts during construction on aquatic habitat within a turbidity curtain area placed around the in-water work areas. This would result in temporary fish exclusion and potential removal of concrete debris from the Bay floor for construction access in aquatic habitats (Figure 6).

The project would benefit the essential elements of critical habitat for green sturgeon and key elements of EFH (i.e., food resources and water quality) through the installation of living shoreline elements into rock slope protection at the tidal inlet, kitesurfing ramp, and water rescue/kayak access ramp within portions of the new hard structures (e.g., riprap). Therefore, the project would not result in a net loss of critical habitat or EFH. Thus, no compensatory mitigation for these resources is necessary. However, temporary impacts on aquatic habitat could impact special-status fish, critical habitat, EFH, and marine mammals, such as the California sea lion and harbor seal.

6.1.3.1 Construction Work in Shallow Bay Waters

All work would occur in relatively shallow waters that are unlikely to support foraging special-status fish and marine mammals. Still, NMFS has considered the entire San Francisco Bay in the site vicinity to be designated critical habitat for the green sturgeon. Thus, the temporary impacts associated with the proposed shoreline treatments may result in impacts to green sturgeon critical habitat, and possibly individuals of these species, as well as other special-status fish such as white sturgeon, Central Valley Fall-Run Chinook salmon, longfin smelt, and Pacific herring. Additionally, shoreline treatments may result in temporary impacts on designated EFH. For example, construction of the kitesurfing ramp, tidal inlet, and water rescue/kayak ramp may require temporary fish exclusion and the removal of existing debris from the Bay floor for construction. Fish exclusion would likely be achieved through installation of a turbidity curtain to separate the work area from the broader Bay. Temporary impacts to special-status fish, critical habitat and EFH would occur through direct disturbance of individuals of special-status species, loss of or modification of intertidal and subtidal aquatic habitats where special-status fish may forage, increased turbidity during construction, and potential mobilization of chemicals or contaminants from equipment during construction which could result in injury or mortality of fish in the vicinity of construction.



TEMPORARY IMPACTS TO WATERS OF THE U.S. / STATE

Symbol	Temporary Impact Type	Acreage
	Rocky Intertidal Fill / Living Shoreline Enhancement	0.27
	Turbidity Curtain Area During Construction	0.69

PERMANET IMPACTS TO WATERS OF THE U.S. / STATE

Symbol	Permanent Impact Type	Acreage
	Concrete Fill	0.08
	Removal of Seasonal Wetlands	0.40

HABITAT RESTORATION

Symbol	Restoration Type	Acreage
	Subtidal / Mudflats Habitat	0.16
	Tidal Salt Marsh Habitat	1.50
	Marsh-upland Ecotone Habitat	1.50
	Rocky Intertidal	0.04

DRAWING NAME: \\HTHNAS\Company Share Folder\Work Products\Active Projects\4113, Burlingame Airport Blvd Park\02, Outreach and Design\PSE\WorkDwg\FIGURE\4113-02_BRR Figure 6_20241203.dwg

H. T. HARVEY & ASSOCIATES
Ecological Consultants

Figure 6: Impacts to Waters of the U.S. / State
Bay Rise Park - Biological Resources Report (4113-02)
December 2024

Although critical habitat and EFH that would be temporarily impacted by construction of the project represents a minute fraction of available EFH in the Bay, this impact would be significant, in the absence of mitigation, due to the importance of critical habitat to green sturgeon, and EFH to the ecology of the San Francisco Bay. Implementation of MM BIO-1 (Worker Environmental Awareness Training) and MM BIO-2 (Erosion and Sedimentation Control) would minimize any adverse effects on aquatic habitat of special-status fish, including designated critical habitat for the green sturgeon, during construction. These mitigation measures would also minimize impacts on marine mammals.

Additionally, construction activities may result in injury or mortality of small numbers of individuals of special-status fish because of stranding during turbidity curtain and coffer dam installation, or increased turbidity while fish are present. Although fish exclusion would be performed in coordination with the turbidity curtain placement in aquatic areas in accordance with the mitigation measures below, there is also potential for injury or mortality of fish if they cannot be excluded entirely from the work area, and physical handling and relocation become necessary.

Implementation of the below mitigation measures (MM BIO-1, MM BIO-2, MM BIO-3, MM BIO-4, MM BIO-5, and MM BIO-6) will adequately minimize potential impacts on special-status fish during fish exclusion activities.

6.1.3.2 Impacts to Aquatic Species That are Prey for Fish

Benthic macroinvertebrates and other marine organisms that are prey for many fishes might be killed or their abundance reduced during work in-water work. However, the effect on prey species resulting from the in-water work would be temporary because construction activities would be short-lived and the construction area is relatively small relative to amount of available prey in the surrounding bay waters. Thus, the loss of aquatic prey species because of in-water work activities is not expected to adversely affect special-status fish. Further, these species are expected to recolonize impact areas once the project is complete.

Implementation of the following mitigation measures will adequately reduce project impacts on individual special-status fish, designated critical habitat for fish, EFH, and marine mammals (aside from pile driving, discussed in Section 6.1.4 below).

6.1.3.3 MM BIO-1: Worker Environmental Awareness Training

Personnel involved in in-water construction and deconstruction activities shall be trained by a qualified biologist (experienced in construction monitoring, as approved by the City/Agency) in the importance of the marine environment to special-status fish, birds, and marine mammals and the environmental protection measures put in place to prevent impacts to these species, their habitats, and EFH. The training shall include, at a minimum, the following:

- A review of the special-status fish, birds, and marine mammals and sensitive habitats that could be found in work areas
- Measures to avoid and minimize adverse effects to special-status fish, birds, marine mammals, their habitats, and EFH
- A review of all conditions and requirements of environmental permits, reports, and plans (i.e., USACE permits)

6.1.3.4 MM BIO-2: Erosion and Sedimentation Control

During construction, the project shall employ standard construction best management practices (BMPs) to treat and minimize runoff. The project will also obtain a 401 Water Quality Certification from the RWQCB, which may contain additional measures to ensure protection of water quality. Construction BMPs shall be reviewed and coordinated with RWQCB, as necessary, for implementation during work and may include but are not limited to the following:

- For impacts to tidal habitats:
    - Install temporary sediment turbidity curtains around the worksite to minimize sediment transport, and/or
    - To the extent practicable, work only during periods of slack tide (minimal current) and low wind to minimize transport of sediment laden water.
    - All dewatering systems and discharge protocols will be reviewed and pre-approved to comply with regulatory standards prior to operation on-site.
- Sediment mitigation measures shall be in place prior to the onset of project construction and shall be monitored and maintained until construction activities have been completed. Temporary stockpiling of excavated or imported material shall occur only in approved construction staging areas. Excess excavated soil shall be disposed of at a regional landfill or at another approved and/or properly permitted location. Stockpiles that are to remain on the site throughout the wet season shall be protected to prevent erosion.
- No litter, debris, or sediment shall be dumped into storm drains. Daily trash and debris removal shall occur at the site.
- Equipment staging and parking of vehicles shall occur on established access roads and flat surfaces.
- The integrity and effectiveness of construction fencing and erosion control measures shall be inspected on a daily basis. Corrective actions and repairs shall be carried out immediately for fence breaches and ineffective BMPs.
- Fueling, washing, and maintenance of vehicles shall occur in developed habitat, away from the San Francisco Bay and Sanchez Creek. Equipment shall be regularly maintained to avoid fluid leaks. Any

leaks shall be captured in containers until equipment is moved to a repair location. Hazardous materials shall be stored only within the developed habitat. Containment and cleanup plans shall be prepared and put in place for immediate cleanup of fluid or hazardous materials spills.

- At no time shall sediment-laden water be allowed to enter the San Francisco Bay and Sanchez Creek.
- All litter and construction debris shall be disposed of off-site in accordance with state and local regulations. All trash and debris within the work area shall be placed in containers with secure lids before the end of work each day in order to reduce the likelihood of predators being attracted to the site by discarded food wrappers and other rubbish that may be left on-site. If containers meeting these criteria are not available, all rubbish shall be removed from the project site at the end of each work day.
- Absorbent materials designated for spill containment and clean-up activities shall be available on site for use in an accidental spill.
- Upon completion of in-water work activities, any turbidity curtains shall be removed in a manner that would allow flow to resume with the least disturbance to the substrate.

6.1.3.5 MM BIO-3: Seasonal Restrictions

In-water work shall be avoided during the seasonal period when juvenile salmonids are moving through the estuary on the way to the ocean or when groundfish and prey species could be directly impacted. Because steelhead are potentially present, in-water work shall be conducted between June 1 through November 30, based on the standard work windows for steelhead and Pacific herring. All in-water construction, including installation of turbidity curtains, sheet piles/coffer dams and steel pipe piles, shall occur during this window. Construction will be limited to daylight hours only. If completion of in-water work within this period is not feasible due to scheduling issues, new timing guidelines shall be established and submitted to NMFS and CDFW for review and approval.

6.1.3.6 MM BIO-4: Fish Exclusion at Turbidity Curtain Sites

Fish shall be excluded from the work area prior to in-water work. Construction of the water rescue/kayak ramp, kitesurfing ramp, and tidal inlet will be initiated at low tide. Prior to initiating work, qualified biologists shall use a block net to encourage fish to leave the work area. The net will be moved from the shore, moving out and away from the work area. Once fish have moved out of the area, the turbidity curtains will be installed around this work area. The turbidity curtains would be removed after sediments have settled, and the work is completed.

6.1.3.7 MM BIO-5: Fish Relocation

If fish cannot be excluded entirely from areas where turbidity curtains will be employed, qualified biologists shall relocate the remaining fish outside the work area using seine nets, dip nets, or other means. The method of relocation will be determined by the qualified biologist, in consultation with NMFS (and CDFW as necessary)

and consistent with methods described in the *California Salmonid Stream Habitat Restoration Manual, Fourth Edition* (Flosi et al. 2010) and *NOAA Restoration Center's Programmatic Approach to ESA/EFH Consultation Streamlining for Fisheries Habitat Restoration Projects* (Pecharich 2017), based on site conditions and species present. A Fish Rescue and Relocation Plan will be prepared and will provide at a minimum the following items:

- Qualifications of the fish rescue team: only fisheries biologists that are approved by USFWS and NMFS and permitted by CDFW under a California Endangered Species Act (CESA) Memorandum of Understanding (MOU) shall handle and relocate CESA-listed species
- Schedule and description of proposed fish relocation techniques
- Measures implemented to minimize injury and mortality of listed species and other native aquatic species during fish relocation and dewatering activities, as described in Volume II Part IX, pages 52 and 53 of the *California Salmonid Stream Habitat Restoration Manual*
- Timeline of data availability and reporting requirements to NMFS, CDFW, and USFWS

The Fish Rescue and Relocation Plan will be submitted to CDFW, NMFS, and USFWS for review and approval no later than 60 days prior to conducting in-water work, or as specified in permit conditions. Fish exclusion due to turbidity curtains and relocation shall be confirmed prior to any in-water construction, including installation of sheet piles/coffer dams and steel pipe piles.

6.1.3.8 MM BIO-6: Biological Monitoring

A qualified biologist shall monitor construction of all in-water work along the bay shoreline to ensure that no fish are remaining in the work area and that no marine mammals or fish move into the work area. If fish or marine mammals are observed within the work area, the monitor shall direct the contractor to wait until the animals leave the area or pause work if animals move into the area.

6.1.4 Impacts on Marine Mammals and Fish during Pile Driving (Less than Significant with Mitigation)

The project may install permanent piles for the water rescue/kayak ramp in Sanchez Creek, the boardwalk/overlook, and at the kitesurf ramp. The water rescue/kayak ramp will require approximately 20 steel pipe piles, the boardwalk/overlook will require approximately 3 steel pipe piles, and the kitesurf ramp will require approximately 9 steel pipe piles (see Table 2). All steel pipe piles to be installed will be 24-in diameter; it is estimated that six of the piles at the water rescue/kayak ramp and five at the kitesurfing ramp will be in-water (in Bay-saturated soils), the remaining 22 will be land-based. The project may also install temporary or permanent sheet pile walls along the edge of the project site on the bay side to allow for construction of the water rescue ramp and the marsh. Because there is some potential for special-status and sensitive fish, as well as marine mammals, to be present in the open waters adjacent to the project, these species may be impacted by in-water noise generated by these activities. Sounds generated by percussive pile driving have the potential to affect fish in several ways, ranging from the alteration of behavior to physical injury or mortality depending on the intensity and characteristics of the sound, the distance and location of the fish in the channel relative to the

sound source, and the size and species of fish involved (Yelverton et al. 1975 as cited in Hastings and Popper 2005, Molnar et al. 2020). The Fisheries Hydroacoustic Working Group (FHWG) has developed agreed-upon injury threshold criteria for listed fish species (FHWG 2008). The FHWG identified sound pressure levels of 206 dB-peak (peak decibels) at 10 meters (m) as being injurious to fish. Accumulated sounds exposure levels (SEL) at 10 m of 187 dB for fishes that are greater than 2 grams (g), and 183 dB for fishes below that weight, are considered to cause temporary shifts in hearing, resulting in temporarily decreased fitness (i.e., reduced foraging success, reduced ability to detect and avoid predators) (FHWG 2008). It is highly unlikely that listed salmonids and sturgeon weighing less than 2 g will be present in the project area during construction, but juvenile longfin smelt may be present.

Likewise, sounds generated by percussive pile driving have the potential to affect marine mammals in several ways, ranging from the alteration of behavior to physical injury or mortality depending on the intensity and characteristics of the sound, the distance and location of the animal relative to the sound source, and the size and species of animal involved. Current NMFS practice regarding exposure of marine mammals to high-level sounds is that mid-frequency cetaceans and phocid pinnipeds exposed to impulsive sounds of 185 SEL or above, have the potential to be injured (i.e., Level A harassment; NMFS 2023). NMFS (2023) considers the potential for behavioral (Level B) harassment to occur when marine mammals are exposed to sounds below injury thresholds but at or above 160 dB Root-Mean-Square (RMS) threshold for impulse sounds (e.g., impact pile driving) and 120 dB RMS threshold for continuous noise (e.g., vibratory pile driving).

Due to the small number of piles being installed, the duration of this activity is expected to be short. Further, the project is likely to use vibratory hammers when driving piles if feasible, which should minimize noise levels (compared to the use of impact hammers). However, there is the potential that during vibratory pile driving resistant subsurface sediment layers could be encountered, which would result in the piling refusing to go deeper. Pre-construction geotechnical surveys revealed dense clays underneath softer fill material and bay mud (Langan 2022), making this scenario likely. The contractor would then be required to utilize an impact hammer to finish setting the piling. Implementation of MM BIO-1, MM BIO-3, and MM BIO-7 will reduce potential noise impacts resulting from in-water work to less-than-significant levels.

6.1.4.1 Mitigation Measure BIO-7: Noise Impact Minimization

To minimize impacts on fish and marine mammals, the Project Applicant shall implement the following measures to reduce the magnitude of pressure waves generated by pile driving.

1. All in-water work shall be conducted between June 1 and November 30.
2. To the extent feasible, all piles shall be installed with a vibratory pile driver.
3. An impact pile driver shall only be used when necessary to complete installation of piles in accordance with seismic safety or engineering criteria.
4. If an impact pile driver is used it shall be cushioned using a 12-inch thick wood cushion block, which will reduce noise levels by 4 to 5 dB.

5. Bubble curtains shall be used during any impact pile driving of piles located in water. The bubble curtain will reduce the noise levels by up to 15 dB. The bubble curtain shall be operated in a manner consistent with the following performance standards:

    a. The bubble curtain shall distribute air bubbles around 100% of the piling perimeter for the full depth of the water column.

    b. The lowest bubble ring shall be in contact with the mudline for the full circumference of the ring, and the weights attached to the bottom ring shall ensure 100% mudline contact. No parts of the ring or other objects shall prevent full mudline contact.

    c. Air flow to the bubblers must be balanced around the circumference of the pile.

6. A "soft start" technique shall be employed if an impact pile driver will be used on any piles (on land or in water). The first few taps of the hammer on the piling should deter fish and marine mammals away from the pilings before full impact strength is applied, reducing the potential for fish and marine mammals to be present and exposed to potential injury during full hammer strikes. This technique shall be used upon initiation of pile driving or when there is a downtime of 30 minutes or more without pile driving.

7. Pile driving shall occur only during daylight hours.

8. A Hydroacoustic Monitoring Plan will be developed prior to and implemented during pile driving activities. Hydroacoustic monitoring will be conducted at 10 m from all pile driving if an impact hammer is used to set the pilings. Impact hammer pile driving will cease for at least 12 hours if the cumulative sound exposure levels reach 186.5 dB at 10 m regardless of the number of strikes. To minimize the potential for injury to marine mammals, the following measures will additionally be implemented:

    a. If threshold noise levels are recorded during pile driving, a shutdown zone equal to the distance at which injury threshold sound levels were recorded will be established around each pile.

    b. A qualified biological monitor will visually scan the project site and surrounding waters for the presence of marine mammals at least 30 minutes before and continuously throughout periods of impact pile driving. If any marine mammal is sighted in the shutdown zone before pile driving begins, the contractor (or other authorized individual) will delay pile-driving activities until the animal has moved outside the shutdown zone or the animal is not resighted (within 15 minutes for pinnipeds or 30 minutes for cetaceans).

    c. If any marine mammal is about to enter or is observed in the shutdown zone during pile driving, the pile-driving activities will be shut down until the animal has moved outside the shutdown zone, or the animal is not resighted (within 15 minutes for pinnipeds or 30 minutes for cetaceans).

9. A biological monitor or team shall be present during all pile driving to observe the work area before, during, and after pile driving. The monitor(s) will staff the hydroacoustic monitoring equipment and

record marine mammal use within the action area. The monitor(s) will also be responsible for ensuring that all pile driving work is conducted according to permit terms and conditions. In addition, contractors will consult with the biological monitor(s) to ensure that any changes to means and methods are in compliance with permit conditions relating to the protection of estuarine resources.

10. A debris containment structure (i.e., floating boom) will be installed outside of the pile driving area to ensure that any floating debris that enters the water will be contained for later collection and disposal.
11. A full complement of oil spill clean-up equipment will be on site and available for immediate deployment should there be an accidental discharge of fuel, lubricant, or hydraulic oils.

6.1.5 Impacts on Olympia Oyster Beds

Small populations of native oysters have been documented within the San Francisco Bay (Harris 2004, Latta 2006). Detailed surveys for native oysters were not conducted as part of this project. Potentially suitable habitat is distributed throughout the northern and eastern shoreline of the project site. Suitable substrate consists of the existing riprap to which oyster larvae can easily attach (Harris 2004). Larval forms of oysters are free-floating in the San Francisco Bay, and are known to occur at Coyote Point, one mile to the east and Oyster Point Marina, approximately 4 miles to the west of the project site. No obvious or large beds of oysters were observed during the reconnaissance survey of the project site. Nonetheless, due to their proximity to the site and the presence of suitable habitat along the north and east shoreline, the potential for Olympia oysters to colonize the project site cannot be ruled out. Therefore, construction of shoreline features including the kitesurfing ramp, tidal inlet, water rescue/kayak ramp, and associated riprap could potentially impact oysters through the removal of existing concrete debris and rock in those work areas. However, the living shoreline enhancement design would entail replacement of existing hard substrate with a similar material that would also be suitable for oyster settlement. For example, the project would remove existing concrete debris along the kitesurfing ramp and tidal inlet and replace it with new rock slope protection that incorporates living shoreline elements such as riprap modified with ample rugosity to provide suitable settlement habitat for native oysters. Thus, although the proposed project features would temporarily affect substrate potentially used by native oysters, that substrate would be replaced with equal amounts of equivalent (or better) habitat after the project is complete. Thus, the work would not substantially reduce Olympic oyster populations or available habitat. Consequently, the project would not have a substantial adverse effect on native oysters.

6.1.6 Impacts on Nonbreeding Special-Status Birds

Several special-status bird species occur on the project site as nonbreeding migrants, transients, or foragers, but they are not known or expected to breed or occur in large numbers within or near the project site. These are the California least tern, tricolored blackbird, northern harrier, burrowing owl, Vaux's swift, olive-sided flycatcher, San Francisco common yellow-throat, yellow warbler, Alameda song sparrow, Bryant's savannah sparrow, and white-tailed kite. The California least tern (a federal and state endangered, and fully protected species) primarily nests in Alameda County, and no suitable nesting habitat is present on or near the site. This species may forage over the open waters adjacent to the project site. The tricolored blackbird (a state threatened species) is not expected to occur on the project site as a breeder due to the absence of suitable breeding habitat,

but individuals may occur occasionally as foragers during the non-breeding season. The burrowing owl (a California species of special concern and candidate for listing under CESA) is not expected to breed on the site due to the lack of suitable burrowing habitat, but may infrequently occur as non-breeding migrant. The Vaux's swift and olive-sided flycatcher (both California species of special concern), breed in forested habitats, which are not present on the project site. However, they may occur as migrants. Other avian California species of special concern, including the northern harrier, San Francisco common yellowthroat, Alameda song sparrow, Bryant's savannah sparrow, and yellow warbler, breed in or near wetland or riparian habitats; no suitable breeding habitat for these species is present on the site, but these species may occur on the project site as nonbreeding visitors. The white-tailed kite (state fully-protected species) nests in shrubs and trees near open grassland habitats. These species may also occasionally occur on the site as nonbreeding visitors, but they would not nest on the site.

Project activities would result in some loss or disturbance of foraging habitats and could disturb foraging or roosting individuals of these species. Construction activities might result in a temporary direct impact through the alteration of foraging patterns (e.g., avoidance of work sites because of increased noise and activity levels during project construction) but would not result in the loss of individuals, as individuals of these species would fly away from any construction areas or equipment before individuals could be injured or killed. Further, the project site does not provide important foraging habitat used regularly or by large numbers of individuals of any of these species. As a result, impacts under the project will have very little impact on these species' regionally available foraging habitat and no substantive impact on regional populations of these species. Rather, the project may improve habitat for some of these species through restoration of more natural habitat, and it is possible that the Alameda song sparrow, San Francisco common yellowthroat, and Bryant's savannah sparrow could even breed on the project site after the project is implemented. It is also possible that marsh birds such as the California Ridgway's rail and California black rail could potentially occur on the project site after tidal marsh restoration occurs. However, the extent of the restored tidal marsh would not be sufficient to provide nesting habitat for either of those two species; rather, if those species occur at all after tidal marsh restoration, they would occur as infrequent visitors during dispersal, primarily outside the breeding season. Project operations would not result in impacts to those species.

6.1.7 Impacts on the Monarch Butterfly

Monarch butterflies are not known to form roost aggregations along the San Francisco Bay shoreline in San Mateo County, and there is no expectation that such roosts will form in the future on or near the project site. Further, this species is not expected to breed on the project site due to the absence of milkweed, its larval host plant. Rather, monarch butterflies are expected to occur on the site only as occasional visitors during migration. Project construction and operation are not expected to result in injury or mortality of monarchs, or the loss of any important foraging habitat for migrant individuals.

6.1.8 Impacts on Nonbreeding Western Red Bat

The western red bat (a California species of special concern) usually roosts in the foliage of trees (Pierson et al. 2006). Day and night roosts are often located along the edges of riparian areas, near streams, grasslands, and even urban areas. During the breeding season, western red bats establish individual tree roosts and occasionally small maternity colonies in riparian habitats (Zeiner et al. 1990). Western red bats do not breed in San Mateo County, but may occasionally be present on the project site as a migrant or winter resident. Unlike most birds, bats experience daily bouts of torpor to save energy during seasonally cool periods. As a result, torpid bats cannot immediately fly away when disturbed, and typically require upwards of 40 minutes to arouse and flee. Therefore, there is some potential for tree removal to injure or kill individual red bats. Although little is known about the habitat use of western red bats during the nonbreeding season (Pierson et al. 2006), western red bats are uncommon, and no more than one or two individuals could be impacted by the project. Because such limited impacts would affect only a very small proportion of regional migrant/wintering populations of the species, the impact would not rise to the CEQA standard of having a *substantial* adverse effect.

6.2 Impacts on Sensitive Communities

Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or regulations, or by CDFW or USFWS There is no riparian habitat located within the project area. Sensitive natural communities occurring within or in the general vicinity of the project site include seasonal wetlands, which are discussed below under Section 6.3, and potentially (further from the project site) eelgrass beds, which are discussed here. Although eelgrass beds are considered 'special aquatic sites' by USACE and they would therefore be considered as part of the wetland permitting process, they are also considered a sensitive natural community by CDFW and NMFS and are thus discussed under this criterion. As described in Section 5.3, surveys conducted in April and May 2021 by Merkel & Associates, Inc. did not detect any eelgrass growing within a 148-foot buffer of the project boundary site. Furthermore, their analysis concluded that conditions along the existing concrete rubble shoreline of both the San Francisco Bay and Sanchez Creek were considered less than favorable for the establishment of eelgrass. Along the San Francisco Bay shoreline this is primarily due to the greater degree of wave exposure and substantial hydrodynamic energy as compared to the nearby locations to the west and east where eelgrass populations are known to occur. Along Sanchez Creek, the channel's entrenched geometry, hardened banks, and evidence of scour precludes eelgrass establishment in areas where depth and substrate conditions might otherwise be suitable.

Nevertheless, eelgrass has been found in relatively low abundance within approximately 1,600 feet east of the project area in 2014 (Merkel & Associates, Inc. 2015) and a small, isolated patch was observed approximately 1,000 feet west of the project area in 2009 but was not present in 2014 baywide surveys (Merkel & Associates, Inc. 2009). Given the history of intermittent eelgrass presence in the near vicinity of the proposed project and prior eelgrass habitat suitability modeling predicting potentially suitable conditions occurring within the project

vicinity, a pre-construction survey may be requested by the resource agencies as specified in the CEMP (NMFS 2014).

Disturbance to the mudflats and intertidal habitat on the Bay side of the existing concrete rubble shoreline from the creation of the new tidal inlet, as well as removal of debris and placement of fill and piles required for the kitesurfing and water rescue/kayak ramps could potentially affect eelgrass on the subtidal mudflat along the project site if it were present. Potential effects from these activities could range from short-term to permanent, depending on the extent and degree of disturbance, and would be expected to result in possible mortality, physical injury, or physiological stress resulting from reduction in habitat suitability, and physical disturbance/removal. Placement of fill for the kitesurfing ramp, and water rescue/kayak ramp could result in direct mortality of eelgrass beds, if present. Any such impacts resulting in substantial damage to eelgrass beds would require mitigation because eelgrass beds are considered to be of critical importance to marine life and are generally quite rare throughout the San Francisco Bay. This potential impact would be reduced to adequate levels through implementation of MM BIO-8.

6.2.1 Mitigation Measure BIO-8: Pre-Construction Surveys for Eelgrass and Translocation or Compensatory Mitigation if Necessary

Prior to onset of any in-water construction activities, and within 60 days of construction initiation, an eelgrass survey shall be conducted within the same buffer of the project boundary previously surveyed and described in Appendix C. As per the CEMP, the survey area shall be scaled as appropriate to the size of the potential action and the potential extent and distribution of eelgrass impacts, including both direct and indirect effects. The survey shall be conducted according to the methods contained in the CEMP (NMFS 2014). If eelgrass beds are absent within the area surveyed, then no further mitigation will be required. If eelgrass is found within the surveyed area, then a qualified biologist shall determine (in coordination with NMFS and CDFW) whether the eelgrass bed is likely to be impacted to the point that relocation or compensatory mitigation is necessary. That determination will be based on distance between the eelgrass and the work area, tidal current patterns, water depth, and other factors that may influence whether increased turbidity or sediment mobilization could impact the eelgrass. If eelgrass will be impacted to the point that translocation is appropriate, any translocation of eelgrass beds shall be conducted consistent with the methods described in the CEMP and/or those described in *Eelgrass Conservation in San Francisco Bay: Opportunities and Constraints* (Boyer and Wyllie-Echeverria 2010). If it is determined that eelgrass will be impacted but it is not possible to translocate eelgrass beds, then the project applicant shall provide compensatory mitigation consistent with the CEMP for eelgrass. As per the CEMP, multiple compensatory mitigation options are possible, but in this case the most appropriate would be in–kind mitigation. The eelgrass Mitigation and Monitoring Plan shall be prepared in conjunction with input from NMFS and CFDW and as per the CEMP shall provide at a minimum the following items:

- Results of preliminary eelgrass survey and pre/post-project eelgrass surveys, and summary of projected eelgrass impacts
- Goals of the in-kind mitigation to achieve no net loss of eelgrass or eelgrass habitat function

- Description of proposed mitigation site and reference site(s)
- Mitigation design including:
    - Description of proposed mitigation methods
    - Construction schedule, including specific starting and ending dates for all work including mitigation activities
    - Planting plan (eelgrass propagule procurement and installation)
    - Maintenance plan
- Schedule and description of proposed post-project monitoring and when results will be provided to NMFS and CDFW
- Schedule and description of process for continued coordination with NMFS and CDFW through mitigation implementation
- Monitoring measures, and performance and success criteria. Monitoring events and milestones are detailed in the CEMP but include the following milestones, as an example:
    - By year 1 the mitigation site should achieve a minimum of 40% coverage of eelgrass and 20% density of the reference site(s) over not less than 1.2 times the area of the impact site
    - By year 2 the mitigation site should achieve a minimum of 85% coverage of eelgrass and 70% density of the reference site(s) over not less than 1.2 times the area of the impact site
    - By year 3 the mitigation site should achieve a minimum of 100% coverage of eelgrass and 85% density of the reference site(s) over not less than 1.2 times the area of the impact site
- Description of alternative contingent mitigation or adaptive management should the proposed mitigation fail to achieve performance measures
- Description of mitigation reporting

The mitigation shall be deemed complete and the applicant released from further responsibilities when the final success criteria have been met, or when the mitigation is deemed complete as determined by NMFS.

6.3 Impacts on Wetland and Aquatic Habitats

Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means) State and federally protected waters and wetlands surround the site as the open water and subtidal habitat of the San Francisco Bay and Sanchez Creek, and 0.40 acre of seasonal wetland habitat is present in the uplands on the project site. USACE has claimed jurisdiction over the waters of the San Francisco Bay and Sanchez Creek below the HTL under Section 404 of the CWA. In addition, as described in Section 5.3, USACE's existing PJD considers the seasonal wetlands as three-parameter wetlands that are

subject to jurisdiction under Section 404 of the CWA. The open waters of San Francisco Bay and Sanchez Creek and the seasonal wetlands would also be considered state protected waters and wetlands by RWQCB and protected under Porter-Cologne and Section 401 of the CWA. The open waters of Sanchez Creek up to the top of bank are expected to be regulated by CDFW under the CFGC Section 1603 by virtue of being the downstream continuation of a stream conveying freshwaters from the upslope watershed to the west.

6.3.1 Seasonal Wetland Habitat Impacts

The project will permanently impact the entirety of the 0.40 acres of seasonal wetlands on the site, through mass grading required for project implementation (Figure 6). The existing seasonal wetlands are scattered throughout the upland ruderal grassland portion of the site that constitutes former fill in historical baylands. The seasonal wetlands occur in slight depressions in the landscape which are likely the result of differential settlement of fill over bay muds. As described in Section 4, the hydroperiod of the depressions is typically brief, shallow (less than 6 inches deep), and driven by incidental precipitation following winter storm events and vegetation in the wetlands is dominated by non-native, ruderal, facultative wetland species. The existing seasonal wetlands provide low ecological functions and services due to the dominance of non-native vegetation, brief duration of shallow inundation, lack of hydrologic connectivity to a larger watershed, and lack of observations of wetland animals using these features.

As described in the project description, the project entails the restoration of an approximately 3-acre tidal salt marsh ecosystem. The site occurs within historical baylands that were previously filled, and the project would remove a portion of this fill and reconnect the excavated area to the bay's tides to restore tidal marsh. The restored ecosystem would be dominated by native plant species that would consist of approximately 1.5 acres of tidal salt marsh, plus 0.16 acres of subtidal/mudflat slough channel habitat below the current HTL. The restored ecosystem also includes approximately 1.5 acres of associated marsh-upland ecotone habitat (ecotone) above the current HTL. To achieve the project goal to restore a tidal marsh with substantial ecological benefit, it is necessary to impact the seasonal wetlands in their current position. Avoidance of the seasonal wetlands would preclude the restoration of substantial tidal marsh and limit the final extent of ecotone habitat.

While the permanent loss of 0.40 acres of seasonal wetlands might be considered significant under CEQA in most circumstances, the project would result in restoration of 1.5 acres of new tidal marsh and 0.16 acres of subtidal/mudflat habitat (i.e., slough channels) below the current HTL and restoration of 1.5 acres of marsh-upland ecotone above the current HTL. This restored tidal marsh ecosystem is expected to provide ecological functions and acreage substantially greater than the existing, low quality seasonal wetlands. Additionally, ecotone vegetation would consist of a diverse transition of plant communities from those that are relatively salt and flood tolerant near the toe of slope/marsh to those that are more drought tolerant toward the top of slope. While it is not known at this point what percentage of marsh-upland ecotone habitat would develop into seasonal wetland habitat, at least a third to half of that area is expected to be dominated by native plant species that would be characteristic of seasonal wetland habitats around the San Francisco Bay edge, including species such as creeping wild rye (*Elymus triticoides*), marsh gumplant (*Grindelia stricta*), saltgrass, perennial pickleweed,

and alkali heath. Vegetation in the ecotone will be established through a combination of seeding and container plant installation, along with three years of vegetation maintenance.

6.3.2 Aquatic Habitat Impacts

Installation of shoreline treatments (kitesurfing ramp, water rescue/kayak ramp, tidal inlet, northeastern shoreline repair, and associated rock slope protection) that require modification of the substrate within the San Francisco Bay will result in temporary and permanent impacts to waters of the U.S. and waters of the state that would be subject to Section 10, Section 404, and Section 401 regulation under the CWA, as well as the State Porter-Cologne Act (Figure 6). Up to 0.27 acres of aquatic habitat below the HTL would be temporarily impacted via removal of concrete debris and replacement with imported hard substrate (e.g., rip rap) which would include living shoreline habitat enhancement elements below the HTL; the locations of these areas are depicted on Figure 6 as rocky intertidal fill/living shoreline enhancement. The project would also result in 0.69 acre of temporary impacts during construction on aquatic habitat within a turbidity curtain area placed around the in-water work areas. Coffer dam/sheet pile installation would occur within the footprint of the turbidity curtains; thus this 0.69-acre area also includes temporary impacts due to dewatering and fish exclusion. Pre-existing biotic and abiotic conditions within the turbidity curtain area are expected to rapidly re-establish following completion of construction and removal of the turbidity curtain.

The rocky intertidal fill/living shoreline enhancement areas are considered a temporary impact because the project would replace anthropogenic concrete debris in the footprint of temporary impacts with a type of hard substrate (rock slope protection) that will facilitate rapid colonization by native hard substrate macroalgae and aquatic invertebrates below approximately MHW. The rapid colonization will be facilitated via both import of hard substrate with adequate rugosity and reuse of some of the existing hard substrate that currently supports native macroalgae and aquatic invertebrates, (as a propagule source). From approximately MHW up to the HTL, where feasible, the rock slope protection will incorporate soil and active revegetation to establish native salt marsh vegetation (in rock-crown treatments).

The shoreline treatments would also result in up to 0.08 acres of permanent impacts to existing aquatic habitat below the HTL via installation of concrete water access ramps that would be frequently utilized by people for water access; this is denoted as "concrete fill" on Figure 6. While permanent impacts to 0.08 acres of waters of the U.S./State would in some cases be considered significant under CEQA, the project proposes to restore approximately 0.16 acre of new subtidal/intertidal mudflat habitat (i.e., slough channels) within the proposed tidal inlet and restored tidal marsh. In addition, the project will restore at least 1.5 acres of jurisdictional tidal salt marsh below the HTL. Overall, this project is expected to provide a net benefit to the surrounding aquatic intertidal habitat, as a total of 1.7 acres of tidal marsh, rocky intertidal, and subtidal/mudflat habitat will be restored.

In addition, projects causing land disturbances that are equal to one acre or greater must comply with State requirements to control the discharge of stormwater pollutants under the NPDES/Construction General Permit. As this project will disturb greater than one acre, prior to the start of construction/demolition, a Notice

of Intent will be filed with the State Water Board describing the project. In complying with State requirements to control the discharge of stormwater pollutants under the NPDES/Construction General Permit, the project will be required to develop and maintain a Storm Water Pollution Prevention Plan, which will include the use of BMPs to protect water quality until the site is stabilized. Standard permit conditions under the NPDES/Construction General Permit require that the applicant utilize various measures including: on-site sediment control BMPs, damp street sweeping, temporary cover of disturbed land surfaces to control erosion during construction, and utilization of stabilized construction entrances and/or wash racks, among other factors. Additionally, in many Bay Area counties, including San Mateo County, projects must also comply with RWQCB, San Francisco Bay Region, Municipal Regional Stormwater NPDES Permit (MRP) (Water Board Order No. R2-2009-0074). This MRP requires that all projects implement BMPs and incorporate Low Impact Development practices into the design that prevent stormwater runoff pollution, promote infiltration, and hold/slow down the volume of water coming from a site. To meet these permit and policy requirements, the project would incorporate the use of such elements as tree planters, grassy swales, and bioretention and/or detention basins. Compliance with these permits would prevent significant negative water quality impacts and improve stormwater runoff compared to existing conditions at the project site, and further avoid water quality impacts on the San Francisco Bay. Implementation MM BIO-2 (Erosion and Sedimentation Control) described above in Section 6.1.3 would further minimize any adverse indirect effects on waters or wetlands from construction-related activities (e.g., dewatering discharge).

With the water quality protection measures required by compliance with the general construction permit and the MRP and implementation of MM BIO-2, the project would not have a substantial adverse effect on federally or state protected waters, and impacts would be less than significant under CEQA.

6.4 Impacts on Wildlife Movement and Nursery Sites

Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites

Impacts on Wildlife Movement (No Impact)

Development that fragments natural habitats (i.e., breaks them into smaller, disjunct pieces) can have a twofold impact on wildlife: first, as habitat patches become smaller, they are unable to support as many individuals (patch size), and second, the area between habitat patches may be unsuitable for wildlife species to traverse (connectivity). Despite its location along the San Francisco Bay, the project site does not provide important environmental corridors for movement of aquatic or terrestrial wildlife species. The project site is situated along the Pacific Flyway for migratory birds and may host occasional migratory birds that stopover to rest and forage. However, due to the disturbed habitat that covers a majority of the site, other nearby areas, such as Coyote Point which supports more complex habitats, attract more migratory species. The site is situated near Anza Lagoon, an urban aquatic park to the north, and common urban-adapted species such as the native raccoon (*Procyon lotor*) and common bird species likely make small-scale movements between the two sites to forage and breed. However, few other terrestrial species depend on the site as a movement corridor. Sanchez Creek does attract a variety of fish, which likely travel between the San Francisco Bay and Sanchez Lagoon and Marsh to

forage and rest. However, proposed project features along Sanchez Creek, such as the water rescue/kayak launch, will not impede movement of fish along the creek. The combination of positive sloped grading and the rock entrance elevation incorporated into the tidal marsh design will provide positive drainage and will avoid fish stranding at the marsh at low tide. Furthermore, the majority of the project site will remain open space, and after restoration of the site is completed, will provide higher quality habitat compared with the current conditions. As such, the project will increase foraging and resting opportunities for migratory birds along the Pacific Flyway.

6.4.2 Impacts on Wildlife from Artificial Lighting

Many animals are sensitive to light cues, which influence their physiology and shape their behaviors, particularly during the breeding season (Ringer 1972, de Molenaar et al. 2006). Artificial light has been used as a means of manipulating breeding behavior and productivity in captive birds for decades (de Molenaar et al. 2006), and has been shown to influence the territorial singing behavior of wild birds (Longcore and Rich 2004, Miller 2006, de Molenaar et al. 2006). While it is difficult to extrapolate results of experiments on captive birds to wild populations, it is known that photoperiod (the relative amount of light and dark in a 24-hour period) is an essential cue triggering physiological processes as diverse as growth, metabolism, development, breeding behavior, and molting (de Molenaar et al. 2006). This holds true for birds, mammals (Beier 2006), and other taxa as well, suggesting that increases in ambient light may interfere with these processes across a wide range of species, resulting in impacts on wildlife populations.

Artificial lighting may indirectly impact mammals and birds by increasing the nocturnal activity of predators such as owls, hawks, and mammalian predators (Negro et al. 2000, Longcore and Rich 2004, DeCandido and Allen 2006, Beier 2006). The presence of artificial light may also influence habitat use by rodents (Beier 2006) and by breeding birds (Rogers et al. 2006, de Molenaar et al. 2006) by causing avoidance of well-lit areas, resulting in a net loss of habitat availability and quality.

Excessive lighting can also alter the behavior of migrating birds. Vertical beams can disorient birds flying at lower altitudes. Birds that encounter beams from up-lights are likely to respond to the lights and may become disoriented or attracted to the lights to the point that they collide with buildings or other nearby structures.

Within the last ~100 years, fish have been exposed to artificial lighting at night and can potentially affected by artificial lighting in several ways: changes to essential behaviors such a feeding, schooling and migration, increased predation, and effects on metabolic processes and reproduction (Nightingale et al. 2006, Longcore et al. 2018a, 2018b, Brayley et al. 2021). The project is not expected to affect spawning, since salmonid, green and white sturgeon, and longfin smelt do not spawn in the project area. The project is also not expected to delay upstream migration of adult salmonids, because South San Francisco Bay is a migration corridor, and adults are likely using water quality cues to move quickly through the channel to freshwater tributaries to spawn. The project could increase susceptibility of outmigrating juvenile salmonids to predation since light disrupts their movements (Johnson et al. 2005, Rondorf et al. 2010) and attracts their predators (Nelson et al. 2021). The

activity of certain salmonids in San Francisco Bay, including adult green sturgeon, are independent of light level without discernable peaks in activity throughout the day or based on light level (Kelly et al. 2007).

Currently, there is no lighting on the site, but there is a substantial amount of lighting associated with development west and south of the site. Still, trees that line the site along Bayview Place and Airport Boulevard offer some amount of shielding of this lighting and much of the site is not exposed to artificial lighting. The project would include outdoor lighting in the landscape and along the exterior of the education center. Lighting will be designed with sensitivity to the adjacent restored habitat and existing habitats (i.e., Sanchez Creek and the Bay) such that the lighting will avoid glare, excess light and light pollution, select light color to minimize effects of wildlife, and reduce high contrasting lighting. Additionally, automated interior blackout shades would be installed on all windows on the education center's north/northwest and east facades as well as the galleries' south facing clerestory windows. These shades would be programmed to close when the building is not in use and between 10pm and sunrise. Given the amount of existing lighting adjacent to the site and the proposed minimization of lighting on the site, the project would not have appreciably greater illuminance than the existing conditions. Furthermore, those species that currently occur on the site are adapted to artificial lighting and would continue to use the site after it is constructed. However, because the lighting design has not been finalized, MM BIO-9 is included to ensure the project would sufficiently minimize potential impacts of lighting.

6.4.2.1 Mitigation Measure BIO-9: Minimize Exterior Lighting

To the extent consistent with the normal and expected operations of the completed project, measures shall be implemented to minimize the degree to which natural habitats on and surrounding the project site are illuminated by project lighting. Such measures may include the installation of motion-sensor lighting, automatic light shut-off mechanisms, downward-facing exterior light fixtures, the use of Dark-Sky-compliant lighting, and others. Exterior lighting within the project footprint shall be shielded as needed to block illumination from shining upward, or outward into the bay and Sanchez Creek.

6.4.3 Impacts due to Bird Collisions

Development of the project would result in the construction of one new building on a currently undeveloped site. Construction of the new buildings may increase the risk of avian mortality due to collisions. Glass windows and building facades can result in injury or mortality of birds due to collisions with these surfaces. Because birds do not perceive glass as an obstruction the way humans do, they may collide with glass when the sky or vegetation is reflected in glass (e.g., they see the glass as sky or vegetated areas); when transparent windows allow birds to perceive an unobstructed flight route through the glass (such as at corners); and when the combination of transparent glass and interior vegetation (such as in planted atria) results in attempts by birds to fly through glass to reach that vegetation. These risks are highest for buildings in or near areas of high avian activity or movement, such as migratory corridors, large open spaces, large water bodies, and riparian habitats. The project site is located along the Pacific Flyway and is within one mile of Coyote Point Recreation Area, which supports large numbers of resident and migratory bird species (Cornell Lab of Ornithology 2021). Currently, avian abundance and diversity is low on the project site, despite the site's proximity to Coyote Point.

This is due to the relatively low quality habitat that currently exists on the site and the surrounding development. Once the project is completed, it is anticipated that avian abundance will increase on the site, especially in the restored marsh and ecotone habitats. Thus, the site could be perceived as an "oasis" of bird habitat. Though many of the species associated with the bay shoreline and marsh habitats are not expected to use the upland habitats on the project site, many resident and migratory species will move between the project site and nearby habitats. Thus, following construction of the project, birds using on-site habitats and flying between habitats on the site or flying through the area (from any direction) have some potential to collide with the new building in the absence of bird safe facades.

There are no adopted San Mateo County or City of Burlingame bird-safe design standards. However, given the expected increased value of the site to birds after construction, more birds are expected to utilize and/or fly through the site over the long term, relative to existing conditions. Enough individuals of a variety of species can potentially strike the new building over the long term that we consider bird-building collisions to be a potentially significant impact under CEQA.

To avoid impacts to birds due to collisions, the project has incorporated a variety of bird-safe design features into the facade of the education building. For example, the education building will incorporate bird-safe glazing on certain portions of the building to reduce the frequency of bird collisions with glazed facades. The minimum extent of the proposed bird-safe glazing treatment on the building's facades would include the large glass panels on the north/northwest and east facades. Bird-safe glazing treatments may include fritting, netting, permanent stencils, frosted glass, exterior screens, physical grids placed on the exterior of glazing, or ultraviolet patterns visible to birds. The bird-safe pattern would have vertical elements at least ¼-inch wide at a minimum spacing of 4 inches, and horizontal elements at least ⅛-inch wide at a minimum spacing of 2 inches. With these proposed bird safe design features, impacts due to bird collisions would be sufficiently minimized.

6.4.4 Impacts on Pacific Herring Spawning Habitat

The San Francisco Bay is home to the largest population of Pacific herring in California. This species provides food for a variety of Bay species that occur in the Bay and is an economically important fishery for the region (Watters et al. 2004). Pacific herring spawn on a variety of natural and artificial substrates including eelgrass, rocks, oyster reefs, pier pilings, and riprap in intertidal and shallow subtidal habitat. Due to their ecological value and economic importance in the Bay, this fishery has been monitored annually since the early 1970s by CDFW (CDFW 2019a).

In the vicinity of the project site, spawning has been documented within one mile of the site at Coyote Point in 2021 and recent years (CDFW 2019a, The Lost Anchovy 2021, Watters et al. 2004) and approximately 8 miles to the north at Candlestick Point during the 2018-2019 season, but they have also been documented approximately 4 to 6 miles to the north at San Bruno Point and Oyster Point in previous years (Watters et al. 2004). Spawning has not been reported along the shoreline of the project site during ongoing monitoring of this portion of the Bay, and therefore Pacific herring are unlikely to spawn on the site. However, because potential spawning habitat is present on site and herring are known to spawn within one mile of the site, the

potential for spawning cannot be ruled out. Nevertheless, the project has an in-water work window (June 1 – November 30) that precludes in-water work during the spawning season; thus, impacts to spawning herring will be sufficiently avoided.

6.4.5 Impacts on Nesting Birds

Construction disturbance during the bird nesting season (February 1 through August 31, for most species) could result in the incidental loss of eggs or nestlings, either directly through the destruction or disturbance of active nests or indirectly by causing the abandonment of nests. Due to the absence of native-dominated or sensitive habitats from the project site, the habitat on the site supports primarily regionally common, urban-adapted breeding birds, and the numbers that occur on the site (i.e., two to three pairs of each species) represent only a very small proportion of these species' regional populations. In addition, many of these birds are expected to continue to nest and forage on the project site following project construction. Although the project will remove the majority of existing trees, new trees will be planted and restoration of the site will improve habitat conditions by providing restored tidal salt marsh and marsh-upland ecotone habitats. These habitats along with other landscaping will continue to provide food and structural resources for the common, urban-adapted resident and migrant birds that use the site, and may create nesting and foraging opportunities for additional species. Therefore, project impacts on nesting and foraging birds that occur on the site would not rise to the CEQA standard of having a substantial adverse effect. However, all native birds that may nest on the project site are protected by the MBTA and/or the CFGC. Therefore, we recommend implementation of the measures in Section 7.1 to avoid conflicts with the MBTA and CFGC.

6.5 Impacts due to Conflicts with Local Policies

Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance

6.5.1 Impacts Due to the Removal of Ordinance-Sized Trees

The proposed project would remove up to 11 trees that meet the definition of "protected" trees by City of Burlingame. Per the City of Burlingame Tree Ordinance, permits from the City's planning and building department and payment of a fee are required for the removal of any trees which meet the definition of "protected" tree, as defined in Section 3.3 above. The removal of trees protected by the City of Burlingame's tree ordinance, in the absence of compliance with the City's Municipal Code, would be considered potentially significant under CEQA. In accordance with the provisions of the City of Burlingame tree protection ordinance, the project will comply with standard City of Burlingame tree removal permit conditions and replace trees that are removed in accordance with these tree removal policies. Such compliance will sufficiently minimize any potential impacts due to conflicts with the City's tree preservation ordinance.

6.6 Impact due to Conflicts with an Adopted Habitat Conservation Plan

Conflict with the provisions of an adopted habitat conservation plan, natural community conservation plan, or other approved local, regional, or state habitat conservation plan (no impact)The San Bruno Mountain Habitat Conservation Plan is the only Habitat Conservation Plan that has been approved in San Mateo County, but this plan does not cover the project site or the surrounding vicinity. No Natural Community Conservation Plans have been approved or are in preparation in San Mateo County. Therefore, the proposed project would not conflict with any adopted Habitat Conservation Plans or Natural Community Conservation Plans, or with any other approved local, regional, or state habitat conservation plans.

6.7 Cumulative Impacts

Cumulative impacts arise due to the linking of impacts from past, current, and reasonably foreseeable future projects in the region. The cumulative impact on biological resources resulting from the project in combination with other projects in the project vicinity and larger region would be dependent on the relative magnitude of adverse effects of these projects on biological resources compared to the relative benefit of impact avoidance and minimization efforts prescribed by planning documents, CEQA mitigation measures, and permit requirements for each project; compensatory mitigation and proactive conservation measures associated with each project. In the absence of such avoidance, minimization, compensatory mitigation, and conservation measures, cumulatively significant impacts on biological resources would occur.

Future development activities in this part of Burlingame may result in impacts on the same habitat types and species that will be affected by the project. Implementation of the project, in combination with other projects in the area and other activities that impact the species that are affected by this project, could contribute to cumulative effects on special-status fish and EFH, federally or state protected wetlands and waters, or contribute to bird-building collisions. Other projects within the vicinity that may affect similar habitats and species include the Burlingame Point Project, an office/life science campus located at 300 Airport Boulevard immediately adjacent to the project site, the 567 Airport Blvd Project a new, eight-story office/research & development building (241,679 square feet) and parking garage located adjacent to the project site at 567 Airport Boulevard, and the Topgolf - 250 Anza Boulevard Project, located 0.6 miles to the west, and involving the development of commercial recreation and sports complex on an approximately 13-acre portion of a City owned property.

However, these projects will adhere to the aforementioned measures to avoid, minimize, and mitigate impacts on these resources. Further, the project would implement several BMPs and mitigation measures to reduce impacts on both common and special-status species, as described above. Thus, provided that this project successfully incorporates the mitigation measures described in this Biological Resources Report, the project will not contribute to substantial cumulative effects on biological resources.

Section 7.0 Compliance with Additional Laws and Regulations

7.1 Regulatory Overview for Nesting Birds

Several species of common native birds protected by the MBTA and the CFGC may nest in both native and nonnative trees, shrubs, and herbaceous plantings within the landscaped or grassland areas on the site or immediately adjacent to the site. The removal of vegetation or demolition of buildings supporting active nests may cause the direct loss of eggs or young, while construction-related activities located near an active nest may cause adults to abandon their eggs or young. This type of impact would not be significant under CEQA, in our opinion, because of the local and regional abundances of the species that could potentially nest on the site and the very low magnitude of the potential impact of development on these species (i.e., the project is expected to impact only two to three pairs of these species, which is not a substantial impact on their regional populations). However, the following measures should be implemented to ensure that project activities do not violate the MBTA and the CFGC:

- **Avoidance of the Nesting Season—**To the extent feasible, commencement of demolition and construction activities should be scheduled to avoid the nesting season. If demolition and construction activities are scheduled to take place outside the nesting season, all potential demolition/construction impacts on nesting birds protected under the MBTA and the CFGC will be avoided. The nesting season for most birds in San Mateo County extends from February 1 through August 31.
- **Pre-Activity/Pre-Disturbance Surveys—**If it is not possible to schedule construction activities between September 1 and January 31, then pre-activity surveys for nesting birds should be conducted by a qualified biologist to ensure that no nests will be disturbed during project implementation. We recommend that these surveys be conducted no more than seven days prior to the initiation of demolition or construction activities. During this survey, the biologist will inspect all trees and other potential nesting habitats (e.g., trees and shrubs) in and immediately adjacent to the impact areas for nests.
- **Non-Disturbance Buffers—**If an active nest is found sufficiently close to work areas to be disturbed by these activities, the biologist will determine the extent of a construction-free buffer zone to be established around the nest (typically 300 feet for raptors and 100 feet for other species, but subject to variation depending on the opinion of the biologist), to ensure that no nests of species protected by the MBTA and the CFGC will be disturbed during project implementation.
- **Inhibition of Nesting—**If construction activities will not be initiated until after the start of the nesting season, all potential nesting substrates (e.g., bushes, trees, grasses, and other vegetation) that are scheduled to be removed by the project may be removed prior to the start of the nesting season

(e.g., prior to February 1). This will preclude the initiation of nests in this vegetation, and minimize the potential delay of the project due to the presence of active nests in these substrates.

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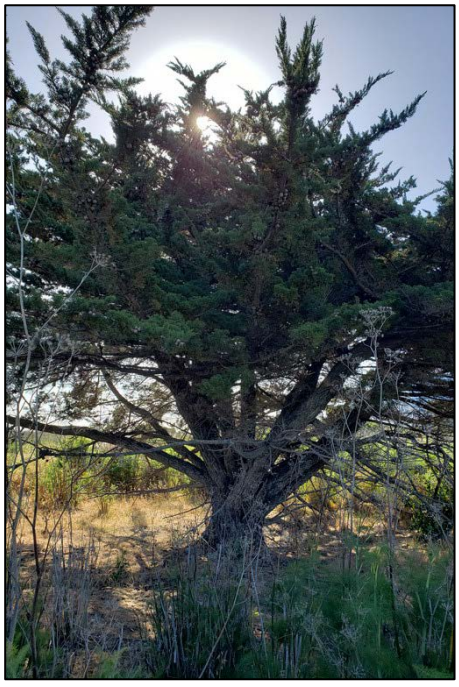
Appendix A. Plants Observed on the Project Site

Family	Scientific Name	Common Name
Anacardiaceae	*Toxicodendron diversilobum*	Poison oak
Apiaceae	*Foeniculum vulgare*	Fennel
Asteraceae	*Carduus pycnocephalus*	Italian thistle
Asteraceae	*Dittrichia graveolens*	Stinkwort
Asteraceae	*Erigeron canadensis*	Canada horseweed
Asteraceae	*Euryops pectinatus*	Golden daisy mush
Asteraceae	*Grindelia camporum*	Gumweed
Asteraceae	*Helminthotheca echioides*	Bristly ox-tongue
Asteraceae	*Pseudognaphalium luteoalbum*	Jersey cudweed
Asteraceae	*Sonchus asper*	Spiny sowthistle
Asteraceae	*Tragopogon porrifolius*	Salsify
Asteraceae	*Wyethia sp.*	
Brassicaceae	*Lepidium latifolium*	Broadleaved pepperweed
Brassicaceae	*Raphanus sativus*	Wild radish
Convolvulaceae	*Calystegia sepium*	Hedge bindweed
Cupressaceae	*Cypress sp.*	Monterey cypress
Cyperaceae	*Carex sp.*	Sedge
Fabaceae	*Acacia melanoxylon*	Blackwood acacia
Fabaceae	*Cytisus scoparius*	Scotch broom
Fabaceae	*Genista monspessulana*	French broom
Fabaceae	*Medicago polymorpha*	California burclover
Fabaceae	*Melilotus indicus*	Annual yellow sweetclvoer
Fabaceae	*Trifolium hirtum*	Rose Clover
Fabaceae	*Vicia sativa*	Common vetch
Fagaceae	*Quercus ilex*	Holly oak
Geraniaceae	*Pelargonium x hortorum*	Garden geranium
Lamiaceae	*Salvia sp.*	
Malvaceae	*Lavatera sp.*	Mallow sp.
Malvaceae	*Malva parviflora*	Cheesweed
Myrtaceae	*Eucalyptus conferruminata*	Spider gum
Myrtaceae	*Metrosideros excelsa*	New Zealand pōhutukawa
Oleaceae	*Olea europaea*	Olive
Pinaceae	*Pinus sp.*	

Family	Scientific Name	Common Name
Plantaginaceae	*Plantago coronopus*	Cut-leaf plantain
Plantaginaceae	*Plantago lanceolata*	Ribwort plantain
Poaceae	*Avena barbata*	Slender oat
Poaceae	*Avena fatua*	Wildoats
Poaceae	*Bromus diandrus*	Ripgut brome
Poaceae	*Cortaderia selloana*	Pampas grass
Poaceae	*Cynodon dactylon*	Bermuda grass
Poaceae	*Distichlis spicata*	Salt grass
Poaceae	*Festuca perennis*	Italian rye grass
Poaceae	*Hordeum marinum* var. *gussoneanum*	Mediterranean barley
Poaceae	*Hordeum murinum*	Foxtail barley
Poaceae	*Phalaris aquatica*	Harding grass
Poaceae	*Polypogon monspeliensis*	Rabbitsfoot grass
Poaceae	*Stipa miliacea*	Smilo grass
Polygonaceae	*Rumex crispus*	Curly dock
Rosaceae	*Heteromeles arbutifolia*	Toyon
Rosaceae	*Rubus armeniacus*	Himalayan blackberry
Salicaceae	*Salix lasiolepis*	Arroyo willow
Scrophulariaceae	*Myoporum laetum*	Ngaio

Appendix B. Arborist Report



H. T. HARVEY & ASSOCIATES
Ecological Consultants
50 years of field notes, exploration, and excellence

Bay Rise Park
Arborist Report

Project #4113-02

Prepared for:

The SPHERE Institute

Prepared by:

H. T. Harvey & Associates

Ryan Hegstad
ISA Certified Arborist WE-12542A

May 1, 2024

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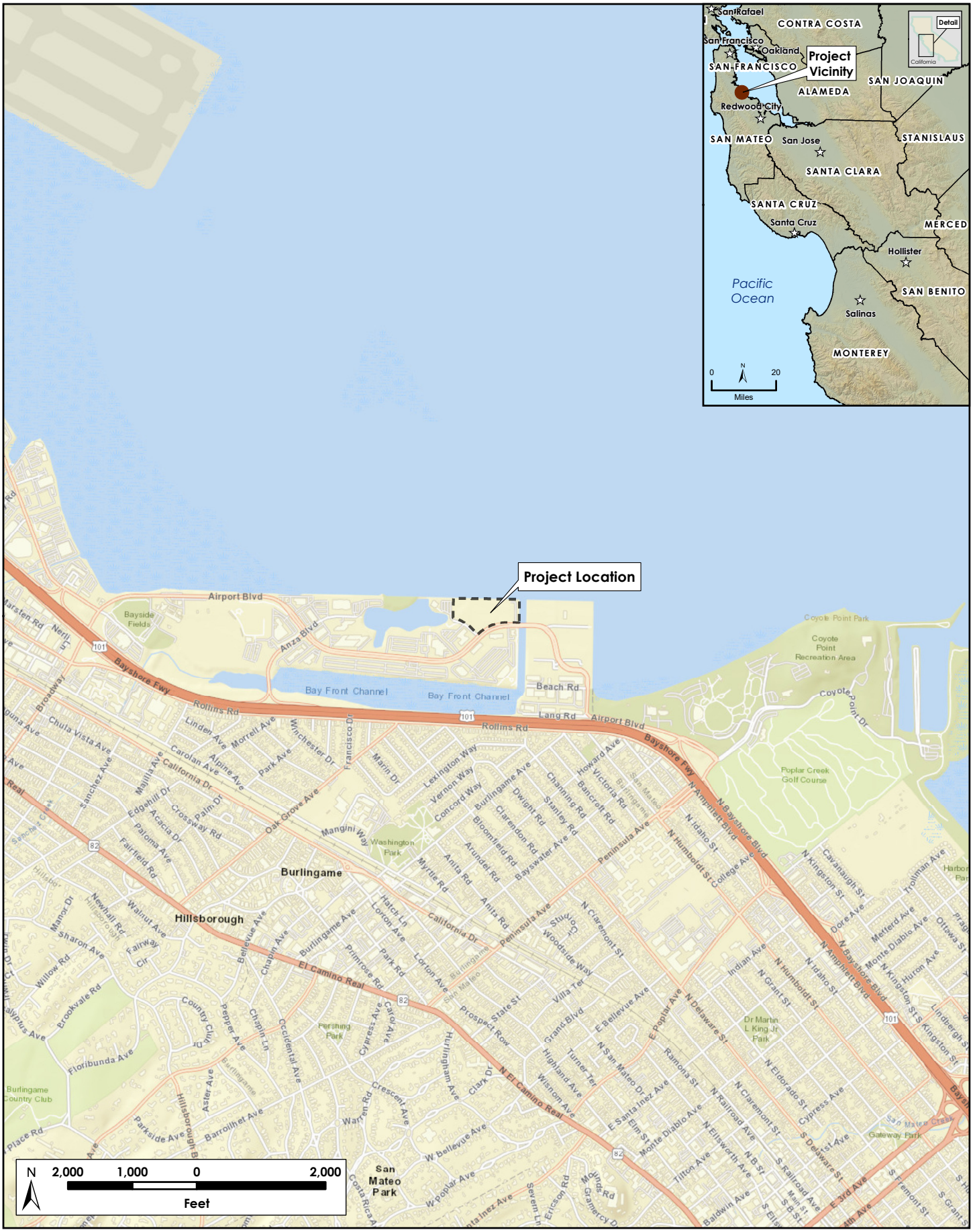
Section 1.0 Introduction

H. T. Harvey & Associates has prepared this Arborist Report, which describes the current tree conditions within the project area of The SPHERE Institute's proposed project, Bay Rise Park (referred to as the site), located in Burlingame, California (Table 1) (Figure 1). This report provides the applicable city codes and ordinances, an inventory of all trees on the site (with a diameter at breast height [DBH] greater than 4 inches), a figure showing the location of each tree in the inventory, a tree protection plan, and a table showing each tree's species, native status, DBH, health and structural scores, condition rating, and protected status per the City of Burlingame (City) Municipal Code (code).

Table 1. Properties Included in this Report

Street Address	Assessor's Parcel Number
410 Airport Boulevard	026-36-060, 026-36-061



N:\Projects4100\4113-01\02\Reports\Arborist\Fig 1 Site Extent and Locations of Existing Trees\Fig 1 Vicinity Map.mxd akaiser

H. T. HARVEY & ASSOCIATES
Ecological Consultants

Figure 1. Vicinity Map

Bay Rise Park Arborist Report (4113-02) May 2024

Section 2.0 Applicable Codes and Ordinances

2.1 Protected Tree Status

A tree with protected status is defined under item "f" in the City of Burlingame Municipal Code, Section 11.06.020 as:

> *(1) Any tree with a circumference of forty-eight (48) inches or more when measured fifty-four (54) inches above natural grade; or*
>
> *(2) A tree or stand of trees so designated by the city council based upon findings that it is unique and of importance to the public due to its unusual appearance, location, historical significance or other factor; or*
>
> *(3) A stand of trees in which the director has determined each tree is dependent upon the others for survival.*

Additionally planted trees within the public Right of Way (ROW) (i.e. Street Trees) are under control and are maintained by the City of Burlingame as defined in the City of Burlingame Municipal Code, Section 11.04.035:

> *It is unlawful for any person to cut down, trim, prune, plant, remove or injure or destroy any tree, shrub or plant in or upon any street or public place in the City without a permit therefore from the [Parks & Recreation] Director." Violators of this section are subject to fine and fines can be substantial.*
>
> *Do not trim, prune, cut or damage a City tree. If you notice a problem with a problem City tree, call the Parks Division at 558-7330 and report the problem. In emergency situations, City crews will respond 24 hours a day. In non-emergency situations, a City staff member will inspect the tree as soon as possible, usually within 3 days.*
>
> *Do not remove a City tree. If you are interested in having your City Street Tree considered for removal, call the Parks Division at 558-7330 and ask for an appointment to meet with the City Arborist. The City Arborist will review your situation and discuss your options with you.*
>
> *Do not prune any root over 2" in diameter on a City Street Tree. Severe root pruning can be detrimental to the health of the tree. Call 558-7330 to set up an appointment with the City Arborist.*
>
> *Do not plant any tree in the City's right-of-way. Every single family parcel is entitled to one street tree, provided by the City at no charge. If you wish to have another City Street Tree planted, call 558-7330. An appointment will be made for you with the City Arborist to discuss tree options and locations. If it is agreed that another street tree is appropriate at your location, you will be required to purchase the tree and the City tree crew will plant it and maintain it at no cost to you in the future.*
>
> *Do water your Street Tree. The City does not have the staff or equipment to water 11,000+ street trees and so residents or their gardeners are asked to water City trees on a regular basis during the dry season of the year. Please use care not to over-water or "drown" the tree.*

Do call the Parks Division if you observe a City Street Tree with a problem. The Parks Division telephone number is 650-558-7330.

2.2 Requirements Regarding Protected Trees

Requirements regarding removal of or work significantly affecting protected trees are described in the City of Burlingame Municipal Code, Section 11.06.060:

> ***11.06.060. Notices and permits required for removal or work significantly affecting protected trees.***
>
> *(a) Removal or Pruning. Owners, or their authorized representative, of protected trees on public or private property shall obtain a permit to remove or prune a protected tree. The application shall be on a form furnished by the department and shall state, among other things, the number and location of the tree(s) to be removed or pruned by type(s) and the reason for removal or pruning of each. The application shall also include a photograph with correct botanical identification of the subject tree or tree(s). An authorized representative of the department shall make an inspection of the tree(s) and shall file a written report and his or her recommendations to the director.*
>
> *(b) Educational Conference before Work Commences. After receipt of an application, the director may require an educational conference to inform the owner of potential alternatives to the proposed removal or pruning.*
>
> *(c) Removal or Pruning of Protected Trees on Undeveloped or Redeveloped Property. When an application for development or redevelopment of a property containing one or more protected trees is filed in any office or department of the city, the person making such an application shall file a site plan showing the location of buildings or structures or of proposed site disturbances, and the location of all trees. The director shall determine if all protected trees are shown. An authorized representative of the department shall make an inspection and shall file a report of his or her findings and recommendations to the director.*
>
> *Subject to the replacement provisions of Section 11.06.090, the director shall approve the removal of protected trees within the footprint of approved construction in the R-1 zone, which construction does not require a variance, conditional use permit, or special permit under Title 25 of this code. The notice and appeal provisions of Sections 11.06.070 and 11.06.080 shall not apply to such approvals.*
>
> *(d) Review. In reviewing applications, the director shall give priority to those based on hazard or danger of disease. The director may refer any application to another department, committee, board or commission of the city for a report and recommendation, and may require the applicant to provide an arborist's report. In reviewing each application, the director shall determine:*
>
> *(1) The condition of the tree(s) with respect to disease; danger of falling; proximity to existing or proposed structures, yards, driveways and other trees; and interference with public utility services;*
>
> *(2) The necessity to remove the tree(s) in order to construct any proposed improvements to allow economic enjoyment of the property;*
>
> *(3) The topography of the land and the effect of the removal of the tree(s) on erosion; soil retention; and diversion or increased flow of surface waters;*

(4) The number of trees existing in the neighborhood on improved property and the effect the removal would have on the established standard of the area and property value. Neighborhood is defined as the area within a 300-foot radius of the property containing the tree(s) in question;

(5) The number of trees the particular parcel can adequately support according to good arboricultural practices;

(6) The effect tree removal would have on wind protection, noise and privacy; and

(7) The economic consequences and obligations of requiring a tree to remain. (Ord. 1057 § 1, (1975); Ord. 1470 § 1, 1992); Ord. 1492 § 2, (1993); Ord. 1598 § 1, (1998); Ord. 1603 § 9, (1998))

Section 3.0 Methods

This report is based on a tree inventory and assessment that was completed on May 21, 2020 by H. T. Harvey & Associates' arborist Ryan Hegstad and restoration ecologist Vicki Chang. Ryan is an ISA-certified arborist (WE-12542A). On January 26, 2024, Ryan expanded the area of the tree inventory and assessment to include 4 trees in the median of Airport Boulevard and updated information on the trees originally assessed in 2020. All trees with a circumference of 13 inches (DBH of 4 inches) or greater were included in the inventory and assessment. Tasks conducted during the tree inventory and assessment consisted of the following:

- assessing the historical use, time of development, and approximate time of tree installation at the site;
- identifying each tree to species (scientific name and common name);
- assessing the native status of each tree;
- tagging each tree with an identifying number;
- recording the approximate location of each tree;
- measuring tree trunk diameter (DBH);
- determining the protected status of each tree;
- evaluating tree health and structural conditions; and
- taking two photos of each surveyed, protected tree.

Historical use of the site was assessed using Google Earth historical imagery (Google Earth 2021). Each tree species was assessed for native status (native or non-native) to Northern California. Any tree species not native to Northern California were compared to the California Invasive Plant Council (Cal-IPC) invasive plant inventory to assess their invasiveness and risk to the surrounding environment (Table 2) (Cal-IPC 2024).

DBH was measured using a diameter tape at 4.5 feet above finish grade. The protected status of each tree was evaluated based on the City's definition provided in Section 2.1 (above). This comparison was completed by calculating the corresponding DBH of the circumferences presented in the City's definition and comparing this to the measured trees. The location of each tree was recorded using a Trimble Geo 7X GPS. Tree assessments were made using ground-level visual observations and physical measurements. Each tree's health and structural conditions were given a score from 0–5 based on the criteria shown in Table 3.

Tree condition ratings were based on the combined health and structural ratings as follows:

- ***Poor*** if the summed scores were equal to or between 1 and 4
- ***Fair*** if the summed scores were equal to or between 5 and 7

- *Good* if the summed scores were equal to or between 8 and 10

An advanced assessment to quantify interior wood structure, root condition, and upper canopy condition was not performed as part of this assessment. Therefore, tasks performed did not include an excavation of the root zones of the trees, drilling for decay detection, collecting soil samples for laboratory testing, sending animal or vegetative material for laboratory testing, climbing the trees for an aerial inspection, a tree risk assessment, or a valuation (see Appendix A: Assumptions and Limiting Conditions and Appendix B: Certification of Performance). These tasks are not typically included in a standard arborist report.

Table 2. Cal-IPC Invasive Plant Ratings and Descriptions (Cal-IPC 2024)

Cal-IPC Rating	Cal-IPC Rating Description
High	These species have severe ecological impacts on physical processes, plant and animal communities, and vegetation structure. Their reproductive biology and other attributes are conducive to moderate to high rates of dispersal and establishment.
Moderate	These species have substantial and apparent-but generally not severe-ecological impacts on physical processes, plant and animal communities, and vegetation structure. Their reproductive biology and other attributes are conducive to moderate to high rates of dispersal, though establishment is generally dependent upon ecological disturbance.
Limited	These species are invasive but their ecological impacts are minor on a statewide level or there was not enough information to justify a higher score. Their reproductive biology and other attributes result in low to moderate rates of invasiveness.
Watch	These species have been assessed as posing a high risk of becoming invasive in the future in California.

Table 3. Tree Health and Structural Condition Evaluation Criteria

Condition Score	Tree Health	Tree Structure
5	A healthy, vigorous tree with a well-balanced crown. Normal to exceeding shoot length on new growth. Leaf size and color normal. No apparent pest problems or symptoms of disease. Exceptional life expectancy for the species.	Root plate undisturbed and clear of any obstructions. Root flare has normal shape. Trunk is sound and solid. No visible trunk defects or cavities. Balanced and even branch spacing, structure, and attachments.
4	Tree with slight decline in health. May have twig dieback in few parts of the tree. May have less than normal growth rate and minor deficiency in leaf development. Few pest problems or symptoms of disease. Typical life expectancy for the species.	Root plate appears normal with only superficial damage, if any. Possible signs of root dysfunction in and around trunk flare. May have minor trunk defects from previous injury with good closure. Less than 10% of bark missing. Good branch spacing, structure, and attachments.

Condition Score	Tree Health	Tree Structure
3	Tree with moderate health. Crown decline and dieback up to 25% of the canopy. Stunted shoot length on new growth. Leaves may be small and somewhat chlorotic. May have signs of pest problems and/or disease. Some decay may be present in main stem and branches. Below average life expectancy.	Root plate may have previous damage or disturbance and dysfunctional roots may be visible around main stem. Evidence of trunk damage or cavities with decay or defects may be present. Less than 25% of bark sections may be missing on trunk. Co-dominant stems may be present. Moderate branch spacing, structure, and attachments that may indicate poor pruning or damage.
2	Tree in decline. May have epicormic growth. Crown may have up to 50% dieback that may affect larger branches. May have little or no new growth on young stems. Leaf size may be small and color may indicate stress. Pest and/or disease problems may be severe. Decay may be present in main stem and branches. May be overmature. Life expectancy is low.	Root plate disturbance and defects may indicate major damage and/or girdling roots around the trunk flare. More than 25% of bark section missing. May have multiple dominant stems and/or included bark. May have poor branch spacing, structure, and attachments, and dead or broken branches. Canopy may have signs of severe damage or topping. May have extensive decay or be hollow.
1	Tree in severe decline. May have epicormic growth. Crown may have severe dieback affecting the majority of the tree. May have little or no new growth on young stems. Leaf size may be small and color may indicate severe stress. Pest and/or disease problems may be severe. Decay may be present in main stem and branches. May be overmature. Life expectancy is extremely low.	Root plate may have major structural problems that present an unacceptable risk. Tree structure may be irregular, unbalanced, and/or have multiple dominant stems. May have irregular and poor branch spacing, structure, and attachments. Dead or broken main branches may be present.
0	Dead	Dead

Section 4.0 Results

4.1 Site History and General Condition

The site and surrounding land were created by the Anza Corporation in the mid- to late 1960's by placement of fill without authorization across approximately 150 acres of former San Francisco Bay habitats. Following a lawsuit, this land was divided between the Anza Corporation and the California State Lands Commission (SLC). The 9.4-acre upland portion of the parcel is owned by SLC and was never developed. A small, paved parking lot along the eastern side of the parcel was constructed prior to 1993 (Google Earth 2021). Vegetation at the project site consists of ruderal forbs, scattered shrubs, and trees along portions the perimeter of the site as well as sparsely scattered within the site. Many of the existing trees likely existed before 1993 and may therefore be 30-55 years old.

4.2 Summary of Findings

The site includes 41 trees of nine (9) species (Figure 2, Table 4). Four (4) trees (Trees 7106, 7173, 7181, and 7184) that were included in the original survey have since died and are no longer included in this arborist report. Additionally, we have added Ngaio (*Myoporum luteum*) that are growing in tree form to this arborist report. However, most Ngaio were growing as shrubs and are not included. Eleven (11) of the 41 total trees are classified as protected and 4 of the 41 trees are considered street trees by the City of Burlingame Municipal Code (Table 5) (Appendix C). The most common species was Ngaio with 18 trees. Fifteen percent (15%) of trees were in good condition, 51% were in fair condition, and 34% were in poor condition (Table 4). Four (4) tree species (26 trees) are rated for invasiveness by Cal-IPC (Table 6) (Appendix C) (Cal-IPC 2024). A description of each tree, including scientific name, common name, native status, DBH, protected status, health score, structure score, and condition rating is presented in Appendix C.

4.3 Tree Condition

The majority of trees (51%) were in fair condition, some trees (34%) were in poor condition, and few trees (15%) were in good condition (Table 4). Many trees in fair and poor conditions had canopy dieback, or structural issues such as crossing branches or leaning or fallen over trunks. Table 4 summarizes tree condition by species.

4.4 Protected Trees

Eleven (11) protected trees (27%) were identified on site (Table 5). The majority of the protected trees are Monterey cypress and spider gum (Table 5). Additionally, 4 street trees are located in the median of Airport Boulevard. All of the street trees are London planetrees (*Platanus* × *hispanica*).

Table 4. Tree Quantity and Condition Summary

Scientific Name	Common Name	Total Trees	Tree Condition		
			Poor	Fair	Good
Acacia cyclops	Western coastal wattle	1	1	0	0
Acacia melanoxylon	Blackwood acacia	6	0	2	4
Eucalyptus conferruminata	Spider gum	5	1	4	0
Hesperocyparis macrocarpa	Monterey cypress	4	0	2	2
Heteromeles arbutifolia	Toyon	1	1	0	0
Metrosideros excelsa	New Zealand pōhutukawa	1	0	1	0
Myoporum laetum	Ngaio	18	11	7	0
Olea europaea	Olive	1	0	1	0
Platanus × hispanica	London planetree	4	0	4	0
Total		**41**	**14**	**21**	**6**

Table 5. Protected and Street Trees

Scientific Name	Common Name	Protected Trees	Street Trees
Eucalyptus conferruminata	Spider gum	4	0
Hesperocyparis macrocarpa	Monterey cypress	4	0
Metrosideros excelsa	New Zealand pōhutukawa	1	0
Myoporum laetum	Ngaio	2	0
Platanus × hispanica	London planetree	0	4
Total		**11**	**4**

4.5 Invasive Trees

Of the nine species (26 trees) observed on site, one species (18 trees) is listed by Cal-IPC as "Moderate", two species (7 trees) are rated a as having "Limited" invasiveness, and one species (1 tree) is listed as a species to "Watch" for posing a high risk of becoming invasive in the future (Table 6) (Cal-IPC 2024). A list of each species, count, and Cal-IPC rating is presented in Table 6.

Table 6. Invasive Species

Scientific Name	Common Name	Count	Cal-IPC Rating
Acacia cyclops	Western coastal wattle	1	Watch
Acacia melanoxylon	Blackwood acacia	6	Limited
Myoporum laetum	Ngaio	18	Moderate
Olea europaea	Olive	1	Limited
Total		**26**	

4.6 Photo Documentation

One to two photos of each protected tree are provided in Appendix D.

N:\Projects4100\4113-01\02\Reports\Arborist\Fig 1 Site Extent and Locations of Existing Trees\Fig 1 Site Extent and Locations of Existing Trees Pro 3.1.aprx

H. T. HARVEY & ASSOCIATES
Ecological Consultants

Figure 2. Site Extent and Locations of Existing Trees
The Park at 410 Airport Boulevard Arborist Report (4113-02)
May 2024

Section 5.0 Tree Removal and Replacement

5.1 Tree Removal

According to the Tree Disposition Plan (Sheets L1.0-L1.2) submission dated May 1, 2024, 10 of the 11 (91%) surveyed protected trees and all 4 of the street trees are scheduled to be removed (Table 7). Tree removals are required for the majority of trees onsite because of the extensive grading and elevation changes required to construct the tidal marsh and build the coastal flood protection berm (see sheets L2.1-2.2).

Table 7. Protected Tree Removal

Scientific Name	Common Name	Protected Trees	Street Trees	Protected Trees to be Removed	Street Trees to be Removed
Eucalyptus conferruminata	Spider gum	4	0	3	NA
Hesperocyparis macrocarpa	Monterey cypress	4	0	4	NA
Metrosideros excelsa	New Zealand pōhutukawa	1	0	1	NA
Myoporum laetum	Ngaio	2	0	2	NA
Platanus × hispanica	London planetree	0	4	NA	4
Total		**11**	**4**	**10**	**4**

NA = Not Applicable

5.2 Replanting Requirements

Burlingame's Municipal Code Section 11.06.090 (Tree requirements and reforestation) regulates the planting of trees during the development or redevelopment of habitable space and the replacement of protected trees removed under a tree removal permit and states:

11.06.090 Tree requirements and reforestation.

(b) Permits for removal of protected tree(s) shall include replanting conditions with the following guidelines:

(1) Replacement shall be three (3) fifteen (15)-gallon size, one twenty-four (24)-inch box size, or one thirty-six (36)-inch box size landscape tree(s) for each tree removed as determined below.

(2) Any tree removed without a valid permit shall be replaced by two (2) 24-inch box size, or two (2) 36-inch box size landscape trees for each tree so removed as determined below.

(3) Replacement of a tree be waived by the director if a sufficient number of trees exists on the property to meet all other requirements of the Urban Reforestation and Tree Protection ordinance.

(4) Size and number of the replacement tree(s) shall be determined by the director and shall be based on the species, location and value of the tree(s) removed.

(5) If replacement trees, as designated in subsection (b)(1) or (2) above, as applicable, cannot be planted on the property, payment of equal value shall be made to the city. Such payments shall be deposited in the tree planting fund to be drawn upon for public tree planting. (Ord. 1470 § 1, (1992); Ord. 1492 § 3, (1993); Ord. 1598 § 1, (1998))

5.3 Tree Replacement

Based on the replacement criteria, 42 15-inch box trees, 14 24-inch box trees or larger, or a combination of the two are required to compensate for the protected and street trees to be removed. The project plans greatly exceed this requirement, as shown on sheets L4.1-L4.2 in the project's Planning Department application.

Section 6.0 Tree Protection Plan Requirements and Recommendations

The following section provides requirements and recommendations for tree protection for consideration by the design team during preparation of redevelopment plans.

6.1 Tree Protection Requirements

Tree protection requirements of protected trees to remain during construction are described in the City of Burlingame Municipal Code, Section 11.06.050:

> *11.06.050. Prohibitions and protections.*
>
> *(b) The following conditions shall be observed during construction or development of property:*
>
> *(1) Protected trees are to be protected by a fence which is to be maintained at all times;*
>
> *(2) Protected trees that have been damaged or destroyed by construction shall be replaced or the city shall be reimbursed, as provided in Section 11.06.090;*
>
> *(3) Chemicals or other construction materials shall not be stored within the drip line of protected trees;*
>
> *(4) Drains shall be provided as required by the director whenever soil fill is placed around protected trees; and*
>
> *(5) Signs, wires or similar devices shall not be attached to protected trees. (Ord. 1057 § 1, (1975); Ord. 1470 § 1, (1992); Ord. 1598 § 1, (1998))*

6.2 Recommendations for Tree Protection during Construction

The following recommendations are intended to supplement City's requirements.

- Protective fencing should completely enclose the Tree Protection Zone, which extends past the tree's entire dripline, and should be installed prior to demolition, grubbing, or grading. Protective fencing should be maintained in good condition and free of trash, debris, excess soil, chemicals, or equipment.
- Pruning prior to construction with the intent of improving tree health is not recommended. Where temporary clearance is needed for access, tree branches should be tied back to provide clearance. If any tree to be preserved requires pruning to provide construction clearance, the work must be approved in advance by the City and performed by a Certified Arborist or Tree Worker according to the latest edition of the ANSI Z133 and A300 standards as well as the Best Management Practices—Tree Pruning published by the International Society of Arboriculture. Pruning should not occur during periods of flight of adult boring insects.

- Any work that is expected to encounter tree roots should be monitored by the City and/or an ISA-Certified Arborist.
- Excavation at the edge of Tree Protection Zones should include the following tree protection measures:
    - Hand excavate under or around tree roots to depth of three (3) feet.
    - Do not cut main lateral tree roots or taproots. When main lateral tree roots or taproots are exposed, excavation should be discontinued until instructions to resolve the conditions are received from the City and/or Consulting Arborist.
    - Redirect roots in backfill areas where possible.
    - Expose main lateral roots beyond excavation limits as required to bend and redirect them without breaking.
    - If redirection is not practical, cut roots approximately three (3) inches back from new construction.
    - Protect exposed roots from drying out before placing permanent backfill.
- Prune roots that are affected by temporary and permanent construction only with the prior approval of the City and/or Consulting Arborist. Prune roots as follows:
    - Cut roots manually.
    - Cleanly cut exposed roots one (1) inch diameter and greater with sharp pruning instrument.
    - Do not use a backhoe or other equipment that rips, tears, or pulls roots.
    - Do not paint the ends of cut roots.

6.3 Recommendations for Long-Term Maintenance

During the first three (3) years following construction and plant installation, trees require additional care and maintenance to promote healthy growth and development. The following are recommended during this period:

- Monitor and evaluate the health and structure of preserved and newly installed trees on an annual basis (or more frequently as needed);
- Prune dead and/or hanging branches to improve safety;
- Evaluate and monitor the effectiveness of the irrigation system to ensure that it meets best management practices for water-efficient irrigation;
- Develop and implement an Integrated Pest Management (IPM) program, which (1) focuses on long-term prevention of pests or their damage by managing tree health and (2) combines management

approaches to pest control such as biologic, cultural, physical, mechanical, and chemical treatments for greater effectiveness;

- Remove and replace trees in decline. Inspect trees annually for hazard potential. As trees age, the likelihood of branch or entire tree failure increases.

Section 7.0 References

City of Burlingame. Municipal Code. 2021. Section 11.06 Urban Reforestation and Tree Protection. <http://qcode.us/codes/burlingame/>. Accessed July 15, 2021, and April 9, 2024.

[Cal-IPC] California Invasive Plant Council. 2024. California Invasive Plant Inventory Database. <http://cal-ipc.org/plants/inventory/>. Accessed January.

Google Earth. 2021. Aerial imagery of APNs 110-35-005 and 110-35-006 in Sunnyvale, California. <https://www.google.com/earth/>. Accessed July 16.

Appendix A. Assumptions and Limiting Conditions

1. Any legal description provided to the consultant is assumed to be correct. Any titles and ownerships to any property are assumed to be good and marketable. No responsibility is assumed for matters legal in character. Any and all property is appraised or evaluated as though free and clear, under responsible ownership and competent management.
2. Property lines were not clearly surveyed or marked in the field by the owner, consultant attempted to provide as accurate of boundary for the inventory as possible using the limited data available.
3. Care has been taken to obtain all information from reliable sources. All data have been verified insofar as possible; however, the consultant can neither guarantee nor be responsible for the accuracy of information provided by others.
4. The consultant shall not be required to give testimony or attend court by reason of this report unless subsequent contractual arrangements are made, including payment of an additional fee for such services as described in the fee schedule and contract of engagement.
5. Loss or alteration of any part of this report invalidates the entire report.
6. Possession of this report or a copy thereof does not imply right of publication or use for any purpose by any other than the person to whom it is addressed, without the prior expressed written or verbal consent of the consultant.
7. Neither all nor any part of the contents of this report, nor copy thereof, shall be conveyed by anyone, including the client, to the public through advertising, public relations, news, sales, or other media, without the prior expressed written or verbal consent of the consultant particularly as to value conclusions, identity of the consultant, or any reference to any professional society or institute or to any initialed designation conferred upon the consultant as stated in her qualifications.
8. This report and values expressed herein represent the opinion of the consultant, and the consultant's fee is in no way contingent upon the reporting of specified value, a stipulated result, the occurrence of a subsequent event, nor upon any finding to be reported.
9. Sketches, diagrams, graphs, and photographs in this report, being intended as visual aids, are not necessarily to scale and should not be construed as engineering or architectural reports or surveys.
10. Unless expressed otherwise: a) information contained in this report covers only those items that were examined and reflects the condition of those items at the time of inspection and b) the inspection is limited to visual examination of accessible items without dissection, excavation, probing, or coring. There is no warranty or guarantee, expressed or implied, that problems or deficiencies of the plants or property in question may not arise in the future.

Appendix B. Certification of Performance

I, Ryan Hegstad, certify that:

The trees were personally inspected and the property referred to in this report and have stated my findings accurately. The extent of the evaluation is stated in the attached report and the terms of the assignment.

I have no current or prospective interest in the vegetation or the property that is the subject of this report and have no personal interest or bias with respect to the parties involved.

The analysis, opinions, and conclusions stated herein are my own and are based on current scientific procedures and facts.

My analysis, opinions, and conclusions were developed and this report has been prepared according to commonly accepted arboricultural practices.

No one provided significant professional assistance to me, except as indicated within the report.

Compensation is not contingent upon the reporting of a predetermined conclusion that favors the cause of the client or any other party nor upon the results of the assessment, the attainment of stipulated results, or the occurrence of any subsequent events.

Ryan Hegstad
ISA-Certified Arborist WE-12542A

Appendix C. Tree Assessment

Tree Tag	Scientific Name	Common Name	Native Status	DBH	Protected Status	Health Score	Structure Score	Condition Rating	Notes
2901	*Platanus × hispanica*	London planetree	Nonnative	8	Not Protected	4	3	Fair	Dormant, pruned for power lines above
2902	*Platanus × hispanica*	London planetree	Nonnative	10	Not Protected	4	3	Fair	Dormant, pruned for power lines above
2903	*Platanus × hispanica*	London planetree	Nonnative	9	Not Protected	4	3	Fair	Dormant, pruned for power lines above
2904	*Platanus × hispanica*	London planetree	Nonnative	11	Not Protected	4	3	Fair	Dormant, pruned for power lines above
7101	*Olea europaea*	Olive	Invasive—Limited	2, 2, 2	Not Protected	4	3	Fair	growing in dead Monterey Cypress, in flower, healthy leaves, multiple codominant stems
7102	*Hesperocyparis macrocarpa*	Monterey cypress	Native	34	Protected	4	4	Good	some canopy dieback, cones present, many codominant stems, measured below major branching
7103	*Hesperocyparis macrocarpa*	Monterey cypress	Native	28	Protected	3	4	Fair	Lots of canopy dieback, codominant stems, cones present
7104	*Hesperocyparis macrocarpa*	Monterey cypress	Native	26	Protected	4	4	Good	some browning on top, cones present, codominant stems
7105	*Hesperocyparis macrocarpa*	Monterey cypress	Native	25	Protected	3	3	Fair	surrounded by blackberry, damage to main leader, lot of canopy dieback
7107	*Heteromeles arbutifolia*	Toyon	Native	2, 2, 2, 1	Not Protected	1	2	Poor	Many dead branches, some regrowth
7108	*Acacia cyclops*	Western coastal wattle	Invasive—Watch	5, 4	Not Protected	2	2	Poor	Only upper quarter of tree with leaves
7109	*Myoporum laetum*	Ngaio	Invasive—Moderate	11	Not Protected	2	3	Fair	memorial carved on tree, crossing branches, epicormic branching, canopy dieback
7110	*Myoporum laetum*	Ngaio	Invasive—Moderate	12	Not Protected	3	2	Fair	leaning curved trunk, canopy dieback, flowering
7118	*Myoporum laetum*	Ngaio	Invasive—Moderate	16	Protected	1	2	Poor	epicormic branching , canopy dieback
7121	*Myoporum laetum*	Ngaio	Invasive—Moderate	7	Not Protected	1	3	Poor	very little canopy , epicormic branching
7124	*Myoporum laetum*	Ngaio	Invasive—Moderate	5, 5	Not Protected	2	2	Poor	codominant stems , leaning , canopy dieback
7126	*Myoporum laetum*	Ngaio	Invasive—Moderate	6, 6	Not Protected	2	2	Poor	codominant stems ,canopy dieback
7128	*Myoporum laetum*	Ngaio	Invasive—Moderate	7	Not Protected	1	3	Poor	extruded bark, canopy dieback
7130	*Myoporum laetum*	Ngaio	Invasive—Moderate	6	Not Protected	3	2	Fair	leaning , canopy dieback
7131	*Myoporum laetum*	Ngaio	Invasive—Moderate	7	Not Protected	2	2	Poor	epicormic branching
7134	*Myoporum laetum*	Ngaio	Invasive—Moderate	6	Not Protected	3	3	Fair	some canopy dieback
7146	*Myoporum laetum*	Ngaio	Invasive—Moderate	5	Not Protected	1	2	Poor	shaded out, little canopy
7152	*Myoporum laetum*	Ngaio	Invasive—Moderate	4	Not Protected	3	2	Fair	leaning , canopy dieback
7154	*Myoporum laetum*	Ngaio	Invasive—Moderate	12	Not Protected	2	2	Poor	broken trunk , canopy dieback
7158	*Myoporum laetum*	Ngaio	Invasive—Moderate	6	Not Protected	1	2	Poor	very little canopy , leaning , codominant stems
7161	*Myoporum laetum*	Ngaio	Invasive—Moderate	9	Not Protected	2	1	Poor	leaning, dead branches , canopy dieback
7165	*Myoporum laetum*	Ngaio	Invasive—Moderate	10, 10	Protected	1	2	Poor	codominant stems , little canopy
7166	*Myoporum laetum*	Ngaio	Invasive—Moderate	13	Not Protected	3	2	Fair	dead branches , canopy dieback , codominant stems
7169	*Acacia melanoxylon*	Blackwood acacia	Invasive—Limited	13	Not Protected	4	4	Good	some canopy dieback
7170	*Acacia melanoxylon*	Blackwood acacia	Invasive—Limited	8	Not Protected	4	5	Good	
7171	*Acacia melanoxylon*	Blackwood acacia	Invasive—Limited	11	Not Protected	3	3	Fair	leaning, some low branching

Tree Tag	Scientific Name	Common Name	Native Status	DBH	Protected Status	Health Score	Structure Score	Condition Rating	Notes
7174	*Metrosideros excelsa*	New Zealand pōhutukawa	Nonnative	14, 5	Protected	4	3	Fair	many codominant stems, lots of new growth, exposed root crown, epicormic branching
7175	*Acacia melanoxylon*	Blackwood acacia	Invasive—Limited	13	Not Protected	4	4	Good	
7176	*Acacia melanoxylon*	Blackwood acacia	Invasive—Limited	5	Not Protected	4	3	Fair	codominant stems, leaning slightly
7177	*Eucalyptus conferruminata*	Spider gum	Nonnative	11	Not Protected	3	1	Poor	laying on ground, rooted and living
7178	*Acacia melanoxylon*	Blackwood acacia	Invasive—Limited	8	Not Protected	4	4	Good	growing within spider eucalyptus
7179	*Eucalyptus conferruminata*	Spider gum	Nonnative	12, 9, 8	Protected	4	2	Fair	Laying over, weak connections , regrowing from ground upwards, crossing branches
7180	*Eucalyptus conferruminata*	Spider gum	Nonnative	15, 11	Protected	4	2	Fair	Codominant trunks near base
7182	*Eucalyptus conferruminata*	Spider gum	Nonnative	16, 11	Protected	4	2	Fair	Codominant trunks from near base
7183	*Eucalyptus conferruminata*	Spider gum	Nonnative	15, 10, 9	Protected	4	3	Fair	codominant stems, epicormic branching
NA	*Myoporum laetum*	Ngaio	Invasive—Moderate	12	Not Protected	3	3	Fair	no tag, codominant stems , crossing branches

Appendix D. Photo Documentation

Photo 1a. Tree #7102, Monterey Cypress (*Hesperocyparis macrocarpa*)
This is a protected tree and was in good condition (May 21, 2020).

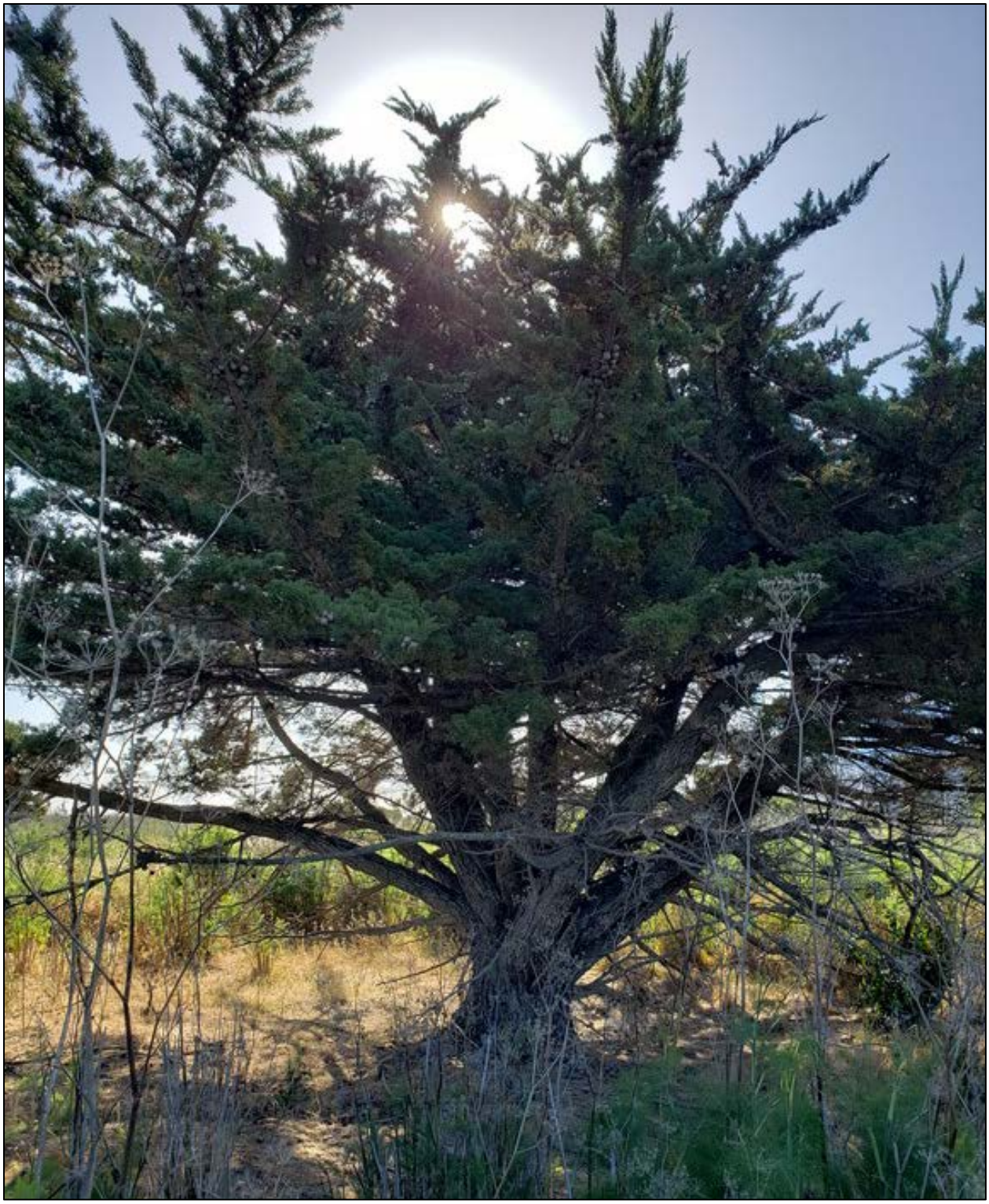


Photo 1b. Tree #7102, Monterey Cypress (*Hesperocyparis macrocarpa*)
This is a protected tree and was in good condition (May 21, 2020).

Photo 2a. Tree #7103, Monterey Cypress (*Hesperocyparis macrocarpa*)
This is a protected tree and was in fair condition (May 21, 2020).

Photo 2b. Tree #7103, Monterey Cypress (*Hesperocyparis macrocarpa*)
This is a protected tree and was in fair condition (May 21, 2020).

Photo 3a. Tree #7104, Monterey Cypress (*Hesperocyparis macrocarpa*)
This is a protected tree and was in good condition (May 21, 2020).

Photo 3b. Tree #7104, Monterey Cypress (*Hesperocyparis macrocarpa*)
This is a protected tree and was in good condition (May 21, 2020).

Photo 4a. Tree #7105, Monterey Cypress (*Hesperocyparis macrocarpa*)
This is a protected tree and was in fair condition (May 21, 2020).

Photo 4b. Tree #7105, Monterey Cypress (*Hesperocyparis macrocarpa*)
This is a protected tree and was in fair condition (May 21, 2020).

Photo 5a. Tree #7118, Ngaio (*Myoporum luteum*)
This is a protected tree and was in poor condition (February 6, 2024).

Photo 5b. Tree #7118, Ngaio (*Myoporum luteum*)
This is a protected tree and was in poor condition (February 6, 2024).

Photo 6a. Tree #7165, Ngaio (*Myoporum luteum*)
This is a protected tree and was in poor condition (February 6, 2024).

Photo 6b. Tree #7165, Ngaio (*Myoporum luteum*)
This is a protected tree and was in poor condition (February 6, 2024).

Photo 7a. Tree #7174, New Zealand Pōhutukawa (*Metrosideros excelsa*)
This is a protected tree and was in fair condition (May 21, 2020).

Photo 7b. Tree #7174, New Zealand Pōhutukawa (*Metrosideros excelsa*)
This is a protected tree and was in fair condition (May 21, 2020).

Photo 8a. Tree #7179, Spider Gum (*Eucalyptus conferruminata*)
This is a protected tree and was in fair condition (January 24, 2024).

Photo 8b. Tree #7179, Spider Gum (*Eucalyptus conferruminata*)
This is a protected tree and was in fair condition (January 24, 2024).

Photo 9. Tree #7180, Spider Gum (*Eucalyptus conferruminata*)
This is a protected tree and was in fair condition (January 24, 2024).

Photo 10a. Tree # 7182, Spider Gum (*Eucalyptus conferruminata*)
This is a protected tree and was in fair condition (May 21, 2020).

Photo 10b. Tree #7182, Spider Gum (*Eucalyptus conferruminata*)
This is a protected tree and was in fair condition (May 21, 2020).

Photo 11a. Tree #7183, Spider Gum (*Eucalyptus conferruminata*)
This is a protected tree and was in fair condition (May 21, 2020).

Photo 11b. Tree #7183, Spider Gum (*Eucalyptus conferruminata*)
This is a protected tree and was in fair condition (May 21, 2020).

Appendix C. Results of the Preliminary Eelgrass Survey

Merkel & Associates, Inc.
1670 Chester Ave, Arcata, CA 95521
Telephone 707/407-7469

San Diego, CA ● Arcata, CA ● Nehalem, OR ● Tacoma, WA

August 5, 2021
M&A #21-027-01

Ms. Karen Verpeet
Senior Associate – Landscape Architect
H.T. Harvey & Associates
983 University Avenue, Building D
Los Gatos, CA 95032
408 458 3227

Mr. Max Busnardo, M.S.
Principal, Restoration Ecologist
H.T. Harvey & Associates
983 University Avenue, Building D
Los Gatos, CA 95032
408 458 3222

Preliminary Eelgrass Survey for the
Burlingame Shoreline Park Project, Burlingame, California

Dear Ms. Verpeet and Mr. Busnardo:

This letter serves to transmit information regarding the preliminary eelgrass (*Zostera marina*) survey conducted in support of permitting for the Burlingame Shoreline Park Project located at 410 Airport Blvd. in Burlingame, California.

PURPOSE AND INTRODUCTION

Merkel & Associates, Inc. (M&A) was retained by H.T. Harvey & Associates (HTH) to provide technical guidance in support of assessing whether eelgrass was present within close proximity to proposed shoreline improvements at 410 Airport Blvd. in Burlingame, California. The project area of potential effect (APE) was defined by a 45-meter buffer extending bayward of the project boundary and included the tidally-influenced lower reach of Sanchez Creek (Figure 1). Eelgrass surveys were conducted in conformance with the California Eelgrass Mitigation Policy (CEMP; NOAA 2014).

PROJECT LOCATION AND SURVEY AREA

The proposed Burlingame Shoreline Park Project is located at 410 Airport Blvd. in Burlingame, California and is situated along the western shore of San Francisco Bay approximately two miles south of the San Francisco International Airport. The project site primarily consists of undeveloped

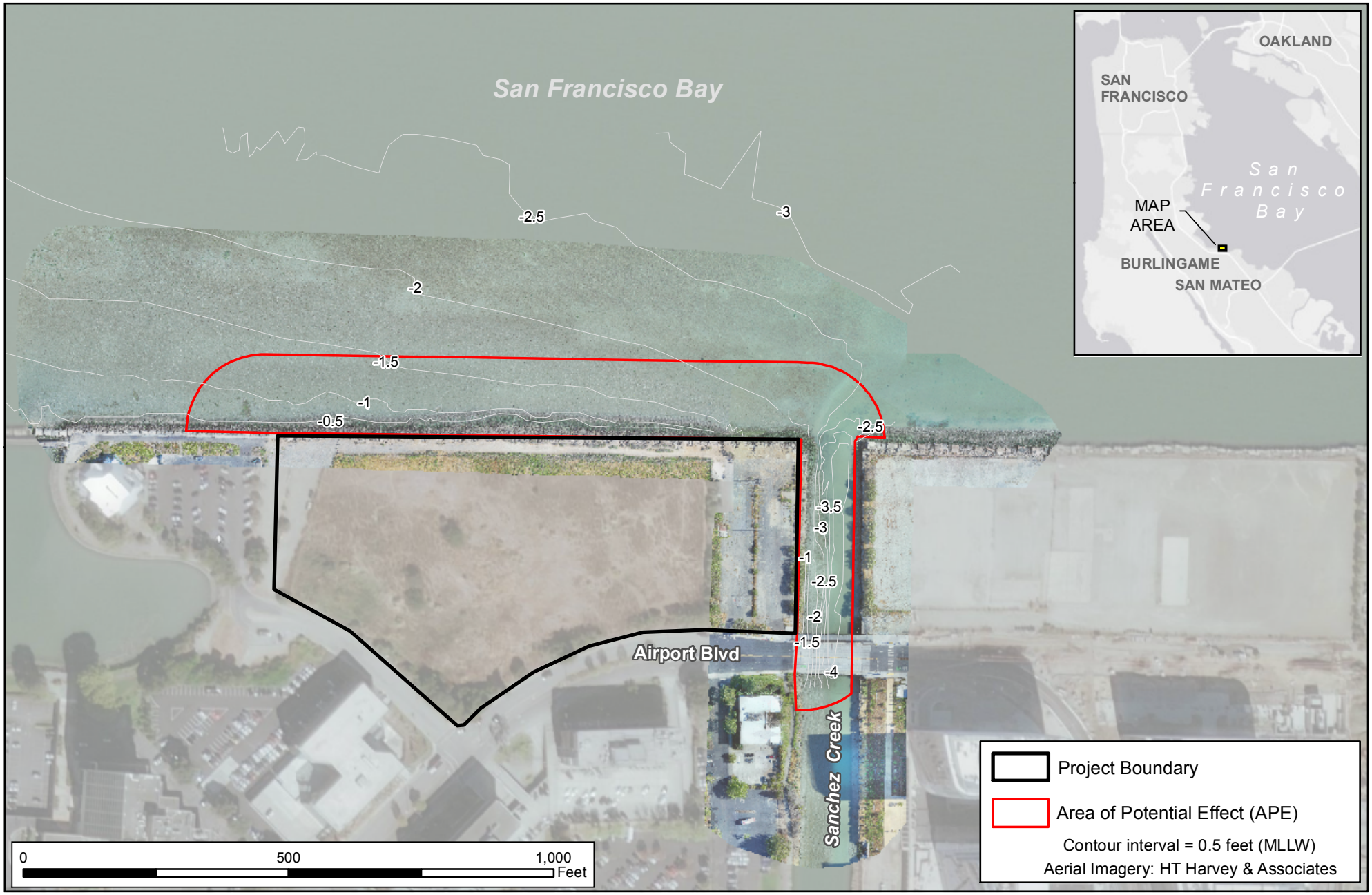
uplands near the head of a small peninsula composed of bay fill, with armored shoreline revetment present along the northern boundary of the project area and along both banks of the lower reach of Sanchez Creek (Figure 1) on the east side of the project area. The APE was defined to include tidally-influenced portions of the project area within Sanchez Creek and extending 45 meters bayward of the project area boundary.

SURVEY METHODOLOGY

Under the guidance of M&A, HTH staff conducted the preliminary eelgrass surveys on April 30, and May 28, 2020 during low tide conditions, with water levels ranging from approximately -1.4 feet to -0.8 feet mean lower low water (MLLW), and -1.8 feet to – 1.3 feet MLLW respectively, during the surveys. To facilitate mapping and to identify an appropriate eelgrass reference area with similar site characteristics in close proximity to the project area, an unmanned aerial vehicle (UAV) was used to survey the project APE and adjacent intertidal areas located to the west and east of the project area where eelgrass has previously been detected during baywide comprehensive surveys (M&A, 2009; Figure 2).

Color and-near infrared imagery were collected to support detection and mapping of eelgrass, using automated flight control software to capture overlapping still images of the study area from an altitude of approximately 200 feet above ground level. Structure-from-motion (SFM) photogrammetry software (ArcGIS Drone2Map) was then used to create rectified orthomosaics of the survey area (Figure 1). Aerial imagery-based assessment was ultimately deemed appropriate for determining eelgrass presence/absence within the project area and adjacent tidelands under extreme low tide conditions (e.g. tidal water level ≤ -1 foot MLLW) given the shallow maximum depths encountered along the bay margin (approximately -2.5 feet MLLW) and lower Sanchez Creek (-4 feet MLLW). However; results of the preliminary flights covering the project area indicated that water clarity, surface texture, and solar illumination conditions were also critical factors for ensuring that any eelgrass encountered would be readily visible in the aerial imagery. Following completion of the May UAV survey, aerial orthoimagery was then evaluated using spectral and object-oriented image analysis techniques to determine whether eelgrass was present within the survey area. Ground truthing was subsequently conducted on June 15th during a - 0.5 foot low tide with an emphasis on lower Sanchez Creek, where the presence of several mixed algal beds identified in the imagery and associated with cobble/rubble substrate could have had the potential to mask or obscure sparse eelgrass in the aerial imagery.

View facing west from the mouth of Sanchez Creek at low tide on June 15, 2021. The shoreline along the bay margin within the APE consists of concrete revetment, with rock and cobble armor transitioning to mudflat between 0 and -2 feet MLLW along the northern perimeter of the project area.



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Preliminary Eelgrass Survey - May 2021

Burlingame Shoreline Park Project
410 Airport Blvd, Burlingame, California

Figure 1

Merkel & Associates, Inc.

SURVEY RESULTS

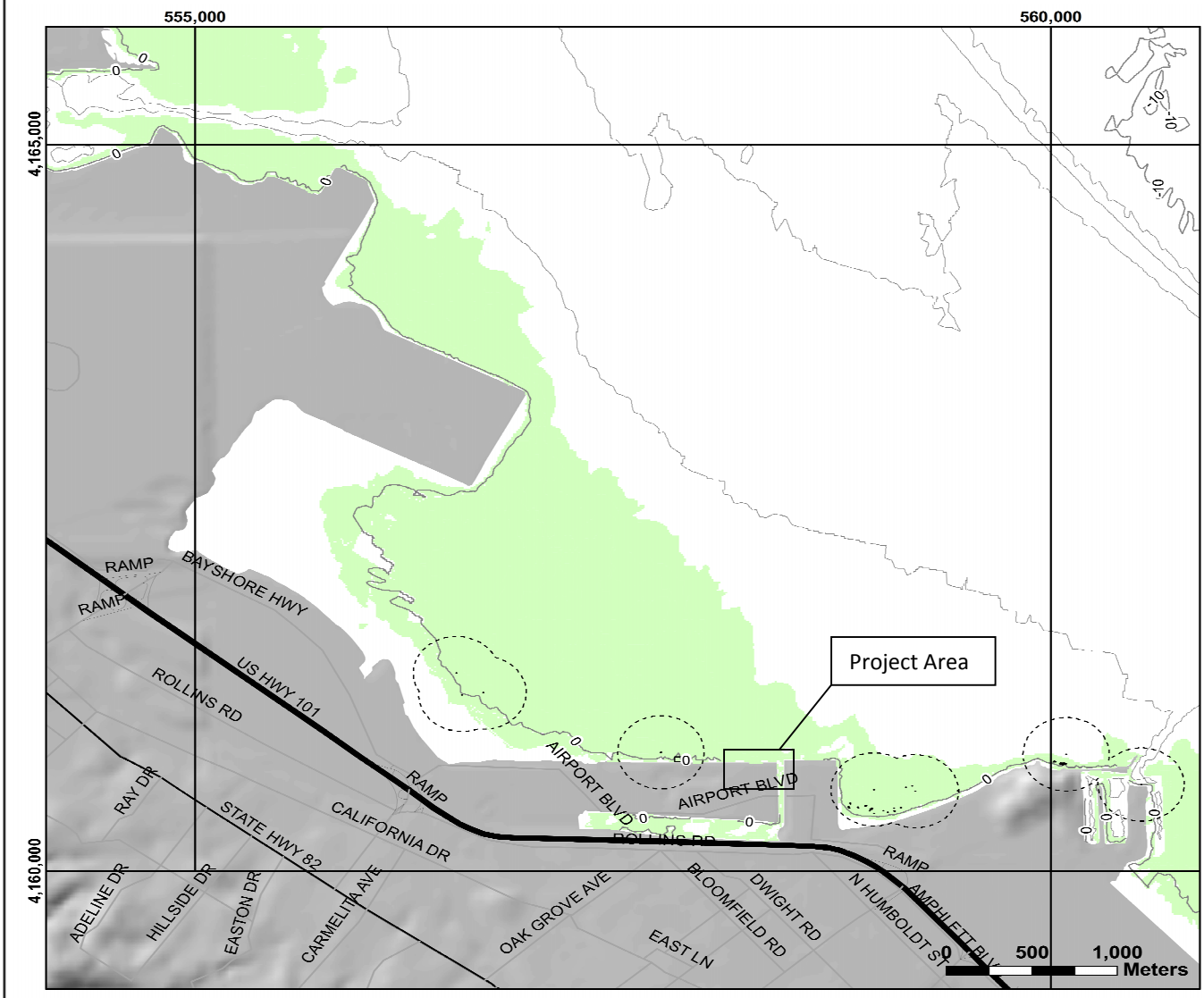
The preliminary aerial survey conducted on April 30 did not result in the identification of any eelgrass within the APE, however; unfavorable wind-wave conditions and elevated turbidity precluded comprehensive coverage of the subtidal portion of the survey area. A follow up aerial survey conducted on May 28 during calmer weather conditions and at slightly lower tidal water levels was successful at fully resolving the bay floor within the survey coverage area, which extended approximately 200 – 320 feet beyond the APE (Figure 1). Following processing and orthorectification, aerial orthoimagery provided a ground resolution of approximately 2.4 cm/pixel and seamless coverage throughout the entirety of the APE. Image analysis and interpretation were subsequently performed by M&A staff. No eelgrass was found within the broader survey area following analysis of the May 28th orthoimagery. Several locations where mixed algal beds were identified and whose spectral signatures and textural complexity warranted closer inspection were selected for follow-up ground truthing, which was completed during low tide conditions on June 15th and confirmed that no additional eelgrass was present within the APE.

View facing north from left bank of Sanchez Creek near the creek mouth with San Francisco Bay visible in the background. In the foreground, red and green algae can be seen growing within a matrix of rock/rubble embedded in finer-grained substrate. A remnant piling is visible near the middle of the channel.

Low intertidal and shallow subtidal areas within the bay adjacent to the project area appear to provide potentially suitable substrate conditions and depths to support eelgrass below the toe of the shoreline rock armor. Eelgrass has been found in relatively low abundance within approximately 1,600 feet east of the project area in 2014 (M&A, 2015) and a small, isolated patch was observed approximately 1,000 feet west of the project area in 2009 but was not present in 2014 baywide surveys. Areas where eelgrass has been found have slightly different degrees of wave exposure relative to the project area's shoreline and observations of wind-wave conditions during the April 30th mapping flights suggest that this portion of the bay can be subject to substantial hydrodynamic energy, which may limit eelgrass from becoming established in areas where substrate conditions and depths appear otherwise favorable.

Within the lower portions of Sanchez Creek, shoreline revetment creates near vertical sideslopes along the tidally-influenced margins of the channel within the project area, with rock and rubble embedded in a

Red and green macroalgae attached to rock armor along the toe of the shoreline at 410 Airport Blvd. near the mouth of Sanchez Creek in Burlingame, CA.



SAN FRANCISCO BAY, CALIFORNIA
Eelgrass 2009

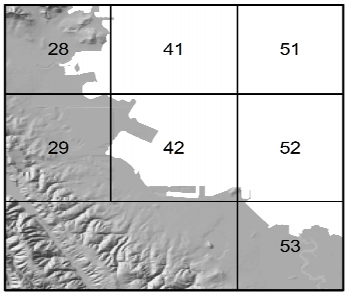
Merkel & Associates, Inc.
San Diego, CA - Tel: (858) 560-5465

Horizontal Datum: UTM NAD83 Zone 10N
Vertical Datum: MLLW (meters)

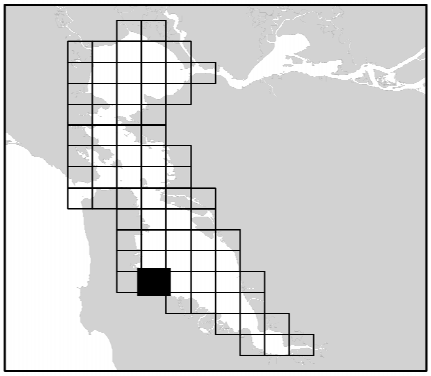
Note: Charts are for planning and management purposes only. Information application is limited by survey scale and some error is expected. Information is not to be used for navigation or specific project applications.

Eelgrass Coverage
- 1-5%
- 6-20%
- 21-40%
- 41-100%
- Max Documented Eelgrass Extent
- 2009 Eelgrass 250m buffer
- ELVS Predictive Model 2009

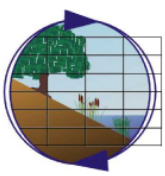
SHEET VICINITY



SHEET LOCATOR



SHEET 42 OF 72



San Francisco Baywide Eelgrass Atlas (2009)
Sheet 42 of 72

Figure 2

matrix of finer-grained substrate in lower intertidal and shallow subtidal areas of the channel. Given the channel's entrenched geometry, hardened banks, and evidence of scour in the lower portion of the confined creek channel, it is likely that the distribution of shear stress across the channel bottom precludes eelgrass establishment in areas where depth and substrate conditions might otherwise be suitable. Further, in reviewing available aerial imagery and based on observations made during the surveys, it appears that Sanchez Creek experiences persistently elevated turbidity relative to the adjacent, open bay waters, which suggests that light limitation may be an additional constraining factor with respect to eelgrass occurrence within this portion of the project area.

DISCUSSION AND RECOMMENDATIONS

No eelgrass was detected within the APE nor was any found to occur within several hundred feet of the APE. Given the absence of eelgrass within the APE and more broadly within this immediate area of the bay, no impacts to eelgrass are expected from the proposed work. However; given the history of intermittent eelgrass presence in the near vicinity of the proposed project and prior eelgrass habitat suitability modeling predicting potentially suitable conditions occurring within the project area, a pre-construction survey may be requested by the resource agencies as specified in the CEMP (NOAA, 2014).

If you have any questions regarding this survey or the recommendations made, please do not hesitate to call.

Sincerely,

Whelan Gilkerson
Senior Biologist

Keith Merkel
Principal Ecologist

LITERATURE CITED

Merkel & Associates, Inc. 2015. San Francisco Bay Eelgrass Inventory October-November 2014. Submitted to National Marine Fisheries Service.

Merkel & Associates, Inc. 2009. San Francisco Bay Eelgrass Inventory October-November 2009. Submitted to California Department of Transportation and National Marine Fisheries Service.

NOAA Fisheries, West Coast Region. 2014. California Eelgrass Mitigation Policy and Implementing Guidelines. October 2014.

Appendix C
Cultural Resources Report

PALEOWEST

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info@paleowest.com

Bay Area, California
1870 Olympic Boulevard, Suite 100
Wanlut Creek, CA 94596

September 25, 2024

Shannon George, Principal Project Manager
David J. Powers and Associates, Inc.
1871 The Alameda, Suite 200
San Jose, California 95126

RE: Standard Records Search and Literature Review in Support of Bay Rise Park at 410 Airport Boulevard, Burlingame, San Mateo County, California

Dear Shannon George,

At your request, PaleoWest, LLC (PaleoWest) conducted a Standard Records Search and Literature Review in support of Bay Rise Park at 410 Airport Boulevard Project (Project) in the Anza Airport Park development in the City of Burlingame, San Mateo County, California (Figure 1).

The Project is on two vacant lots on Assessor's Parcel Numbers (APNs) 026-363-600 and 026-363-610 and extends into the adjacent Sanchez Creek (Project area), totaling 10.2 acres (Figure 2). This will be a California Environmental Quality Act (CEQA) reviewed project by the City of Burlingame as the CEQA lead agency. This letter report presents the results of the records search and literature review.

PROJECT DESCRIPTION

The proposed Project at 410 Airport Boulevard is a collaboration between The SPHERE Institute (SPHERE) and the San Mateo Resource Conservation District (SMRCD). The purpose of the Project is to transform the vacant 10.2 acres of bayfront land owned by the State Lands Commission into a public nature and recreation park. The Project would also restore the natural tidal marsh ecology of the San Francisco Bay shoreline.

PREPARER'S QUALIFICATIONS

This report was prepared and reviewed by the following archaeologists and the Principal Investigator who meet the Secretary of the Interior's (SOI) *Professional Qualification Standards for Archaeology* (NPS 1983):

- PaleoWest Senior Archaeologist Lora Holland, M.A., RPA #989173, oversaw the archaeological assessment and authored this report. Holland meets the *Secretary of the Interior's Professional Qualifications Standards for Archeology* (48 CFR 44716).

- Garrett Root, M.A., is a Senior Architectural Historian and Program Manager and authored this report. Root has over a decade of experience conducting historic-period resource investigations across the United States.
- Hannah Goldman, M.A., is an Architectural Historian who assisted with the Built Environment field inventory and analysis. Goldman has an M.A. in Architectural History from the University of Virginia and has three years of experience in historic preservation and cultural resource management in California.

RECORDS SEARCH RESULTS

On July 28, 2021, PaleoWest Senior Archaeologist Lora Holland conducted a records search of the Project area and a 0.25-mile (mi) search radius at the Northwest Information Center (NWIC) at Sonoma State University (NWIC File #21-0146) (Figure 1). The NWIC, an affiliate of the State of California Office of Historic Preservation (OHP), is the official state repository of cultural resources records and reports for San Mateo County.

The NWIC records search did not identify any previously recorded cultural resources in the Project area or within the 0.25-mi search radius. One previous cultural resource study was conducted within the Project area, and seven within the search radius were on file at NWIC. These studies included records searches, literature reviews, and field surveys (Table 1 and Table 2). No cultural resources were identified by these studies.

LITERATURE REVIEW

In addition to conducting a records search at NWIC, PaleoWest examined standard sources of information that identify known and potential historical resources to determine whether any buildings, structures, objects, districts, or sites had been previously recorded or evaluated in or near the Project area. This included a review of the California Historical Landmarks and Points of Interest publications and updates, the California OHP Built Environment Resource Directory (BERD) for San Mateo County, the National Register of Historic Places (NRHP), the California Register of Historical Resources (CRHR), and any available local registers. Historic-era maps and aerial photographs of the Project area were examined to identify the potential for historic-period (45 years and older) cultural resources within or adjacent to the Project area.

The closest known historic resources to the Project area include the NRHP-listed Burlingame Southern Pacific Railroad station constructed in 1894 at 290 California Drive and the locally designated Severn Lodge Dairy Wallscape mural painted on the side of the building at 220 California Drive. Both resources are approximately 0.80 mi south of the Project area (EnvisionBurlingame.org 2021; National Park Service [NPS] 2021).

Figure 1. Project location map with 0.25-mi search radius buffer, Burlingame, San Mateo County, California.

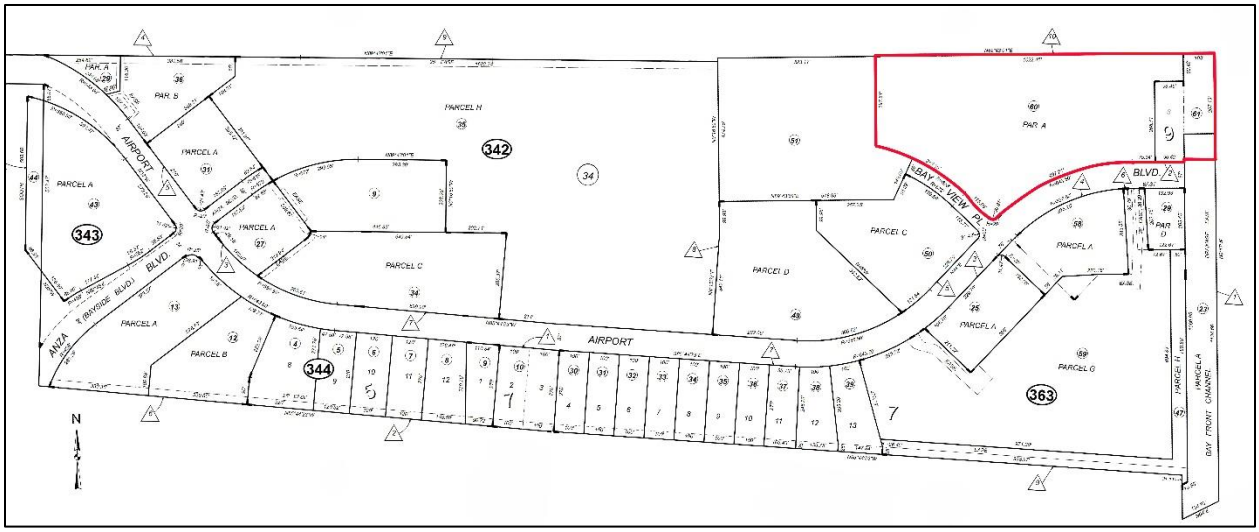

Figure 2. APN map with Project area depicted in red lines (source: San Mateo County Assessor 2021).

Table 1. Previous Cultural Investigations Within the Project area at NWIC

Report Author (Year; NWIC Study Number)	Title	Results
Suzanne Baker and Ward Hill (1998; S-020508)	Archaeological Survey and Historic Architectural Survey of the Low-Level Windshear Alert System (LLWAS) Project, Sites #4, #5 and #8, San Mateo County, California	No resources were identified within or adjacent to the current Project area.

Table 2. Previous Cultural Investigations Within the Search Radius of the Project Area at NWIC

Report Author (Year; NWIC Study Number)	Title	Results
David Chavez (1977; S-003045)	An Archaeological Field Reconnaissance of a Proposed Building Site in Burlingame (letter report)	No resources were identified within or adjacent to the current Project area.
Stacy Kozakavich and Alexandra Merritt-Smith (2008; S-038684)	A Cultural Resources Study for the San Mateo County SMART Corridors Project, San Mateo County, California	No resources were identified within or adjacent to the current Project area.
Colin I. Busby (2002; S-026297)	Historic Properties Survey Report, Route 101 Auxiliary Lanes Project, Third Avenue to Millbrae Avenue, San Mateo County, California: 04-SM-101, K.P. 21.7/28.8 (P.M. 13.5-17.9), EA 26420K	No resources were identified within or adjacent to the current Project area.
Rebecca Loveland Anatasio, et al. (1988; S-010402)	A Cultural Resources Assessment for San Francisco Resource Study Supply (San Mateo Substation to Martin Substation), Daly City to City of San Mateo, San Mateo County SMART Corridors Project, San Mateo County, California	No resources were identified within or adjacent to the current project area.
Lorna Billat (2000; S-027752)	Nextel Communications Wireless Telecommunications Service Facility – San Mateo County, Nextel Site No. 2284B / Drive In Theater (letter report)	No resources were identified within or adjacent to the current Project area.

Report Author (Year; NWIC Study Number)	Title	Results
Julia Franco and Vicki Beard (2015; S-049448)	A Cultural Resources Study for the Rollins Road Stormwater Conveyance System Project, Burlingame, San Mateo County, California	No resources were identified within or adjacent to the current Project area.
Michael Meloy and Kathleen Kubal (2017; S-049125)	Historic Property Survey Report for the US 101 Managed Lanes Project, EA 04-1J560	No resources were identified within or adjacent to the current Project area.

HISTORICAL CONTEXT

The 10.2-acre Project area is part of 155 acres of reclaimed tidelands along the San Francisco Bay that were initiated by commercial real estate developers and brothers David and George Keyston in 1962 (Figure 3). The Keyston brothers formed Reclamation District No. 2097 and hired a civil engineer to develop a plan to reclaim the 155 acres to create a light-industrial and commercial development. The development would be created in segments and would require 3,450,000 cubic yards of fill at an estimated cost of $3,100,000 (San Mateo Times 1962, 1963).

The first phase of reclamation efforts was the construction of a dike around the perimeter of the 155 acres and fill was excavated from the baylands and placed at the eastern and western peripheries. The eastern segment was developed as the 40-acre rectangular plan Anza Airport Park and was completed in 1964. This segment is physically separated from the remainder of the development by the man-made Sanchez Creek, a north-south trending channel, which was designed in response to concerns about drainage that could affect the adjacent county beach and park at Coyote Point. The first business to build on the newly reclaimed land on the east end of the development was a four-sided drive-in movie theatre in the middle of the 40-acre section (Figure 4 and Figure 5) (San Mateo Times 1962, 1964; USGS 1965).

Protests by the State Lands Commission over permitting and legality of reclamation of the tidelands slowed the Keyston brothers' further reclamation efforts. Some fill was added to the west and east ends and a bridge to carry vehicular traffic over Sanchez Creek was installed in the summer of 1968. The map for the final unit in the subdivision, where the Project area is, was preemptively filed with the County Recorder in 1969 before the reclamation of that portion of the development was complete. In 1971, the Keyston brothers, under their company Anza Pacific Corporation, purchased a 1922-constructed military transport ship moored in Jack London Square in Oakland that had been converted into a restaurant. Anza Pacific Corporation paid to have the ship towed to Sanchez Creek and it was moored within the current Project area. Many restaurant iterations operated within the ship that remained at this location until 2014 when it was towed to the Port of Stockton (Oakland Tribune 1971; RecordNet.com 2014; San Mateo County Recorder 1969; San Mateo Times 1968, 1972b).

Reclamation efforts continued in earnest after 1972 when Anza Pacific Corporation, the State Lands Commission, and the U.S. Army Corps of Engineers agreed upon the creation of a 12-acre lagoon along the northern boundary on the east end of the development. The lagoon was constructed as a mitigation measure to reduce the impacts of the reclamation project on the environment. The Project area was completed by 1973, and the following year, the 12-acre lagoon was completed and the entire 155 acres were reclaimed (Figure 6) (San Mateo Times 1972a, 1972b; USGS 1973, 1974).

Since completion, the Project area has remained undeveloped. A section on the east end was paved to serve as a parking lot for the ship restaurant and a small section on the west end was cleared and surfaced with gravel. This unpaved gravel area was occasionally used as overflow parking for an adjacent restaurant to the west until 2020, when SPHERE as the lessee took over management of the parcel and installed vehicular barriers to prevent loitering and ongoing trash accumulation and dumping.

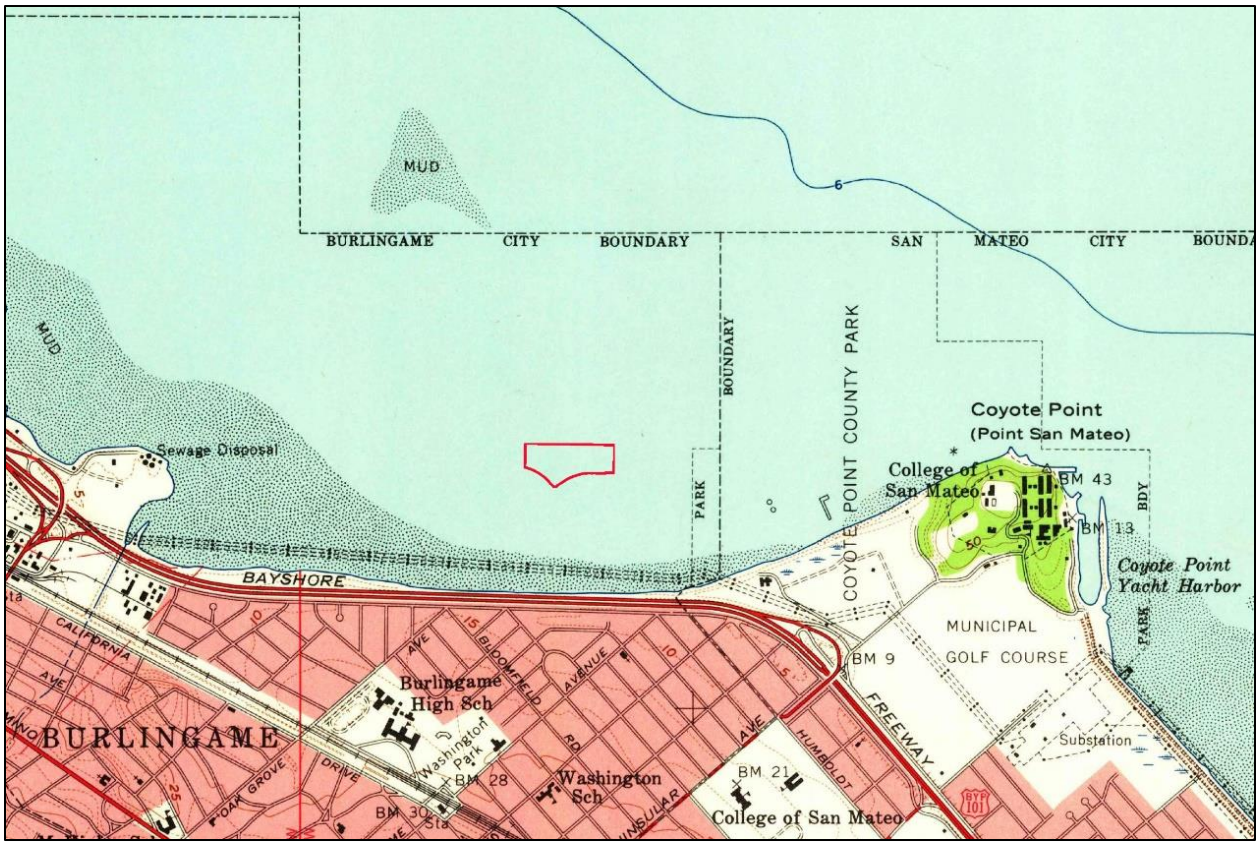

Figure 3. 1956 map with approximate location of Project area boundary depicted in red lines before reclamation efforts (source: USGS 1956).

Figure 4. 1965 aerial photograph showing progress of reclamation with approximate location of the Project area boundary depicted in red lines; the 40-acre Anza Airport Park undergoing reclamation at east end (far right) (source: University of California Santa Barbara [UCSB] 1965).

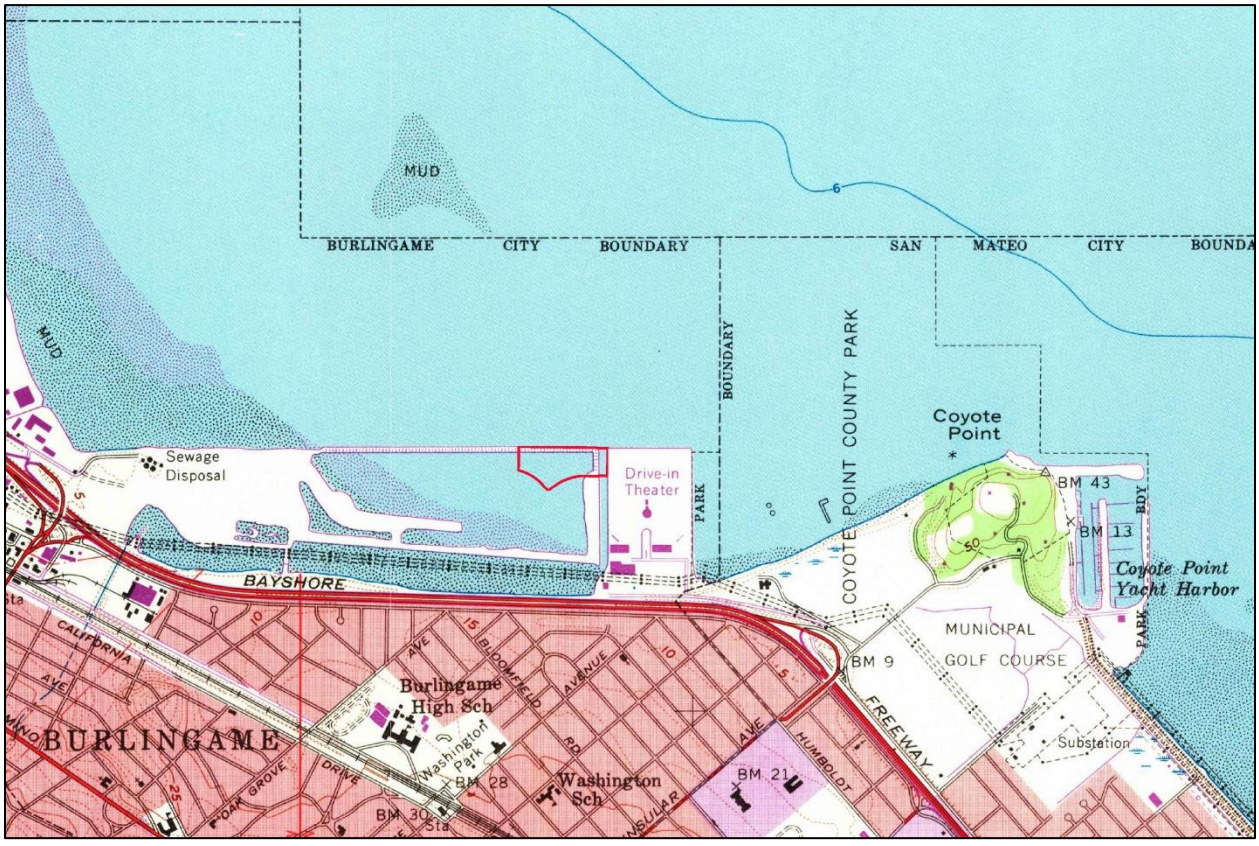

Figure 5. 1968 map showing additional fill added to west and east ends, with approximate location of Project area boundary depicted in red lines (source: USGS 1968).

Figure 6. 1974 aerial photograph showing completed reclamation project, 12-acre lagoon, and bridge over Sanchez Creek with approximate location of the Project area boundary depicted in red lines (note: the ship in Sanchez Creek was towed to this location in 1971 [Source: USGS 1974]).

PRECONTACT SITE SENSITIVITY ANALYSIS

The Project is in an area where it has the potential to affect buried prehistoric and historical archaeological resources. Geoarchaeological modeling can be used to quantify this potential and potentially identify depths at which buried soils and zones of higher sensitivity may be present. This section presents the results of geoarchaeological modeling for the Project area and the associated landform. The resultant geoarchaeological model was developed from a review of geological literature and geology maps; modern and historical aerial imagery, maps, and charts; historical ecology; and LiDAR elevational modeling.

GEOLOGICAL SETTING

An understanding of the geological setting and paleoenvironment of the Project area helps to establish both the potential for archaeological resources within the proposed area of construction impacts and the depths at which historical features and prehistoric or historic archaeological deposits might be expected to be found.

The San Francisco Peninsula is part of the Coast Ranges geomorphic province, with hills formed by Pliocene and Pleistocene deformation and fracturing of sedimentary Franciscan Complex rocks formed in the Jurassic and Cretaceous Periods 160–70 million years ago. Estuarine sediments, such as the Yerba Buena Mud, or "Old Bay Clay" (ca. 125,000 Before Present [B.P.]) and terrestrial sediments such as the Colma Formation (deposited prior to 11,000 B.P.), and Holocene dune sand (from ca. 11,000 B.P.) were deposited over bedrock as sea levels fluctuated over time.

During the last glacial maximum, approximately 22,000 years B.P., large ice sheets covered portions of the globe producing worldwide sea levels a minimum of 100 meters (m) (328 feet [ft]) lower than today (Byrd et al. 2010). The Californian coastline was between 25–50 km (15.5–31 mi) west of its current location and the San Francisco Bay was a broad inland valley, referred to by today's geologists as the "Franciscan Valley." The runoff from the Sacramento and San Joaquin Rivers converged in the valley to form the "California River," which flowed through the

Carquinez Strait and into the Franciscan Valley. Runoff from smaller streams and rivers draining this valley merged into the river, which emptied into the Pacific Ocean near the current location of the Farallon Islands. The Franciscan Valley supported grassland and riparian plant and animal communities. The melting of the ice sheets and concurrent rising of the oceans pushed the Californian coastline eastwards. Until 7,000 B.P., sea levels rose rapidly at an average rate of 6.7 m (almost 22 ft per 1,000 years). The lower elevations of the Franciscan Valley and California River were inundated during this period, creating San Francisco Bay.

Between 7,000–6,000 B.P., there was a decline in the rate of sea level rise worldwide, and, locally, inundation of the Franciscan Valley continued more gradually (Byrd et al. 2010). After about 4,000 years ago, as the rate of sea level rise continued to slow, sediments carried into the newly formed bay were deposited near the shoreline by creeks, and other sources began to aggrade at the same rate or faster than the rate of inundation forming deltaic deposits, tidal flats, and tidal marshes. During this time in the middle Holocene, extensive tidal marsh deposits developed around the Bay. Large alluvial floodplains formed from material deposited in the lower reaches of streams and river channels, and where these alluvial surfaces were relatively stable, paleosols (prehistoric surface soils) formed. Near the bay shoreline, bay mud and marsh deposits buried Holocene-age land surfaces in areas where these had not been eroded away by the rising bay. Throughout the late Holocene, the San Francisco Bay grew, marshlands expanded, and large tidal mudflats and peat marshes continued to form.

The Colma Formation (adapted from Graymer 2018; Johnson and Bartow 2018) consists of a grouping of members, including beach sand, alluvium, and colluvium that overlie the Merced Formation and Franciscan Complex and is primarily located in southwest San Francisco. Near the Project area, the formation is mostly found along the margins of San Francisco Bay and consists of poorly consolidated to unconsolidated fine-grained sand and silt representing non-marine deposits as well as near-shore, fore-shore, and back-shore beach deposits with a thickness that can exceed 60 m. The formation was deposited between 130,000 to 11,000 years ago during a time when sea levels were lower, and therefore, the deposits fill many near-shore underwater valleys. The age of this formation predates human habitation in the region, and therefore, the possibility of finding cultural materials incorporated into Colma Sand is low to none. However, it represents a significant stratigraphic marker for the lowest depth of cultural materials. Where exposed, the surface of this formation will likely have formed paleosols and the contact may be sensitive for buried resources.

The Young Bay Mud (YBM) are soft, water-saturated, estuarine deposits found in southern San Francisco Bay and the present-day and past marshlands bordering the bay that date to less than 10,000 years (McDonalds et al. 1978) that are being actively deposited. On-shore, YBMs tend to be found along the bay coast where historically tidal marshes were found that are now buried by artificial fill. YBM is typically highly plastic silty clay that contains interbeds of fluvial silty to clayey sand lens from near-shore streams. YBM is often subdivided into two types, including soft organic-rich clay, which was deposited offshore, and sandy/silty clay to silty sand, which represents near or onshore deposition.

BURIED SITE SENSITIVITY

The Project area is on the western side of the San Francisco Peninsula, about 26 kilometers (km) (16 mi) south of Carquinez Strait in a shallow embayment between San Mateo Point (now Coyote Point) and San Bruno Point (USGS 1892). At current sea levels, the Project area is

offshore near an alluvial plain extending northeast into the valley from Buri Buri and Sawyer Ridges. East of the Project area is Coyote Point, consisting of sandstone and chert of the Franciscan Complex (Pampeyan 1994). The alluvial plain is Pleistocene and Holocene alluvium with alluvial deposits extending to the historical shoreline south of Project area and likely dipping beneath. Marsh deposits overlie the lower portions of the plain along the coast and are present near Coyote Point to the south and east and along the coast to the north, averaging about 1 km wide. Colma Formation deposits unconformably overlie older portions of the plain to the south and west of the Project area. Several small unnamed creeks debouch onto the plain to the southwest of the Project area, not reaching the Bay, while San Mateo Creek flows into the marshes southeast of the Project area.

The Project area is on reclaimed land consisting of fill emplaced in San Francisco Bay in the 1960s. Prior to 1969, emplaced fills lacked regulation and have limited resistance to earthquake induced liquefaction, making them unsafe for construction (Hitchcock et al. 2008). The filled area consists of approximately 263 acres of reclaimed land extending northward 550 m (1,800 ft) from the former natural shoreline into the Bay. The constructed landform ranges (LiDAR surface elevation models; ESRI 2024) between less than a meter to about 20 m (66 ft) above mean sea level with elevations in the Project area ranging between 2.5 and 4.0 m (9 to 13 ft). Review of modern aerials (ESRI 2024) shows that most of the surface of this landform is covered by commercial structures, parking, and recreational space. The Project area is open space consisting of grassland and a few trees.

Review of historical ecology models (San Francisco Estuary Institute [SFEI] 1998) based on T-Sheets and historical mapping of the Bay models the former coastline in the mid-nineteenth century prior to the development of the Peninsula. This model indicated that the former coastline was just to the north of Interstate 101 and consisted of a very narrow north-facing beach with grasslands and chaparral extending to the south. A small natural pond was to the west and several creeks draining Buri Buri Ridge debouched onto the landform but did not reach the Bay. To the east on the inland side of Coyote Point, extending to the south, was a tidally influenced marsh associated with San Mateo Creek. To the north, a tidal marsh was present extending up to San Bruno Point. Tidal flats extended 330 m (1,000 ft) northward from the beach south of the Project area, widening to the north. The area underlying the Project area specifically was mapped as shallow bay, and a historical map of San Francisco Bay (USGS 1862) indicates a water depth of less than 1 m (1 to 3 ft) where the Project area is now located (modern bathymetric data [Fregoso 2020] indicate a similar depth of 0.5 to 1.5 m (1 to 5 ft) west of the Project area).

Geologic mapping (Pampeyan 1994) of the alluvial deposits immediately south of the Project area indicate the presence of Holocene medium-grained alluvium (Qam). The alluvium is unconsolidated to moderately consolidated moderately sorted sand and silty to clayey sand. This deposit locally contains interbeds of well-sorted clay, silt, and gravel, indicative of past pannes or ponds and creeks. The estimated thickness of this deposit is 20 to 30 ft. Cross sections of the Bay indicate a pattern of where Holocene alluviums dip beneath estuarine deposits (YBM or marsh) and extend several kilometers into the Bay (Atwater et al. 1977). These deposits overlie Pleistocene aged alluvium and older estuarine deposits.

On shore, Colma Formation deposits discontinuously cover portions of the Pleistocene alluvial deposit about 1 to 2 km south and west of the Project area. Off-shore, presumably overlying Qam deposits as they dip northeastward into the Bay beneath the Project area, is YBM (Qhbm).

It is unknown if the Colma Formation extends into the Project area overlapping older alluvium. YBM thickness beneath the Project area is estimated at 1 to 2 m (3 to 7 ft) based on maps showing thickness of YBM (McDonalds et al. 1978) for the Bay area modeled from nearby coring data. Compression and surface disturbances during the emplacement of fill have likely affected this thickness. Upper contact of Holocene deposits can be estimated at 1.5 to 3 m (5 to 10 ft) below mean sea level (bmsl) by adding former water depth and YBM thickness. Depth to bedrock is estimated at between 200 to 300 ft deep (Brabb et al. 1998), also derived from coring data.

Review of sea level rise curves suggest that sea levels in the Bay were down 1.5 to 3.0 m approximately 2,000 to 3,500 years ago (cal B.P.; Meyer 2014; Meyer et al. 2013) marking a terminal date for exposure of the area beneath the Project area prior to inundation. At this point, depositional processes shifted from terrestrial to estuarine and the accumulation of YBM began. The effects of the transgressing shoreline on the Holocene alluvial surface (and associated potential paleosol) are unknown. Prior to this period, typical alluvial geomorphic processes will have occurred. This may include erosion in the form of sheet wash and incision as creeks meander over the landform and deposition from sheet flow, flooding, ponding, and debris flows. During periods of stability, there is the potential for the development of soils, which may be highly sensitive for buried prehistoric resources, and there is potential for paleosols on the surface and within the deposit.

Based on this review, it is possible to model the stratigraphy beneath the Project area and identify depths of sensitivity for historic-period and prehistoric resources. The thickness of the fill can be estimated at 3.0 to 5.5 m (10 to 18 ft) depending on levels of disturbance, compression, and subsidence of the YBM. Fill will overlie YBM with an estimated thickness of 1 to 2 m (3 to 7 ft). Underlying YBM, Holocene alluvium is estimated at a depth of 1.5 to 3.0 m (5 to 10 ft) bmsl with an unknown thickness, although geologic mapping estimates the thickness of this unit at 6 to 9 m (20 to 30 ft). Holocene age alluvium will overlie Pleistocene alluvial deposits at an unknown depth.

The upper contact of YBM may be sensitive for historic material or sites, such as shipwrecks, pilings and duck blinds, marine resource extraction sites, or other features. The level of disturbance here is unknown and site integrity may be variable. The emplacement of fill may have caused considerable damage to this layer by crushing, mixing, and reworking deposits.

The upper contact of Holocene age alluvium at an elevation 1.5 to 3.0 m bmsl has the potential for a buried paleosol. The level of preservation for this surface is a function of effects on inundation, and sea level rise along with the resultant beach transgression, which may have caused erosion through wave action. However, marsh formation or inundation may have led to a high degree of preservation. This contact is highly sensitive for prehistoric resources and the underlying Holocene deposits are moderately sensitive where paleosols are not present. The upper contact of Pleistocene alluvial deposits, if a paleosol is present, is also highly sensitive for prehistoric deposits.

Most proposed actions for the Project will not have potential to affect buried resources. Trenching and installation of pile caps or footings will not exceed the depth of fill and will not affect the surface of YBM deposits of underlying alluvium. However, the estimated depths of auger piles will range between 14 to 18 m (45 to 60 ft) below the surface, which will affect the upper contact of both the Holocene alluvium and YBM. There is also potential that auger piles may affect the upper contact of Pleistocene aged alluvium.

CONCLUSIONS

Overall, any Project impacts exceeding 3 m (10 ft) in depth have the potential to affect buried historic-period or prehistoric cultural resources. The upper contact of YBM at 0.5 to 1.5 m bmsl and upper contact of Holocene alluvium at 1.5 to 3.0 m bmsl are highly sensitive zones. The depth for the upper contact of Pleistocene aged alluvium is unknown, yet also highly sensitive if encountered. Holocene-aged deposits below 1.5 to 3.0 m are moderately sensitive. Auger piles have the potential to affect all three highly sensitive zones. It is recommended that prior to construction, a qualified geoarchaeologist conduct geomorphic testing of these zones using direct push coring. Depending on results, monitoring may be required during this and other construction activities exceeding 3 m.

BUILT ENVIRONMENT SITE VISIT

Chronicle Heritage Associate Architectural Historian Hannah Goldman, M.A., conducted the built environment survey of the Project area on September 9, 2024. Goldman completed the pedestrian survey beginning at the northeast corner of the parking lot for Kincaid's Fish, Chop, and Steakhouse and worked along the fenced perimeter to the south and east to locate the access point to the property (APN 026-363-600). Goldman surveyed along the nearest street, Bay View Place, and worked from the southeast to the north along Airport Boulevard.

The survey covered up to the bridge parcel (APN 026-363-610) and then, north until the edge of the infill, the parking lot, and the western edge of the fenced area. In the western edge of the fenced area, Goldman identified a concrete foundation about 20 ft by 20 ft wide, located about 190 ft north of Airport Boulevard and approximately 150 ft from the canal. Next to the canal were concrete structures that led to a structure that used to be in the canal, including a concrete set of risers for outdoor seating and semi-circular viewing platforms. The area contained no other built environment resources and was characterized by poor ground visibility due to dense ruderal species. Modern trash was identified in the vacant center portion of the property, and signs of wildlife including tracks, bioturbation, and scat were noted throughout the site.

Post-survey research revealed that the platforms and parking lot identified at the eastern end of the property during the pedestrian survey were once a parking attendant hut and waiting area for a now non-extant floating restaurant called the Sherman, a longtime Burlington attraction that closed in 2020 (Clifford 2020).

Figure 7. Overview of the northwestern edge of the Bay Rise property, looking east. September 9, 2024.

Figure 8. Overview looking west toward the north-central edge of the property. September 9, 2024.

Figure 9.Overview looking north of the abandoned ramp and seating area for the non-extant floating restaurant, September 9, 2024.

Figure 10. Overview looking west of the abandoned steps and seating for the non-extant floating restaurant, September 9, 2024.

Figure 11. Overview looking northwest of the foundation remaining from the parking attendant structure, September 9, 2024.

Figure 12. Overview looking southwest of the northeastern portion of the property, September 9, 2024.

Figure 13. Overview looking north of the property and vegetation, September 9, 2024.

Figure 14. Overview of the bay fill on the shoreline side of the property, view northeast. September 9, 2024.

Figure 15. Overview of the southern part of the bay trail looking east, September 9, 2024.

Figure 16. Overview looking east of the center of the property, September 9, 2024.

RESULTS AND RECOMMENDATIONS

The records search and a review of archival maps and aerial photographs did not identify prehistoric or historical archaeological resources within the Project area. Archival maps and aerial photographs indicate that the Project area was created with fill between 1972 and 1973. Based on the results of the records search and map review, the likelihood of Project impacts to archaeological resources is low. However, it cannot entirely be ruled out that archaeological cultural resources could be encountered during Project construction activities. Should such deposits be encountered during Project ground disturbance, a substantial adverse change in the significance of an archaeological resource or historical resource would occur from its demolition, destruction, relocation, or alteration such that the significance of the resource would be materially impaired (CEQA Guidelines Section 15064.5(b)(1)-(c)(1, 2)). To mitigate this potential impact, the recommendations below, should be implemented.

It is always possible that unexpected finds may occur during Project construction. The following procedures should be used if archaeological deposits are identified during Project activities:

> If deposits of precontact or historical archaeological materials are encountered during Project activities, all work within 25 ft of the discovery should be redirected and a qualified archaeologist should be contacted to assess the situation, consult with agencies as appropriate, and make recommendations for the treatment of the discovery. Project personnel should not collect or move any archaeological materials. Archaeological materials can include flaked-stone tools (e.g., projectile points, knives, and choppers) or obsidian, chert, basalt, or quartzite toolmaking debris; bone tools; culturally darkened soil (i.e., midden soil often containing heat-affected rock, ash and charcoal, shellfish remains, bones, and other cultural materials); and stone-milling equipment (e.g., mortars, pestles, and handstones). Prehistoric archaeological sites often contain human remains. Historical materials can include wood, stone, concrete, or adobe footings, walls, and other structural remains; debris-filled wells or privies; and deposits of wood, glass, ceramics, metal, and other refuse.

It is recommended that significant impacts to archaeological deposits be avoided by Project activities. If such deposits cannot be avoided, they should be evaluated in consultation with the City for their inclusion on the CRHR. If the deposit is eligible for the CRHR, significant impacts to the deposit will need to be avoided or such impacts must be treated. If treatment is required, a plan should be developed in consultation with the City to mitigate, avoid, or minimize impacts. Treatment may consist of systematic recovery and analysis of archaeological deposits, recording the resource, preparation of a report of findings, accessioning recovered archaeological materials at an appropriate curation facility, and community outreach.

Sincerely,

PALEOWEST

Garret Root, M.A. | Office Principal / Historical Resources Program Manager

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Appendix D
CAP Checklist

City of Burlingame Climate Action Plan
Consistency Checklist for New Development

The purpose of this Checklist is to ensure that development projects comply with Burlingame's 2030 Climate Action Plan Update (CAP) and may be eligible for streamlining the greenhouse gas (GHG) analysis for California Environmental Quality Act (CEQA) review.

The Checklist applies to projects 10,000 sq. ft. and larger and/or six units or more. To be considered consistent with Burlingame's CAP, projects must comply with the land use designations in Burlingame's General Plan and implement at minimum the required CAP measures listed in the Checklist. Projects may then rely on the City's CAP and related environmental review for the impact analysis of GHG emissions, as allowable under CEQA.

The Checklist contains measures from the CAP that pertain to new development. Each measure is noted as either required or voluntary. Required measures are mandated by local or state ordinances. The voluntary measures represent goals of the City and projects are encouraged to address them.

Proposed project that require a General Plan amendment or rezoning and/or do not address the required measures may have to prepare a project-specific GHG analysis and identify appropriate mitigation measures.

Burlingame's Climate Action Plan: https://www.burlingame.org/departments/sustainability/
Burlingame's General Plan: https://www.burlingame.org/departments/planning/
Burlingame's Reach Codes: www.burlingame.org/reachcode

For questions regarding this Checklist or the CAP, please contact Sigalle Michael, Sustainability Coordinator at smichael@burlingame.org

Contact Information

Project Name: Bay Rise Park

Property Address: 410 Airport Blvd, Burlingame CA 94010

If a consultant was used to complete this checklist, please provide their contact information:

Consultant Name & Company: _____

Consultant Phone & Email: _____

Project Information

Proposed land use (residential, commercial, industrial, mixed use, or other): Other/Commercial

Brief project description: Public Nature and Recreation park with Education and Event Center on State-owned parcel

Project size (sq. ft. and/or unit size): 10.2 acres (property size), 9.4 acres (land area)

Is the proposed project seeking a General Plan amendment or rezoning? ❑ Yes ☒ No

If yes, briefly explain why: _____

Climate Action Plan Measure	Project Compliance
REQUIRED MEASURES	
Green Building Practices and Standards (CAP Measure 11): Support, enforce, and expedite green building practices and standards. Burlingame's reach codes: www.burlingame.org/reachcode	**Required Measure** Does the project comply with the City's green building requirements in the reach codes? ☒ Yes ❑ No Required measures are currently in plans or could be added if required. TDM study has not been completed, please advise if it is required for this project. Will the project request any exceptions? If so, briefly explain.
Alternatively-Powered Residential Water Heaters (CAP Measure 15): Support transition from traditional to solar and electrically powered water heaters. Burlingame's reach codes: www.burlingame.org/reachcode	**Required Measure** Does the project include a solar or electrically powered water heater as required in the reach code? ❑ Yes ❑ No NA: Non residential.
Solar Power (CAP Measure 14): Encourage installation of photovoltaic systems. Burlingame's reach codes: www.burlingame.org/reachcode	**Required Measure** Does the project include a photovoltaic system as required by CALGreen and/or the City's reach code? ☒ Yes ❑ No PV system is currently in plans. 5 kw minimum for 10,000 sf + protect size, approx 300 sf of area.
Electric Vehicle Infrastructure and Initiatives (CAP Measure 6): Support the electric vehicle (EV) network by incentivizing use of EVs and installations of charging stations. Burlingame's reach codes: www.burlingame.org/reachcode	**Required Measure** Does the project comply with the City's EV charging requirements in the reach code? ☒ Yes ❑ No List total number and type of EV chargers to be installed: **STALL TYPE** / **PROVIDED** STANDARD 11 VAN ADA 1 ELECTRIC VEHICLE (EV) 4 ELECTRIC VEHICLE (EV) ADA 1 ELECTRIC VEHICLE (EV) VAN ADA 1 FUTURE ELECTRIC VEHICLE (EV) 11 **TOTAL** **29**
Zero Waste (CAP Measure 18): Reduce organic and recyclable materials going to the landfill and achieve the City's diversion goals.	**Required Measure** Does the project include facilities for collecting recycling and composting? ☒ Yes ❑ No Describe any composting and recycling strategies used in the project : Recycling stations typically provided; Compost collection is provided by Recology in standard yard waste bins.

Transportation Demand Management (TDM) (CAP Measure 2): The City shall require new multi-unit residential developments of 10 units or more and commercial developments of 10,000 sq. ft. or more to incorporate TDM strategies that reduce trip generation rates below the standard rate published in the latest Institute of Transportation Engineers (ITE) Trip Generation Manual (10th edition), or other reputable source. TDM measures may include but are not limited to: shuttles, carpool, transit incentives, and car and/or bike share programs. Residential projects of 100 units or more and commercial projects of 100,000 sq. ft. or more shall have a designated TDM coordinator and provide a report to city staff annually on the effectiveness of the TDM plan. ▪ GreenTRIP: http://www.transformca.org/landing-page/greentrip ▪ City/County Association of Governments of San Mateo County, http://ccag.ca.gov/programs/transportation-programs/transportation-demand-management/ City of San Francisco TDM Tool, https://sfplanning.org/resource/transportation-demand-management-tdm-tool	1. Will the project have a TDM program that meets the 20% reduction in trip generation rates when compared to standard ITE trip generation rates? ❑ Yes ❑ No 2. Briefly describe the project's TDM Plan: A separate TDM Plan has been submitted. Requirement is triggered if building area > 10,000 sf. Building floor square footage is less than 10,000. Please advise if a TDM is required for this park use. If required, it would not impact project design but project team would need to confirm feasibility of performing a TDM study and implementing appropriate operations measures.
Parking Pricing, Parking Requirements, and Creative Parking Approaches (CAP Measure 7): Implement parking reduction strategies including, but not limited to, parking lifts, shared parking, and unbundling of parking costs.	**Required Measure** Does the project meet the parking requirements in the zoning code or TDM plan as applicable? ☒ Yes ❑ No ❑ NA Describe any parking reduction strategies used in the project:
VOLUNTARY MEASURES	
Peninsula Clean Energy ECO100 (CAP Measure 13): Increase enrollment in PCE's standard option, ECOplus, for 100% GHG free energy; or PCE's premium option, ECO100 for 100% renewable energy. https://www.peninsulacleanenergy.com/opt-up/	**Voluntary Measure** Will the project enroll in PCE? ❑ Yes ❑ No Project team will investigate green power purchasing Which PCE option, ECOplus or ECO100?

Complete Streets (CAP Measure 3): Develop a network of complete streets that support pedestrian and bicycle accessibility.	**Voluntary Measure** Does the project include on-site pedestrian, transit, or cycling improvements, such as enclosed bike storage or employee showers? ☒ Yes ❑ No ❑ NA What is the project's walkscore (www.walkscore.com)? Walkscore is 38. Describe any pedestrian/bicycle friendly measures used in the project: Project will provide a Class 1 bike lane on the improved Bay Trail, and outdoor bicycle parking on site. Enclosed bike storage and shower would not be appropriate for this park use.
Burlingame Shuttle Service (CAP Measure 8): Increase awareness and use of local shuttles. Burlingame shuttle map: https://www.burlingame.org/departments/sustainability/shuttles.php	**Voluntary Measure** Is the project located near a shuttle station? ☒ Yes ❑ No Orange: SW corner of Airport Blvd. & Bay View Pl. Blue line trolley at Hilton SFO, 562 Airport Blvd; Red Line at Embassy Hotel, 100 Anza Blvd; How will shuttle information be distributed to occupants? To be determined for park operations.
Water Conservation for New Residential Developments (CAP Measure 17): Implement water conservation elements beyond CALGreen requirements, such as efficient landscaping and Energy Star rated appliances. Water Conservation Resources, https://www.burlingame.org/departments/public_works/water_conservation/index.php	**Voluntary Measure** Does the project use Energy Star® rated dishwashers and clothes washers or go beyond CALGreen? ❑ Yes ❑ No ☒ NA Describe any water conservation elements in the project: NA: Non residential.
Construction Best Management Practices (CAP Measure 10): Require projects to implement the Air District's Best Practices for Construction; and use electrically-powered construction equipment as available and feasible.	**Voluntary Measure** Will the project use any electric off-road construction equipment? ❑ Yes ❑ No To be determined If yes, describe what electric construction equipment will be used: The project team will make best efforts to use electric construction equipment when feasible/appropriate.

Increase the Public Tree Population (CAP Measure 20): Increase the number of trees in Burlingame.	**<u>Voluntary Measure</u>** Will the project be adding new trees? ☒ Yes ❑ No ❑ NA How many trees will be planted in the public right-of-way (like sidewalks)? How many trees will be planted on private property? Per the February 2024 Planning Drawings, 108 trees will be planted at the project site. The exact number of trees will be determined in the Building Department phase.

Appendix E
Limited Phase I ESA

Memorandum

To:	Ruben Hurin, Planning Manager City of Burlingame, Planning Division
From:	Mario Barrera, Senior Technical Specialist, ICF Devan Atteberry, Project Manager, ICF
Date:	May 6, 2024
Re:	**Bay Rise Park Project, 410 Airport Boulevard, Limited Phase I Environmental Site Assessment**

ICF is pleased to submit this Limited Phase I Environmental Site Assessment (Limited Phase I ESA) in support of the environmental documentation being prepared for the Bay Rise Park Project at 410 Airport Boulevard (Project or Proposed Project). This memorandum summarizes the work performed and identifies potential exposure risks related to contamination from historical land uses conducted on either the Project site or sites in the vicinity of the Project site.

Project Description

The Proposed Project would redevelop an approximately 10.2-acre parcel (9.4 acres of land and 0.83 acres in Sanchez Channel) in the Bayfront area of Burlingame, California. Specifically, the Proposed Project would transform the parcels at 410 Airport Boulevard into a public nature and recreation park with an approximately 8,600-square-foot (sf) education center/event building (approximately 14,000 including roof overhang), and a drop-off loop and one-way drive, which would enter the Project site from Airport Boulevard and exit onto Bay View Place. The Proposed Project would provide 28 on-site parking spaces. There is no street parking currently available along Airport Boulevard and Bay View Place. However, the City is considering allowing street parking on both sides of Bay View Place, which would make available approximately 30 parking spaces. In addition, the Proposed Project would restore the natural tidal-marsh ecology of the portion of San Francisco Bay (Bay) shoreline within the Project site by regrading the site to form a tidal marsh and planting native plant species. It would also improve the section of the Bay Trail on the Project site, facilitate water access and recreation with water access ramps for kayaking and board sailing, and provide new viewing decks and patios, a small take-out café, multi-purpose and lawn areas, secondary trails throughout the site, an interpretive program, and interpretive elements related to sea-level rise resiliency demonstration. The Project would also incorporate a small building (approximately 20 feet by 30 feet) to store jet skis, personal protective equipment, and rescue equipment required by the Central County Fire Department (CCFD), and an approximately 12 feet x 20 feet trash enclosure building.

Environmental Setting

The 10.2-acre Project site (9.4 acres of land and 0.83 acres in Sanchez Channel) is in the northeastern portion of Burlingame, between U.S. 101 and the San Francisco Bay. The Project site is in a developed and urbanized area of the city at the south end of the Bayfront area. The southern portion of the Project site is bounded by Airport Boulevard and Bay View Place, which borders four adjacent office developments at 411 Airport Boulevard, 433 Airport Boulevard, 500 Airport Boulevard, and 533 Airport Boulevard. The eastern portion of the Project site is bounded by a surface parking lot and restaurant. The northern portion of the Project site fronts onto the San Francisco Bay; the eastern portion of the site fronts onto Sanchez Creek.

The Project site includes assessor's parcel numbers (APNs) 026-363-600 and 026-363-610, which are leased from the State Lands Commission (SLC). Currently, the site is a vacant lot within historical baylands. The site comprises developed and/or landscaped areas, open water (i.e., an intertidal rocky shoreline/mudflats), ruderal grassland, and seasonal wetland habitats. The majority of the Project site consists of ruderal upland habitat, with a few non-native shrubs and trees scattered around the site. In addition, an unimproved portion of the Bay Trail is located along the northern edge of the Project site, and an unused gravel parking lot is located at the western edge of the Project site. There is also an abandoned paved parking lot on the eastern edge of the site, along with other hardscape infrastructure associated with a former restaurant. A Federal Aviation Administration (FAA) tower associated with San Francisco International Airport is located on an easement within this eastern parking lot. The easement is currently leased from SLC.

The Project site is relatively flat, with ground surface elevations ranging from 6 to 15 feet.

Environmental Database Search and Historical Records Review

The scope of services for this ESA included a records review to determine the likely presence of established hazardous waste sites and contaminated sites within the Project site or in the area surrounding it. The records review analyzed a database search performed by EDR Lightbox. The EDR Lightbox corridor report encompassed database information from all documented hazardous waste sites and potentially contaminated sites within a 1-mile radius of the Project site. A copy of the EDR Lightbox corridor report is provided as Attachment 1. A site visit was not conducted as part of the Limited Phase I ESA. A complete list of the government records that were searched, as well as the results of the database search, is presented in the *Map Findings Summary,* beginning on page 4 of Attachment 1. Descriptions of the databases are provided beginning on page GR-1 of Attachment 1. Also, in support of this Limited Phase I ESA, ICF personnel conducted a historical records review to get a better understanding of historical land uses on the Project site and in the surrounding area. Aerial photographs and topographic maps reviewed are included in Attachment 2 to this memorandum.

Methodology

A search for environmentally related information present in publicly accessible databases was conducted by EDR Lightbox in 2023. The EDR Radius Map report was reviewed by ICF to determine if the Project site or adjacent properties were listed in any environmental database of note. The information provided in these databases was used to determine whether the Project site itself or

adjacent properties have the potential to negatively affect the Proposed Project. The database review included a search for sites within a 0.5-mile radius of the Project site with a history of releases into the environment. Sites within a 0.5-mile radius with a history of releases into the environment were identified because they are the most likely sites to produce a detrimental condition in the Project area. Aerial photographs and topographic maps (also provided by EDR Lightbox) were reviewed and interpreted to develop a more complete understanding of historical land uses and assess the development of areas of concern (e.g., trash dumps, junkyards).

Environmental Database Results

The database review identified six sites within a 0.5-mile radius of the Project site with a history of a release. The six sites are listed in Table 1, which provides the addresses, the distances from the Project footprint, the databases the sites were found in, and a summary of each site's current status. Environmental data pertaining to sites beyond 0.5 mile from the Project site with a history of a release were also reviewed by ICF personnel. None were determined to pose an exposure risk for the Project.

Table 1: Sites within 0.5 Mile of the Project Site with a History of a Release

Site	Address	Distance from Project Footprint	Database(s)	Site Status Summary*	Affected Media	Recommendations
Caruff California Corp.	350 Airport Bl, Burlingame	0.083 mile to the east	LUST, Cortese, HIST CORTESE, CERS, SWEEPS UST, CA FID UST, San Mateo Co. BI, Notify 65	The site is listed in the LUST database as having a gasoline release to groundwater. The release was identified in June 1989. The case was listed as *Completed – Case Closed* as of October 1993. Closure was granted to the site by the San Mateo County Local Oversight Program (LOP). None of the other listings represent an exposure risk for the Project.	Groundwater	None. The site received closure as of October 1993. No additional violations were noted.
Anza Park & Fly	615 Airport Bl, Burlingame	0.180 mile to the southwest	LUST, HIST UST, Cortese, CERS, CERS HAZ WASTE, HWTS, HAZNET, RCRA NonGen/NLR, SWEEPS UST, CA FID UST, San Mateo Co. BI	The site is listed in the LUST database as having a diesel release to groundwater. The release was identified in April 1999. The case was listed as *Completed – Case Closed* as of March 2000. Closure was granted to the site by the San Mateo County LOP. Various violations were noted in the CERS database; however, all violations were of an administrative nature and did not involve releases to the environment. None of the other listings represent an exposure risk for the Project.	Groundwater	None. The site received closure as of March 2000. Other violations were of an administrative nature.

Site	Address	Distance from Project Footprint	Database(s)	Site Status Summary*	Affected Media	Recommendations
Golden Gate Drywall	399 Beach Bl, Burlingame	0.213 mile to the south-southeast	LUST, HIST UST, HIST CORTESE, Cortese, CERS, HWTS, RCRA NonGen/NLR, SWEEPS UST, CA FID UST, San Mateo Co. BI	The site is listed in the LUST database as having a gasoline release to groundwater. The release was identified in November 1993. The case was listed as *Completed – Case Closed* as of October 2002. Closure was granted to the site by the San Mateo County LOP. None of the other listings represent an exposure risk for the Project.	Groundwater	None. The site received closure as of October 2002. No additional violations were noted.
Real Estate North Investment Partnership, LP	370 Lang Rd, Burlingame	0.267 mile to the south-southeast	LUST, CPS-SLIC, Cortese, CERS	The site is listed in the LUST database as having a gasoline release to groundwater. The release was identified in April 2007. The case was listed as *Completed – Case Closed* as of January 2012. Closure was granted to the site by the San Mateo County LOP. The site was also listed in the CPS-SLIC as having a tetrachloroethylene (PCE), trichloroethylene (TCE), and vinyl chloride release to groundwater. The release was reported in November 2007 and granted closure in August 2012. Closure was granted to the site by the San Mateo County LOP.	Groundwater	None. The site received closure in January and August 2012 for the two incidents listed. No additional violations were noted.

Site	Address	Distance from Project Footprint	Database(s)	Site Status Summary*	Affected Media	Recommendations
Sprint	828 Airport Bl, Burlingame	0.447 mile to the west	LUST, HIST CORTESE, Cortese, CERS	The site is listed in the LUST database as having a gasoline release to groundwater. The release was identified in October 1998. The case was listed as *Completed – Case Closed* as of October 2000. Closure was granted to the site by the San Mateo County LOP. None of the other listings represent an exposure risk for the Project.	Groundwater	None. The site received closure as of October 2000. No additional violations were noted.
Hamblin Trust	1065 Amphlett Bl, San Mateo	0.475 mile to the southeast	LUST, Cortese, CERS	The site is listed in the LUST database as having a benzene, toluene, diesel, and gasoline release to groundwater. The release was identified in November 2011. The case was listed as *Completed – Case Closed* as of December 2014. Closure was granted to the site by the San Mateo County LOP. None of the other listings represent an exposure risk for the Project.	Groundwater	None. The site received closure as of December 2014. No additional violations were noted.

Historical Records Review

Aerial Photographic Review

EDR Lightbox conducted a search of available aerial photographs and topographic maps to assist in evaluating historical usage of the Project site and adjacent properties. A summary of the photographs and maps reviewed is provided below. The review of the aerial photographs did not reveal any historically hazardous conditions within the Project footprint or in the vicinity of the Project site.

1943 through 1963: The 1943 U.S. Department of Agriculture (USDA), 1946 and 1956 U.S. Geological Survey (USGS), and 1963 EDR Proprietary Aerial Viewpoint aerial photographs do not show any development within the Project footprint. The 1963 aerial depicts a U-shaped frame where the Project site and historical Bayfront area will be developed.

1968: Similar to the previous photographs, the 1968 USGS aerial photograph depicts the Project footprint as undeveloped (with fill in the Project area). However, the area east of the Project site, across a narrow channel, now appears semi-developed, with several structures on the south side, the side closest to the Bayshore Freeway.

1974: The USGS 1974 aerial photograph depicts fill throughout the Project site and in the immediate area. A small concrete rectangle now appears on the eastern part of the Project footprint; the area is being used as a parking lot. Anza Lagoon is now visible, as is Airport Boulevard, which bisects the Project area. The Project site's immediate surroundings (west of the narrow channel) are largely vacant, with only one structure visible and a large parking lot on the south side of Airport Boulevard. A large (square) structure and a smaller rectangular structure now appear on the north side of the semi-developed land east of the narrow channel. Additional structures appear on the south side as well.

1982: Additional development along Airport Boulevard is now visible immediately south and southwest of the Project footprint. The structure associated with what is now Kincaid's Fish, Chop & Steakhouse is visible west of the Project site. The Project site remains undeveloped. Additional development appears in the southern part of the area, east of the narrow channel.

1993: The Project site remains undeveloped. Additional development appears to the south, across Airport Boulevard. Additional developments also appear around Anza Lagoon.

1998: The USDA 1975 aerial photograph continues to depict the Project site as undeveloped. Additional development that appears to be a high-rise building and associated parking occurs south of the Project footprint, across Airport Boulevard.

2005: The USDA/National Agriculture Imagery Program (NAIP) 2005 aerial photograph shows the Project site as undeveloped. The land east of the narrow channel appears to be undergoing modifications. The central portion of the area now appears graded.

2009: There are no major, discernible changes between the 2005 photograph and 2009.

2012: Vegetation now appears on the Project site; however, it remains undeveloped. There are no other major, discernible changes between the 2009 photograph and 2012.

2016: Conditions in 2016 appear largely the same as they did in 2012, with the exception of the northern portion of the area (north of Airport Boulevard), east of the narrow channel. It is now a large parking lot. No structures remain in that area.

2020: The Project footprint remains vacant in 2020. The central portion of the area east of the narrow channel is now fully developed with several buildings. It includes a continuation of Airport Boulevard, linking it to Lang Road to the southeast.

Historical Topographic Map Review

EDR Lightbox researched available historical topographic maps for the vicinity of the Proposed Project. ICF reviewed each of the maps provided by EDR, dating from 1896 to 2021. The review of the topographic maps did not reveal any historically hazardous conditions within the Project footprint or in the vicinity of the Project site.

1896 through 1956: All USGS topographic maps within this period depict the Project site and its immediate surroundings as undeveloped, with no fill in place.

1968: The 1968 USGS topographic map now shows fill in the Bayfront area; however, none appears within the Project site. A drive-in theatre appears east of the Project site, across a narrow channel. A sewage disposal feature appears to the west in what is now the Veolia Water North America site.

1973: Fill now appears in the Project footprint and the surroundings. Three structures appear in the area immediately surrounding the Project site to the south and the west. Additional development appears in the area across the narrow channel to the east.

1980: Additional structures appear in the area immediately surrounding the Project site to the south. Anza Lagoon can now be seen. Airport Boulevard appears more prominently in the Project area.

1993: The 1993 USGS topographic map no longer depicts any of the structures in the Project area. Airport Boulevard is a prominent feature in the Project area.

1997: The 1997 USGS topographic map depicts features similar to those on the 1993 map.

2012: The 2012 USGS topographic map depicts Anza Boulevard, Airport Boulevard, and Beach Road, all within the Project area.

2015: The 2015 USGS topographic map depicts the setting around the Project area similar to that on the 2012 map.

2018 and 2021: The 2018 and 2021 USGS topographic maps show a setting similar to that on the 2015 map; however, 2018 and 2021 now display vegetation within the Project footprint.

Conclusions

Information reviewed during preparation of this Limited Phase I ESA did not strongly suggest potential exposure impacts would occur from implementation of the Proposed Project. However, fill material of unknown origin, such as the fill used in the Project area, could be affected by contaminants.

A soil management plan (SMP) was prepared by Langan Engineering and Environmental Services, Inc., in December 2023 in response to sampling conducted on-site in October of 2020 and August of 2022(see Attachment 3). The SMP was prepared with the objective to minimize exposure of potentially hazardous constituents in soil to construction workers, nearby residents and/or pedestrians, and future users of the site. According to the SMP, laboratory analysis concluded that on-site fill material is affected by petroleum hydrocarbons, heavy metals, and asbestos. If disturbed, the presence of these contaminants poses soil management and potential health and safety concerns. As such, it is recommended that the developer/construction personnel implement all protocols found in Section 8.0, *Recommendations for Environmental Management,* of the site-specific SMP during any media-disturbing activities conducted on-site. These measures include, but are not limited to, developing and implementing a health and safety plan, soil management procedures, odor and dust controls, asbestos Airborne Toxic Control Measure (ATCM) compliance, stormwater pollution controls, groundwater management and contingency procedures for unknown or unexpected conditions.

Attachment 1:
The EDR Radius Map Report

410 Airport Boulevard
410 Airport Boulevard
Burlingame, CA 94010

Inquiry Number: 7508626.2s
November 29, 2023

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

410 AIRPORT BOULEVARD
BURLINGAME, CA 94010

COORDINATES

Latitude (North):	37.5915790 - 37° 35' 29.68''
Longitude (West):	122.3404540 - 122° 20' 25.63''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	558227.8
UTM Y (Meters):	4160501.2
Elevation:	9 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	50005407 SAN MATEO, CA
Version Date:	2021

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20200524
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
410 AIRPORT BOULEVARD
BURLINGAME, CA 94010

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	AT&T MOBILITY-13241	433 AIRPORT	San Mateo Co. BI	Higher	121, 0.023, SSE
A2	SPRINT NEXTEL CELL S	433 AIRPORT	San Mateo Co. BI	Higher	121, 0.023, SSE
3	UNIDENT CALIFORNIA C	411 AIRPORT BLVD	RCRA NonGen / NLR	Higher	123, 0.023, ESE
B4	CLEAN N PRESS INC	500 AIRPORT BLVD STE	EDR Hist Cleaner	Higher	210, 0.040, SSW
B5	WATERFRONT PLAZA PRO	500 AIRPORT BLVD	RCRA NonGen / NLR	Higher	210, 0.040, SSW
6	KINCAIDS BAYHOUSE	60 BAYVIEW	San Mateo Co. BI	Lower	234, 0.044, West
B7	FARALLON HOME HEALTH	533 AIRPORT	San Mateo Co. BI	Higher	277, 0.052, South
B8	SPRINT COMMUNICATION	533 AIRPORT	San Mateo Co. BI	Higher	277, 0.052, South
B9	SONGS CAFETERIA	533 AIRPORT	San Mateo Co. BI	Higher	277, 0.052, South
B10	VERIZON WIRELESS BAY	533 AIRPORT	San Mateo Co. BI	Higher	277, 0.052, South
B11	BAYSIDE CAFE	533 AIRPORT	San Mateo Co. BI	Higher	277, 0.052, South
B12	BAYSIDE CAFE	533 AIRPORT	San Mateo Co. BI	Higher	277, 0.052, South
C13	CARRUF	350 AIRPORT BLVD	SWEEPS UST, CA FID UST	Lower	438, 0.083, East
C14	CARRUF	350 AIRPORT	San Mateo Co. BI	Lower	438, 0.083, East
C15	CARUFF CALIFORNIA CO	350 AIRPORT BOULEVAR	Notify 65	Lower	438, 0.083, East
C16	CARUFF CALIFORNIA CO	350 AIRPORT	LUST, HIST CORTESE	Lower	438, 0.083, East
C17	CARUFF CALIFORNIA CO	350 AIRPORT	LUST, Cortese, CERS	Lower	438, 0.083, East
D18	VIRGIN AMERICA	555 AIRPORT	San Mateo Co. BI	Higher	533, 0.101, South
D19	ALASKA AIRLINES	555 AIRPORT	San Mateo Co. BI	Higher	533, 0.101, South
D20	HUDSON BAY PARK PLAZ	555/577 AIRPORT	San Mateo Co. BI	Higher	533, 0.101, South
E21	HILTON SAN FRANCISCO	600 AIRPORT	San Mateo Co. BI	Higher	631, 0.120, SW
E22	TRAVEL TRADERS #3045	600 AIRPORT	San Mateo Co. BI	Higher	631, 0.120, SW
E23	SHERATON GATEWAY HOT	600 AIRPORT	San Mateo Co. BI	Higher	631, 0.120, SW
E24	HILTON SAN FRANCISCO	600 AIRPORT	San Mateo Co. BI	Higher	631, 0.120, SW
E25	BAY PARK PLAZA	577/555 AIRPORT	San Mateo Co. BI	Higher	712, 0.135, SW
E26	BURLINGAME BAY LLC	577 AIRPORT	San Mateo Co. BI	Higher	712, 0.135, SW
F27	ANZA PARK & FLY	615 AIRPORT	LUST, HIST UST, San Mateo Co. BI, Cortese, CERS	Higher	950, 0.180, SW
F28	ANZA PARK N SKY	615 AIRPORT BLVD	CERS HAZ WASTE, HWTS, HAZNET	Higher	950, 0.180, SW
F29	ANZA PARKING	615 AIRPORT BLVD	RCRA NonGen / NLR	Higher	950, 0.180, SW
F30	METRO PARK AIRPORT P	615 AIRPORT BLVD	SWEEPS UST, CA FID UST	Higher	950, 0.180, SW
G31	AVTEK SYST INC	398 BEACH RD	RCRA-SQG, FINDS, ECHO	Higher	977, 0.185, SE
G32	CROWN COMPUTER RECYC	384 BEACH RD	RCRA NonGen / NLR	Higher	979, 0.185, SE
G33	AIR CONDITIONING CO	360 BEACH RD	RCRA-SQG, FINDS, ECHO	Higher	1040, 0.197, SE
H34	FACEBOOK TECHNOLOGIE	311 AIRPORT BLVD	RCRA NonGen / NLR	Lower	1069, 0.202, East
H35	META PLATFORMS TECHN	311 AIRPORT BLVD	CERS HAZ WASTE, CERS TANKS, CERS	Lower	1069, 0.202, East
I36	BURLINGAME THEATRE S	350 BEACH	San Mateo Co. BI	Higher	1092, 0.207, SE
G37	GOLDEN GATE DRYWALL	399 BEACH	LUST, HIST UST, CA FID UST, Cortese	Higher	1124, 0.213, SSE
G38	GOLDEN GATE DRYWALL	399 BEACH	LUST, HIST CORTESE	Higher	1124, 0.213, SSE
G39	NEXTEL-SITE ID CA-22	399 BEACH	San Mateo Co. BI	Higher	1124, 0.213, SSE

MAPPED SITES SUMMARY

Target Property Address:
410 AIRPORT BOULEVARD
BURLINGAME, CA 94010

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
G40	GOLDEN GATE DRYWALL	399 BEACH RD	RCRA NonGen / NLR	Higher	1124, 0.213, SSE
G41	GOLDEN GATE DRYWALL	399 BEACH	San Mateo Co. BI, CERS	Higher	1124, 0.213, SSE
G42	GOLDEN GATE DRYWALL	399 BEACH RD	SWEEPS UST, HIST UST, HWTS	Higher	1124, 0.213, SSE
I43	PHOENIX PHARMACEUTIC		PFAS ECHO	Higher	1174, 0.222, SE
I44		371 BEACH RD	SWEEPS UST	Higher	1191, 0.226, SE
I45	RESIDENCE	371 BEACH	San Mateo Co. BI	Higher	1191, 0.226, SE
I46	PHOENIX PHARMACEUTIC	330 BEACH	San Mateo Co. BI	Higher	1198, 0.227, SE
I47	COVALENT INDUSTRIAL	330 BEACH ROAD	RCRA-SQG	Higher	1198, 0.227, SE
I48	PHOENIX PHARMACEUTIC	330 BEACH ROAD	RCRA-SQG	Higher	1198, 0.227, SE
I49	PHOENIX PHARMACEUTIC	330 BEACH RD	RCRA NonGen / NLR	Higher	1198, 0.227, SE
I50	COVALENT INDUSTRIAL	330 BEACH	San Mateo Co. BI	Higher	1198, 0.227, SE
I51	PHOENIX PHARMACEUTIC	330 BEACH RD	CERS HAZ WASTE, HWTS, HAZNET, CERS	Higher	1198, 0.227, SE
I52	STEMRD INC	332 BEACH	San Mateo Co. BI	Higher	1199, 0.227, SE
I53	KENT INTERNATIONAL	339 BEACH RD	RCRA-SQG, FINDS, ECHO	Lower	1317, 0.249, SE
J54	DESIGN AND CUSTOMIZE		FINDS, PFAS ECHO	Lower	1320, 0.250, SE
J55	DESIGN AND CUSTOMIZE	322 BEACH RD	RCRA NonGen / NLR	Lower	1320, 0.250, SE
56	REAL ESTATE NORTH IN	370 LANG	LUST, CPS-SLIC, Cortese, CERS	Higher	1412, 0.267, SSE
K57	SPRINT	828 AIRPORT	LUST, Cortese	Lower	2361, 0.447, West
K58	SPRINT	828 AIRPORT	LUST, HIST CORTESE, CERS	Lower	2361, 0.447, West
59	PACIFIC BELL	1007 HOWARD	San Mateo Co. BI, HIST CORTESE	Higher	2396, 0.454, SE
60	HAMBLIN TRUST	1065 AMPHLETT BOULEV	LUST, Cortese, CERS	Higher	2506, 0.475, SE
61	BURLINGAME HIGH SCHO	400 CAROLAN AVENUE	ENVIROSTOR, SCH, DEED	Higher	3835, 0.726, SSW
62	ROYALE RUG & DRAPERY	850 N. DELAWARE	ENVIROSTOR, San Mateo Co. BI	Higher	4352, 0.824, SSE
63	BROWNING-FERRIS INDU	AIRPORT BOULEVARD NE	ENVIROSTOR	Lower	4968, 0.941, West
64	ALIOTO'S GARAGE - SA	815 WOODSIDE WAY	ENVIROSTOR, San Mateo Co. BI, EMI	Higher	5086, 0.963, SSE
65	PACIFIC READY-MIX	850 NORTH SAN MATEO	ENVIROSTOR, LUST	Higher	5246, 0.994, South

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ---------- Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-VSQG ---------- RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List

US INST CONTROLS Institutional Controls Sites List

Federal ERNS list

ERNS Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE State Response Sites

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF Solid Waste Information System

Lists of state and tribal leaking storage tanks

INDIAN LUST Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

FEMA UST Underground Storage Tank Listing
UST Active UST Facilities
AST Aboveground Petroleum Storage Tank Facilities
INDIAN UST Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

VCP Voluntary Cleanup Program Properties
INDIAN VCP Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

BROWNFIELDS Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT Waste Management Unit Database
SWRCY Recycler Database
HAULERS Registered Waste Tire Haulers Listing
INDIAN ODI Report on the Status of Open Dumps on Indian Lands
ODI Open Dump Inventory
DEBRIS REGION 9 Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL Delisted National Clandestine Laboratory Register
HIST Cal-Sites Historical Calsites Database

SCH ..... School Property Evaluation Program
CDL ..... Clandestine Drug Labs
Toxic Pits ..... Toxic Pits Cleanup Act Sites
US CDL ..... National Clandestine Laboratory Register

Local Land Records

LIENS ..... Environmental Liens Listing
LIENS 2 ..... CERCLA Lien Information
DEED ..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System
CHMIRS ..... California Hazardous Material Incident Report System
LDS ..... Land Disposal Sites Listing
MCS ..... Military Cleanup Sites Listing
SPILLS 90 ..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS ..... Formerly Used Defense Sites
DOD ..... Department of Defense Sites
SCRD DRYCLEANERS ..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ..... Financial Assurance Information
EPA WATCH LIST ..... EPA WATCH LIST
2020 COR ACTION ..... 2020 Corrective Action Program List
TSCA ..... Toxic Substances Control Act
TRIS ..... Toxic Chemical Release Inventory System
SSTS ..... Section 7 Tracking Systems
ROD ..... Records Of Decision
RMP ..... Risk Management Plans
RAATS ..... RCRA Administrative Action Tracking System
PRP ..... Potentially Responsible Parties
PADS ..... PCB Activity Database System
ICIS ..... Integrated Compliance Information System
FTTS ..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS ..... Material Licensing Tracking System
COAL ASH DOE ..... Steam-Electric Plant Operation Data
COAL ASH EPA ..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ..... PCB Transformer Registration Database
RADINFO ..... Radiation Information Database
HIST FTTS ..... FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS ..... Incident and Accident Data
CONSENT ..... Superfund (CERCLA) Consent Decrees
INDIAN RESERV ..... Indian Reservations
FUSRAP ..... Formerly Utilized Sites Remedial Action Program
UMTRA ..... Uranium Mill Tailings Sites
LEAD SMELTERS ..... Lead Smelter Sites
US AIRS ..... Aerometric Information Retrieval System Facility Subsystem
US MINES ..... Mines Master Index File
ABANDONED MINES ..... Abandoned Mines
MINES MRDS ..... Mineral Resources Data System
FINDS ..... Facility Index System/Facility Registry System

ECHO - Enforcement & Compliance History Information
UXO - Unexploded Ordnance Sites
DOCKET HWC - Hazardous Waste Compliance Docket Listing
FUELS PROGRAM - EPA Fuels Program Registered Listing
PFAS NPL - Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES - Federal Sites PFAS Information
PFAS TRIS - List of PFAS Added to the TRI
PFAS TSCA - PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST - PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR - PFAS Contamination Site Location Listing
PFAS WQP - Ambient Environmental Sampling for PFAS
PFAS NPDES - Clean Water Act Discharge Monitoring Information
PFAS ECHO FIRE TRAINING - Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT - All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC - Aqueous Foam Related Incidents Listing
BIOSOLIDS - ICIS-NPDES Biosolids Facility Data
PFAS - PFAS Contamination Site Location Listing
AQUEOUS FOAM - Former Fire Training Facility Assessments Listing
CA BOND EXP. PLAN - Bond Expenditure Plan
CHROME PLATING - Chrome Plating Facilities Listing
CUPA Listings - CUPA Resources List
DRYCLEANERS - Cleaner Facilities
EMI - Emissions Inventory Data
ENF - Enforcement Action Listing
Financial Assurance - Financial Assurance Information Listing
ICE - Inspection, Compliance and Enforcement
HWP - EnviroStor Permitted Facilities Listing
HWT - Registered Hazardous Waste Transporter Database
HWTS - Hazardous Waste Tracking System
HAZNET - Facility and Manifest Data
MINES - Mines Site Location Listing
MWMP - Medical Waste Management Program Listing
NPDES - NPDES Permits Listing
PEST LIC - Pesticide Regulation Licenses Listing
PROC - Certified Processors Database
HAZMAT - Hazardous Material Facilities
UIC - UIC Listing
UIC GEO - UIC GEO (GEOTRACKER)
WASTEWATER PITS - Oil Wastewater Pits Listing
WDS - Waste Discharge System
WIP - Well Investigation Program Case List
MILITARY PRIV SITES - MILITARY PRIV SITES (GEOTRACKER)
PROJECT - PROJECT (GEOTRACKER)
WDR - Waste Discharge Requirements Listing
CIWQS - California Integrated Water Quality System
CERS - CERS
NON-CASE INFO - NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS - OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS - PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT - SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ - Well Stimulation Project (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP - EDR Proprietary Manufactured Gas Plants

EDR Hist Auto---------- EDR Exclusive Historical Auto Stations

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF---------- Recovered Government Archive Solid Waste Facilities List
RGA LUST---------- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal RCRA generators

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 07/24/2023 has revealed that there are 5 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AVTEK SYST INC EPA ID:: CAD009442948	***398 BEACH RD***	***SE 1/8 - 1/4 (0.185 mi.)***	***G31***	***44***
AIR CONDITIONING CO EPA ID:: CAD074677048	***360 BEACH RD***	***SE 1/8 - 1/4 (0.197 mi.)***	***G33***	***51***
COVALENT INDUSTRIAL EPA ID:: CAL000209152	330 BEACH ROAD	SE 1/8 - 1/4 (0.227 mi.)	I47	74
PHOENIX PHARMACEUTIC EPA ID:: CAR000305615	330 BEACH ROAD	SE 1/8 - 1/4 (0.227 mi.)	I48	78

Lower Elevation	Address	Direction / Distance	Map ID	Page
KENT INTERNATIONAL EPA ID:: CAD981667215	***339 BEACH RD***	***SE 1/8 - 1/4 (0.249 mi.)***	***I53***	***123***

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 07/24/2023 has revealed that there are 5 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BURLINGAME HIGH SCHO	***400 CAROLAN AVENUE***	***SSW 1/2 - 1 (0.726 mi.)***	***61***	***150***
Facility Id: 41820008				
Status: Certified / Operation & Maintenance				
ROYALE RUG & DRAPERY	***850 N. DELAWARE***	***SSE 1/2 - 1 (0.824 mi.)***	***62***	***182***
Facility Id: 41720099				
Status: Refer: Other Agency				
ALIOTO'S GARAGE - SA	***815 WOODSIDE WAY***	***SSE 1/2 - 1 (0.963 mi.)***	***64***	***185***
Facility Id: 41750034				
Status: No Further Action				
PACIFIC READY-MIX	***850 NORTH SAN MATEO***	***S 1/2 - 1 (0.994 mi.)***	***65***	***188***
Facility Id: 41320028				
Status: Refer: Other Agency				

Lower Elevation	Address	Direction / Distance	Map ID	Page
BROWNING-FERRIS INDU	AIRPORT BOULEVARD NE	W 1/2 - 1 (0.941 mi.)	63	184
Facility Id: 41490050				
Status: Refer: RWQCB				

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 9 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ANZA PARK & FLY	***615 AIRPORT***	***SW 1/8 - 1/4 (0.180 mi.)***	***F27***	***27***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019				
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Database: LUST, Date of Government Version: 09/05/2023				

Status: Completed - Case Closed
Facility Status: Case Closed
Facility Id: 660085
Facility Status: 9- Case Closed
Global Id: T0608192381
Global ID: T0608192381
date9: 3/17/2000

GOLDEN GATE DRYWALL ***399 BEACH*** ***SSE 1/8 - 1/4 (0.213 mi.)*** ***G37*** ***61***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Case Closed
date9: 10/4/2002

GOLDEN GATE DRYWALL ***399 BEACH*** ***SSE 1/8 - 1/4 (0.213 mi.)*** ***G38*** ***63***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 09/05/2023
Status: Completed - Case Closed
Facility Id: 660069
Facility Status: 9- Case Closed
Global Id: T0608100992
Global ID: T0608100992

REAL ESTATE NORTH IN ***370 LANG*** ***SSE 1/4 - 1/2 (0.267 mi.)*** ***56*** ***130***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 09/05/2023
Status: Completed - Case Closed
Facility Id: 669104
Facility Id: 660100
Facility Status: 9- Case Closed
Global Id: T0608108772
Global ID: T10000003038

HAMBLIN TRUST ***1065 AMPHLETT BOULEV*** ***SE 1/4 - 1/2 (0.475 mi.)*** ***60*** ***144***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 09/05/2023
Status: Completed - Case Closed
Facility Id: 110176
Facility Status: 9- Case Closed
Global Id: T10000003674
Global ID: TI0000003674

Lower Elevation	Address	Direction / Distance	Map ID	Page

CARUFF CALIFORNIA CO ***350 AIRPORT*** ***E 0 - 1/8 (0.083 mi.)*** ***C16*** ***19***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 09/05/2023
Status: Completed - Case Closed
Facility Id: 660033
Facility Status: 9- Case Closed
Global Id: T0608100107
Global ID: T0608100107

CARUFF CALIFORNIA CO ***350 AIRPORT*** ***E 0 - 1/8 (0.083 mi.)*** ***C17*** ***21***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Case Closed
date9: 10/10/1993

SPRINT ***828 AIRPORT*** ***W 1/4 - 1/2 (0.447 mi.)*** ***K57*** ***140***
Database: LUST REG 2, Date of Government Version: 09/30/2004

Facility Status: Case Closed
date9: 10/4/2000

SPRINT	***828 AIRPORT***	***W 1/4 - 1/2 (0.447 mi.)***	***K58***	***140***

Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 09/05/2023
Status: Completed - Case Closed
Facility Id: 660084
Facility Status: 9- Case Closed
Global Id: T0608101111
Global ID: T0608101111

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there is 1 CPS-SLIC site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
REAL ESTATE NORTH IN	***370 LANG***	***SSE 1/4 - 1/2 (0.267 mi.)***	***56***	***130***

Database: CPS-SLIC, Date of Government Version: 09/05/2023
Global Id: T10000003038
Facility Status: Completed - Case Closed

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 07/17/2023 has revealed that there are 3 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ANZA PARK N SKY	***615 AIRPORT BLVD***	***SW 1/8 - 1/4 (0.180 mi.)***	***F28***	***32***
PHOENIX PHARMACEUTIC	***330 BEACH RD***	***SE 1/8 - 1/4 (0.227 mi.)***	***I51***	***85***

Lower Elevation	Address	Direction / Distance	Map ID	Page
META PLATFORMS TECHN	***311 AIRPORT BLVD***	***E 1/8 - 1/4 (0.202 mi.)***	***H35***	***57***

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 4 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
METRO PARK AIRPORT P Status: A Tank Status: A Comp Number: 660013	***615 AIRPORT BLVD***	***SW 1/8 - 1/4 (0.180 mi.)***	***F30***	***43***
GOLDEN GATE DRYWALL Comp Number: 660092	***399 BEACH RD***	***SSE 1/8 - 1/4 (0.213 mi.)***	***G42***	***69***
Not reported Comp Number: 660093	371 BEACH RD	SE 1/8 - 1/4 (0.226 mi.)	I44	72

Lower Elevation	Address	Direction / Distance	Map ID	Page
CARRUF Comp Number: 660090	***350 AIRPORT BLVD***	***E 0 - 1/8 (0.083 mi.)***	***C13***	***17***

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 3 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ANZA PARK & FLY Facility Id: 00000004118	***615 AIRPORT***	***SW 1/8 - 1/4 (0.180 mi.)***	***F27***	***27***
GOLDEN GATE DRYWALL	***399 BEACH***	***SSE 1/8 - 1/4 (0.213 mi.)***	***G37***	***61***
GOLDEN GATE DRYWALL Facility Id: 00000036043	***399 BEACH RD***	***SSE 1/8 - 1/4 (0.213 mi.)***	***G42***	***69***

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 07/17/2023 has revealed that there is 1 CERS TANKS site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
META PLATFORMS TECHN	***311 AIRPORT BLVD***	***E 1/8 - 1/4 (0.202 mi.)***	***H35***	***57***

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 3 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
METRO PARK AIRPORT P Facility Id: 41001450 Status: A	***615 AIRPORT BLVD***	***SW 1/8 - 1/4 (0.180 mi.)***	***F30***	***43***
GOLDEN GATE DRYWALL Facility Id: 41002283 Status: A	***399 BEACH***	***SSE 1/8 - 1/4 (0.213 mi.)***	***G37***	***61***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CARRUF Facility Id: 41000140 Status: A	***350 AIRPORT BLVD***	***E 0 - 1/8 (0.083 mi.)***	***C13***	***17***

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 07/24/2023 has revealed that there are 8 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNIDENT CALIFORNIA C EPA ID:: CAL000464622	411 AIRPORT BLVD	ESE 0 - 1/8 (0.023 mi.)	3	10
WATERFRONT PLAZA PRO EPA ID:: CAC003138535	500 AIRPORT BLVD	SSW 0 - 1/8 (0.040 mi.)	B5	12
ANZA PARKING EPA ID:: CAL000082509	615 AIRPORT BLVD	SW 1/8 - 1/4 (0.180 mi.)	F29	41
CROWN COMPUTER RECYC EPA ID:: CAR000181057	384 BEACH RD	SE 1/8 - 1/4 (0.185 mi.)	G32	47
GOLDEN GATE DRYWALL EPA ID:: CAL000001465	399 BEACH RD	SSE 1/8 - 1/4 (0.213 mi.)	G40	65
PHOENIX PHARMACEUTIC EPA ID:: CAL000319287	330 BEACH RD	SE 1/8 - 1/4 (0.227 mi.)	I49	80

Lower Elevation	Address	Direction / Distance	Map ID	Page
FACEBOOK TECHNOLOGIE EPA ID:: CAL000462877	311 AIRPORT BLVD	E 1/8 - 1/4 (0.202 mi.)	H34	54
DESIGN AND CUSTOMIZE	322 BEACH RD	SE 1/8 - 1/4 (0.250 mi.)	J55	127

EXECUTIVE SUMMARY

EPA ID:: CAL000469882

PFAS ECHO: Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

A review of the PFAS ECHO list, as provided by EDR, and dated 07/05/2023 has revealed that there are 2 PFAS ECHO sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PHOENIX PHARMACEUTIC		SE 1/8 - 1/4 (0.222 mi.)	I43	70
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
DESIGN AND CUSTOMIZE		***SE 1/8 - 1/4 (0.250 mi.)***	***J54***	***126***

Hazardous Materials Business Plan, Hazardous Waste Generator, Underground Storage tanks

A review of the San Mateo Co. BI list, as provided by EDR, and dated 02/20/2020 has revealed that there are 27 San Mateo Co. BI sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AT&T MOBILITY-13241 Facility Id: FA0029526	433 AIRPORT	SSE 0 - 1/8 (0.023 mi.)	A1	9
SPRINT NEXTEL CELL S Facility Id: FA0044822	433 AIRPORT	SSE 0 - 1/8 (0.023 mi.)	A2	9
FARALLON HOME HEALTH Facility Id: FA0049966	533 AIRPORT	S 0 - 1/8 (0.052 mi.)	B7	15
SPRINT COMMUNICATION Facility Id: FA0016046	533 AIRPORT	S 0 - 1/8 (0.052 mi.)	B8	15
SONGS CAFETERIA Facility Id: FA0025899	533 AIRPORT	S 0 - 1/8 (0.052 mi.)	B9	16
VERIZON WIRELESS BAY Facility Id: FA0061140	533 AIRPORT	S 0 - 1/8 (0.052 mi.)	B10	16
BAYSIDE CAFE Facility Id: FA0051544	533 AIRPORT	S 0 - 1/8 (0.052 mi.)	B11	17
BAYSIDE CAFE Facility Id: FA0054318	533 AIRPORT	S 0 - 1/8 (0.052 mi.)	B12	17
VIRGIN AMERICA Facility Id: FA0035341	555 AIRPORT	S 0 - 1/8 (0.101 mi.)	D18	23
ALASKA AIRLINES Facility Id: FA0037458	555 AIRPORT	S 0 - 1/8 (0.101 mi.)	D19	23
HUDSON BAY PARK PLAZ Facility Id: FA0058246	555/577 AIRPORT	S 0 - 1/8 (0.101 mi.)	D20	23
HILTON SAN FRANCISCO Facility Id: FA0063939	600 AIRPORT	SW 0 - 1/8 (0.120 mi.)	E21	24

Facility Id: FA0008100				
TRAVEL TRADERS #3045 Facility Id: FA0000658	600 AIRPORT	SW 0 - 1/8 (0.120 mi.)	E22	25
SHERATON GATEWAY HOT Facility Id: FA0011654	600 AIRPORT	SW 0 - 1/8 (0.120 mi.)	E23	25
HILTON SAN FRANCISCO Facility Id: FA0064204	600 AIRPORT	SW 0 - 1/8 (0.120 mi.)	E24	25
BAY PARK PLAZA Facility Id: FA0038430	577/555 AIRPORT	SW 1/8 - 1/4 (0.135 mi.)	E25	26
BURLINGAME BAY LLC Facility Id: FA0060643	577 AIRPORT	SW 1/8 - 1/4 (0.135 mi.)	E26	26
ANZA PARK & FLY Facility Id: FA0017965	***615 AIRPORT***	***SW 1/8 - 1/4 (0.180 mi.)***	***F27***	***27***
BURLINGAME THEATRE S Facility Id: FA0000405	350 BEACH	SE 1/8 - 1/4 (0.207 mi.)	I36	61
NEXTEL-SITE ID CA-22 Facility Id: FA0027318	399 BEACH	SSE 1/8 - 1/4 (0.213 mi.)	G39	65
GOLDEN GATE DRYWALL Facility Id: FA0011110	***399 BEACH***	***SSE 1/8 - 1/4 (0.213 mi.)***	***G41***	***68***
RESIDENCE Facility Id: FA0011151	371 BEACH	SE 1/8 - 1/4 (0.226 mi.)	I45	72
PHOENIX PHARMACEUTIC Facility Id: FA0034787 Facility Id: FA0034800	330 BEACH	SE 1/8 - 1/4 (0.227 mi.)	I46	73
COVALENT INDUSTRIAL Facility Id: FA0026163	330 BEACH	SE 1/8 - 1/4 (0.227 mi.)	I50	84
STEMRD INC Facility Id: FA0045138	332 BEACH	SE 1/8 - 1/4 (0.227 mi.)	I52	123

Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
KINCAIDS BAYHOUSE Facility Id: FA0001812	60 BAYVIEW	W 0 - 1/8 (0.044 mi.)	6	15
CARRUF Facility Id: FA0016670	350 AIRPORT	E 0 - 1/8 (0.083 mi.)	C14	18

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 06/14/2023 has revealed that there are 6 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
ANZA PARK & FLY Cleanup Status: COMPLETED - CASE CLOSED	***615 AIRPORT***	***SW 1/8 - 1/4 (0.180 mi.)***	***F27***	***27***
GOLDEN GATE DRYWALL Cleanup Status: COMPLETED - CASE CLOSED	***399 BEACH***	***SSE 1/8 - 1/4 (0.213 mi.)***	***G37***	***61***
REAL ESTATE NORTH IN	***370 LANG***	***SSE 1/4 - 1/2 (0.267 mi.)***	***56***	***130***

Cleanup Status: COMPLETED - CASE CLOSED

HAMBLIN TRUST	***1065 AMPHLETT BOULEV***	***SE 1/4 - 1/2 (0.475 mi.)***	***60***	***144***

Cleanup Status: COMPLETED - CASE CLOSED

Lower Elevation	Address	Direction / Distance	Map ID	Page
CARUFF CALIFORNIA CO	***350 AIRPORT***	***E 0 - 1/8 (0.083 mi.)***	***C17***	***21***

Cleanup Status: COMPLETED - CASE CLOSED

SPRINT	***828 AIRPORT***	***W 1/4 - 1/2 (0.447 mi.)***	***K57***	***140***

Cleanup Status: COMPLETED - CASE CLOSED

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 4 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GOLDEN GATE DRYWALL	***399 BEACH***	***SSE 1/8 - 1/4 (0.213 mi.)***	***G38***	***63***

Reg Id: 41-1081

PACIFIC BELL	***1007 HOWARD***	***SE 1/4 - 1/2 (0.454 mi.)***	***59***	***143***

Reg Id: 2548

Lower Elevation	Address	Direction / Distance	Map ID	Page
CARUFF CALIFORNIA CO	***350 AIRPORT***	***E 0 - 1/8 (0.083 mi.)***	***C16***	***19***

Reg Id: 41-0113

SPRINT	***828 AIRPORT***	***W 1/4 - 1/2 (0.447 mi.)***	***K58***	***140***

Reg Id: 41-1215

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 09/07/2023 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CARUFF CALIFORNIA CO	350 AIRPORT BOULEVAR	E 0 - 1/8 (0.083 mi.)	C15	18

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EXECUTIVE SUMMARY

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.125 miles of the target property.

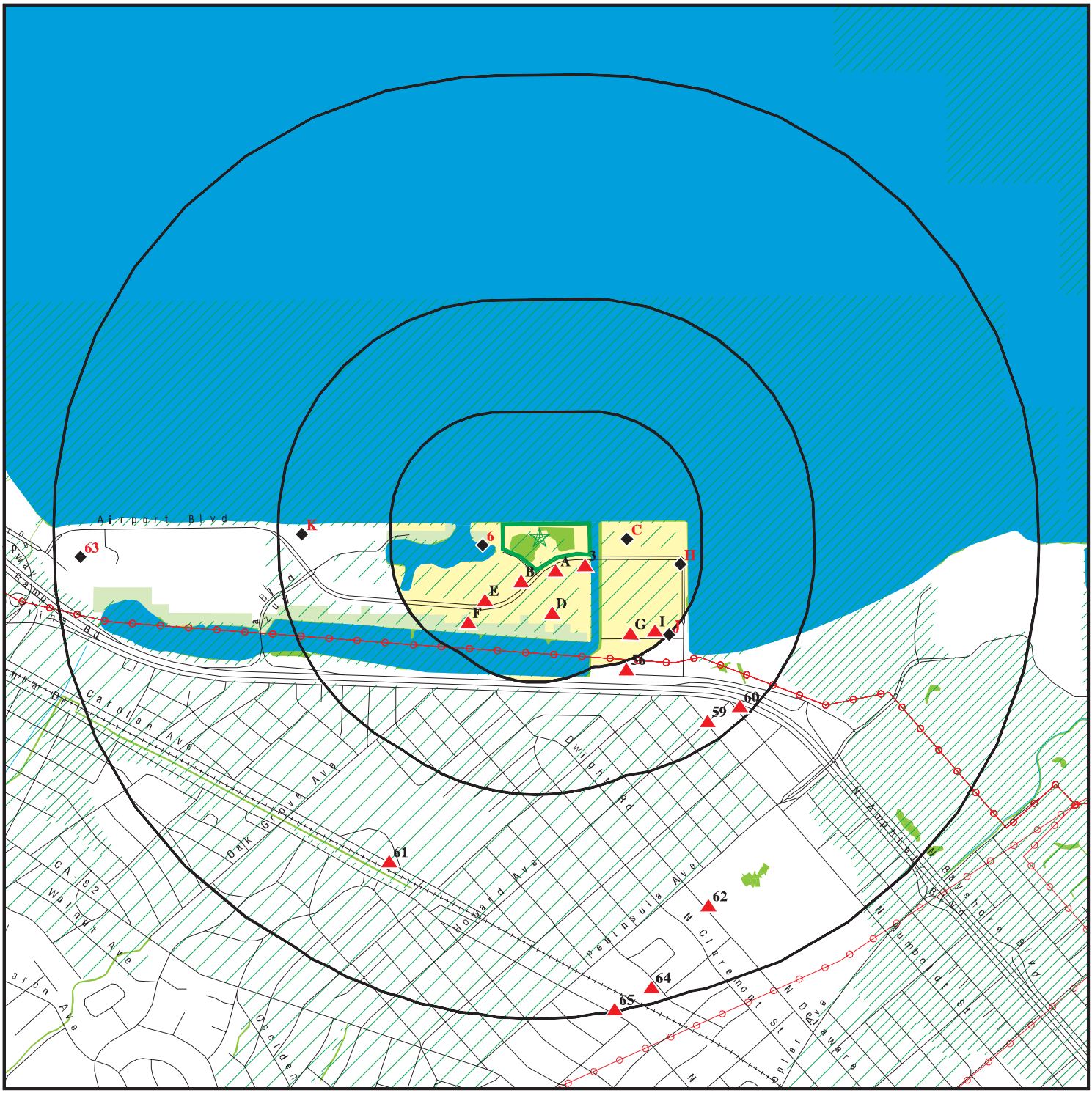
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CLEAN N PRESS INC	500 AIRPORT BLVD STE	SSW 0 - 1/8 (0.040 mi.)	B4	12

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name	Database(s)
CITY OF BURLINGAME SLUDGE PONDS	SWF/LF

OVERVIEW MAP - 7508626.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 410 Airport Boulevard	CLIENT: ICF Jones and Stokes
ADDRESS: 410 Airport Boulevard Burlingame CA 94010	CONTACT: Mario Barrera INQUIRY #: 7508626.2s
LAT/LONG: 37.591579 / 122.340454	DATE: November 29, 2023 8:05 pm

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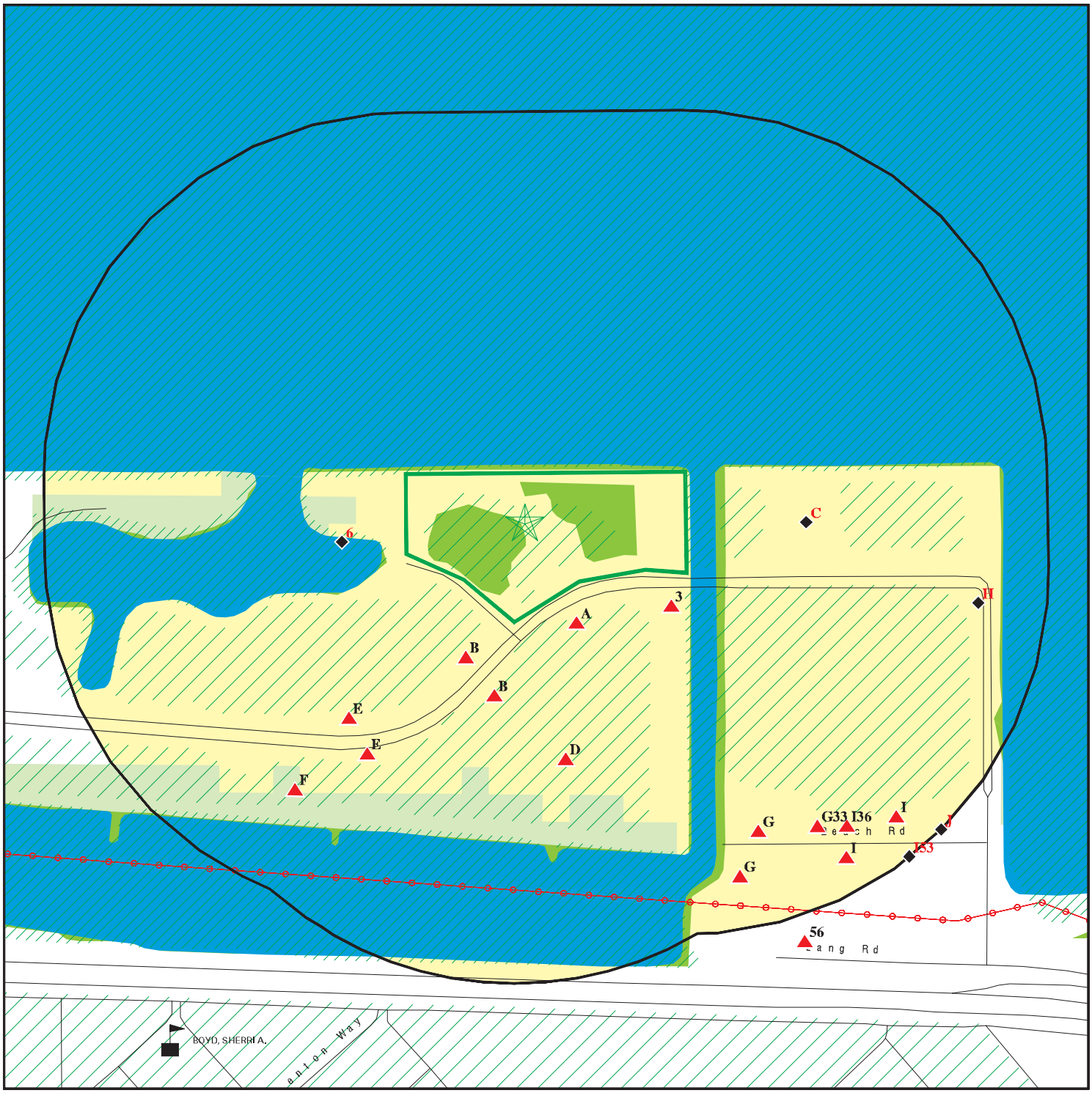
DETAIL MAP - 7508626.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	410 Airport Boulevard	CLIENT:	ICF Jones and Stokes
ADDRESS:	410 Airport Boulevard Burlingame CA 94010	CONTACT:	Mario Barrera
		INQUIRY #:	7508626.2s
LAT/LONG:	37.591579 / 122.340454	DATE:	November 29, 2023 8:07 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	5	NR	NR	NR	5
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
RESPONSE	1.000		0	0	0	0	NR	0
Lists of state- and tribal hazardous waste facilities								
ENVIROSTOR	1.000		0	0	0	5	NR	5
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Lists of state and tribal leaking storage tanks								
LUST	0.500		2	3	4	NR	NR	9
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	1	NR	NR	1
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		0	3	NR	NR	NR	3
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		1	3	NR	NR	NR	4
HIST UST	0.250		0	3	NR	NR	NR	3
CERS TANKS	0.250		0	1	NR	NR	NR	1
CA FID UST	0.250		1	2	NR	NR	NR	3
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		2	6	NR	NR	NR	8
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	2	NR	NR	NR	2
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	0.001		0	NR	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
San Mateo Co. BI	0.250		17	10	NR	NR	NR	27
CHROME PLATING	0.500		0	0	0	NR	NR	0
Cortese	0.500		1	2	3	NR	NR	6
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		1	1	2	NR	NR	4
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWTS	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		1	0	0	0	NR	1
HAZMAT	0.250		0	0	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		0	NR	NR	NR	NR	0
CERS	0.001		0	NR	NR	NR	NR	0
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		1	NR	NR	NR	NR	1
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	27	41	10	5	0	83

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **AT&T MOBILITY-13241** **San Mateo Co. BI** **S113758132**
SSE **433 AIRPORT** **N/A**
< 1/8 **BURLINGAME, CA 94010**
0.023 mi.
121 ft. **Site 1 of 2 in cluster A**

Relative: San Mateo Co. BI:
Higher

Name:	AT&T MOBILITY-13241
Address:	433 AIRPORT
City,State,Zip:	BURLINGAME, CA 94010
Region:	SAN MATEO
Facility ID:	FA0029526
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0050317
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Actual:
10 ft.

Name:	AT&T MOBILITY-13241
Address:	433 AIRPORT
City,State,Zip:	BURLINGAME, CA 94010
Region:	SAN MATEO
Facility ID:	FA0029526
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0050316
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

A2 **SPRINT NEXTEL CELL SITE FS04XC072** **San Mateo Co. BI** **S113758631**
SSE **433 AIRPORT** **N/A**
< 1/8 **BURLINGAME, CA 94010**
0.023 mi.
121 ft. **Site 2 of 2 in cluster A**

Relative: San Mateo Co. BI:
Higher

Name:	SPRINT NEXTEL CELL SITE FS04XC072
Address:	433 AIRPORT
City,State,Zip:	BURLINGAME, CA 94010
Region:	SAN MATEO
Facility ID:	FA0044822
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0056954
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Actual:
10 ft.

Name:	SPRINT NEXTEL CELL SITE FS04XC072
Address:	433 AIRPORT
City,State,Zip:	BURLINGAME, CA 94010
Region:	SAN MATEO
Facility ID:	FA0044822
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0056953
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

3
ESE
< 1/8
0.023 mi.
123 ft.

UNIDENT CALIFORNIA CORPORATION
411 AIRPORT BLVD
BURLINGAME, CA 94010

RCRA NonGen / NLR **1026829561** **CAL000464622**

Relative:
Higher

Actual:
10 ft.

RCRA Listings:

Date Form Received by Agency:	20210806
Handler Name:	Unident California Corporation
Handler Address:	411 AIRPORT BLVD
Handler City,State,Zip:	BURLINGAME, CA 94010
EPA ID:	CAL000464622
Contact Name:	TREAVOR OLMSTEAD
Contact Address:	411 AIRPORT BLVD
Contact City,State,Zip:	BURLINGAME, CA 94010
Contact Telephone:	650-348-3391
Contact Fax:	650-348-3317
Contact Email:	TOLMSTEAD@UNIDENTLAB.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	411 AIRPORT BLVD
Mailing City,State,Zip:	BURLINGAME, CA 94010
Owner Name:	Unident California Corporation
Owner Type:	Other
Operator Name:	Treavor Olmstead
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

UNIDENT CALIFORNIA CORPORATION (Continued) **1026829561**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210812
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: TREAVOR OLMSTEAD	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	411 AIRPORT BLVD
Owner/Operator City,State,Zip:	BURLINGAME, CA 94010
Owner/Operator Telephone:	650-348-3391
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: UNIDENT CALIFORNIA CORPORATION	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	411 AIRPORT BLVD
Owner/Operator City,State,Zip:	BURLINGAME, CA 94010
Owner/Operator Telephone:	650-348-3391
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20210806
Handler Name: UNIDENT CALIFORNIA CORPORATION	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

UNIDENT CALIFORNIA CORPORATION (Continued) **1026829561**

List of NAICS Codes and Descriptions:
NAICS Code: 339116
NAICS Description: DENTAL LABORATORIES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

B4 **CLEAN N PRESS INC** **EDR Hist Cleaner** **1018541777**
SSW **500 AIRPORT BLVD STE 100** **N/A**
< 1/8 **BURLINGAME, CA 94010**
0.040 mi.
210 ft. **Site 1 of 8 in cluster B**

Relative: EDR Hist Cleaner
Higher

Actual: Year: Name: Type:
12 ft.

Year	Name	Type
1995	CLEAN N PRESS	Laundry And Drycleaner Agents
1996	CLEAN N PRESS	Laundry And Drycleaner Agents
1997	CLEAN N PRESS	Laundry And Drycleaner Agents
1998	CLEAN N PRESS INC	Laundry And Drycleaner Agents
1999	CLEAN N PRESS INC	Laundry And Drycleaner Agents
2000	CLEAN N PRESS INC	Laundry And Drycleaner Agents
2001	CLEAN N PRESS INC	Laundry And Drycleaner Agents
2002	CLEAN N PRESS INC	Laundry And Drycleaner Agents
2003	CLEAN N PRESS INC	Laundry And Drycleaner Agents
2004	CLEAN N PRESS INC	Laundry And Drycleaner Agents
2005	CLEAN N PRESS INC	Laundry And Drycleaner Agents

B5 **WATERFRONT PLAZA PROPERTIES, LLC** **RCRA NonGen / NLR** **1027067302**
SSW **500 AIRPORT BLVD** **CAC003138535**
< 1/8 **BURLINGAME, CA 94010**
0.040 mi.
210 ft. **Site 2 of 8 in cluster B**

Relative: RCRA Listings:
Higher

Actual:
12 ft.

Date Form Received by Agency:	20210910
Handler Name:	Waterfront Plaza Properties, Llc
Handler Address:	500 AIRPORT BLVD
Handler City,State,Zip:	BURLINGAME, CA 94010
EPA ID:	CAC003138535
Contact Name:	WATERFRONT PLAZA PROPERTIES
Contact Address:	500 AIRPORT BLVD SUITE#101
Contact City,State,Zip:	BURLINGAME, CA 94010
Contact Telephone:	650-931-9440
Contact Fax:	Not reported
Contact Email:	JASON@WATERFRONTPLZ.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported

WATERFRONT PLAZA PROPERTIES, LLC (Continued) **1027067302**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	500 AIRPORT BLVD SUITE#101
Mailing City,State,Zip:	BURLINGAME, CA 94010
Owner Name:	Waterfront Plaza Properties, Llc
Owner Type:	Other
Operator Name:	Waterfront Plaza Properties
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210913
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WATERFRONT PLAZA PROPERTIES, LLC
Legal Status:	Other

WATERFRONT PLAZA PROPERTIES, LLC (Continued) **1027067302**

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 500 AIRPORT BLVD SUITE#101
Owner/Operator City,State,Zip: BURLINGAME, CA 94010
Owner/Operator Telephone: 650-931-9440
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WATERFRONT PLAZA PROPERTIES
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 500 AIRPORT BLVD SUITE#101
Owner/Operator City,State,Zip: BURLINGAME, CA 94010
Owner/Operator Telephone: 650-931-9440
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20210910
Handler Name: WATERFRONT PLAZA PROPERTIES, LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 54162
NAICS Description: ENVIRONMENTAL CONSULTING SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

6
West
< 1/8
0.044 mi.
234 ft.

KINCAIDS BAYHOUSE
60 BAYVIEW
BURLINGAME, CA 94010

San Mateo Co. BI **S123179629**
N/A

Relative:
Lower

Actual:
0 ft.

San Mateo Co. BI:

Name:	KINCAIDS BAYHOUSE
Address:	60 BAYVIEW
City,State,Zip:	BURLINGAME, CA 94010
Region:	SAN MATEO
Facility ID:	FA0001812
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0041398
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

B7
South
< 1/8
0.052 mi.
277 ft.

FARALLON HOME HEALTHCARE
533 AIRPORT
BURLINGAME, CA 94010

Site 3 of 8 in cluster B

San Mateo Co. BI **S123182971**
N/A

Relative:
Higher

Actual:
11 ft.

San Mateo Co. BI:

Name:	FARALLON HOME HEALTHCARE
Address:	533 AIRPORT
City,State,Zip:	BURLINGAME, CA 94010
Region:	SAN MATEO
Facility ID:	FA0049966
Prog Element Code:	LIMITED MEDICAL WASTE HAULER EXEMPTION
Record Id:	PR0068380
Description:	SQG WITH TRANSPORT
Facility Status:	Inactive, non-billable
Program Category:	MEDICAL WASTE

B8
South
< 1/8
0.052 mi.
277 ft.

SPRINT COMMUNICATIONS CO
533 AIRPORT
BURLINGAME, CA 94010

Site 4 of 8 in cluster B

San Mateo Co. BI **S113756179**
N/A

Relative:
Higher

Actual:
11 ft.

San Mateo Co. BI:

Name:	SPRINT COMMUNICATIONS CO
Address:	533 AIRPORT
City,State,Zip:	BURLINGAME, CA 94010
Region:	SAN MATEO
Facility ID:	FA0016046
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0004761
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	SPRINT COMMUNICATIONS CO
Address:	533 AIRPORT
City,State,Zip:	BURLINGAME, CA 94010
Region:	SAN MATEO

SPRINT COMMUNICATIONS CO (Continued) **S113756179**

Facility ID:	FA0016046
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0040205
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

B9 **SONGS CAFETERIA** **San Mateo Co. BI** **S123181078**
South **533 AIRPORT** **N/A**
< 1/8 **BURLINGAME, CA 94010**
0.052 mi.
277 ft. **Site 5 of 8 in cluster B**

Relative: **Higher**
Actual: **11 ft.**

San Mateo Co. BI:

Name:	SONGS CAFETERIA
Address:	533 AIRPORT
City,State,Zip:	BURLINGAME, CA 94010
Region:	SAN MATEO
Facility ID:	FA0025899
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0041538
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

B10 **VERIZON WIRELESS BAYSHORE SOUTH** **San Mateo Co. BI** **S119781844**
South **533 AIRPORT** **N/A**
< 1/8 **BURLINGAME, CA 94010**
0.052 mi.
277 ft. **Site 6 of 8 in cluster B**

Relative: **Higher**
Actual: **11 ft.**

San Mateo Co. BI:

Name:	VERIZON WIRELESS BAYSHORE SOUTH
Address:	533 AIRPORT
City,State,Zip:	BURLINGAME, CA 94010
Region:	SAN MATEO
Facility ID:	FA0061140
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0083815
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Name:	VERIZON WIRELESS BAYSHORE SOUTH
Address:	533 AIRPORT
City,State,Zip:	BURLINGAME, CA 94010
Region:	SAN MATEO
Facility ID:	FA0061140
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0083814
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

B11 **BAYSIDE CAFE** **San Mateo Co. BI** **S123183172**
South **533 AIRPORT** **N/A**
< 1/8 **BURLINGAME, CA 94010**
0.052 mi.
277 ft. **Site 7 of 8 in cluster B**

Relative: **Higher**
Actual: **11 ft.**

San Mateo Co. BI:

Name:	BAYSIDE CAFE
Address:	533 AIRPORT
City,State,Zip:	BURLINGAME, CA 94010
Region:	SAN MATEO
Facility ID:	FA0051544
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0071424
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

B12 **BAYSIDE CAFE** **San Mateo Co. BI** **S123183491**
South **533 AIRPORT** **N/A**
< 1/8 **BURLINGAME, CA 94010**
0.052 mi.
277 ft. **Site 8 of 8 in cluster B**

Relative: **Higher**
Actual: **11 ft.**

San Mateo Co. BI:

Name:	BAYSIDE CAFE
Address:	533 AIRPORT
City,State,Zip:	BURLINGAME, CA 94010
Region:	SAN MATEO
Facility ID:	FA0054318
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0074963
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

C13 **CARRUF** **SWEEPS UST** **S101593679**
East **350 AIRPORT BLVD** **CA FID UST** **N/A**
< 1/8 **BURLINGAME, CA 94010**
0.083 mi.
438 ft. **Site 1 of 5 in cluster C**

Relative: **Lower**
Actual: **8 ft.**

SWEEPS UST:

Name:	CARRUF
Address:	350 AIRPORT BLVD
City:	BURLINGAME
Status:	Not reported
Comp Number:	660090
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-660090-000001
Tank Status:	Not reported
Capacity:	2000
Active Date:	Not reported

CARRUF (Continued) **S101593679**

Tank Use: Not reported
STG: PRODUCT
Content: Not reported
Number Of Tanks: 1

CA FID UST:
Facility ID: 41000140
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 1633 BAYSHORE HWY
Mailing Address 2: Not reported
Mailing City,St,Zip: BURLINGAME 94010
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

C14 **CARRUF** **San Mateo Co. BI** **S113756249**
East **350 AIRPORT** **N/A**
< 1/8 **BURLINGAME, CA 94010**
0.083 mi.
438 ft. **Site 2 of 5 in cluster C**

Relative: San Mateo Co. BI:
Lower Name: CARRUF
Actual: Address: 350 AIRPORT
8 ft. City,State,Zip: BURLINGAME, CA 94010
Region: SAN MATEO
Facility ID: FA0016670
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022801
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

C15 **CARUFF CALIFORNIA CORP.** **Notify 65** **S100179131**
East **350 AIRPORT BOULEVARD** **N/A**
< 1/8 **BURLINGAME, CA 92201**
0.083 mi.
438 ft. **Site 3 of 5 in cluster C**

Relative: NOTIFY 65:
Lower Name: CARUFF CALIFORNIA CORP.
Actual: Address: 350 AIRPORT BOULEVARD
8 ft. City,State,Zip: BURLINGAME, CA 92201
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported

CARUFF CALIFORNIA CORP. (Continued) **S100179131**

Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported
Global ID: Not reported
Status: Not reported

C16 **CARUFF CALIFORNIA CORP** **LUST** **S103892158**
East **350 AIRPORT** **HIST CORTESE** **N/A**
< 1/8 **BURLINGAME, CA 94010**
0.083 mi.
438 ft. **Site 4 of 5 in cluster C**

Relative:
Lower

Actual:
8 ft.

SAN MATEO CO. LUST:

Name:	CARUFF CALIFORNIA CORP
Address:	350 AIRPORT BLVD
City,State,Zip:	BURLINGAME, CA
Region:	SAN MATEO
Facility ID:	660033
Facility Status:	9- Case Closed
Global ID:	T0608100107
APN Number:	026350120
Case Type:	BURLINGAME, CA
EDR Link ID:	BURLINGAME, CA

LUST:

Name:	CARUFF CALIFORNIA CORP
Address:	350 AIRPORT
City,State,Zip:	BURLINGAME, CA 94010
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100107
Global Id:	T0608100107
Latitude:	37.591569
Longitude:	-122.336906
Status:	Completed - Case Closed
Status Date:	10/10/1993
Case Worker:	BG
RB Case Number:	41-0113
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	660033
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	0
Begin Date:	06/15/1989
Leak Reported Date:	06/15/1989
How Discovered:	Other Means
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Other Means
Stop Description:	Not reported
No Further Action Date:	10/10/1993
CA Water Watershed Name:	South Bay - San Mateo Bayside (204.40)

CARUFF CALIFORNIA CORP (Continued) **S103892158**

Dwr Groundwater Subbasin Name: Westside (2-035)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 26-30%
CA Enviroscreen 4 Score: 20-25%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: Not reported

LUST:
Global Id: T0608100107
Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: BRIAN GWINN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 Alameda de las Pulgas, Suite 100
City: SAN MATEO
Email: bgwinn@smcgov.org
Phone Number: 6502724590

Global Id: T0608100107
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100107
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608100107
Action Type: RESPONSE
Date: 11/01/2006
Action: Other Report / Document

Global Id: T0608100107
Action Type: ENFORCEMENT
Date: 06/15/1989
Action: Notice of Responsibility - #1

Global Id: T0608100107
Action Type: Other
Date: 06/15/1989
Action: Leak Discovery

Global Id: T0608100107
Action Type: Other
Date: 06/15/1989
Action: Leak Reported

CARUFF CALIFORNIA CORP (Continued) **S103892158**

Global Id: T0608100107
Action Type: ENFORCEMENT
Date: 11/01/2006
Action: Technical Correspondence / Assistance / Other

LUST:
Global Id: T0608100107
Status: Open - Case Begin Date
Status Date: 06/15/1989

Global Id: T0608100107
Status: Completed - Case Closed
Status Date: 10/10/1993

HIST CORTESE:
edr_fname: CARUFF CALIFORNIA CORPORA
edr_fadd1: 350 AIRPORT
City,State,Zip: BURLINGAME, CA 94010
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0113

C17 **CARUFF CALIFORNIA CORP** **LUST** **S103890800**
East **350 AIRPORT** **Cortese** **N/A**
< 1/8 **BURLINGAME, CA 94010** **CERS**
0.083 mi.
438 ft. **Site 5 of 5 in cluster C**

Relative: **Lower**
Actual: **8 ft.**

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 660033
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CORTESE:
Name: CARUFF CALIFORNIA CORP
Address: 350 AIRPORT
City,State,Zip: BURLINGAME, CA 94010
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100107
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED

CARUFF CALIFORNIA CORP (Continued) **S103890800**

Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	CARUFF CALIFORNIA CORP
Address:	350 AIRPORT
City,State,Zip:	BURLINGAME, CA 94010
Site ID:	642106
CERS ID:	T0608100107
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	BRIAN GWINN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6502724590,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	UUU - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

D18 **VIRGIN AMERICA** **San Mateo Co. BI** **S123182251**
South **555 AIRPORT** **N/A**
< 1/8 **BURLINGAME, CA 94010**
0.101 mi.
533 ft. **Site 1 of 3 in cluster D**

Relative: San Mateo Co. BI:
Higher

Name:	VIRGIN AMERICA
Address:	555 AIRPORT
City,State,Zip:	BURLINGAME, CA 94010
Region:	SAN MATEO
Facility ID:	FA0035341
Prog Element Code:	SML QUANTITY GENERATOR(1-199lbs/Mo) OFF-SITE
Record Id:	PR0053168
Description:	SQG OFF-SITE TREATMENT (1-199 LB/MO)
Facility Status:	Inactive, non-billable
Program Category:	MEDICAL WASTE

Actual:
12 ft.

D19 **ALASKA AIRLINES** **San Mateo Co. BI** **S113758415**
South **555 AIRPORT** **N/A**
< 1/8 **BURLINGAME, CA 94010**
0.101 mi.
533 ft. **Site 2 of 3 in cluster D**

Relative: San Mateo Co. BI:
Higher

Name:	ALASKA AIRLINES
Address:	555 AIRPORT
City,State,Zip:	BURLINGAME, CA 94010
Region:	SAN MATEO
Facility ID:	FA0037458
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0054251
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Actual:
12 ft.

Name:	ALASKA AIRLINES
Address:	555 AIRPORT
City,State,Zip:	BURLINGAME, CA 94010
Region:	SAN MATEO
Facility ID:	FA0037458
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0054250
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

D20 **HUDSON BAY PARK PLAZA** **San Mateo Co. BI** **S117976197**
South **555/577 AIRPORT** **N/A**
< 1/8 **BURLINGAME, CA 94010**
0.101 mi.
533 ft. **Site 3 of 3 in cluster D**

Relative: San Mateo Co. BI:
Higher

Name:	HUDSON BAY PARK PLAZA
Address:	555/577 AIRPORT
City,State,Zip:	BURLINGAME, CA 94010
Region:	SAN MATEO

Actual:
12 ft.

HUDSON BAY PARK PLAZA (Continued) **S117976197**

Facility ID: FA0058246
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0080754
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: HUDSON BAY PARK PLAZA
Address: 555/577 AIRPORT
City,State,Zip: BURLINGAME, CA 94010
Region: SAN MATEO
Facility ID: FA0058246
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0080753
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

E21
SW
< 1/8
0.120 mi.
631 ft.

HILTON SAN FRANCISCO AIRPORT **San Mateo Co. BI** **S113755416**
600 AIRPORT **N/A**
BURLINGAME, CA 94010

Site 1 of 6 in cluster E

Relative:
Higher

Actual:
12 ft.

San Mateo Co. BI:
Name: HILTON SAN FRANCISCO AIRPORT
Address: 600 AIRPORT
City,State,Zip: BURLINGAME, CA 94010
Region: SAN MATEO
Facility ID: FA0063939
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0041446
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: HILTON SAN FRANCISCO AIRPORT
Address: 600 AIRPORT
City,State,Zip: BURLINGAME, CA 94010
Region: SAN MATEO
Facility ID: FA0008100
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0071366
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: HILTON SAN FRANCISCO AIRPORT
Address: 600 AIRPORT
City,State,Zip: BURLINGAME, CA 94010
Region: SAN MATEO
Facility ID: FA0008100
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0071363
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

E22 **TRAVEL TRADERS #3045** **San Mateo Co. BI** **S123179235**
SW **600 AIRPORT** **N/A**
< 1/8 **BURLINGAME, CA 94010**
0.120 mi.
631 ft. **Site 2 of 6 in cluster E**

Relative: San Mateo Co. BI:
Higher

Actual:
12 ft.

Name:	TRAVEL TRADERS #3045
Address:	600 AIRPORT
City,State,Zip:	BURLINGAME, CA 94010
Region:	SAN MATEO
Facility ID:	FA0000658
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0041381
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

E23 **SHERATON GATEWAY HOTEL SFIA** **San Mateo Co. BI** **S113755699**
SW **600 AIRPORT** **N/A**
< 1/8 **BURLINGAME, CA 94010**
0.120 mi.
631 ft. **Site 3 of 6 in cluster E**

Relative: San Mateo Co. BI:
Higher

Actual:
12 ft.

Name:	SHERATON GATEWAY HOTEL SFIA
Address:	600 AIRPORT
City,State,Zip:	BURLINGAME, CA 94010
Region:	SAN MATEO
Facility ID:	FA0011654
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0004739
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	SHERATON GATEWAY HOTEL SFIA
Address:	600 AIRPORT
City,State,Zip:	BURLINGAME, CA 94010
Region:	SAN MATEO
Facility ID:	FA0011654
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0040172
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

E24 **HILTON SAN FRANCISCO AIRPORT BAYFRONT** **San Mateo Co. BI** **S123184382**
SW **600 AIRPORT** **N/A**
< 1/8 **BURLINGAME, CA 94010**
0.120 mi.
631 ft. **Site 4 of 6 in cluster E**

Relative: San Mateo Co. BI:
Higher

Actual:
12 ft.

Name:	HILTON SAN FRANCISCO AIRPORT BAYFRONT
Address:	600 AIRPORT
City,State,Zip:	BURLINGAME, CA 94010
Region:	SAN MATEO

HILTON SAN FRANCISCO AIRPORT BAYFRONT (Continued) **S123184382**

Facility ID: FA0064204
Prog Element Code: SML QUANTITY GENERATOR(1-199lbs/Mo) OFF-SITE
Record Id: PR0087026
Description: SQG OFF-SITE TREATMENT (1-199 LB/MO)
Facility Status: Active, billable
Program Category: MEDICAL WASTE

E25 **BAY PARK PLAZA** **San Mateo Co. BI** **S113758462**
SW **577/555 AIRPORT** **N/A**
1/8-1/4 **BURLINGAME, CA 94010**
0.135 mi.
712 ft. **Site 5 of 6 in cluster E**

Relative: **Higher**
Actual: **13 ft.**

San Mateo Co. BI:
Name: BAY PARK PLAZA
Address: 577/555 AIRPORT
City,State,Zip: BURLINGAME, CA 94010
Region: SAN MATEO
Facility ID: FA0038430
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0054934
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: BAY PARK PLAZA
Address: 577/555 AIRPORT
City,State,Zip: BURLINGAME, CA 94010
Region: SAN MATEO
Facility ID: FA0038430
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0054955
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

E26 **BURLINGAME BAY LLC** **San Mateo Co. BI** **S119781780**
SW **577 AIRPORT** **N/A**
1/8-1/4 **BURLINGAME, CA 94010**
0.135 mi.
712 ft. **Site 6 of 6 in cluster E**

Relative: **Higher**
Actual: **13 ft.**

San Mateo Co. BI:
Name: BURLINGAME BAY LLC
Address: 577 AIRPORT
City,State,Zip: BURLINGAME, CA 94010
Region: SAN MATEO
Facility ID: FA0060643
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0083209
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: BURLINGAME BAY LLC
Address: 577 AIRPORT

BURLINGAME BAY LLC (Continued) **S119781780**

City,State,Zip: BURLINGAME, CA 94010
Region: SAN MATEO
Facility ID: FA0060643
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0083208
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

F27 **ANZA PARK & FLY** **LUST** **U001593894**
SW **615 AIRPORT** **HIST UST** **N/A**
1/8-1/4 **BURLINGAME, CA 94010** **San Mateo Co. Bl**
0.180 mi. **Cortese**
950 ft. **Site 1 of 4 in cluster F** **CERS**

Relative:
Higher

Actual:
13 ft.

SAN MATEO CO. LUST:
Name: ANZA PARK & FLY
Address: 615 AIRPORT BLVD
City,State,Zip: BURLINGAME, CA
Region: SAN MATEO
Facility ID: 660085
Facility Status: 9- Case Closed
Global ID: T0608192381
APN Number: 026363320
Case Type: BURLINGAME, CA
EDR Link ID: BURLINGAME, CA

LUST:
Name: ANZA PARK & FLY
Address: 615 AIRPORT BOULEVARD
City,State,Zip: BURLINGAME, CA 94010
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608192381
Global Id: T0608192381
Latitude: 37.5892239795631
Longitude: -122.344114780426
Status: Completed - Case Closed
Status Date: 03/17/2000
Case Worker: BG
RB Case Number: 41-4038
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency Warehouse
Local Case Number: 660085
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel
EPA Region: 9
Coordinate Source: Google Map Move
Cuf Case: NO
Quantity Released Gallons: 0
Begin Date: 04/21/1999
Leak Reported Date: 04/21/1999
How Discovered: Other Means
How Discovered Description: Not reported
Discharge Source: Not reported
Discharge Cause: Not reported
Stop Method: Other Means

ANZA PARK & FLY (Continued) **U001593894**

Stop Description:	Not reported
No Further Action Date:	03/17/2000
CA Water Watershed Name:	South Bay - San Mateo Bayside (204.40)
Dwr Groundwater Subbasin Name:	Westside (2-035)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	26-30%
CA Enviroscreen 4 Score:	20-25%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0608192381
Contact Type:	Local Agency Caseworker - Primary Caseworker
Contact Name:	BRIAN GWINN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 Alameda de las Pulgas, Suite 100
City:	SAN MATEO
Email:	bgwinn@smcgov.org
Phone Number:	6502724590

Global Id:	T0608192381
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608192381
Contact Type:	Regional Board Caseworker
Contact Name:	UUU
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0608192381
Action Type:	Other
Date:	04/21/1999
Action:	Leak Discovery

Global Id:	T0608192381
Action Type:	RESPONSE
Date:	03/06/2000
Action:	Other Report / Document

Global Id:	T0608192381
Action Type:	ENFORCEMENT
Date:	04/21/1999
Action:	Notice of Responsibility - #1

Global Id: T0608192381

ANZA PARK & FLY (Continued) **U001593894**

Action Type: Other
Date: 04/21/1999
Action: Leak Reported

Global Id: T0608192381
Action Type: ENFORCEMENT
Date: 11/01/2006
Action: Technical Correspondence / Assistance / Other

LUST:
Global Id: T0608192381
Status: Open - Case Begin Date
Status Date: 04/21/1999

Global Id: T0608192381
Status: Completed - Case Closed
Status Date: 03/17/2000

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 660085
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST UST:
Name: ANZA PARKING
Address: 615 AIRPORT BLVD
City,State,Zip: BURLINGAME, CA 94010
File Number: 0002c057
URL: https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002c057.pdf
Region: STATE
Facility ID: 00000004118
Facility Type: Gas Station
Other Type: AIRPORT PARKING SHUT
Contact Name: RICK BASTIAN
Telephone: 4153488801
Owner Name: METROPOLITAN PARKING CORPORATI
Owner Address: 615 AIRPORT BLVD.
Owner City,St,Zip: BURLINGAME, CA 94010
Total Tanks: 0001

Tank Num: 001
Container Num: 86-1D
Year Installed: Not reported

ANZA PARK & FLY (Continued) **U001593894**

Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Pressure Test

Click here for Geo Tracker PDF:

San Mateo Co. BI:
Name: ANZA PARKING CORPORATION
Address: 615 AIRPORT
City,State,Zip: BURLINGAME, CA 94010
Region: SAN MATEO
Facility ID: FA0017965
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0004646
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: ANZA PARKING CORPORATION
Address: 615 AIRPORT
City,State,Zip: BURLINGAME, CA 94010
Region: SAN MATEO
Facility ID: FA0017965
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0027342
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: ANZA PARKING CORPORATION
Address: 615 AIRPORT
City,State,Zip: BURLINGAME, CA 94010
Region: SAN MATEO
Facility ID: FA0017965
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022750
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: ANZA PARKING CORPORATION
Address: 615 AIRPORT
City,State,Zip: BURLINGAME, CA 94010
Region: SAN MATEO
Facility ID: FA0017965
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0040210
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

CORTESE:
Name: ANZA PARK & FLY
Address: 615 AIRPORT BOULEVARD

ANZA PARK & FLY (Continued) **U001593894**

City,State,Zip:	BURLINGAME, CA 94010
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608192381
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	ANZA PARK & FLY
Address:	615 AIRPORT BOULEVARD
City,State,Zip:	BURLINGAME, CA 94010
Site ID:	634193
CERS ID:	T0608192381
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	UUU - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	BRIAN GWINN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6502724590,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND

ANZA PARK & FLY (Continued) **U001593894**

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

F28 **ANZA PARK N SKY** **CERS HAZ WASTE** **S123731894**
SW **615 AIRPORT BLVD** **HWTS** **N/A**
1/8-1/4 **BURLINGAME, CA 94010** **HAZNET**
0.180 mi.
950 ft. **Site 2 of 4 in cluster F**

Relative:
Higher

Actual:
13 ft.

CERS HAZ WASTE:
Name: ANZA PARK N SKY
Address: 615 AIRPORT BLVD
City,State,Zip: BURLINGAME, CA 94010
Site ID: 6128
CERS ID: 10066318
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 6128
Site Name: ANZA PARK N SKY
Violation Date: 11-29-2016
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes: Returned to compliance on 12/05/2016. The last pickup of oil and coolant was in February 2016. Ensure waste is picked up at least every 6 months. If less drums are needed, get rid of a drum so they can be picked up more often.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 6128
Site Name: ANZA PARK N SKY
Violation Date: 11-29-2016
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 12/05/2016. Training is provided to new hires, but not annually. Perform training and submit documentation within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

ANZA PARK N SKY (Continued) **S123731894**

Site ID:	6128
Site Name:	ANZA PARK N SKY
Violation Date:	11-29-2016
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 12/05/2016. The waste antifreeze drum needs to be labeled with a full hazardous waste label. A label was on the used oil filters, but the accumulation start date was not filled in. A label was left on site. Provide proof of labeling within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	6128
Site Name:	ANZA PARK N SKY
Violation Date:	11-29-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 12/05/2016. Inventory only includes used oil filters x 10lbs, new motor oil x 100 gals and new antifreeze x 55 gals. Update the inventory to reflect all hazardous materials/waste over threshold amounts. There is a new oil tank approx 100 gals and a 55 gallon drum of new oil, there are 4 x 55 gallon drums of used oil, 2 x 55 gallon drums of used antifreeze, 1 x 55 gallon drum of used oil filters, two diesel generators (85 gals each) and a 55 gallon drum of soap.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	6128
Site Name:	ANZA PARK N SKY
Violation Date:	11-29-2016
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 12/05/2016. The oil filter drum was open and the waste antifreeze container was open. Close all bung caps and place lids on all drums at the end of the day and/or when not working in the area.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

ANZA PARK N SKY (Continued) **S123731894**

Site ID:	6128
Site Name:	ANZA PARK N SKY
Violation Date:	07-28-2021
Citation:	40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description:	Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes:	Returned to compliance on 07/29/2021. Complete the emergency procedures information form provided by the CUPA and post on-site in a visible location within 30 days. Provide confirmation to the CUPA that this was completed.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	6128
Site Name:	ANZA PARK N SKY
Violation Date:	07-28-2021
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 07/29/2021. Hazardous materials safety and emergency procedures employee training was last completed in 2019. Complete required annual employee training within 30 days and provide a copy of the training record to the CUPA to demonstrate that the training was completed.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	6128
Site Name:	ANZA PARK N SKY
Violation Date:	11-29-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 12/05/2016. Ensure all chemicals are indicated on the map. The diesel generator, soap, and the new oil are not listed on the map.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	6128
Site Name:	ANZA PARK N SKY
Violation Date:	06-17-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site

ANZA PARK N SKY (Continued) **S123731894**

at or above reportable quantities.
Violation Notes: Returned to compliance on 07/11/2019. Inventory only includes used oil filters x 10lbs, new motor oil x 100 gals and new antifreeze x 55 gals. Update the inventory to reflect all hazardous materials/waste over threshold amounts. There is a new oil tank approx 100 gals and a 55 gallon drum of new oil, there are 4 x 55 gallon drums of used oil, 2 x 55 gallon drums of used antifreeze, 1 x 55 gallon drum of used oil filters, two diesel generators (85 gals each) and a 55 gallon drum of soap.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 6128
Site Name: ANZA PARK N SKY
Violation Date: 11-29-2016
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 12/05/2016. EPA ID number is inactive. Submit form to reactivate number within 30 days. Form will be provided along with this inspection report.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 04-25-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: certifications
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-11-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-31-2022
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown

ANZA PARK N SKY (Continued) **S123731894**

Eval Date: 01-03-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-06-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-28-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-28-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: I met on-site with Kevin Huang from Anza Parking Corporation to conduct a Hazardous Waste Generator Program inspection. I inspected the hazardous waste storage locations and I didn’t observe any signs of a hazardous waste release.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-11-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-07-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown

ANZA PARK N SKY (Continued) **S123731894**

Eval Date: 11-13-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-29-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: HMBP last submitted 2/18/2016 on Portal and accepted.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-18-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-25-2022
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-17-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-17-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Approximate Waste generated: waste oil - 220 gals per year, waste coolant - 110 gals per year, waste oil filters - 55 gals per year. EPA ID number CAL000082509 Inactive. Last updated: 2016-12-01
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-28-2021

ANZA PARK N SKY (Continued) **S123731894**

Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: I met on-site with Kevin Huang from Anza Parking Corporation to conduct a Hazardous Materials Business Plan Program inspection. I inspected the hazardous materials and hazardous waste storage locations and I didn't observe any signs of a hazardous materials release.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-11-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-11-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-29-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Waste generated: waste oil - 220 gals per year, waste coolant - 110 gals per year, waste oil filters - 55 gals per year. EPA ID number CAL000082509 Inactive.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Coordinates:
Site ID: 6128
Facility Name: ANZA PARK N SKY
Env Int Type Code: HWG
Program ID: 10066318
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.588974
Longitude: -122.344727

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Kevin Huang
Entity Title: Not reported
Affiliation Address: 615 Airport Blvd
Affiliation City: Burlingame

ANZA PARK N SKY (Continued) **S123731894**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94010
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Kevin Huang
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	ANZA PARK N SKY
Entity Title:	Not reported
Affiliation Address:	615 AIRPORT BLVD
Affiliation City:	BURLINGAME
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94010
Affiliation Phone:	(650) 348-8800,
Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	615 AIRPORT BLVD
Affiliation City:	BURLINGAME
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94010
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	ANZA PARK N SKY
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	ANZA PARK N SKY

ANZA PARK N SKY (Continued) **S123731894**

Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 766-8308,

HWTS:

Name:	1X METROPOLITAN PARKING CORP
Address:	615 AIRPORT BLVD
Address 2:	Not reported
City,State,Zip:	BURLINGAME, CA 94010
EPA ID:	CAC000535952
Inactive Date:	10/25/2000
Create Date:	11/02/1990
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	615 AIRPORT BLVD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BURLINGAME, CA 940100000
Owner Name:	CORP
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,State,Zip:	Not reported
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	MARRISCOLO, NANCY/MGR
Contact Address:	Not reported
Contact Address 2:	Not reported
City,State,Zip:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	37.589355
Longitude:	-122.343295

HAZNET:

Name:	1X METROPOLITAN PARKING CORP
Address:	615 AIRPORT BLVD
Address 2:	Not reported
City,State,Zip:	BURLINGAME, CA 940100000
Contact:	MARRISCOLO, NANCY/MGR
Telephone:	4153488801
Mailing Name:	Not reported
Mailing Address:	615 AIRPORT BLVD
Year:	1990
Gepaid:	CAC000535952
TSD EPA ID:	CAT080011059
CA Waste Code:	-
Disposal Method:	01 -
Tons:	0.3544

F29 **ANZA PARKING** **RCRA NonGen / NLR** **1025865825**
SW **615 AIRPORT BLVD** **CAL000082509**
1/8-1/4 **BURLINGAME, CA 94010**
0.180 mi.
950 ft. **Site 3 of 4 in cluster F**

Relative:
Higher

Actual:
13 ft.

RCRA Listings:

Date Form Received by Agency:	19930401
Handler Name:	Anza Parking
Handler Address:	615 AIRPORT BLVD
Handler City,State,Zip:	BURLINGAME, CA 94010-1913
EPA ID:	CAL000082509
Contact Name:	KEVIN HUANG-OPERATIONS MANAGER
Contact Address:	615 AIRPORT BLVD
Contact City,State,Zip:	BURLINGAME, CA 94010-0000
Contact Telephone:	650-348-8800
Contact Fax:	650-348-9198
Contact Email:	KEVIN@ANZAPARKING.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	615 AIRPORT BLVD
Mailing City,State,Zip:	BURLINGAME, CA 94010-1913
Owner Name:	Anza Park And Sky Jonathan Wu
Owner Type:	Other
Operator Name:	Kevin Huang-Operations Manager
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

ANZA PARKING (Continued) **1025865825**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190729
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KEVIN HUANG-OPERATIONS MANAGER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	615 AIRPORT BLVD
Owner/Operator City,State,Zip:	BURLINGAME, CA 94010-0000
Owner/Operator Telephone:	650-348-8800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ANZA PARK AND SKY JONATHAN WU
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	50 DELMAR DR
Owner/Operator City,State,Zip:	BURLINGAME, CA 94010-0000
Owner/Operator Telephone:	415-789-9076
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19930401
Handler Name: ANZA PARKING	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

ANZA PARKING (Continued) **1025865825**

List of NAICS Codes and Descriptions:
NAICS Code: 81293
NAICS Description: PARKING LOTS AND GARAGES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

F30 **METRO PARK AIRPORT PARKING** **SWEEPS UST** **S101593862**
SW **615 AIRPORT BLVD** **CA FID UST** **N/A**
1/8-1/4 **BURLINGAME, CA 94010**
0.180 mi.
950 ft. **Site 4 of 4 in cluster F**

Relative:
Higher

Actual:
13 ft.

SWEEPS UST:
Name: METRO PARK AIRPORT PARKING
Address: 615 AIRPORT BLVD
City: BURLINGAME
Status: Active
Comp Number: 660013
Number: 1
Board Of Equalization: Not reported
Referral Date: 03-23-94
Action Date: 03-23-94
Created Date: 10-13-88
Owner Tank Id: 86
SWRCB Tank Id: 41-000-660013-000001
Tank Status: A
Capacity: 10000
Active Date: 03-23-94
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 1

CA FID UST:
Facility ID: 41001450
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4153488801
Mail To: Not reported
Mailing Address: 475 SANSOME ST
Mailing Address 2: Not reported
Mailing City,St,Zip: BURLINGAME 94010
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

G31 **AVTEK SYST INC** **RCRA-SQG** **1000203205**
SE **398 BEACH RD** **FINDS** **CAD009442948**
1/8-1/4 **BURLINGAME, CA 94010** **ECHO**
0.185 mi.
977 ft. **Site 1 of 9 in cluster G**

Relative:
Higher

Actual:
11 ft.

RCRA Listings:

Date Form Received by Agency:	19960901
Handler Name:	Avtek Syst Inc
Handler Address:	398 BEACH RD
Handler City,State,Zip:	BURLINGAME, CA 94010
EPA ID:	CAD009442948
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Ca
State District:	2
Mailing Address:	398 BEACH ROAD
Mailing City,State,Zip:	BURLINGAME, CA 94010
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not Required
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

AVTEK SYST INC (Continued) **1000203205**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: NOT REQUIRED	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: MARATHON ELECTRIC MANUFACTURING CORP	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19960901
Handler Name: AVTEK SYST INC	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Ca
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

AVTEK SYST INC (Continued) **1000203205**

Receive Date:	19800818
Handler Name: AVTEK SYST INC	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Ca
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002636504

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000203205
Registry ID:	110002636504
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002636504
Name:	AVTEK SYST INC
Address:	398 BEACH RD
City,State,Zip:	BURLINGAME, CA 94010

G32 **CROWN COMPUTER RECYCLING INC** **RCRA NonGen / NLR** **1010314016**
SE **384 BEACH RD** **CAR000181057**
1/8-1/4 **BURLINGAME, CA 94010**
0.185 mi.
979 ft. **Site 2 of 9 in cluster G**

Relative: **Higher**

Actual: **11 ft.**

RCRA Listings:

Date Form Received by Agency:	20070123
Handler Name:	Crown Computer Recycling Inc
Handler Address:	384 BEACH RD
Handler City,State,Zip:	BURLINGAME, CA 94010
EPA ID:	CAR000181057
Contact Name:	JOCELYN RUSHAKOFF
Contact Address:	384 BEACH RD
Contact City,State,Zip:	BURLINGAME, CA 94010
Contact Telephone:	650-343-6300
Contact Fax:	Not reported
Contact Email:	JOCELYN2945@SBCGLOBAL.NET
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	384 BEACH RD
Mailing City,State,Zip:	BURLINGAME, CA 94010
Owner Name:	Jocelyn Rushakoff
Owner Type:	Private
Operator Name:	Crown Computer Recycling Inc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

CROWN COMPUTER RECYCLING INC (Continued) **1010314016**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20070307
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CROWN COMPUTER RECYCLING INC
Legal Status:	Private
Date Became Current:	20070101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOCELYN RUSHAKOFF
Legal Status:	Private
Date Became Current:	20070101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20070123
Handler Name:	CROWN COMPUTER RECYCLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

CROWN COMPUTER RECYCLING INC (Continued) **1010314016**

List of NAICS Codes and Descriptions:
NAICS Code: 562119
NAICS Description: OTHER WASTE COLLECTION

Has the Facility Received Notices of Violations:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20080416
Actual Return to Compliance Date: 20080507
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20080416
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20080416
Actual Return to Compliance Date: 20080507
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 500
Date of Enforcement Action: 20080416
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

CROWN COMPUTER RECYCLING INC (Continued) **1010314016**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	20080416
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20080507
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20080416
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20080507
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

G33 **AIR CONDITIONING CO INC** **RCRA-SQG** **1000108603**
SE **360 BEACH RD** **FINDS** **CAD074677048**
1/8-1/4 **BURLINGAME, CA 94010** **ECHO**
0.197 mi.
1040 ft. **Site 3 of 9 in cluster G**

Relative: **Higher**
Actual: **11 ft.**

RCRA Listings:

Date Form Received by Agency:	19960901
Handler Name:	Air Conditioning Co Inc
Handler Address:	360 BEACH RD
Handler City,State,Zip:	BURLINGAME, CA 94010
EPA ID:	CAD074677048
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Ca
State District:	2
Mailing Address:	6265 SAN FERNANDO ROAD
Mailing City,State,Zip:	GLENDALE, CA 91201
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not Required
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

AIR CONDITIONING CO INC (Continued) **1000108603**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020917
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: NOT REQUIRED	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: AIR CONDITIONING COMPANY INC	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19960901
Handler Name: AIR CONDITIONING CO INC	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Ca
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

AIR CONDITIONING CO INC (Continued) **1000108603**

Receive Date: 19801119
Handler Name: AIR CONDITIONING CO INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Ca
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Has the Facility Received Notices of Violations:
Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 19860214
Actual Return to Compliance Date: 19910214
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19870313
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9EPA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

AIR CONDITIONING CO INC (Continued) **1000108603**

Evaluation Action Summary:

Evaluation Date:	19860214
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910214
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110002657688

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000108603
Registry ID:	110002657688
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002657688
Name:	AIR CONDITIONING CO INC
Address:	360 BEACH RD
City,State,Zip:	BURLINGAME, CA 94010

H34 **FACEBOOK TECHNOLOGIES LLC** **RCRA NonGen / NLR** **1026827900**
East **311 AIRPORT BLVD** **CAL000462877**
1/8-1/4 **BURLINGAME, CA 94010**
0.202 mi.
1069 ft. **Site 1 of 2 in cluster H**

Relative: **Lower**
Actual: **7 ft.**

RCRA Listings:

Date Form Received by Agency:	20210527
Handler Name:	Facebook Technologies Llc
Handler Address:	311 AIRPORT BLVD
Handler City,State,Zip:	BURLINGAME, CA 94010
EPA ID:	CAL000462877
Contact Name:	MOLLY PRITZ
Contact Address:	1 HACKER WAY
Contact City,State,Zip:	MENLO PARK, CA 94025
Contact Telephone:	650-796-5990
Contact Fax:	Not reported
Contact Email:	MPRITZ@FB.COM
Contact Title:	Not reported

FACEBOOK TECHNOLOGIES LLC (Continued) **1026827900**

EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1 HACKER WAY
Mailing City,State,Zip:	MENLO PARK, CA 94025
Owner Name:	Facebook Technologies Llc
Owner Type:	Other
Operator Name:	Molly Pritz
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210601
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

FACEBOOK TECHNOLOGIES LLC (Continued) **1026827900**

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: MOLLY PRITZ
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1 HACKER WAY
Owner/Operator City,State,Zip: MENLO PARK, CA 94025
Owner/Operator Telephone: 650-796-5990
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: FACEBOOK TECHNOLOGIES LLC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1601 WILLOW RD
Owner/Operator City,State,Zip: MENLO PARK, CA 94025
Owner/Operator Telephone: 650-543-4800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20210527
Handler Name: FACEBOOK TECHNOLOGIES LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 541715
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H35 **META PLATFORMS TECHNOLOGIES, LLC** **CERS HAZ WASTE** **S127596017**
East **311 AIRPORT BLVD** **CERS TANKS** **N/A**
1/8-1/4 **BURLINGAME, CA 94010** **CERS**
0.202 mi.
1069 ft. **Site 2 of 2 in cluster H**

Relative:
Lower

Actual:
7 ft.

CERS HAZ WASTE:
Name: META PLATFORMS TECHNOLOGIES, LLC
Address: 311 AIRPORT BLVD
City,State,Zip: BURLINGAME, CA 94010
Site ID: 575655
CERS ID: 10872841
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: META PLATFORMS TECHNOLOGIES, LLC
Address: 311 AIRPORT BLVD
City,State,Zip: BURLINGAME, CA 94010
Site ID: 575655
CERS ID: 10872841
CERS Description: Aboveground Petroleum Storage

CERS:
Name: META PLATFORMS TECHNOLOGIES, LLC
Address: 311 AIRPORT BLVD
City,State,Zip: BURLINGAME, CA 94010
Site ID: 575655
CERS ID: 10872841
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 07-09-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: new site permit approval
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-22-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-25-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown

META PLATFORMS TECHNOLOGIES, LLC (Continued) **S127596017**

Eval Date: 11-01-2022
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-09-2022
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: name change processing for multiple facilities from Facebook to Meta.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-29-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: follow up on inspection reports to Mollie.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-03-2022
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-09-2022
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-28-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: new facility consult and discussion on sitewide permits and structure of permits
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-22-2021
Violations Found: No

META PLATFORMS TECHNOLOGIES, LLC (Continued) **S127596017**

Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-22-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-23-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: approved
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1 Hacker Way Attn: Laura Sicking
Affiliation City: Menlo Park
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94025
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Meta Platforms, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (650) 739-5055,

Affiliation Type Desc: Parent Corporation
Entity Name: Meta Platforms, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: Kylli, Inc, Attn: Jim St Marie

META PLATFORMS TECHNOLOGIES, LLC (Continued) **S127596017**

Entity Title:	Not reported
Affiliation Address:	433 Airport Blvd
Affiliation City:	Burlingame
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94010
Affiliation Phone:	(415) 960-7270,
Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200,
Affiliation Type Desc:	Document Preparer
Entity Name:	Laura Sicking
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Meta Platforms, Inc
Entity Title:	Not reported
Affiliation Address:	1 Hacker Way Attn: Laura Sicking
Affiliation City:	Menlo Park
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94025
Affiliation Phone:	(650) 543-4800,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Laura Sicking
Entity Title:	Not reported
Affiliation Address:	1 Hacker Way Attn: Laura Sicking
Affiliation City:	Menlo Park
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94025
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Laura Sicking
Entity Title:	Regional Environmental Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

I36 **BURLINGAME THEATRE SNACK BAR** **San Mateo Co. BI** **S123179151**
SE **350 BEACH** **N/A**
1/8-1/4 **BURLINGAME, CA 94010**
0.207 mi.
1092 ft. **Site 1 of 12 in cluster I**

Relative:
Higher

Actual:
9 ft.

San Mateo Co. BI:

Name:	BURLINGAME THEATRE SNACK BAR
Address:	350 BEACH
City,State,Zip:	BURLINGAME, CA 94010
Region:	SAN MATEO
Facility ID:	FA0000405
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0041333
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

G37 **GOLDEN GATE DRYWALL** **LUST** **S101622918**
SSE **399 BEACH** **HIST UST** **N/A**
1/8-1/4 **BURLINGAME, CA 94010** **CA FID UST**
0.213 mi. **Cortese**
1124 ft. **Site 4 of 9 in cluster G**

Relative:
Higher

Actual:
12 ft.

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	660069
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

HIST UST:

Name:	GOLDEN GATE DRYWALL
Address:	399 BEACH ROAD
City,State,Zip:	BURLINGAME, CA 94010
File Number:	0002bef0
URL:	https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002bef0.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported

GOLDEN GATE DRYWALL (Continued) **S101622918**

Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 41002283
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4153487033
Mail To: Not reported
Mailing Address: 399 BEACH RD
Mailing Address 2: Not reported
Mailing City,St,Zip: BURLINGAME 94011
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CORTESE:
Name: GOLDEN GATE DRYWALL
Address: 399 BEACH
City,State,Zip: BURLINGAME, CA 94010
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100992
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

G38 **GOLDEN GATE DRYWALL** **LUST** **S104161688**
SSE **399 BEACH** **HIST CORTESE** **N/A**
1/8-1/4 **BURLINGAME, CA 94010**
0.213 mi.
1124 ft. **Site 5 of 9 in cluster G**

Relative:
Higher

Actual:
12 ft.

SAN MATEO CO. LUST:

Name:	GOLDEN GATE DRYWALL
Address:	399 BEACH RD
City,State,Zip:	BURLINGAME, CA
Region:	SAN MATEO
Facility ID:	660069
Facility Status:	9- Case Closed
Global ID:	T0608100992
APN Number:	026331480
Case Type:	BURLINGAME, CA
EDR Link ID:	BURLINGAME, CA

LUST:

Name:	GOLDEN GATE DRYWALL
Address:	399 BEACH
City,State,Zip:	BURLINGAME, CA 94010
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100992
Global Id:	T0608100992
Latitude:	37.588019
Longitude:	-122.337742
Status:	Completed - Case Closed
Status Date:	10/04/2002
Case Worker:	BG
RB Case Number:	41-1081
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency Warehouse
Local Case Number:	660069
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Map Move
Cuf Case:	NO
Quantity Released Gallons:	0
Begin Date:	11/18/1993
Leak Reported Date:	11/18/1993
How Discovered:	Other Means
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Other Means
Stop Description:	Not reported
No Further Action Date:	10/04/2002
CA Water Watershed Name:	South Bay - San Mateo Bayside (204.40)
Dwr Groundwater Subbasin Name:	Westside (2-035)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	26-30%
CA Enviroscreen 4 Score:	20-25%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

GOLDEN GATE DRYWALL (Continued) **S104161688**

LUST:
Global Id: T0608100992
Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: BRIAN GWINN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 Alameda de las Pulgas, Suite 100
City: SAN MATEO
Email: bgwinn@smcgov.org
Phone Number: 6502724590

Global Id: T0608100992
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608100992
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608100992
Action Type: ENFORCEMENT
Date: 11/01/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0608100992
Action Type: ENFORCEMENT
Date: 03/03/1994
Action: Notice of Responsibility - #1

Global Id: T0608100992
Action Type: RESPONSE
Date: 09/24/2002
Action: Other Report / Document

Global Id: T0608100992
Action Type: Other
Date: 11/18/1993
Action: Leak Reported

LUST:
Global Id: T0608100992
Status: Open - Case Begin Date
Status Date: 11/18/1993

Global Id: T0608100992
Status: Completed - Case Closed

GOLDEN GATE DRYWALL (Continued) **S104161688**

Status Date: 10/04/2002

HIST CORTESE:
edr_fname: GOLDEN GATE DRYWALL
edr_fadd1: 399 BEACH
City,State,Zip: BURLINGAME, CA
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-1081

G39 **NEXTEL-SITE ID CA-2284** **San Mateo Co. BI** **S113757708**
SSE **399 BEACH** **N/A**
1/8-1/4 **BURLINGAME, CA 94010**
0.213 mi.
1124 ft. **Site 6 of 9 in cluster G**

Relative: **Higher**
Actual: **12 ft.**

San Mateo Co. BI:
Name: NEXTEL-SITE ID CA-2284
Address: 399 BEACH
City,State,Zip: BURLINGAME, CA 94010
Region: SAN MATEO
Facility ID: FA0027318
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0043213
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: NEXTEL-SITE ID CA-2284
Address: 399 BEACH
City,State,Zip: BURLINGAME, CA 94010
Region: SAN MATEO
Facility ID: FA0027318
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0043212
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

G40 **GOLDEN GATE DRYWALL** **RCRA NonGen / NLR** **1025865562**
SSE **399 BEACH RD** **CAL000001465**
1/8-1/4 **BURLINGAME, CA 94010**
0.213 mi.
1124 ft. **Site 7 of 9 in cluster G**

Relative: **Higher**
Actual: **12 ft.**

RCRA Listings:
Date Form Received by Agency: 19891114
Handler Name: Golden Gate Drywall
Handler Address: 399 BEACH RD
Handler City,State,Zip: BURLINGAME, CA 94010-0000
EPA ID: CAL000001465
Contact Name: DEE THOMPSON
Contact Address: 399 BEACH RD
Contact City,State,Zip: BURLINGAME, CA 94010-0000

GOLDEN GATE DRYWALL (Continued) **1025865562**

Contact Telephone:	650-787-8106
Contact Fax:	650-375-1028
Contact Email:	DTHOMPSON@GGDW.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	399 BEACH RD
Mailing City,State,Zip:	BURLINGAME, CA 94010-0000
Owner Name:	Golden Gate Drywall
Owner Type:	Other
Operator Name:	Dee Thompson
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190927
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No

GOLDEN GATE DRYWALL (Continued) **1025865562**

Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: DEE THOMPSON
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 399 BEACH RD
Owner/Operator City,State,Zip: BURLINGAME, CA 94010-0000
Owner/Operator Telephone: 650-787-8106
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GOLDEN GATE DRYWALL
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 399 BEACH RD
Owner/Operator City,State,Zip: BURLINGAME, CA 94010-0000
Owner/Operator Telephone: 650-787-8106
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19891114
Handler Name: GOLDEN GATE DRYWALL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: Not reported
Recognized Trader Exporter: Not reported
Spent Lead Acid Battery Importer: Not reported
Spent Lead Acid Battery Exporter: Not reported
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

G41 **GOLDEN GATE DRYWALL** **San Mateo Co. BI** **S113755622**
SSE **399 BEACH** **CERS** **N/A**
1/8-1/4 **BURLINGAME, CA 94010**
0.213 mi.
1124 ft. **Site 8 of 9 in cluster G**

Relative:
Higher

Actual:
12 ft.

San Mateo Co. BI:

Name:	GOLDEN GATE DRYWALL
Address:	399 BEACH
City,State,Zip:	BURLINGAME, CA 94010
Region:	SAN MATEO
Facility ID:	FA0011110
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0025604
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

CERS:

Name:	GOLDEN GATE DRYWALL
Address:	399 BEACH
City,State,Zip:	BURLINGAME, CA 94010
Site ID:	657946
CERS ID:	T0608100992
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	BRIAN GWINN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6502724590,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	UUU - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

G42 **GOLDEN GATE DRYWALL** **SWEEPS UST** **U001593916**
SSE **399 BEACH RD** **HIST UST** **N/A**
1/8-1/4 **BURLINGAME, CA 94011** **HWTS**
0.213 mi.
1124 ft. **Site 9 of 9 in cluster G**

Relative:
Higher

Actual:
12 ft.

SWEEPS UST:

Name:	GOLDEN GATE DRYWALL
Address:	399 BEACH RD
City:	BURLINGAME
Status:	Not reported
Comp Number:	660092
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-660092-000001
Tank Status:	Not reported
Capacity:	2000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	PRM UNLEADED
Number Of Tanks:	1

HIST UST:

Name:	GOLDEN GATE DRYWALL
Address:	399 BEACH RD
City,State,Zip:	BURLINGAME, CA 94010
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000036043
Facility Type:	Other
Other Type:	DRYWALL CONSTRUCTION
Contact Name:	JACK STRINGER
Telephone:	4153487033
Owner Name:	GOLDEN GATE DRYWALL
Owner Address:	399 BEACH ROAD
Owner City,St,Zip:	BURLINGAME, CA 94010
Total Tanks:	0001
Tank Num:	001
Container Num:	ONE
Year Installed:	1982
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

HWTS:

Name:	GOLDEN GATE DRYWALL
Address:	399 BEACH RD
Address 2:	Not reported
City,State,Zip:	BURLINGAME, CA 94010

GOLDEN GATE DRYWALL (Continued) **U001593916**

EPA ID:	CAL000001465
Inactive Date:	06/30/2020
Create Date:	11/14/1989
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	399 BEACH RD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BURLINGAME, CA 940100000
Owner Name:	GOLDEN GATE DRYWALL
Owner Address:	399 BEACH RD
Owner Address 2:	Not reported
Owner City,State,Zip:	BURLINGAME, CA 940100000
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	DEE THOMPSON
Contact Address:	399 BEACH RD
Contact Address 2:	Not reported
City,State,Zip:	BURLINGAME, CA 940100000
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	37.588367
Longitude:	-122.336328

NAICS:

EPA ID:	CAL000001465
Create Date:	2002-06-19 14:42:00.450
NAICS Code:	23321
NAICS Description:	Single Family Housing Construction
Issued EPA ID Date:	1989-11-14 00:00:00
Inactive Date:	2020-06-30 00:00:00
Facility Name:	GOLDEN GATE DRYWALL
Facility Address:	399 BEACH RD
Facility Address 2:	Not reported
Facility City:	BURLINGAME
Facility County:	Not reported
Facility State:	CA
Facility Zip:	940100000

I43 **PHOENIX PHARMACEUTICALS, INC.** **PFAS ECHO** **1027405670**
SE **N/A**
1/8-1/4 **BURLINGAME, CA**
0.222 mi.
1174 ft. **Site 2 of 12 in cluster I**

Relative:
Higher

Actual:
9 ft.

PFAS ECHO:

Name:	PHOENIX PHARMACEUTICALS, INC.
Address:	Not reported
City,State,Zip:	BURLINGAME, CA
Latitude:	37.58862
Longitude:	-122.33577
Count:	1
County:	SAN MATEO
Status:	Active
Region:	09

PHOENIX PHARMACEUTICALS, INC. (Continued) **1027405670**

Industry:	Chemical Mfg
ECHO Facility Report:	https://echo.epa.gov/detailed-facility-report?fid=110065683790
Facility Percent Minority:	49.407
Facility Derived Tribes:	-
Facility Population:	5903.12
EPA Programs:	RCRA
Federal Facility:	No
Federal Agency:	-
Facility FIPS Code:	06081
Facility Indian Country Flag:	N
Facility Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Facility Derived HUC:	18050004
Facility Derived WBD:	180500041001
Facility Derived CD113:	14
Facility Derived CB2010:	060816054005006
Facility Major Flag:	-
Facility Active Flag:	Y
Facility Inspection Count:	0
Facility Date Last Inspection:	-
Facility Days Last Inspection:	-
Facility Informal Count:	0
Facility Date Last Informal Action:	-
Facility Formal Action Count:	0
Facility Date Last Formal Action:	-
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	-
Facility Last Penalty AMT:	-
Facility QTRS With NC:	0
Facility Programs With SNC:	0
Facility Compliance Status:	No Violation Identified
Facility SNC Flag:	N
AIR Flag:	N
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	Y
TRI Flag:	N
GHG Flag:	N
AIR IDS:	-
CAA Permit Types:	-
CAA NAICS:	-
CAA SICS:	-
NPDES IDS:	-
CWA Permit Types:	-
CWA NAICS:	-
CWA SICS:	-
RCRA IDS:	CAL000319287 CAR000305615
RCRA Permit Types:	Other, SQG
RCRA NAICS:	325413 325199
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	-
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-

PHOENIX PHARMACEUTICALS, INC. (Continued) **1027405670**

TRI Reporter:	-
Facility IMP Water Flag:	-
EJSCREEN Flag US:	Y
EJSCREEN Report:	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.33577,%22y%22:37.58862,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1

I44 **SWEEPS UST** **S106922194**
SE **371 BEACH RD** **N/A**
1/8-1/4 **BURLINGAME, CA 94010**
0.226 mi.
1191 ft. **Site 3 of 12 in cluster I**

Relative: **Higher**
Actual: **9 ft.**

SWEEPS UST:

Name:	Not reported
Address:	371 BEACH RD
City:	BURLINGAME
Status:	Not reported
Comp Number:	660093
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	0

I45 **RESIDENCE** **San Mateo Co. BI** **S113755628**
SE **371 BEACH** **N/A**
1/8-1/4 **BURLINGAME, CA 94010**
0.226 mi.
1191 ft. **Site 4 of 12 in cluster I**

Relative: **Higher**
Actual: **9 ft.**

San Mateo Co. BI:

Name:	RESIDENCE
Address:	371 BEACH
City,State,Zip:	BURLINGAME, CA 94010
Region:	SAN MATEO
Facility ID:	FA0011151
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0022804
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

I46 **PHOENIX PHARMACEUTICALS INC** **San Mateo Co. BI** **S113758322**
SE **330 BEACH** **N/A**
1/8-1/4 **BURLINGAME, CA 94010**
0.227 mi.
1198 ft. **Site 5 of 12 in cluster I**

Relative: **Higher**

Actual: **9 ft.**

San Mateo Co. BI:

Name:	PHOENIX PHARMACEUTICALS INC
Address:	330 BEACH
City,State,Zip:	BURLINGAME, CA 94010
Region:	SAN MATEO
Facility ID:	FA0034787
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0052765
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Name:	PHOENIX PHARMACEUTICALS INC
Address:	330 BEACH
City,State,Zip:	BURLINGAME, CA 94010
Region:	SAN MATEO
Facility ID:	FA0034787
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0052764
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	PHOENIX PHARMACEUTICALS INC
Address:	330 BEACH
City,State,Zip:	BURLINGAME, CA 94010
Region:	SAN MATEO
Facility ID:	FA0034787
Prog Element Code:	STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id:	PR0052763
Description:	STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	PHOENIX PHARMACEUTICALS INC
Address:	330 BEACH
City,State,Zip:	BURLINGAME, CA 94010
Region:	SAN MATEO
Facility ID:	FA0034800
Prog Element Code:	SML QUANTITY GENERATOR(1-199lbs/Mo) OFF-SITE
Record Id:	PR0052805
Description:	SQG OFF-SITE TREATMENT (1-199 LB/MO)
Facility Status:	Active, billable
Program Category:	MEDICAL WASTE

I47
SE
1/8-1/4
0.227 mi.
1198 ft.

COVALENT INDUSTRIAL TECHNOLOGIES, LLC
330 BEACH ROAD
BURLINGAME, CA 94010

Site 6 of 12 in cluster I

RCRA-SQG | **1010313180** / **CAL000209152**

Relative:
Higher

Actual:
9 ft.

RCRA Listings:

Date Form Received by Agency:	20060427
Handler Name:	Covalent Industrial Technologies, Llc
Handler Address:	330 BEACH ROAD
Handler City,State,Zip:	BURLINGAME, CA 94010
EPA ID:	CAL000209152
Contact Name:	MARTIN EDELSTEIN
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	650-227-7722
Contact Fax:	Not reported
Contact Email:	MARTIN@COVALENT.TO
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	330 BEACH ROAD
Mailing City,State,Zip:	BURLINGAME, CA 94010
Owner Name:	Covalent Industrial Technologies, Llc
Owner Type:	Private
Operator Name:	Covalent Industrial Technologies, Llc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

COVALENT INDUSTRIAL TECHNOLOGIES, LLC (Continued) **1010313180**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20070305
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2005

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: D002
Waste Description: Corrosive Waste

Waste Code: F002
Waste Description: The Following Spent Halogenated Solvents: Tetrachloroethylene, Methylene Chloride, Trichloroethylene, 1,1,1-Trichloroethane, Chlorobenzene, 1,1,2-Trichloro-1,2,2-Trifluoroethane, Ortho-Dichlorobenzene, Trichlorofluoromethane, And 1,1,2, Trichloroethane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F001, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F003
Waste Description: The Following Spent Nonhalogenated Solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, N-Butyl Alcohol, Cyclohexanone, And Methanol; All Spent Solvent Mixtures/Blends Containing, Before Use, Only The Above Spent Nonhalogenated Solvents; And All Spent Solvent Mixtures/Blends Containing, Before Use, One Or More Of The Above Nonhalogenated Solvents, And A Total Of Ten Percent Or More (By Volume) Of One Or More Of Those Solvents Listed In F001, F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: U002
Waste Description: 2-Propanone (I) (Or) Acetone (I)

Waste Code: U003
Waste Description: Acetonitrile (I,T)

COVALENT INDUSTRIAL TECHNOLOGIES, LLC (Continued) **1010313180**

Waste Code: U080
Waste Description: Methane, Dichloro- (Or) Methylene Chloride

Waste Code: U112
Waste Description: Acetic Acid, Ethyl Ester (I) (Or) Ethyl Acetate (I)

Waste Code: U117
Waste Description: Ethane, 1,1'-Oxybis-(I) (Or) Ethyl Ether (I)

Waste Code: U122
Waste Description: Formaldehyde

Waste Code: U123
Waste Description: Formic Acid (C,T)

Waste Code: U154
Waste Description: Methanol (I) (Or) Methyl Alcohol (I)

Waste Code: U213
Waste Description: Furan, Tetrahydro-(I) (Or) Tetrahydrofuran (I)

Waste Code: U220
Waste Description: Benzene, Methyl- (Or) Toluene

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: COVALENT INDUSTRIAL TECHNOLOGIES, LLC
Legal Status: Private
Date Became Current: 20000101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: COVALENT INDUSTRIAL TECHNOLOGIES, LLC
Legal Status: Private
Date Became Current: 20000101
Date Ended Current: Not reported
Owner/Operator Address: 330 BEACH ROAD
Owner/Operator City,State,Zip: BURLINGAME, CA 94010
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: COVALENT INDUSTRIAL TECHNOLOGIES, LLC
Legal Status: Private
Date Became Current: 20000101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported

COVALENT INDUSTRIAL TECHNOLOGIES, LLC (Continued) **1010313180**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: COVALENT INDUSTRIAL TECHNOLOGIES, LLC
Legal Status: Private
Date Became Current: 20000101
Date Ended Current: Not reported
Owner/Operator Address: 330 BEACH ROAD
Owner/Operator City,State,Zip: BURLINGAME, CA 94010
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060427
Handler Name: COVALENT INDUSTRIAL TECHNOLOGIES, LLC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060427
Handler Name: COVALENT INDUSTRIAL TECHNOLOGIES, LLC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 54171
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

I48 **PHOENIX PHARMACEUTICALS, INC.** **RCRA-SQG** **1026057866**
SE **330 BEACH ROAD** **CAR000305615**
1/8-1/4 **BURLINGAME, CA 94010**
0.227 mi.
1198 ft. **Site 7 of 12 in cluster I**

Relative: **Higher**
Actual: **9 ft.**

RCRA Listings:

Date Form Received by Agency:	20200228
Handler Name:	Phoenix Pharmaceuticals, Inc.
Handler Address:	330 BEACH ROAD
Handler City,State,Zip:	BURLINGAME, CA 94010
EPA ID:	CAR000305615
Contact Name:	ENG TAU
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	650-558-8898
Contact Fax:	650-558-1686
Contact Email:	ACCOUNTING@PHOENIXPEPTIDE.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	330 BEACH ROAD
Mailing City,State,Zip:	BURLINGAME, CA 94010
Owner Name:	Phoenix Pharmaceuticals, Inc.
Owner Type:	Private
Operator Name:	Phoenix Pharmaceuticals, Inc.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

PHOENIX PHARMACEUTICALS, INC. (Continued) **1026057866**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200228
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste

Waste Code:	F002
Waste Description:	The Following Spent Halogenated Solvents: Tetrachloroethylene, Methylene Chloride, Trichloroethylene, 1,1,1-Trichloroethane, Chlorobenzene, 1,1,2-Trichloro-1,2,2-Trifluoroethane, Ortho-Dichlorobenzene, Trichlorofluoromethane, And 1,1,2, Trichloroethane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F001, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: PHOENIX PHARMACEUTICALS, INC.	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	330 BEACH ROAD
Owner/Operator City,State,Zip:	BURLINGAME, CA 94010
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: PHOENIX PHARMACEUTICALS, INC.	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	330 BEACH ROAD
Owner/Operator City,State,Zip:	BURLINGAME, CA 94010
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PHOENIX PHARMACEUTICALS, INC. (Continued) **1026057866**

Historic Generators:
Receive Date: 20200228
Handler Name: PHOENIX PHARMACEUTICALS, INC.
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 325199
NAICS Description: ALL OTHER BASIC ORGANIC CHEMICAL MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

I49 **PHOENIX PHARMACEUTICALS INC** **RCRA NonGen / NLR** **1024816819**
SE **330 BEACH RD** **CAL000319287**
1/8-1/4 **BURLINGAME, CA 94010**
0.227 mi.
1198 ft. **Site 8 of 12 in cluster I**

Relative:
Higher

Actual:
9 ft.

RCRA Listings:
Date Form Received by Agency: 20200406
Handler Name: Phoenix Pharmaceuticals Inc
Handler Address: BEACH RD
Handler City,State,Zip: BURLINGAME, CA 94010-2004
EPA ID: CAL000319287
Contact Name: CARLOS CARRANZA
Contact Address: BEACH RD
Contact City,State,Zip: BURLINGAME, CA 94010-2004
Contact Telephone: 650-558-8898
Contact Fax: 650-558-1686
Contact Email: CARRANZA@PHOENIXPEPTIDE.COM
Contact Title: CUSTOMER SERVICE
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: BEACH RD
Mailing City,State,Zip: BURLINGAME, CA 94010-2004
Owner Name: Not reported

PHOENIX PHARMACEUTICALS INC (Continued) **1024816819**

Owner Type:	Not reported
Operator Name:	Phoenix Pharmaceuticals Inc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200408
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2019

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: F002
Waste Description: The Following Spent Halogenated Solvents: Tetrachloroethylene, Methylene Chloride, Trichloroethylene, 1,1,1-Trichloroethane,

PHOENIX PHARMACEUTICALS INC (Continued) **1024816819**

Chlorobenzene, 1,1,2-Trichloro-1,2,2-Trifluoroethane, Ortho-Dichlorobenzene, Trichlorofluoromethane, And 1,1,2, Trichloroethane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F001, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: PHOENIX PHARMACEUTICALS INC	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	330 BEACH RD
Owner/Operator City,State,Zip:	BURLINGAME, CA 94010-2004
Owner/Operator Telephone:	650-558-8898
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	650-558-1686
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: PHOENIX PHARMACEUTICALS INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	330 BEACH RD
Owner/Operator City,State,Zip:	BURLINGAME, CA 94010-2004
Owner/Operator Telephone:	650-558-8898
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: ENG TAU	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	330 BEACH RD
Owner/Operator City,State,Zip:	BURLINGAME, CA 94010
Owner/Operator Telephone:	650-558-8898
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: ENG TAU	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	330 BEACH RD
Owner/Operator City,State,Zip:	BURLINGAME, CA 94010
Owner/Operator Telephone:	650-558-8898
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PHOENIX PHARMACEUTICALS INC (Continued) **1024816819**

Owner/Operator Indicator: Owner
Owner/Operator Name: PHOENIX PHARMACEUTICALS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 330 BEACH RD
Owner/Operator City,State,Zip: BURLINGAME, CA 94010-2004
Owner/Operator Telephone: 650-558-8898
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20200228
Handler Name: PHOENIX PHARMACEUTICALS INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20200406
Handler Name: PHOENIX PHARMACEUTICALS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20070504
Handler Name: PHOENIX PHARMACEUTICALS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325199
NAICS Description: ALL OTHER BASIC ORGANIC CHEMICAL MANUFACTURING

PHOENIX PHARMACEUTICALS INC (Continued) **1024816819**

NAICS Code: 325413
NAICS Description: IN-VITRO DIAGNOSTIC SUBSTANCE MANUFACTURING

NAICS Code: 54172
NAICS Description: RESEARCH AND DEVELOPMENT IN THE SOCIAL SCIENCES AND HUMANITIES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

I50 **COVALENT INDUSTRIAL TECH** **San Mateo Co. BI** **S113757458**
SE **330 BEACH** **N/A**
1/8-1/4 **BURLINGAME, CA 94010**
0.227 mi.
1198 ft. **Site 9 of 12 in cluster I**

Relative: **Higher**
Actual: **9 ft.**

San Mateo Co. BI:
Name: COVALENT INDUSTRIAL TECH
Address: 330 BEACH
City,State,Zip: BURLINGAME, CA 94010
Region: SAN MATEO
Facility ID: FA0026163
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0037739
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: COVALENT INDUSTRIAL TECH
Address: 330 BEACH
City,State,Zip: BURLINGAME, CA 94010
Region: SAN MATEO
Facility ID: FA0026163
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0037740
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: COVALENT INDUSTRIAL TECH
Address: 330 BEACH
City,State,Zip: BURLINGAME, CA 94010
Region: SAN MATEO
Facility ID: FA0026163
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0040273
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

I51 **PHOENIX PHARMACEUTICALS INC** **CERS HAZ WASTE** **S113147448**
SE **330 BEACH RD** **HWTS** **N/A**
1/8-1/4 **BURLINGAME, CA 94010** **HAZNET**
0.227 mi. **CERS**
1198 ft. **Site 10 of 12 in cluster I**

Relative:
Higher

Actual:
9 ft.

CERS HAZ WASTE:

Name:	PHOENIX PHARMACEUTICALS INC
Address:	330 BEACH RD
City,State,Zip:	BURLINGAME, CA 94010
Site ID:	143714
CERS ID:	10070014
CERS Description:	Hazardous Waste Generator

HWTS:

Name:	PHOENIX PHARMACEUTICALS INC
Address:	330 BEACH RD
Address 2:	Not reported
City,State,Zip:	BURLINGAME, CA 94010
EPA ID:	CAL000319287
Inactive Date:	04/06/2020
Create Date:	05/04/2007
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	330 BEACH RD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BURLINGAME, CA 94010
Owner Name:	PHOENIX PHARMACEUTICALS INC
Owner Address:	330 BEACH RD
Owner Address 2:	Not reported
Owner City,State,Zip:	BURLINGAME, CA 94010
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	ENG TAU
Contact Address:	330 BEACH RD
Contact Address 2:	Not reported
City,State,Zip:	BURLINGAME, CA 94010
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	37.588353
Longitude:	-122.335136

NAICS:

EPA ID:	CAL000319287
Create Date:	2020-04-08 13:34:17.553
NAICS Code:	325413
NAICS Description:	In-Vitro Diagnostic Substance Manufacturing
Issued EPA ID Date:	2007-05-04 13:32:36.16000
Inactive Date:	2020-04-06 00:00:00
Facility Name:	PHOENIX PHARMACEUTICALS INC
Facility Address:	330 BEACH RD
Facility Address 2:	Not reported
Facility City:	BURLINGAME
Facility County:	Not reported
Facility State:	CA
Facility Zip:	94010

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

Name:	PHOENIX PHARMACEUTICALS INC
Address:	330 BEACH RD
Address 2:	Not reported
City,State,Zip:	BURLINGAME, CA 94010
EPA ID:	CAR000305615
Inactive Date:	Not reported
Create Date:	02/28/2020
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	330 BEACH RD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BURLINGAME, CA 940102004
Owner Name:	PHOENIX PHARMACEUTICALS INC
Owner Address:	330 BEACH RD
Owner Address 2:	Not reported
Owner City,State,Zip:	BURLINGAME, CA 940102004
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	ENG TAU
Contact Address:	330 BEACH RD
Contact Address 2:	Not reported
City,State,Zip:	BURLINGAME, CA 94010
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Active
Facility Type:	PERMANENT
Category:	FEDERAL
Latitude:	37.588353
Longitude:	-122.335136

NAICS:

EPA ID:	CAR000305615
Create Date:	2020-02-28 14:41:04.130
NAICS Code:	325199
NAICS Description:	All Other Basic Organic Chemical Manufacturing
Issued EPA ID Date:	2020-02-28 14:41:04.11300
Inactive Date:	Not reported
Facility Name:	PHOENIX PHARMACEUTICALS INC
Facility Address:	330 BEACH RD
Facility Address 2:	Not reported
Facility City:	BURLINGAME
Facility County:	Not reported
Facility State:	CA
Facility Zip:	940102004

HAZNET:

Name:	PHOENIX PHARMACEUTICALS INC
Address:	330 BEACH RD
Address 2:	Not reported
City,State,Zip:	BURLINGAME, CA 940102004
Contact:	ENG TAU
Telephone:	6505588898
Mailing Name:	Not reported
Mailing Address:	330 BEACH RD

Year: 2021

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

Gepaid: CAR000305615
TSD EPA ID: CAD059494310
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.83403

Year: 2020
Gepaid: CAR000305615
TSD EPA ID: CAD059494310
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.972

Year: 2020
Gepaid: CAR000305615
TSD EPA ID: NED981723513
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.99

Year: 2019
Gepaid: CAL000319287
TSD EPA ID: CAD059494310
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 2.07000

Year: 2018
Gepaid: CAL000319287
TSD EPA ID: CAD059494310
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 1.78200

Year: 2017
Gepaid: CAL000319287
TSD EPA ID: CAD059494310
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 1.692

Year: 2016
Gepaid: CAL000319287
TSD EPA ID: CAD059494310
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 1.35

Year: 2015
Gepaid: CAL000319287
TSD EPA ID: CAD059494310

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 2.484

Year: 2015
Gepaid: CAL000319287
TSD EPA ID: CAD008302903
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H020 - Solvents Recovery
Tons: 0.25

Year: 2014
Gepaid: CAL000319287
TSD EPA ID: CAD059494310
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 2.574

Click this hyperlink while viewing on your computer to access
11 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2021
Gen EPA ID: CAR000305615

Shipment Date: 5/13/2020
Creation Date: 6/11/2020
Receipt Date: 5/22/2020
Manifest ID: 014647707FLE
Trans EPA ID: CAD982492399
Trans Name: All Clean Hazardous Waste Removal Inc
Trans 2 EPA ID: MAD039322250
Trans 2 Name: Clean Harbors Environmental Services, Inc.
TSDF EPA ID: CAD059494310
Trans Name: Clean Harbors San Jose LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001,F002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.972
Waste Quantity: 270
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 12/10/2020
Creation Date: 1/13/2021
Receipt Date: 12/24/2020
Manifest ID: 014650389FLE

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

Trans EPA ID:	CAD982492399
Trans Name:	All Clean Hazardous Waste Removal Inc
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	Tri State Motor Transit
TSDF EPA ID:	NED981723513
Trans Name:	Clean Harbors Environmental Services, Inc.
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001,F002
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.99
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2020
Gen EPA ID:	CAR000305615
Shipment Date:	5/13/2020
Creation Date:	6/11/2020
Receipt Date:	5/22/2020
Manifest ID:	014647707FLE
Trans EPA ID:	CAD982492399
Trans Name:	All Clean Hazardous Waste Removal Inc
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	Clean Harbors Environmental Services, Inc.
TSDF EPA ID:	CAD059494310
Trans Name:	Clean Harbors San Jose LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001,F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.972
Waste Quantity:	270
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	12/10/2020
Creation Date:	1/13/2021
Receipt Date:	12/24/2020
Manifest ID:	014650389FLE
Trans EPA ID:	CAD982492399
Trans Name:	All Clean Hazardous Waste Removal Inc
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	Tri State Motor Transit

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

TSDF EPA ID:	NED981723513
Trans Name:	Clean Harbors Environmental Services, Inc.
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001,F002
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.99
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Detail Two:

Year:	2020
EM Manifest ID:	6bc015c3-bb3b-4471-a03a-48a5cbca8703
Shipment Date:	5/13/2020
Receipt Date:	5/22/2020
Manifest Number:	014647707FLE
Generator EPA ID:	CAR000305615
Name:	PHOENIX PHARMACEUTICALS INC
Address:	330 BEACH RD
Address 2:	Not reported
City:	BURLINGAME
Zip:	94010
Telephone:	800-483-3718
Contact:	Eng Tau
Contact Telephone:	650-558-8898
Transporter 1 EPA ID:	CAD982492399
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD059494310
TSDF Name:	Clean Harbors San Jose LLC
TSDF Address 1:	1021 Berryessa Road
TSDF Address 2:	Not reported
TSDF City:	San Jose
TSDF Zip:	95133
TSDF Telephone:	800-483-3718

Federal:

Year:	2020
EM Manifest ID:	6bc015c3-bb3b-4471-a03a-48a5cbca8703
Generator EPA ID:	CAR000305615
Shipment Date:	2020-05-13
Manifest Number:	014647707FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.97200
Quantity Waste:	270.000000
Quantity Unit:	G
Number of Containers:	5
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

Federal Code: D001

Year: 2020
EM Manifest ID: 6bc015c3-bb3b-4471-a03a-48a5cbca8703
Generator EPA ID: CAR000305615
Shipment Date: 2020-05-13
Manifest Number: 014647707FLE
Line Number: 1
Method Code: H141
Quantity Tons: 0.97200
Quantity Waste: 270.000000
Quantity Unit: G
Number of Containers: 5
Type of Container: Metal drums, barrels, kegs
Quantity Type: Gallons
Federal Code: F002

State:
Year: 2020
EM Manifest ID: 6bc015c3-bb3b-4471-a03a-48a5cbca8703
Generator EPA ID: CAR000305615
Shipment Date: 2020-05-13
Manifest Number: 014647707FLE
Line Number: 1
Method Code: H141
Quantity Tons: 0.97200
Quantity Waste: 270.000000
Quantity Unit: G
Number of Containers: 5
Type of Container: Metal drums, barrels, kegs
Quantity Type: Gallons
State Code: 214

Detail Two:
Year: 2019
EM Manifest ID: 564432
Shipment Date: 5/23/2019
Receipt Date: 6/3/2019
Manifest Number: 019415328JJK
Generator EPA ID: CAL000319287
Name: PHOENIX PHARMACEUTICALS INC
Address: 330 BEACH RD
Address 2: Not reported
City: BURLINGAME
Zip: 94010
Telephone: 800-483-3718
Contact: ENG TAU
Contact Telephone: 650-558-8898
Transporter 1 EPA ID: CAD982492399
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: CAD059494310
TSDF Name: Clean Harbors San Jose LLC
TSDF Address 1: 1021 Berryessa Road

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

TSDF Address 2: Not reported
TSDF City: San Jose
TSDF Zip: 95133
TSDF Telephone: 800-483-3718

Federal:
Year: 2019
EM Manifest ID: 564432
Generator EPA ID: CAL000319287
Shipment Date: 2019-05-23
Manifest Number: 019415328JJK
Line Number: 1
Method Code: H141
Quantity Tons: 1.08000
Quantity Waste: 300.000000
Quantity Unit: G
Number of Containers: 6
Type of Container: Metal drums, barrels, kegs
Quantity Type: Gallons
Federal Code: D001

Year: 2019
EM Manifest ID: 564432
Generator EPA ID: CAL000319287
Shipment Date: 2019-05-23
Manifest Number: 019415328JJK
Line Number: 1
Method Code: H141
Quantity Tons: 1.08000
Quantity Waste: 300.000000
Quantity Unit: G
Number of Containers: 6
Type of Container: Metal drums, barrels, kegs
Quantity Type: Gallons
Federal Code: F002

State:
Year: 2019
EM Manifest ID: 564432
Generator EPA ID: CAL000319287
Shipment Date: 2019-05-23
Manifest Number: 019415328JJK
Line Number: 1
Method Code: H141
Quantity Tons: 1.08000
Quantity Waste: 300.000000
Quantity Unit: G
Number of Containers: 6
Type of Container: Metal drums, barrels, kegs
Quantity Type: Gallons
State Code: 214

Year: 2019
EM Manifest ID: 476ba5e0-75c3-46f8-8d3a-c661cd4bd6c4
Shipment Date: 2/22/2019
Receipt Date: 3/28/2019

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

Manifest Number:	006980652SKS
Generator EPA ID:	CAL000319287
Name:	PHOENIX PHARMACEUTICALS
Address:	330 BEACH RD
Address 2:	Not reported
City:	BURLINGAME
Zip:	94010
Telephone:	800-483-3718
Contact:	Siony Largo
Contact Telephone:	650-558-8898
Transporter 1 EPA ID:	TXR000081205
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD044429835
TSDF Name:	Clean Harbors Wilmington LLC
TSDF Address 1:	1737 East Denni Street
TSDF Address 2:	Not reported
TSDF City:	Wilmington
TSDF Zip:	90744
TSDF Telephone:	800-483-3718

State:

Year:	2019
EM Manifest ID:	476ba5e0-75c3-46f8-8d3a-c661cd4bd6c4
Generator EPA ID:	CAL000319287
Shipment Date:	2019-02-22
Manifest Number:	006980652SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.15000
Quantity Waste:	300.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	221

Year:	2019
EM Manifest ID:	242481
Shipment Date:	12/21/2018
Receipt Date:	12/28/2018
Manifest Number:	019594944JJK
Generator EPA ID:	CAL000319287
Name:	PHOENIX PHARMACEUTICALS INC
Address:	330 BEACH RD
Address 2:	Not reported
City:	BURLINGAME
Zip:	94010
Telephone:	800-483-3718
Contact:	ENG TAU
Contact Telephone:	650-558-8898
Transporter 1 EPA ID:	CAD982492399
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD059494310

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

TSDF Name: Clean Harbors San Jose LLC
TSDF Address 1: 1021 Berryessa Road
TSDF Address 2: Not reported
TSDF City: San Jose
TSDF Zip: 95133
TSDF Telephone: 800-483-3718

Federal:
Year: 2019
EM Manifest ID: 242481
Generator EPA ID: CAL000319287
Shipment Date: 2018-12-21
Manifest Number: 019594944JJK
Line Number: 1
Method Code: H141
Quantity Tons: 0.99000
Quantity Waste: 275.000000
Quantity Unit: G
Number of Containers: 5
Type of Container: Metal drums, barrels, kegs
Quantity Type: Gallons
Federal Code: D001

Year: 2019
EM Manifest ID: 242481
Generator EPA ID: CAL000319287
Shipment Date: 2018-12-21
Manifest Number: 019594944JJK
Line Number: 1
Method Code: H141
Quantity Tons: 0.99000
Quantity Waste: 275.000000
Quantity Unit: G
Number of Containers: 5
Type of Container: Metal drums, barrels, kegs
Quantity Type: Gallons
Federal Code: F002

State:
Year: 2019
EM Manifest ID: 242481
Generator EPA ID: CAL000319287
Shipment Date: 2018-12-21
Manifest Number: 019594944JJK
Line Number: 1
Method Code: H141
Quantity Tons: 0.99000
Quantity Waste: 275.000000
Quantity Unit: G
Number of Containers: 5
Type of Container: Metal drums, barrels, kegs
Quantity Type: Gallons
State Code: 214

Detail Two:
Year: 2018

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

EM Manifest ID:	72279
Shipment Date:	7/10/2018
Receipt Date:	7/24/2018
Manifest Number:	017369965JJK
Generator EPA ID:	CAL000319287
Name:	PHOENIX PHARMACEUTICALS INC
Address:	330 BEACH RD
Address 2:	Not reported
City:	BURLINGAME
Zip:	94010
Telephone:	800-483-3718
Contact:	ENG TAU
Contact Telephone:	650-558-8898
Transporter 1 EPA ID:	CAD982492399
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD059494310
TSDF Name:	Clean Harbors San Jose LLC
TSDF Address 1:	1021 Berryessa Road
TSDF Address 2:	Not reported
TSDF City:	San Jose
TSDF Zip:	95133
TSDF Telephone:	800-483-3718

Federal:

Year:	2018
EM Manifest ID:	72279
Generator EPA ID:	CAL000319287
Shipment Date:	2018-07-10
Manifest Number:	017369965JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.59400
Quantity Waste:	165.000000
Quantity Unit:	G
Number of Containers:	3
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
Federal Code:	D001

Year:	2018
EM Manifest ID:	72279
Generator EPA ID:	CAL000319287
Shipment Date:	2018-07-10
Manifest Number:	017369965JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.59400
Quantity Waste:	165.000000
Quantity Unit:	G
Number of Containers:	3
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
Federal Code:	F002

Year:	2018
EM Manifest ID:	72279

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

Generator EPA ID:	CAL000319287
Shipment Date:	2018-07-10
Manifest Number:	017369965JJK
Line Number:	2
Method Code:	H141
Quantity Tons:	0.19800
Quantity Waste:	55.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Gallons
Federal Code:	D001

Year:	2018
EM Manifest ID:	72279
Generator EPA ID:	CAL000319287
Shipment Date:	2018-07-10
Manifest Number:	017369965JJK
Line Number:	2
Method Code:	H141
Quantity Tons:	0.19800
Quantity Waste:	55.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Gallons
Federal Code:	F002

State:

Year:	2018
EM Manifest ID:	72279
Generator EPA ID:	CAL000319287
Shipment Date:	2018-07-10
Manifest Number:	017369965JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.59400
Quantity Waste:	165.000000
Quantity Unit:	G
Number of Containers:	3
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
State Code:	214

Year:	2018
EM Manifest ID:	72279
Generator EPA ID:	CAL000319287
Shipment Date:	2018-07-10
Manifest Number:	017369965JJK
Line Number:	2
Method Code:	H141
Quantity Tons:	0.19800
Quantity Waste:	55.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Gallons

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

State Code: 214

Year: 2018
EM Manifest ID: 017416730JJK20170615_D_1
Shipment Date: 6/15/2017
Receipt Date: 6/23/2017
Manifest Number: 017416730JJK
Generator EPA ID: CAL000319287
Name: PHOENIX PHARMACEUTICALS INC
Address: Not reported
Address 2: Not reported
City: Not reported
Zip: Not reported
Telephone: Not reported
Contact: Not reported
Contact Telephone: Not reported
Transporter 1 EPA ID: CAD982492399
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: CAD059494310
TSDF Name: CLEAN HARBORS OF SAN JOSE LLC
TSDF Address 1: Not reported
TSDF Address 2: Not reported
TSDF City: Not reported
TSDF Zip: Not reported
TSDF Telephone: Not reported

Federal:
Year: 2018
EM Manifest ID: 017416730JJK20170615_D_1
Generator EPA ID: CAL000319287
Shipment Date: 2017-06-15
Manifest Number: 017416730JJK
Line Number: 1
Method Code: H141
Quantity Tons: 0.79200
Quantity Waste: 220.000000
Quantity Unit: G
Number of Containers: 4
Type of Container: NULL
Quantity Type: NULL
Federal Code: D001

Year: 2018
EM Manifest ID: 017416730JJK20170615_D_1
Generator EPA ID: CAL000319287
Shipment Date: 2017-06-15
Manifest Number: 017416730JJK
Line Number: 1
Method Code: H141
Quantity Tons: 0.79200
Quantity Waste: 220.000000
Quantity Unit: G
Number of Containers: 4
Type of Container: NULL
Quantity Type: NULL

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

Federal Code: F002

State:

Year:	2018
EM Manifest ID:	017416730JJK20170615_D_1
Generator EPA ID:	CAL000319287
Shipment Date:	2017-06-15
Manifest Number:	017416730JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.79200
Quantity Waste:	220.000000
Quantity Unit:	G
Number of Containers:	4
Type of Container:	NULL
Quantity Type:	NULL
State Code:	214

Year:	2018
EM Manifest ID:	017367495JJK20171201_D_1
Shipment Date:	12/1/2017
Receipt Date:	12/7/2017
Manifest Number:	017367495JJK
Generator EPA ID:	CAL000319287
Name:	PHOENIX PHARMACEUTICALS INC
Address:	Not reported
Address 2:	Not reported
City:	Not reported
Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Transporter 1 EPA ID:	CAD982492399
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD059494310
TSDF Name:	CLEAN HARBORS OF SAN JOSE LLC
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City:	Not reported
TSDF Zip:	Not reported
TSDF Telephone:	Not reported

Federal:

Year:	2018
EM Manifest ID:	017367495JJK20171201_D_1
Generator EPA ID:	CAL000319287
Shipment Date:	2017-12-01
Manifest Number:	017367495JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.54000
Quantity Waste:	150.000000
Quantity Unit:	G
Number of Containers:	3

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001
Year:	2018
EM Manifest ID:	017367495JJK20171201_D_1
Generator EPA ID:	CAL000319287
Shipment Date:	2017-12-01
Manifest Number:	017367495JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.54000
Quantity Waste:	150.000000
Quantity Unit:	G
Number of Containers:	3
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	F002
Year:	2018
EM Manifest ID:	017367495JJK20171201_D_1
Generator EPA ID:	CAL000319287
Shipment Date:	2017-12-01
Manifest Number:	017367495JJK
Line Number:	2
Method Code:	H141
Quantity Tons:	0.36000
Quantity Waste:	100.000000
Quantity Unit:	G
Number of Containers:	2
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001
Year:	2018
EM Manifest ID:	017367495JJK20171201_D_1
Generator EPA ID:	CAL000319287
Shipment Date:	2017-12-01
Manifest Number:	017367495JJK
Line Number:	2
Method Code:	H141
Quantity Tons:	0.36000
Quantity Waste:	100.000000
Quantity Unit:	G
Number of Containers:	2
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	F002

State:

Year:	2018
EM Manifest ID:	017367495JJK20171201_D_1
Generator EPA ID:	CAL000319287
Shipment Date:	2017-12-01
Manifest Number:	017367495JJK
Line Number:	1
Method Code:	H141

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

Quantity Tons:	0.54000
Quantity Waste:	150.000000
Quantity Unit:	G
Number of Containers:	3
Type of Container:	NULL
Quantity Type:	NULL
State Code:	214
Year:	2018
EM Manifest ID:	017367495JJK20171201_D_1
Generator EPA ID:	CAL000319287
Shipment Date:	2017-12-01
Manifest Number:	017367495JJK
Line Number:	2
Method Code:	H141
Quantity Tons:	0.36000
Quantity Waste:	100.000000
Quantity Unit:	G
Number of Containers:	2
Type of Container:	NULL
Quantity Type:	NULL
State Code:	214

Additional Info:

Year:	2017
Gen EPA ID:	CAL000319287
Shipment Date:	20171201
Creation Date:	8/7/2018 18:30:34
Receipt Date:	20171207
Manifest ID:	017367495JJK
Trans EPA ID:	CAD982492399
Trans Name:	ALL CLEAN HAZARDOUS WASTE REMOVAL INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIR SVS INC
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS OF SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.54
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171201
Creation Date:	8/7/2018 18:30:34
Receipt Date:	20171207
Manifest ID:	017367495JJK

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

Trans EPA ID:	CAD982492399
Trans Name:	ALL CLEAN HAZARDOUS WASTE REMOVAL INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIR SVS INC
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS OF SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.36
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170615
Creation Date:	5/17/2018 18:31:33
Receipt Date:	20170623
Manifest ID:	017416730JJK
Trans EPA ID:	CAD982492399
Trans Name:	ALL CLEAN HAZARDOUS WASTE REMOVAL INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS OF SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.792
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAL000319287

Shipment Date:	20151216
Creation Date:	6/8/2016 18:32:50
Receipt Date:	20151231
Manifest ID:	015361194JJK
Trans EPA ID:	CAR000179747
Trans Name:	INGENIUM (MILPITAS)
Trans 2 EPA ID:	MAD039322250

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.702
Waste Quantity:	195
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150820
Creation Date:	10/12/2015 22:15:20
Receipt Date:	20150826
Manifest ID:	000936659VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	U080
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150713
Creation Date:	9/25/2015 22:15:09
Receipt Date:	20150723
Manifest ID:	014895079JJK
Trans EPA ID:	CAR000179747
Trans Name:	INGENIUM (MILPITAS)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.792
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150128
Creation Date:	5/17/2015 22:15:06
Receipt Date:	20150211
Manifest ID:	013109345JJK
Trans EPA ID:	CAR000179747
Trans Name:	INGENIUM (MILPITAS)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.99
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAL000319287
Shipment Date:	20151216
Creation Date:	6/8/2016 18:32:50
Receipt Date:	20151231
Manifest ID:	015361194JJK
Trans EPA ID:	CAR000179747
Trans Name:	INGENIUM (MILPITAS)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.702
Waste Quantity:	195

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150820
Creation Date:	10/12/2015 22:15:20
Receipt Date:	20150826
Manifest ID:	000936659VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	U080
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150713
Creation Date:	9/25/2015 22:15:09
Receipt Date:	20150723
Manifest ID:	014895079JJK
Trans EPA ID:	CAR000179747
Trans Name:	INGENIUM (MILPITAS)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.792
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150128

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

Creation Date:	5/17/2015 22:15:06
Receipt Date:	20150211
Manifest ID:	013109345JJK
Trans EPA ID:	CAR000179747
Trans Name:	INGENIUM (MILPITAS)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.99
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAL000319287
Shipment Date:	20140812
Creation Date:	10/31/2014 22:14:51
Receipt Date:	20140825
Manifest ID:	013498514JJK
Trans EPA ID:	CAR000179747
Trans Name:	INGENIUM (MILPITAS)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.188
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140325
Creation Date:	6/11/2014 22:15:17
Receipt Date:	20140408
Manifest ID:	012462948JJK

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

Trans EPA ID:	CAR000179747
Trans Name:	INGENIUM (MILPITAS)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.386
Waste Quantity:	385
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAL000319287
Shipment Date:	20130816
Creation Date:	10/30/2013 22:15:29
Receipt Date:	20130829
Manifest ID:	011867212JJK
Trans EPA ID:	CAR000179747
Trans Name:	INGENIUM (SAN JOSE)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.26
Waste Quantity:	350
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130125
Creation Date:	7/6/2013 22:15:05
Receipt Date:	20130206
Manifest ID:	010755925JJK
Trans EPA ID:	CAR000179747
Trans Name:	INGENIUM (SAN JOSE)
Trans 2 EPA ID:	MAD039322250

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.72
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAL000319287
Shipment Date:	20121011
Creation Date:	1/13/2013 22:15:06
Receipt Date:	20121023
Manifest ID:	005700766FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.72
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	F002
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120420
Creation Date:	8/16/2012 22:15:19
Receipt Date:	20120501
Manifest ID:	004987127FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.72
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	F002
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120103
Creation Date:	7/19/2012 22:00:24
Receipt Date:	20120106
Manifest ID:	005091039FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.594
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	F002
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	PHOENIX PHARMACEUTICALS INC
Address:	330 BEACH RD
City,State,Zip:	BURLINGAME, CA 94010
Site ID:	143714
CERS ID:	10070014
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	143714
Site Name:	PHOENIX PHARMACEUTICALS INC
Violation Date:	07-16-2020
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

	if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Returned to compliance on 08/13/2020. OBSERVED: Used oil appears to be accumulated until the container is full. REQUIRED ACTION: Ensure that the used oil is removed within 180 days of initial generation. Used oil can be taken to the County's VSQG program up to 15 gallons at a time (containers must be 5 gallons or less). Go to http://www.smchealth.org/vsqg to schedule an appointment. Discussed options to accumulate hazardous waste in satellite storage areas to better maximize the amount of time waste is on- site.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	143714
Site Name:	PHOENIX PHARMACEUTICALS INC
Violation Date:	09-13-2021
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 10/15/2021.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	143714
Site Name:	PHOENIX PHARMACEUTICALS INC
Violation Date:	03-02-2022
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 03/29/2023. OBSERVATION: Throughout facility labs, open containers of hazardous waste, hazardous waste containers connected to HPLC did not contain carbon filter or vapor tight fittings. Some containers had paper towels as a stopper. In almost all solvent waste containers in hoods had open funnels that were not closed. CORRECTIVE ACTION: Ensure all hazardous waste containers are kept closed except when actively collecting or pouring. Please keep all hazardous waste containers closed by the "Comply By" date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	143714
Site Name:	PHOENIX PHARMACEUTICALS INC
Violation Date:	11-06-2015

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 01/06/2016. Satellite storage containers need to be labeled and either an accumulation start date or "empty daily" listed for the accumulation date. If you use "empty daily," you need to ensure that ALL hazardous waste containers are emptied daily.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	143714
Site Name:	PHOENIX PHARMACEUTICALS INC
Violation Date:	12-26-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 04/09/2019. Ensure that all of your reportable quantities of hazardous materials are reported in the Hazardous Materials Business Plan (HMBP). Used oil is not listed in the chemical inventory, but 55 gallon drum of used oil observed on-site. Re-evaluate your chemical inventory and demonstrate that all reportable chemicals are listed in the HMBP.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	143714
Site Name:	PHOENIX PHARMACEUTICALS INC
Violation Date:	03-02-2022
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 04/14/2022. OBSERVATION: Inventory was incomplete. The following chemicals were not reflected in the last HMBP submission: 500 lbs of Dry Ice in loading dock area, Hydrogen gas cylinders in lab 5 and hazardous waste storage areas, Hexafluorethane, Trifluoromethane compress gas cylinder in lab 2, HydroChloric Acid 55 gallon drum in waste storage room, Hydrogen Fluoride Compress gas cylinder in hood of lab 5, 1 drum of waste vacuum oil stored in hazardous waste storage room. CORRECTIVE ACTION: Update inventory statement to reflect current quantities of chemicals mentioned above and corresponding storage areas. Update the chemical inventory statement by the "COMPLY BY" date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	143714
Site Name:	PHOENIX PHARMACEUTICALS INC

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

Violation Date:	07-16-2020
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes:	Returned to compliance on 08/13/2020. OBSERVED: General organization and housekeeping issues are apparent in some of the labs. Emergency response may be significantly delayed based on the types of chemicals in the lab and the general disarray of the bench top storage. REQUIRED ACTION: Demonstrate that housekeeping is improviing.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	143714
Site Name:	PHOENIX PHARMACEUTICALS INC
Violation Date:	12-26-2017
Citation:	HSC 6.5 25200.3.1 (c) - California Health and Safety Code, Chapter 6.5, Section(s) 25200.3.1 (c)
Violation Description:	Failure to treat laboratory hazardous waste according to all of the following requirements: 1) treated in containers and follow published procedures, 2) at a location as close as practical, and within 10 days, 3) single batch quantity limit to be 5 gallons or 18 kg, 4) waste from a single procedure or from the same laboratory process, 5) performed by trained personnel, 6) training records are maintained for 3 years, 7) waste and residuals are managed according to applicable requirements, and 8) records are made available for inspection.
Violation Notes:	Returned to compliance on 01/05/2018.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	143714
Site Name:	PHOENIX PHARMACEUTICALS INC
Violation Date:	12-26-2017
Citation:	22 CCR 12 66262.34(e) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(e)
Violation Description:	Failure to meet the following conditions of satellite accumulation regulations: Accumulate up to 55 gallons of hazardous waste or one quart of acute hazardous waste at or near the initial point of accumulation which was under the control of the operator. Total time hazardous waste can be accumulated onsite in any generator accumulation area is one year, i.e., the combined accmulation time at a satellite accumulation point and at a 90/180/270 accumulation area (depending on size of generator and distance transported), whichever comes first. The generator complies with section 66265.171, 66265.172, and 66265.173(a). The container must be clearly marked with the initial date that hazardous waste is first placed in the container and labelled with the words Hazardous Waste including specified information Container must be labelled with the date the satellite accumulation limit is reached and moved within three days after reaching the 55 gallon (or one quart) limit to a 90 day accumulation area 55 gallons (or one quart of acute hazardous waste) of waste per process may be accumulated

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

Violation Notes:	Returned to compliance on 01/05/2018. Satellite waste containers in fume hoods need to be properly labeled, including accumulation start date. Demonstrate that all wastes are properly labeled.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	143714
Site Name:	PHOENIX PHARMACEUTICALS INC
Violation Date:	03-02-2022
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 03/29/2023. OBSERVATION: Throughout all labs, there were multiple of waste containers labeled with "waste" and no accumulation start date. No identifying constituents of hazard class, category, contents, or accumulation start date on waste container. CORRECTIVE ACTION: Label all waste containers with appropriate hazardous waste labels including hazardous category, constituents, and accumulation start date. Please label all hazardous waste containers by the "Comply By" date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	143714
Site Name:	PHOENIX PHARMACEUTICALS INC
Violation Date:	12-26-2017
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 12/26/2017. Waste container observed with funnel in it. Corrected on-site. Used oil containers on the ground in Laboratory #5 include open containers. Ensure that all waste containers are closed when they are not being actively filled
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	143714
Site Name:	PHOENIX PHARMACEUTICALS INC
Violation Date:	12-26-2017
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

	date.
Violation Notes:	Returned to compliance on 01/05/2018. Waste containers in fume hoods are not labeled as hazardous waste. All hazardous waste containers must be properly labeled.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	143714
Site Name:	PHOENIX PHARMACEUTICALS INC
Violation Date:	07-16-2020
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 08/13/2020. OBSERVED: Several satellite storage containers were observed with open caps or improper caps that do not allow for tubing to drain into the container while keeping it closed. REQUIRED ACTION: Demonstrate that all open containers have been fitted with appropriate caps that allow drainage while the container stays closed. Photos may be sent.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	143714
Site Name:	PHOENIX PHARMACEUTICALS INC
Violation Date:	03-02-2022
Citation:	22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description:	Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes:	Returned to compliance on 03/03/2023. OBSERVATION: In Research and Development lab, room 5, there was multiple unopened containers that appeared to be waste could not be identified. CORRECTIVE ACTION: Determine contents of all open and unlabeled containers. Place hazardous waste labels on all waste containers and label appropriately with contents, accumulation start date, and properties. OBSERVATION: Was told by Eng Tau that a drum of HCL in the waste room was left at facility. CORRECTIVE ACTION: Determine if the drum of HCl is still product and will be used in the future of if the drum of HCl is no longer usable, please dispose of the drum as hazardous waste.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	143714
Site Name:	PHOENIX PHARMACEUTICALS INC
Violation Date:	03-02-2022
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.

Violation Notes: Returned to compliance on 03/03/2023. OBSERVATION: in Lab 8, evidence of vacuum oil leak on floor with paper towels covering the oil. Paper towels were soaked with vacuum oil. It was also observed that vacuum oil was accumulated in secondary containment. CORRECTIVE ACTION: Clean up secondary containment and paper towels and floor of the vacuum oil spills. Clean spill by the "Comply By" date.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 143714
Site Name: PHOENIX PHARMACEUTICALS INC
Violation Date: 07-16-2020
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 08/13/2020. OBSERVED: Several satellite storage containers in several labs are not properly labeled. No information regarding REQUIRED ACTION: Submit photos to the CUPA demonstrating that the containers in each lab have been properly labeled.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 143714
Site Name: PHOENIX PHARMACEUTICALS INC
Violation Date: 03-02-2022
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 04/14/2022. OBSERVATION: The business failed to complete and electronically submit initially, annually, or triennially, a business plan when handling hazardous materials at or above the reportable threshold quantities. Last business plan submission was 8/12/2020. CORRECTIVE ACTION: Complete and electronically submit a business plan.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 143714
Site Name: PHOENIX PHARMACEUTICALS INC
Violation Date: 12-26-2017
Citation: HSC 6.5 25200.3.1(b) - California Health and Safety Code, Chapter 6.5, Section(s) 25200.3.1(b)
Violation Description: Failure of the owner or operator managing laboratory hazardous waste in a laboratory accumulation area to comply with the quantity

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

	limitations, management, training, or documentation requirements.
Violation Notes:	Returned to compliance on 01/05/2018. Laboratory housekeeping, container management, waste management, and labeling needs significant improvement; particularly in Lab #5. Improve organization and demonstrate that the lab is organized, waste is minimized and properly labeled.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	143714
Site Name:	PHOENIX PHARMACEUTICALS INC
Violation Date:	03-02-2022
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 04/14/2022. OBSERVATION: Evacuation assembly areas, neighboring facilities, chemical locations for chemicals (dry ice, HCl, Hydrogen), cross streets, and storm drains are missing from maps. CORRECTIVE ACTION: Update facility maps to reflect the items mentioned above by the "COMPLY BY" date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	143714
Site Name:	PHOENIX PHARMACEUTICALS INC
Violation Date:	12-26-2017
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Release/Leaks/Spills - General
Violation Notes:	Returned to compliance on 01/05/2018. Genrally, the labs were observed in good condition. However, Lab #5 is cluttered and has a lot of open containers. This room needs attention. Please demonstrate that the waste management practices in this room are improved.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	143714
Site Name:	PHOENIX PHARMACEUTICALS INC
Violation Date:	07-16-2020
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 08/13/2020. OBSERVED: Iodine 125 reported as a solid, but in gallons. Trifluoroacedic acid is reported as a liquid, but in pounds Waste solvent is reported as a mixture and not a waste. REQUIRED ACTION: Please go into the County's electronic portal and revise the chemical inventories for the chemicals mentioned above.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

Site ID: 143714
Site Name: PHOENIX PHARMACEUTICALS INC
Violation Date: 03-02-2022
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 03/03/2023. OBSERVATION: Poor housekeeping throughout all the labs. Research and Development Lab 5 was especially of concern. Multiple open containers of waste and product. Unlabeled open containers in fume hood. Unknown powders spilled along work area of fume hoods. CORRECTIVE ACTIONS: Label all containers appropriately as waste or product. Ensure all waste containers are properly closed and labeled with hazardous waste labels include the accumulation start date, constituents, and hazard categories. Ensure materials in fume hoods are compatible. Please improve housekeeping and send photos by the "Comply By" date.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 04-15-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-16-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Eng Tau, engtau@phoenixpeptide.com Most recent HMBP submitted 4/6/20 and reviewed 4/15/20.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-06-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-15-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-26-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Eng Tau, engtau@phoenixpeptide.com Dichloromethane 165.0 Gallons Dimethylformamide 165.0 Gallons Hydrogen Fluoride 18.0 Pounds Iodine-125 303.0 Gallons Nitrogen 3040.0 Cubic Feet Trifluoroacetic Acid (TFA) 240.0 Pounds Waste Solvent 200.0 Gallons Used oil 55 gallons (not in inventory)
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-27-2022
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: file, violation, cers review
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-29-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Missing report data cleanup and archiving
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-28-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-06-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-29-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-26-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Eng Tau, engtau@phoenixpeptide.com Solvent waste (HPLC) Used oil Waste Iodine solution
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-27-2022
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: file, violation review
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-27-2022
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Met with Carlos, he was concerned that the follow up inspection will incur additional citation. He requested he looked into his communication with Wes. I only looked at a 5 gallon satellite container in Lab 5.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-05-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Eng Tau, engtau@phoenixpeptide.com Follow up inspection to review waste manifests. Ensure that all waste is picked up within 180 days of the start of generation. Used oil can be taken to the County's VSQG program up to 15 gallons at a time. Go to http://www.smchealth.org/vsqg to schedule an appointment. Housekeeping and labeling issues were observed and are resolved.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-02-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: PHOENIX PHARMACEUTICALS INC CERSID: 10070014 Facility Information PHOENIX PHARMACEUTICALS INC 330 BEACH RD BURLINGAME, CA 94010 (650) 558-8898 Owner Information CHANG, JAW KANG & ENG TAU 330 BEACH ROAD BURLINGAME, CA94010 (650) 558-8898 Primary Emergency Contact Eng Tau Chief Operating Officer (650) 558-8898 (650) 637-8993 (24-hour) Secondary Emergency Contact Jaw Kang Chang President (650) 558-8898 (650) 593-3617 (24-hour) Environmental Contact Eng Tau (650) 558-8898 accounting@phoenixpeptide.com Mailing Address330 Beach Road

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

Burlingame, CA 94010 United States ID Number: CAR000305615 Facility Name: PHOENIX PHARMACEUTICALS INC Status: ACTIVE ID Type: PERMANENT ID Category: FEDERAL Entity Types: GENERATOR Issued Date: 2/28/2020 Last Updated: 7/19/2021 2021 Manifests: 014275661FLE 06/16/2021 016591643FLE 12/02/2021 2020 Manifests: 014647707FLE 05/13/2020 014650389FLE 12/10/2020 ID Number: CAL000319287 Facility [Truncated]

Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-02-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: PHOENIX PHARMACEUTICALS INC CERSID: 10070014 Facility Information PHOENIX PHARMACEUTICALS INC 330 BEACH RD BURLINGAME, CA 94010 (650) 558-8898 Owner Information CHANG, JAW KANG & ENG TAU 330 BEACH ROAD BURLINGAME, CA94010 (650) 558-8898 Primary Emergency Contact Eng Tau Chief Operating Officer (650) 558-8898 (650) 637-8993 (24-hour) Secondary Emergency Contact Jaw Kang Chang President (650) 558-8898 (650) 593-3617 (24-hour) Environmental Contact Eng Tau (650) 558-8898 accounting@phoenixpeptide.com Mailing Address330 Beach Road Burlingame, CA 94010 United States Inventory Summary Unique Location Summary Count 4 Gas EHS Summary Count 0 Gas Material Summary Count 2 Gas Maximum Daily Summary Value 1,522 cubic feet Liquid EHS Summary Count 0 Liquid Material Summary Count 5 Liquid Maximum Daily Summary Value 922 gallons Solid EHS Summary Count 0 Solid Material Summary Count 1 Solid Maximum Daily Summary Value 83 [Truncated]

Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-02-2023
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Visited Phoenix Pharmaceuticals for a follow up inspection to close out violations from 3/2/2022 Met with Carlos Carranza who toured me around the facility. Observations: 1) Hazardous waste containers were observed closed throughout the facility. However, HPLC waste bottles did not utilize a closed system with carbon filter and vapor tight fittings. 2) Evidenece of vacuum oil leak on the floor of Lab 8 was no longer present. 3) In the R&D Lab 5, all of the containers were properly closed. No spilled powders were present in the hood or lab benches. 4) In the R&D Lab 5, containers were properly labeled and identified, hazardous wastes were labeled as "waste" with accumulation start date. However, proper hazardous waste labels were not used and not identified with physical state or hazardous properties. 5) A drum of HCl in the waste room is now being used and is considered product. 6) Waste containers were labeled as "waste" and accumulation start date. Correct [Truncated]

Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-06-2016

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-29-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Missing report data cleanup and archiving
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-03-2022
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: working on inspection reports
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-24-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-16-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Eng Tau, engtau@phoenixpeptide.com Used oil can be taken to the County's VSQG program up to 15 gallons at a time. Go to http://www.smchealth.org/vsqg to schedule an appointment. CAL000319287 is INACTIVE 7/9/20. CAR000305615 is ACTIVE 2/28/20.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-13-2021
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-06-2015

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 143714
Site Name: PHOENIX PHARMACEUTICALS INC
Site Address: 330 BEACH RD
Site City: BURLINGAME
Site Zip: 94010
Enf Action Date: 03-02-2023
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: 4/12/23: No facility violations open, NOV resolved .
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Coordinates:
Site ID: 143714
Facility Name: PHOENIX PHARMACEUTICALS INC
Env Int Type Code: HWG
Program ID: 10070014
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.588619
Longitude: -122.335777

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200,

Affiliation Type Desc: Document Preparer
Entity Name: Carlos Carranza
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Eng Tau
Entity Title: Not reported
Affiliation Address: 330 Beach Road

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

Affiliation City:	Burlingame
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94010
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Eng Tau
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 558-8898,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	330 BEACH RD
Affiliation City:	BURLINGAME
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94010
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	PHOENIX PHARMACEUTICALS INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Eng Tau
Entity Title:	Chief Operating Officer
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	CHANG, JAW KANG & ENG TAU
Entity Title:	Not reported
Affiliation Address:	330 BEACH ROAD
Affiliation City:	BURLINGAME
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94010
Affiliation Phone:	(650) 558-8898,
Affiliation Type Desc:	Property Owner

PHOENIX PHARMACEUTICALS INC (Continued) **S113147448**

Entity Name:	Chang, Jaw Kang & Eng Tau
Entity Title:	Not reported
Affiliation Address:	330 Beach Road
Affiliation City:	Burlingame
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94010
Affiliation Phone:	(650) 558-8898,

I52 **STEMRD INC** **San Mateo Co. BI** **S123182508**
SE **332 BEACH** **N/A**
1/8-1/4 **BURLINGAME, CA 94010**
0.227 mi.
1199 ft. **Site 11 of 12 in cluster I**

Relative: **Higher**
Actual: **9 ft.**

San Mateo Co. BI:

Name:	STEMRD INC
Address:	332 BEACH
City,State,Zip:	BURLINGAME, CA 94010
Region:	SAN MATEO
Facility ID:	FA0045138
Prog Element Code:	SML QUANTITY GENERATOR(1-199lbs/Mo) OFF-SITE
Record Id:	PR0057828
Description:	SQG OFF-SITE TREATMENT (1-199 LB/MO)
Facility Status:	Active, billable
Program Category:	MEDICAL WASTE

I53 **KENT INTERNATIONAL** **RCRA-SQG** **1000392470**
SE **339 BEACH RD** **FINDS** **CAD981667215**
1/8-1/4 **BURLINGAME, CA 94010** **ECHO**
0.249 mi.
1317 ft. **Site 12 of 12 in cluster I**

Relative: **Lower**
Actual: **8 ft.**

RCRA Listings:

Date Form Received by Agency:	19960901
Handler Name:	Kent International
Handler Address:	BEACH RD
Handler City,State,Zip:	BURLINGAME, CA 94010
EPA ID:	CAD981667215
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Ca
State District:	2

KENT INTERNATIONAL (Continued) **1000392470**

Mailing Address:	BEACH RD
Mailing City,State,Zip:	BURLINGAME, CA 94010
Owner Name:	American Realty Cons
Owner Type:	Private
Operator Name:	Not Required
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: AMERICAN REALTY CONS	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212

KENT INTERNATIONAL (Continued) **1000392470**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19960901
Handler Name: KENT INTERNATIONAL
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Ca
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002743158

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

KENT INTERNATIONAL (Continued) **1000392470**

ECHO:
- Envid: 1000392470
- Registry ID: 110002743158
- DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002743158
- Name: KENT INTERNATIONAL
- Address: 339 BEACH RD
- City,State,Zip: BURLINGAME, CA 94010

J54 **DESIGN AND CUSTOMIZE LLC** **FINDS** **1027280189**
SE **PFAS ECHO** **N/A**
1/8-1/4 **BURLINGAME, CA**
0.250 mi.
1320 ft. **Site 1 of 2 in cluster J**

Relative:
Lower

Actual:
8 ft.

FINDS:
Registry ID: 110071261305

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

PFAS ECHO:
- Name: DESIGN AND CUSTOMIZE LLC
- Address: Not reported
- City,State,Zip: BURLINGAME, CA
- Latitude: 37.567932
- Longitude: -122.360122
- Count: 1
- County: SAN MATEO
- Status: Inactive
- Region: 09
- Industry: Plastics and Resins
- ECHO Facility Report: https://echo.epa.gov/detailed-facility-report?fid=110071261305
- Facility Percent Minority: -
- Facility Derived Tribes: -
- Facility Population: -
- EPA Programs: RCRA
- Federal Facility: No
- Federal Agency: -
- Facility FIPS Code: 06081
- Facility Indian Country Flag: N
- Facility Collection Method: Zip Code Centroid
- Facility Derived HUC: -
- Facility Derived WBD: -
- Facility Derived CD113: -
- Facility Derived CB2010: -
- Facility Major Flag: -
- Facility Active Flag: -
- Facility Inspection Count: 0

DESIGN AND CUSTOMIZE LLC (Continued) **1027280189**

Facility Date Last Inspection:	-
Facility Days Last Inspection:	-
Facility Informal Count:	0
Facility Date Last Informal Action:	-
Facility Formal Action Count:	0
Facility Date Last Formal Action:	-
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	-
Facility Last Penalty AMT:	-
Facility QTRS With NC:	0
Facility Programs With SNC:	0
Facility Compliance Status:	No Violation Identified
Facility SNC Flag:	N
AIR Flag:	N
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	Y
TRI Flag:	N
GHG Flag:	N
AIR IDS:	-
CAA Permit Types:	-
CAA NAICS:	-
CAA SICS:	-
NPDES IDS:	-
CWA Permit Types:	-
CWA NAICS:	-
CWA SICS:	-
RCRA IDS:	CAL000469882
RCRA Permit Types:	Other
RCRA NAICS:	326112
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	-
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-
TRI Reporter:	-
Facility IMP Water Flag:	-
EJSCREEN Flag US:	N
EJSCREEN Report:	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.360122,%22y%22:37.567932,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1

J55 **DESIGN AND CUSTOMIZE LLC** **RCRA NonGen / NLR** **1027218026**
SE **322 BEACH RD** **CAL000469882**
1/8-1/4 **BURLINGAME, CA 94010**
0.250 mi.
1320 ft. **Site 2 of 2 in cluster J**

Relative: **Lower**
Actual: **8 ft.**

RCRA Listings:

Date Form Received by Agency:	20220413
Handler Name:	Design And Customize Llc
Handler Address:	322 BEACH RD
Handler City,State,Zip:	BURLINGAME, CA 94010

DESIGN AND CUSTOMIZE LLC (Continued) **1027218026**

EPA ID:	CAL000469882
Contact Name:	AMANDA DAMELIO
Contact Address:	322 BEACH RD
Contact City,State,Zip:	BURLINGAME, CA 94010
Contact Telephone:	707-344-5609
Contact Fax:	Not reported
Contact Email:	AMANDA@DESIGNANDCUSTOMIZE.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	322 BEACH RD
Mailing City,State,Zip:	BURLINGAME, CA 94010
Owner Name:	Design And Customize Llc
Owner Type:	Other
Operator Name:	Amanda Damelio
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220418
Recognized Trader-Importer:	No

DESIGN AND CUSTOMIZE LLC (Continued) **1027218026**

Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: DESIGN AND CUSTOMIZE LLC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	575 CLARK ST
Owner/Operator City,State,Zip:	CROCKETT, CA 94525
Owner/Operator Telephone:	510-381-4022
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: AMANDA DAMELIO	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	322 BEACH RD
Owner/Operator City,State,Zip:	BURLINGAME, CA 94010
Owner/Operator Telephone:	707-344-5609
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20220413
Handler Name: DESIGN AND CUSTOMIZE LLC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	326112
NAICS Description:	PLASTICS PACKAGING FILM AND SHEET (INCLUDING LAMINATED) MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

DESIGN AND CUSTOMIZE LLC (Continued) **1027218026**

Evaluation Action Summary:
Evaluations: No Evaluations Found

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56 **REAL ESTATE NORTH INVESTMENT PARTNERSHIP LP** **LUST** **S108536388**
SSE **370 LANG** **CPS-SLIC** **N/A**
1/4-1/2 **BURLINGAME, CA 94010** **Cortese**
0.267 mi. **CERS**
1412 ft.

Relative:
Higher

Actual:
12 ft.

SAN MATEO CO. LUST:

Name:	REAL ESTATE NORTH INVESTMENT PARTNERSHIP LP
Address:	370 LANG RD
City,State,Zip:	BURLINGAME, CA
Region:	SAN MATEO
Facility ID:	669104
Facility Status:	9- Case Closed
Global ID:	T10000003038
APN Number:	026331260
Case Type:	BURLINGAME, CA
EDR Link ID:	BURLINGAME, CA

Name:	REAL ESTATE NORTH INVESTMENT PARTNERSHIP LP
Address:	370 LANG RD
City,State,Zip:	BURLINGAME, CA
Region:	SAN MATEO
Facility ID:	660100
Facility Status:	9- Case Closed
Global ID:	T0608108772
APN Number:	026331260
Case Type:	BURLINGAME, CA
EDR Link ID:	BURLINGAME, CA

LUST:

Name:	REAL ESTATE NORTH INVESTMENT PARTNERSHIP LP
Address:	370 LANG
City,State,Zip:	BURLINGAME, CA 94010
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608108772
Global Id:	T0608108772
Latitude:	37.5875130175821
Longitude:	-122.336913049221
Status:	Completed - Case Closed
Status Date:	01/12/2012
Case Worker:	BG
RB Case Number:	Not reported
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	660100
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Manual Entry on Screens
Cuf Case:	NO
Quantity Released Gallons:	0
Begin Date:	04/19/2007

REAL ESTATE NORTH INVESTMENT PARTNERSHIP LP (Continued) **S108536388**

Leak Reported Date:	04/30/2007
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Tank
Discharge Cause:	Not reported
Stop Method:	Close and Remove Tank
Stop Description:	Not reported
No Further Action Date:	01/12/2012
CA Water Watershed Name:	South Bay - San Mateo Bayside (204.40)
Dwr Groundwater Subbasin Name:	Westside (2-035)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	26-30%
CA Enviroscreen 4 Score:	20-25%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Extracted from Green Environment's July 7, 2010 second quarter 2010 groundwater monitoring report, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report. Two (2) independent Phase I Environmental Site Assessments (ESAs) were conducted of the subject property by Kleinfelder, Inc. in January 1990 and ERAS Environmental, Inc. (ERAS) in February 2007, respectively. Both of the Phase I ESAs documented that a single 1,000- gallon underground gasoline storage tank (UST) was removed from the subject property in 1985 without the collection of confirmation soil or groundwater samples. It was recommended by both consultants that soil in the vicinity of the former UST be assessed for potential impact by petroleum hydrocarbons. Kleinfelder, Inc. s Phase I ESA also documented extensive paint staining on concrete flooring and around a sewer floor drain within a paint storage room in the northwest corner of the warehouse building on the subject property, and recommended soil sampling in this area to determine potential impact by paints and solvents. Two (2) preliminary subsurface investigations were performed by Green Environment inc. (GEI), the first in April 2007, and the second between December 8, 2007 and February 1, 2008. The subsurface investigations were documented in reports dated April 30, 2007 and April 11, 2008, respectively. The preliminary subsurface investigations were designed to determine the extent of petroleum hydrocarbons related to the former UST and volatile organic compounds (VOCs) related to the former paint storage area, in soil, soil vapor and groundwater at the subject property. Based on the results of the preliminary subsurface investigations, GEI performed interim remediation measures and an additional subsurface investigation between August of 2008 and January of 2009. The activities were summarized in GEI s Subsurface Investigation and Interim Remedial Report , dated March 17, 2009. The interim remediation measures consisted of soil excavations in the vicinity of the former UST and paint storage areas, and dewatering of petroleum hydrocarbon-impacted groundwater from the open excavations prior to backfilling. The purpose of the additional subsurface investigation was to assess the extent of off-site fuel hydrocarbons downgradient of the subject property.Based on review of GEI s Subsurface Investigation and Interim Remedial Report (GEI, March 17, 2009), the SMCoGPP identified data gaps with respect to the subject property meeting low risk criteria and presented those data gaps in a letter dated April 16, 2009. In order to address the data gaps

REAL ESTATE NORTH INVESTMENT PARTNERSHIP LP (Continued) **S108536388**

outlined by SMCoGPP, GEI performed additional work at the SMCoGPP which included the installation of one (1) groundwater monitoring well within the former UST pit area (Well MW-1) as well as three (3) additional down-gradient groundwater monitoring wells (Wells MW-2, MW-3 and MW-4) to monitor and evaluate groundwater quality and flow direction trends over time (Well Installation and Soil Vapor Sampling Report, GEI January 22, 2010). Previous groundwater monitoring events have been conducted on October 9, 2009 and February 10, 2010. This report summarizes the third quarterly monitoring event overall, and the second quarterly event of 2010 (Q2 2010) which was conducted on May 28, 2010.

LUST:
Global Id: T0608108772
Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: BRIAN GWINN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 Alameda de las Pulgas, Suite 100
City: SAN MATEO
Email: bgwinn@smcgov.org
Phone Number: 6502724590

Global Id: T0608108772
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608108772
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608108772
Action Type: ENFORCEMENT
Date: 02/10/2010
Action: Staff Letter - #20100210

Global Id: T0608108772
Action Type: ENFORCEMENT
Date: 05/16/2007
Action: Notice of Responsibility - #20070516

Global Id: T0608108772
Action Type: ENFORCEMENT
Date: 11/05/2007
Action: Staff Letter - #20071105B

Global Id: T0608108772

REAL ESTATE NORTH INVESTMENT PARTNERSHIP LP (Continued) **S108536388**

Action Type: ENFORCEMENT
Date: 05/11/2010
Action: Staff Letter - #20100511

Global Id: T0608108772
Action Type: ENFORCEMENT
Date: 06/29/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0608108772
Action Type: ENFORCEMENT
Date: 06/19/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0608108772
Action Type: ENFORCEMENT
Date: 04/11/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0608108772
Action Type: Other
Date: 04/19/2007
Action: Leak Discovery

Global Id: T0608108772
Action Type: RESPONSE
Date: 09/23/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608108772
Action Type: RESPONSE
Date: 04/30/2007
Action: Other Report / Document

Global Id: T0608108772
Action Type: RESPONSE
Date: 12/19/2008
Action: Other Workplan

Global Id: T0608108772
Action Type: RESPONSE
Date: 04/15/2011
Action: Risk Assessment Report - Regulator Responded

Global Id: T0608108772
Action Type: REMEDIATION
Date: 08/23/2008
Action: Excavation

Global Id: T0608108772
Action Type: ENFORCEMENT
Date: 12/02/2008
Action: Staff Letter - #20081202

Global Id: T0608108772
Action Type: ENFORCEMENT
Date: 01/12/2012

REAL ESTATE NORTH INVESTMENT PARTNERSHIP LP (Continued) **S108536388**

Action: Closure/No Further Action Letter - #20120112

Global Id: T0608108772
Action Type: RESPONSE
Date: 04/03/2007
Action: Other Workplan

Global Id: T0608108772
Action Type: ENFORCEMENT
Date: 09/19/2007
Action: Staff Letter - #20070919

Global Id: T0608108772
Action Type: ENFORCEMENT
Date: 11/05/2007
Action: Staff Letter - #20071105A

Global Id: T0608108772
Action Type: ENFORCEMENT
Date: 04/16/2009
Action: Staff Letter - #20090416

Global Id: T0608108772
Action Type: ENFORCEMENT
Date: 07/08/2009
Action: Staff Letter - #20090708

Global Id: T0608108772
Action Type: ENFORCEMENT
Date: 08/06/2009
Action: Staff Letter - #20090806

Global Id: T0608108772
Action Type: ENFORCEMENT
Date: 06/30/2010
Action: Staff Letter - #20100630

Global Id: T0608108772
Action Type: ENFORCEMENT
Date: 05/19/2011
Action: Staff Letter - #20110519

Global Id: T0608108772
Action Type: ENFORCEMENT
Date: 04/03/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0608108772
Action Type: Other
Date: 04/30/2007
Action: Leak Reported

Global Id: T0608108772
Action Type: ENFORCEMENT
Date: 11/17/2010
Action: Staff Letter - #20101117

REAL ESTATE NORTH INVESTMENT PARTNERSHIP LP (Continued) **S108536388**

Global Id: T0608108772
Action Type: ENFORCEMENT
Date: 09/26/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0608108772
Action Type: ENFORCEMENT
Date: 09/19/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0608108772
Action Type: ENFORCEMENT
Date: 10/14/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T0608108772
Action Type: RESPONSE
Date: 04/02/2009
Action: Soil and Water Investigation Report

Global Id: T0608108772
Action Type: RESPONSE
Date: 12/31/2009
Action: Site Assessment Report

Global Id: T0608108772
Action Type: RESPONSE
Date: 07/16/2007
Action: Preliminary Site Assessment Workplan

Global Id: T0608108772
Action Type: RESPONSE
Date: 10/20/2007
Action: Other Workplan

Global Id: T0608108772
Action Type: RESPONSE
Date: 12/03/2007
Action: Other Report / Document

Global Id: T0608108772
Action Type: RESPONSE
Date: 03/30/2008
Action: Soil and Water Investigation Report

Global Id: T0608108772
Action Type: RESPONSE
Date: 10/29/2010
Action: Interim Remedial Action Report

Global Id: T0608108772
Action Type: ENFORCEMENT
Date: 09/28/2011
Action: Staff Letter - #20110928

Global Id: T0608108772
Action Type: ENFORCEMENT

REAL ESTATE NORTH INVESTMENT PARTNERSHIP LP (Continued) **S108536388**

Date: 04/11/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0608108772
Action Type: ENFORCEMENT
Date: 01/03/2018
Action: Email Correspondence

Global Id: T0608108772
Action Type: ENFORCEMENT
Date: 05/09/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0608108772
Action Type: ENFORCEMENT
Date: 07/26/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0608108772
Action Type: ENFORCEMENT
Date: 08/25/2008
Action: Verbal Communication

Global Id: T0608108772
Action Type: ENFORCEMENT
Date: 09/26/2007
Action: Email Correspondence

Global Id: T0608108772
Action Type: ENFORCEMENT
Date: 11/05/2007
Action: Staff Letter

Global Id: T0608108772
Action Type: ENFORCEMENT
Date: 05/16/2007
Action: Notice of Responsibility

Global Id: T0608108772
Action Type: ENFORCEMENT
Date: 05/16/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0608108772
Action Type: RESPONSE
Date: 10/23/2009
Action: Soil and Water Investigation Workplan

Global Id: T0608108772
Action Type: RESPONSE
Date: 04/10/2009
Action: Soil and Water Investigation Workplan

Global Id: T0608108772
Action Type: RESPONSE
Date: 05/15/2010
Action: Monitoring Report - Quarterly

REAL ESTATE NORTH INVESTMENT PARTNERSHIP LP (Continued) **S108536388**

Global Id: T0608108772
Action Type: RESPONSE
Date: 08/15/2010
Action: Monitoring Report - Quarterly

LUST:
Global Id: T0608108772
Status: Open - Case Begin Date
Status Date: 04/19/2007

Global Id: T0608108772
Status: Open - Site Assessment
Status Date: 05/03/2007

Global Id: T0608108772
Status: Completed - Case Closed
Status Date: 01/12/2012

CPS-SLIC:
Name: REAL ESTATE NORTH INVESTMENT PARTNERSHIP LP
Address: 370 LANG
City,State,Zip: BURLINGAME, CA 94010
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 08/15/2012
Global Id: T10000003038
Lead Agency: SAN MATEO COUNTY LOP
Lead Agency Case Number: 669104
Latitude: 37.5874365015934
Longitude: -122.33705252409
Case Type: Cleanup Program Site
Case Worker: BG
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: Not reported
File Location: Not reported
Potential Media Affected: Other Groundwater (uses other than drinking water), Soil, Soil Vapor
Potential Contaminants of Concern: Tetrachloroethylene (PCE), Trichloroethylene (TCE), Vinyl chloride
EPA Region: 9
Coordinate Source: Manual Entry on Screens
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 11/05/2007
Leak Reported Date: 11/05/2007
How Discovered: Site Assessment/Site Investigation
How Discovered Description: Not reported
Discharge Source: Other
Discharge Cause: Unknown
Stop Method: Change Operating Procedures
Stop Description: Not reported
No Further Action Date: 08/15/2012
CA Water Watershed Name: South Bay - San Mateo Bayside (204.40)
Dwr Groundwater Subbasin Name: Westside (2-035)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 26-30%
CA Enviroscreen 4 Score: 20-25%

REAL ESTATE NORTH INVESTMENT PARTNERSHIP LP (Continued) **S108536388**

Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Site opened to deal with remaining VOC issues, see LUST site for more historical information.

Click here to access the California GeoTracker records for this facility:

CORTESE:

Name:	REAL ESTATE NORTH INVESTMENT PARTNERSHIP LP
Address:	370 LANG
City,State,Zip:	BURLINGAME, CA 94010
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608108772
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	REAL ESTATE NORTH INVESTMENT PARTNERSHIP LP
Address:	370 LANG
City,State,Zip:	BURLINGAME, CA 94010
Site ID:	679336
CERS ID:	T10000003038
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	BRIAN GWINN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100

REAL ESTATE NORTH INVESTMENT PARTNERSHIP LP (Continued) **S108536388**

Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6502724590,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: UUU - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: REAL ESTATE NORTH INVESTMENT PARTNERSHIP LP
Address: 370 LANG
City,State,Zip: BURLINGAME, CA 94010
Site ID: 679336
CERS ID: T0608108772
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: BRIAN GWINN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6502724590,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: UUU - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

K57 **SPRINT** **LUST** **S104493472**
West **828 AIRPORT** **Cortese** **N/A**
1/4-1/2 **BURLINGAME, CA 94010**
0.447 mi.
2361 ft. **Site 1 of 2 in cluster K**

Relative: **Lower**

Actual: **7 ft.**

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	660084
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

CORTESE:

Name:	SPRINT
Address:	828 AIRPORT
City,State,Zip:	BURLINGAME, CA 94010
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608101111
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

K58 **SPRINT** **LUST** **S102267558**
West **828 AIRPORT** **HIST CORTESE** **N/A**
1/4-1/2 **BURLINGAME, CA 94010** **CERS**
0.447 mi.
2361 ft. **Site 2 of 2 in cluster K**

Relative: **Lower**

Actual: **7 ft.**

SAN MATEO CO. LUST:

Name:	SPRINT
Address:	828 AIRPORT BLVD
City,State,Zip:	BURLINGAME, CA

SPRINT (Continued) **S102267558**

Region: SAN MATEO
Facility ID: 660084
Facility Status: 9- Case Closed
Global ID: T0608101111
APN Number: 026342360
Case Type: BURLINGAME, CA
EDR Link ID: BURLINGAME, CA

LUST:
Name: SPRINT
Address: 828 AIRPORT
City,State,Zip: BURLINGAME, CA 94010
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608101111
Global Id: T0608101111
Latitude: 37.591732
Longitude: -122.350106
Status: Completed - Case Closed
Status Date: 10/04/2000
Case Worker: BG
RB Case Number: 41-1215
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency Warehouse
Local Case Number: 660084
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
EPA Region: 9
Coordinate Source: Google Geocode
Cuf Case: NO
Quantity Released Gallons: 0
Begin Date: 10/10/1998
Leak Reported Date: 10/10/1998
How Discovered: Other Means
How Discovered Description: Not reported
Discharge Source: Not reported
Discharge Cause: Not reported
Stop Method: Other Means
Stop Description: Not reported
No Further Action Date: 10/04/2000
CA Water Watershed Name: South Bay - San Mateo Bayside (204.40)
Dwr Groundwater Subbasin Name: Westside (2-035)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 26-30%
CA Enviroscreen 4 Score: 20-25%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: Not reported

LUST:
Global Id: T0608101111
Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: BRIAN GWINN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 Alameda de las Pulgas, Suite 100
City: SAN MATEO

SPRINT (Continued) **S102267558**

Email: bgwinn@smcgov.org
Phone Number: 6502724590

Global Id: T0608101111
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608101111
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608101111
Action Type: ENFORCEMENT
Date: 10/26/1998
Action: Notice of Responsibility - #1

Global Id: T0608101111
Action Type: RESPONSE
Date: 09/29/2000
Action: Other Report / Document

Global Id: T0608101111
Action Type: ENFORCEMENT
Date: 11/01/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0608101111
Action Type: Other
Date: 10/10/1998
Action: Leak Reported

LUST:
Global Id: T0608101111
Status: Open - Case Begin Date
Status Date: 10/10/1998

Global Id: T0608101111
Status: Completed - Case Closed
Status Date: 10/04/2000

HIST CORTESE:
edr_fname: SPRINT
edr_fadd1: 828 AIRPORT
City,State,Zip: BURLINGAME, CA 94010

SPRINT (Continued) **S102267558**

Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-1215

CERS:
Name: SPRINT
Address: 828 AIRPORT
City,State,Zip: BURLINGAME, CA 94010
Site ID: 687537
CERS ID: T0608101111
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: UUU - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: BRIAN GWINN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6502724590,

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59 **PACIFIC BELL** **San Mateo Co. BI** **1001610549**
SE **1007 HOWARD** **HIST CORTESE** **N/A**
1/4-1/2 **SAN MATEO, CA 94401**
0.454 mi.
2396 ft.

Relative:
Higher

Actual:
10 ft.

San Mateo Co. BI:
Name: MACHINE SHOP SERVICE INC
Address: 1007 HOWARD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0017013
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT

PACIFIC BELL (Continued) **1001610549**

Record Id: PR0010652
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: MACHINE SHOP SERVICE INC
Address: 1007 HOWARD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0017013
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0003311
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

HIST CORTESE:
edr_fname: PACIFIC BELL
edr_fadd1: 1007 HOWARD
City,State,Zip: SAN MATEO, CA 94401
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 2548

60
SE
1/4-1/2
0.475 mi.
2506 ft.

HAMBLIN TRUST **LUST S111760486**
1065 AMPHLETT BOULEVARD **Cortese N/A**
SAN MATEO, CA 94401 **CERS**

Relative: Higher

Actual: 9 ft.

SAN MATEO CO. LUST:
Name: HAMBLIN TRUST
Address: 1065 N AMPHLETT BLVD
City,State,Zip: SAN MATEO, CA
Region: SAN MATEO
Facility ID: 110176
Facility Status: 9- Case Closed
Global ID: TI0000003674
APN Number: 029314010/ 020
Case Type: SAN MATEO, CA
EDR Link ID: SAN MATEO, CA

LUST:
Name: HAMBLIN TRUST
Address: 1065 AMPHLETT BOULEVARD
City,State,Zip: SAN MATEO, CA 94401
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000003674
Global Id: T10000003674
Latitude: 37.586037
Longitude: -122.332246
Status: Completed - Case Closed
Status Date: 12/11/2014
Case Worker: Not reported
RB Case Number: Not reported

HAMBLIN TRUST (Continued) **S111760486**

Local Agency:	Not reported
File Location:	State Records Center
Local Case Number:	110176
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Benzene, Toluene, Diesel, Gasoline
EPA Region:	9
Coordinate Source:	Not reported
Cuf Case:	YES
Quantity Released Gallons:	Not reported
Begin Date:	11/28/2011
Leak Reported Date:	12/19/2011
How Discovered:	Tank Closure
How Discovered Description:	Phase II
Discharge Source:	Other, Piping
Discharge Cause:	Unknown
Stop Method:	Close and Remove Tank
Stop Description:	UST removed
No Further Action Date:	12/11/2014
CA Water Watershed Name:	South Bay - San Mateo Bayside (204.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - San Mateo Plain (2-009.03)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	46-50%
CA Enviroscreen 4 Score:	60-65%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	See reports in Geotracker for site history

LUST:

Global Id:	T10000003674
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T10000003674
Action Type:	ENFORCEMENT
Date:	11/14/2012
Action:	Technical Correspondence / Assistance / Other
Global Id:	T10000003674
Action Type:	ENFORCEMENT
Date:	05/14/2012
Action:	Technical Correspondence / Assistance / Other
Global Id:	T10000003674
Action Type:	ENFORCEMENT
Date:	01/15/2013
Action:	Email Correspondence
Global Id:	T10000003674
Action Type:	ENFORCEMENT
Date:	06/02/2014

HAMBLIN TRUST (Continued) **S111760486**

Action: Technical Correspondence / Assistance / Other

Global Id: T10000003674
Action Type: ENFORCEMENT
Date: 02/14/2013
Action: Notice of Responsibility

Global Id: T10000003674
Action Type: ENFORCEMENT
Date: 03/07/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T10000003674
Action Type: ENFORCEMENT
Date: 09/16/2014
Action: Email Correspondence

Global Id: T10000003674
Action Type: ENFORCEMENT
Date: 04/19/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T10000003674
Action Type: ENFORCEMENT
Date: 05/13/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T10000003674
Action Type: Other
Date: 11/28/2011
Action: Leak Discovery

Global Id: T10000003674
Action Type: RESPONSE
Date: 08/13/2012
Action: Preliminary Site Assessment Workplan - Regulator Responded

Global Id: T10000003674
Action Type: RESPONSE
Date: 02/15/2014
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T10000003674
Action Type: RESPONSE
Date: 01/09/2015
Action: Well Destruction Workplan - Regulator Responded

Global Id: T10000003674
Action Type: ENFORCEMENT
Date: 04/27/2012
Action: Notice of Responsibility - #20120427

Global Id: T10000003674
Action Type: ENFORCEMENT
Date: 09/17/2014
Action: Staff Letter - #20140917

HAMBLIN TRUST (Continued) **S111760486**

Global Id: T10000003674
Action Type: ENFORCEMENT
Date: 09/09/2014
Action: Staff Letter - #20140909

Global Id: T10000003674
Action Type: Other
Date: 12/19/2011
Action: Leak Reported

Global Id: T10000003674
Action Type: RESPONSE
Date: 05/02/2012
Action: Correspondence

Global Id: T10000003674
Action Type: ENFORCEMENT
Date: 11/05/2012
Action: Staff Letter - #20121105

Global Id: T10000003674
Action Type: ENFORCEMENT
Date: 06/07/2012
Action: Staff Letter - #20120607

Global Id: T10000003674
Action Type: ENFORCEMENT
Date: 04/27/2012
Action: Notice of Responsibility - #20120427

Global Id: T10000003674
Action Type: ENFORCEMENT
Date: 11/09/2011
Action: Email Correspondence

Global Id: T10000003674
Action Type: ENFORCEMENT
Date: 01/14/2014
Action: Clean Up Fund - Letter to RP

Global Id: T10000003674
Action Type: ENFORCEMENT
Date: 01/28/2013
Action: Unauthorized Release Form

Global Id: T10000003674
Action Type: RESPONSE
Date: 02/15/2013
Action: Well Installation Report

Global Id: T10000003674
Action Type: RESPONSE
Date: 11/15/2013
Action: Monitoring Report - Quarterly

Global Id: T10000003674
Action Type: RESPONSE

HAMBLIN TRUST (Continued) **S111760486**

Date: 08/15/2013
Action: Monitoring Report - Quarterly

Global Id: T10000003674
Action Type: RESPONSE
Date: 01/16/2015
Action: Well Destruction Report

Global Id: T10000003674
Action Type: ENFORCEMENT
Date: 06/04/2013
Action: Staff Letter - #20130604

Global Id: T10000003674
Action Type: ENFORCEMENT
Date: 07/09/2014
Action: Notification - Preclosure - #20140709

Global Id: T10000003674
Action Type: ENFORCEMENT
Date: 12/11/2014
Action: Closure/No Further Action Letter - #20141211

Global Id: T10000003674
Action Type: ENFORCEMENT
Date: 05/28/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T10000003674
Action Type: ENFORCEMENT
Date: 05/02/2012
Action: State Water Board Closure Order

Global Id: T10000003674
Action Type: ENFORCEMENT
Date: 02/11/2014
Action: Email Correspondence

Global Id: T10000003674
Action Type: ENFORCEMENT
Date: 02/04/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T10000003674
Action Type: Other
Date: 12/19/2011
Action: Leak Stopped

Global Id: T10000003674
Action Type: RESPONSE
Date: 05/02/2012
Action: Correspondence

LUST:
Global Id: T10000003674
Status: Completed - Case Closed
Status Date: 12/11/2014

HAMBLIN TRUST (Continued) **S111760486**

Global Id: T10000003674
Status: Open - Case Begin Date
Status Date: 11/28/2011

Global Id: T10000003674
Status: Open - Site Assessment
Status Date: 04/20/2012

Global Id: T10000003674
Status: Open - Eligible for Closure
Status Date: 02/11/2014

CORTESE:
Name: HAMBLIN TRUST
Address: 1065 AMPHLETT BOULEVARD
City,State,Zip: SAN MATEO, CA 94401
Region: CORTESE
Envirostor Id: Not reported
Global ID: T10000003674
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: HAMBLIN TRUST
Address: 1065 AMPHLETT BOULEVARD
City,State,Zip: SAN MATEO, CA 94401
Site ID: 659129
CERS ID: T10000003674
CERS Description: Leaking Underground Storage Tank Cleanup Site

61
SSW
1/2-1
0.726 mi.
3835 ft.

BURLINGAME HIGH SCHOOL
400 CAROLAN AVENUE
BURLINGAME, CA 94010

ENVIROSTOR
SCH
DEED

S103986521
N/A

Relative:
Higher

Actual:
28 ft.

ENVIROSTOR:

Name:	BURLINGAME HIGH SCHOOL
Address:	400 CAROLAN AVENUE
City,State,Zip:	BURLINGAME, CA 94010-2708
Facility ID:	41820008
Status:	Certified / Operation & Maintenance
Status Date:	08/04/2011
Site Code:	204083
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	22
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Letitia Shen
Supervisor:	Jose Salcedo
Division Branch:	Cleanup Legacy Landfills
Assembly:	21
Senate:	13
Special Program:	Not reported
Restricted Use:	YES
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	37.58249
Longitude:	-122.3468
APN:	029-141-010, 029141010
Past Use:	UNKNOWN, SCHOOL - HIGH SCHOOL
Potential COC:	Arsenic Lead Polychlorinated biphenyls (PCBs
Confirmed COC:	Arsenic Polychlorinated biphenyls (PCBs Lead
Potential Description:	SOIL, SOIL
Alias Name:	BURLINGAME HIGH SCHOOOL
Alias Type:	Alternate Name
Alias Name:	SAN MATEO UHSD-BURLINGAME HIGH
Alias Type:	Alternate Name
Alias Name:	SAN MATEO UNION HIGH SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	029-141-010
Alias Type:	APN
Alias Name:	029141010
Alias Type:	APN
Alias Name:	110021905143
Alias Type:	EPA (FRS #)
Alias Name:	204083
Alias Type:	Project Code (Site Code)
Alias Name:	41820008
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	12/27/2005
Comments:	Not reported

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

Completed Area Name: Lead/PCB
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/20/2005
Comments: Not reported

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 04/26/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 04/20/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 08/03/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/19/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/18/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/23/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 01/25/2007
Comments: Sharon received a draft response letter from the District that did not comply with the DNONC. Comments were written on the response; Additional internal meetings are needed to determine if an order will be issued.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 04/05/2007
Comments: Held a face-to-face meeting to discuss outstanding issues for the project: Schedule for remainder of activities; Discussion regarding

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

remediation in the planter boxes. Discussed a couple of options for the planter boxes; the District will include their final recommendation for their remediation in the arsenic RAW.

Completed Area Name: Lead/PCB
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 04/02/2007
Comments: Site Visit to oversee confirmation sampling for PCB remediation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/30/2007
Comments: Phone conference to discuss 1. Fact sheet; 2. Start of the Lead/PCB removal; 3. Recent arsenic characterization; 4. Meeting in DTSC Berkeley Office to develop the dates for the remaining of the remediation activities.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/22/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/08/2007
Comments: Meet with Kim, Diane and Mark to discuss the work notice Kim prepared for Burlingame. Based on the significant amount of time that has lapsed since the last communication from DTSC to the community, Fact Sheet was recommended instead of a work notice. It will include the dates of the PCB and lead removals as well as a date on the additional arsenic investigation. A reference will be made regarding the arsenic removal, but no specific date will be mentioned.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/01/2007
Comments: Project Team to discuss outstanding issues for project: fence the PCB area; financal capabilities of the District; look up the requirements for proper signage and will send it to Burlingame via email; Cost Estimates to complete all of the work at BHS- cost to complete the PCB and Lead removal actions, cost to completed and arsenic characterization; prepare another timeline of tasks that need to be completed; Stabalization of site press release and future fact sheets; Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 01/29/2007
Comments: Project team discussed Measure M (Proposition 39) that was passed in November 06 for $298,000,000. discussed if an Imminent and Substantial Endangerment order would appropriate to issue or , a

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

Determination of Non-Compliance (DoNC) or a Fence and Post on a temporary fence

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/26/2006
Comments: Meeting to discuss: the letter of proposed Determination of Non-Compliance was signed and sent to the District and the letter sent to the City of Burlingame (Jim Nantell) . The DNONC identified three thing: Completion of removal action for lead and PCBs around the main building and a submittal of a RACR; Submittal of an SSI to document the extent of arsenic-contamination on BHS; and submittal of a RAW to address the mitigation of arsenic. District to provide a response by January 17, 2007

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 10/12/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/25/2008
Comments: DTSC issued a letter to the District outlining the current status of the project and requesting a response to DTSC comments regarding the RACR and a schedule of mitigation activities.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/03/2009
Comments: Not reported

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 08/04/2009
Comments: DTSC issued a fully executed Operation and Maintenance Agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/04/2013
Comments: On October 2, 2013, DTSC received one hard copy of the revised 2013 Arsenic Annual Report; the e-copy was received via email on September 25, 2013.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/26/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Plan
Completed Date: 08/03/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 08/28/2020
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/20/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/15/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/16/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 11/05/2002
Comments: Not reported

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 09/06/2007
Comments: Office of Env. Planning & Analysis has approved the NOE. Division signatures will be added to the tracking form when the RAW is approved.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/01/2007
Comments: DTSC issued approval to begin construction on the rear athletic field. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/07/2020
Comments: 05/07/2020 District and Consultant completed Annual Inspection.

Completed Area Name: PROJECT WIDE

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/10/2020
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/13/2019
Comments: Project Manager Change Letter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/20/2021
Comments: Annual inspection took place with DTSC oversight

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 01/22/2020
Comments: 01/22/2020 mailed out 2019-2020 Annual Cost Estimate Burlingame HS (204083).pdf

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 05/17/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/31/2021
Comments: Completed

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/17/2008
Comments: DTSC/District arsenic remediation meeting

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/07/2008
Comments: DTSC reviewed and determined that based on the results of the analytical data provided, the decomposed granite from the Handley Ranch Quarry would not adversely impact the site and is suitable to use as fill material in Area B.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/13/2007
Comments: DTSC/District arsenic remediation meeting

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/15/2008
Comments: Not reported

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/27/2007
Comments: DTSC/District arsenic remediaiton meeting

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/06/2007
Comments: DTSC/Distict arsenic remediation meeting

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/29/2007
Comments: DTSC/District weekly remediation meeting

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/14/2008
Comments: DTSC/District arsenic remediation meeting

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Plan
Completed Date: 08/04/2011
Comments: On July 19, 2012, DTSC received the complete revised Final O&M Plan (July 10, 2012 version)

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/06/2010
Comments: DTSC approved the Removal Action Completion Report for arsenic impacted soils

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/27/2008
Comments: DTSC developed and approved the ESD for the project. The ESD serves as a bridging document to explain that a Land Use Covenant (LUC) is needed for the project, even though the LUC was not mentioned in the removal action workplan.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 01/07/2009

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 02/22/2012
Comments: On February 22, 2012, DTSC received a notification from the SMUHGD via e-mail indicating that Mr. Victor Talavera will be the new Arsenic Coordinator (replacing Mr. Ezekiel Lyles).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 07/17/2014
Comments: Final public notice for publishing before July 8, 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/07/2012
Comments: On September 4, 2012, DTSC approved the 2012 Annual Summary Inspection Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 12/09/2014
Comments: On December 3, 2014, DTSC approved the revised 5-year Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/23/2018
Comments: On May 23, 2018, PPS (K. Rasmussen) provided the final public notice (English and Spanish) fro publication.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 07/08/2020
Comments: 07/08/2020 DTSC email (dated 07/08/2020) 2019-2020 As Biennial Summ Rrt Approval Ltr.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 03/11/2019
Comments: End of Second Five-Year Review Public Notice posted in local newspaper.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/14/2018
Comments: On May 14, 2018, DTSC participated during the 2nd Five-Year Review site inspection of the capped areas at the BHS. As part of the five-year inspection, the cap thickness were measured at some areas;

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

the cap thickness were within the minimum requirements.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/14/2016
Comments: On June 14, 2016, DTSC participated during the annual O&M inspection with the District and their consultant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 05/21/2019
Comments: Completed site inspection.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/23/2006
Comments: Delays in Investigation letter to the School District. OLC has been contacted and staff has been assigned to project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/04/2006
Comments: District requested DTSC to assist the in solicitation of state funding by crafting a letter to CDE indicating that the removal actions on the school will take more than six months to complete.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/21/2007
Comments: DTSC received (via email), reviewed and approved the TM for arsenic characterization

Completed Area Name: Lead/PCB
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 03/28/2007
Comments: Received 2 copies of Fact Sheet. Uploaded document.

Completed Area Name: Lead/PCB
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 11/14/2005
Comments: Fast Sheet developed to announce the start of the public comment period for the lead RAW and the contamination identified on the site.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/26/2006
Comments: Not reported

Completed Area Name: Arsenic

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/15/2005
Comments: DTSC PM memo regarding the evaluation for concentrations of arsenic in the City Easement. Memo is part of a letter to the City of Burlingame.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/17/2004
Comments: Letter was constructed to encourage San Mateo Union HSD to enter into a VCA for the clean-up of elevated levels of arsenic found on the campus.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/20/2006
Comments: Established a new cost estimate to complete the remainder of the project. Cost estimate considered the oversight for the remainder of the lead/PCB removal, additional investigation of arsenic, the remediation of arsenic and project closure.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/20/2006
Comments: DTSC put an unofficial summary together of all of the arsenic investigation for discussion purposes only.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/01/2007
Comments: DTSC issued the Fact Sheet and public notice establishing the beginning of the public comment period. The public comment period will run from 10/5/07 - 11/05/07.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/15/2007
Comments: DTSC issued Status of Investigation for arsenic Letter.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 11/07/2007
Comments: DTSC issued a RAW approval and concurrently reponded to public comments regarding the RAW (in a separate but enclosed letter) and filed the NOE.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/02/2007

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

Comments: Following a comprehensive review of the laboratory reports on the soils to be used as fill material in the remediation at Burlingame High School, DTSC has approved the use of the proposed fill materials.
Not reported

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/18/2008
Comments: Not reported

Completed Area Name: Lead/PCB
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 10/27/2008
Comments: Not reported

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/03/2008
Comments: DTSC/District arsenic remediation meeting

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/28/2008
Comments: DTSC/District arsenic remediation meeting

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 09/10/2018
Comments: On Sept 10, 2018, DTSC approved the revised 2018 Arsenic Five-Year Summary Report and the updated O&M Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 09/05/2017
Comments: On September 5, 2017, DTSC reviewed and approved the BHS Annual Compliance letter via email. The 2017 Annual Compliance letter will be reported in the 2017-2018 Biennial Inspection Summary Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/20/2013
Comments: On August 20, 2013, DTSC notified the District about the Agreement manager change.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/29/2013
Comments: On January 29, 2013, DTSC completed the site certification.

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 07/07/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/04/2013
Comments: On December 2, 2013, DTSC was notified via email from Mr. Victor Talaveras (District's Arsenic Coordinator) that Building F (Home Economics Building) will be demolished which would impact Areas G and C identified in the DTSC-approved O&M Plan. The proposed schedule for the demolition work is from December 16, 2013 until January 24, 2014. Mr. Talaveras stated that the SOP included in the approved O&M Plan will be implemented for this project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/27/2015
Comments: On May 27, 2015, Sara Dwight (O&M Coordinator) notified DTSC via email that she will be leaving the District and Zeke Lyles will the POC until a new O&M coordinator is hired.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/02/2014
Comments: On October 2, 2014, DTSC sent the Annual Cost Estimate letter to the District.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 04/27/2007
Comments: DTSC approved the SSI report with a remediation required determination. A Removal Action Workplan (RAW) will be prepared to address arsenic impacted soils at the site.

Completed Area Name: Lead/PCB
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 12/19/2005
Comments: DTSC issued conditional approval. The newspaper did not run the public comment period notification as scheduled. Conditional approval allowed the District to move forward with the removal action for lead and PCBs with the undersanding that changes to the RAW may be neccessary if significant public comments are recevied. PCB clean-up goal is 0.3 mg/kg and lead clean-up goal is 255 mg/kg.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/12/2007
Comments: DTSC approval of temporary mitigation for cement slurry over City's

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

dirt easment area.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/06/2011
Comments: DTSC approved the 2010 Arsenic Annual Inspection summary Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/03/2012
Comments: On May 3, 2012, DTSC approved the Arsenic Annual Inspection Summary Report. This letter also identified two new areas of concern located at the Athletic Field area that will be included and managed under the O&M Plan.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 01/04/2013
Comments: On January 4, 2013, the County of San Mateo recorded the land use covenant for the Burlingame High School.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/10/2013
Comments: On July 10, 2013, DTSC participated on the annual site inspection with Victor Talavera and Patrick Sing (District), and Wes Hawthorne (Locus).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/18/2012
Comments: DTSC participated in the annual arsenic inspection at the Burlingame HS with Zeke Lyles and Wes Hawthorne. The Burlingame HS is still undergoing modernization. DTSC was notified by W. Hawthorne that Victor Talaveras (Arsenic Coordinator) is aware of the project and is monitoring the progress of the modernization project to ensure that if any of the areas of concern is impacted the proper SOP will be followed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/09/2014
Comments: On July 9, 2014, DTSC participated on the 5-Year review inspection of the cap at the site with the District representatives Sara Dwight (Arsenic Coordinator), Ricky Carrillo (Plant Manager), Wes Hawthorne (Locus Technologies). Cap measurements were taken at two areas in Area E and both areas meet or exceeds the minimum cap thickness.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

Completed Date:	08/21/2015
Comments:	On July 22, 2015, DTSC PM participated on the annual inspection with the District (Ricky Carrillo) and their consultant (Wes Hawthorne). This annual inspection will be reported in 2016 bi-annual summary report.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	06/14/2017
Comments:	On June 14, 2017, DTSC participated during the 2017 annual site inspection with the District representative (Robin Clemens) and their consultant (Locus Technologies, Wes Hawthorne). No cap issues were observed during the site inspection. The 2017 annual inspection will be reported on the 2018 biennial report.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	08/27/2009
Comments:	Project Manager Change
Completed Area Name:	Arsenic
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	06/28/2010
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	07/20/2011
Comments:	DTSC conducted the 2011 Annual Arsenic Inpection with Zeke Lyles, District's Arsenic Coordinator; J. Wesley Hawthorne (Locus Technologies), O&M Professional; and, George. The following were observed during the walkthrough: bare soils w/ mesh visible around some trees in Area E; some of the planters in Area F2 needs additional granite; Area C behind building C and by the library needs additional wood chips to fill bald spots around plants; a new building D is almost complete - need to verify if Area C is beneath the new building; some of the Area C around the gym that is not concreted needs woodchips to fill bald spots. Z. Lyles mentioned that after the ongoing modernization he is planning on putting concrete over the grassy area around the gym instead on maintaning the grass. The trees will stay and the root area will have bark as covering. Currently, area soil is exposed. During the site inspection Z. Lyles mentioned that the parking area in the south side of the site will be re-finished in the coming months. DTSC reminded them that Area G2 is part of the parking area and therefore there's a potential for arsenic in the soil. In addition, Z. Lyles also mentioned that the track area will also be modernized in the coming months. DTSC recommended that samples be taken & that the consultants follow the SOP included in the O&M plan.
Completed Area Name:	Arsenic
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Workplan

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

Completed Date: 06/02/2005
Comments: Not reported

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 04/06/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 12/23/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 08/07/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/05/2004
Comments: DTSC approved the PEA with further action required determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/07/2008
Comments: DTSC reviewed and determined that based on the analytical data provided, the decomposed granite from the Handley Ranch Quarry would not adversely impact the site and is suitable to use as fill material in Area B.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Plan
Completed Date: 09/10/2018
Comments: On Sept 10, 2018, DTSC approved the revised 2018 Arsenic Five-Year Summary Report and the updated O&M Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Plan
Completed Date: 06/17/2015
Comments: On June 9, 2015, DTSC approved the Updated O&M Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 06/20/2015
Comments: On June 20, 2015, the public notice for the completion of the Five-Year Review for the O&M activities was published in the San Mateo County Times.

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/28/2016
Comments: On September 28, 2016, DTSC approved the revised 2015-2016 Biennial Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/15/2016
Comments: On January 15, 2016, DTSC received the completed LUC Monitoring Checklist provided by R. Clemens via e-mail. The District's LUC reporting frequency is annually while the Inspection Summary Report frequency is biennial. DTSC has no comment on the LUC Monitoring Checklist. This Checklist will also be included in the 2016 Inspection Summary Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 08/23/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/06/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/13/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/29/2006
Comments: Not reported

Completed Area Name: Lead/PCB
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 11/10/2005
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Five-Year Review Reports
Future Due Date: 2026
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Five-Year Review Reports
Schedule Due Date: 12/14/2022
Schedule Revised Date: 11/14/2023

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

SCH:

Name:	BURLINGAME HIGH SCHOOL
Address:	400 CAROLAN AVENUE
City,State,Zip:	BURLINGAME, CA 94010-2708
Facility ID:	41820008
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	22
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Letitia Shen
Supervisor:	Jose Salcedo
Division Branch:	Cleanup Legacy Landfills
Site Code:	204083
Assembly:	21
Senate:	13
Special Program Status:	Not reported
Status:	Certified / Operation & Maintenance
Status Date:	08/04/2011
Restricted Use:	YES
Funding:	School District
Latitude:	37.58249
Longitude:	-122.3468
APN:	029-141-010, 029141010
Past Use:	UNKNOWN, SCHOOL - HIGH SCHOOL
Potential COC:	Arsenic, Lead, Polychlorinated biphenyls (PCBs
Confirmed COC:	Arsenic, , Polychlorinated biphenyls (PCBs, Polychlorinated biphenyls (PCBs, Lead
Potential Description:	SOIL, SOIL
Alias Name:	BURLINGAME HIGH SCHOOOL
Alias Type:	Alternate Name
Alias Name:	SAN MATEO UHSD-BURLINGAME HIGH
Alias Type:	Alternate Name
Alias Name:	SAN MATEO UNION HIGH SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	029-141-010
Alias Type:	APN
Alias Name:	029141010
Alias Type:	APN
Alias Name:	110021905143
Alias Type:	EPA (FRS #)
Alias Name:	204083
Alias Type:	Project Code (Site Code)
Alias Name:	41820008
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	12/27/2005
Comments:	Not reported

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

Completed Area Name: Lead/PCB
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/20/2005
Comments: Not reported

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 04/26/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 04/20/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 08/03/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/19/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/18/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/23/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 01/25/2007
Comments: Sharon received a draft response letter from the District that did not comply with the DNONC. Comments were written on the response; Additional internal meetings are needed to determine if an order will be issued.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 04/05/2007
Comments: Held a face-to-face meeting to discuss outstanding issues for the project: Schedule for remainder of activities; Discussion regarding

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

remediation in the planter boxes. Discussed a couple of options for the planter boxes; the District will include their final recommendation for their remediation in the arsenic RAW.

Completed Area Name: Lead/PCB
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 04/02/2007
Comments: Site Visit to oversee confirmation sampling for PCB remediation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/30/2007
Comments: Phone conference to discuss 1. Fact sheet; 2. Start of the Lead/PCB removal; 3. Recent arsenic characterization; 4. Meeting in DTSC Berkeley Office to develop the dates for the remaining of the remediation activities.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/22/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/08/2007
Comments: Meet with Kim, Diane and Mark to discuss the work notice Kim prepared for Burlingame. Based on the significant amount of time that has lapsed since the last communication from DTSC to the community, Fact Sheet was recommended instead of a work notice. It will include the dates of the PCB and lead removals as well as a date on the additional arsenic investigation. A reference will be made regarding the arsenic removal, but no specific date will be mentioned.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/01/2007
Comments: Project Team to discuss outstanding issues for project: fence the PCB area; financal capabilities of the District; look up the requirements for proper signage and will send it to Burlingame via email; Cost Estimates to complete all of the work at BHS- cost to complete the PCB and Lead removal actions, cost to completed and arsenic characterization; prepare another timeline of tasks that need to be completed; Stabalization of site press release and future fact sheets; Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 01/29/2007
Comments: Project team discussed Measure M (Proposition 39) that was passed in November 06 for $298,000,000. discussed if an Imminent and Substantial Endangerment order would appropriate to issue or , a

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

Determination of Non-Compliance (DoNC) or a Fence and Post on a temporary fence

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/26/2006
Comments: Meeting to discuss: the letter of proposed Determination of Non-Compliance was signed and sent to the District and the letter sent to the City of Burlingame (Jim Nantell) . The DNONC identified three thing: Completion of removal action for lead and PCBs around the main building and a submittal of a RACR; Submittal of an SSI to document the extent of arsenic-contamination on BHS; and submittal of a RAW to address the mitigation of arsenic. District to provide a response by January 17, 2007

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 10/12/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/25/2008
Comments: DTSC issued a letter to the District outlining the current status of the project and requesting a response to DTSC comments regarding the RACR and a schedule of mitigation activities.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/03/2009
Comments: Not reported

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 08/04/2009
Comments: DTSC issued a fully executed Operation and Maintenance Agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/04/2013
Comments: On October 2, 2013, DTSC received one hard copy of the revised 2013 Arsenic Annual Report; the e-copy was received via email on September 25, 2013.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/26/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Plan
Completed Date: 08/03/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 08/28/2020
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/20/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/15/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/16/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 11/05/2002
Comments: Not reported

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 09/06/2007
Comments: Office of Env. Planning & Analysis has approved the NOE. Division signatures will be added to the tracking form when the RAW is approved.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/01/2007
Comments: DTSC issued approval to begin construction on the rear athletic field. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/07/2020
Comments: 05/07/2020 District and Consultant completed Annual Inspection.

Completed Area Name: PROJECT WIDE

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/10/2020
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/13/2019
Comments: Project Manager Change Letter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/20/2021
Comments: Annual inspection took place with DTSC oversight

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 01/22/2020
Comments: 01/22/2020 mailed out 2019-2020 Annual Cost Estimate Burlingame HS (204083).pdf

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 05/17/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/31/2021
Comments: Completed

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/17/2008
Comments: DTSC/District arsenic remediation meeting

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/07/2008
Comments: DTSC reviewed and determined that based on the results of the analytical data provided, the decomposed granite from the Handley Ranch Quarry would not adversely impact the site and is suitable to use as fill material in Area B.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/13/2007
Comments: DTSC/District arsenic remediation meeting

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/15/2008
Comments: Not reported

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/27/2007
Comments: DTSC/District arsenic remediaiton meeting

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/06/2007
Comments: DTSC/Distict arsenic remediation meeting

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/29/2007
Comments: DTSC/District weekly remediation meeting

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/14/2008
Comments: DTSC/District arsenic remediation meeting

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Plan
Completed Date: 08/04/2011
Comments: On July 19, 2012, DTSC received the complete revised Final O&M Plan (July 10, 2012 version)

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/06/2010
Comments: DTSC approved the Removal Action Completion Report for arsenic impacted soils

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/27/2008
Comments: DTSC developed and approved the ESD for the project. The ESD serves as a bridging document to explain that a Land Use Covenant (LUC) is needed for the project, even though the LUC was not mentioned in the removal action workplan.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 01/07/2009

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 02/22/2012
Comments: On February 22, 2012, DTSC received a notification from the SMUHGD via e-mail indicating that Mr. Victor Talavera will be the new Arsenic Coordinator (replacing Mr. Ezekiel Lyles).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 07/17/2014
Comments: Final public notice for publishing before July 8, 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/07/2012
Comments: On September 4, 2012, DTSC approved the 2012 Annual Summary Inspection Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 12/09/2014
Comments: On December 3, 2014, DTSC approved the revised 5-year Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/23/2018
Comments: On May 23, 2018, PPS (K. Rasmussen) provided the final public notice (English and Spanish) fro publication.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 07/08/2020
Comments: 07/08/2020 DTSC email (dated 07/08/2020) 2019-2020 As Biennial Summ Rrt Approval Ltr.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 03/11/2019
Comments: End of Second Five-Year Review Public Notice posted in local newspaper.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/14/2018
Comments: On May 14, 2018, DTSC participated during the 2nd Five-Year Review site inspection of the capped areas at the BHS. As part of the five-year inspection, the cap thickness were measured at some areas;

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

the cap thickness were within the minimum requirements.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/14/2016
Comments: On June 14, 2016, DTSC participated during the annual O&M inspection with the District and their consultant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 05/21/2019
Comments: Completed site inspection.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/23/2006
Comments: Delays in Investigation letter to the School District. OLC has been contacted and staff has been assigned to project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/04/2006
Comments: District requested DTSC to assist the in solicitation of state funding by crafting a letter to CDE indicating that the removal actions on the school will take more than six months to complete.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/21/2007
Comments: DTSC received (via email), reviewed and approved the TM for arsenic characterization

Completed Area Name: Lead/PCB
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 03/28/2007
Comments: Received 2 copies of Fact Sheet. Uploaded document.

Completed Area Name: Lead/PCB
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 11/14/2005
Comments: Fast Sheet developed to announce the start of the public comment period for the lead RAW and the contamination identified on the site.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/26/2006
Comments: Not reported

Completed Area Name: Arsenic

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/15/2005
Comments: DTSC PM memo regarding the evaluation for concentrations of arsenic in the City Easement. Memo is part of a letter to the City of Burlingame.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/17/2004
Comments: Letter was constructed to encourage San Mateo Union HSD to enter into a VCA for the clean-up of elevated levels of arsenic found on the campus.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/20/2006
Comments: Established a new cost estimate to complete the remainder of the project. Cost estimate considered the oversight for the remainder of the lead/PCB removal, additional investigation of arsenic, the remediation of arsenic and project closure.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/20/2006
Comments: DTSC put an unofficial summary together of all of the arsenic investigation for discussion purposes only.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/01/2007
Comments: DTSC issued the Fact Sheet and public notice establishing the beginning of the public comment period. The public comment period will run from 10/5/07 - 11/05/07.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/15/2007
Comments: DTSC issued Status of Investigation for arsenic Letter.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 11/07/2007
Comments: DTSC issued a RAW approval and concurrently reponded to public comments regarding the RAW (in a separate but enclosed letter) and filed the NOE.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/02/2007

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

Comments:	Following a comprehensive review of the laboratory reports on the soils to be used as fill material in the remediation at Burlingame High School, DTSC has approved the use of the proposed fill materials. Not reported
Completed Area Name:	Arsenic
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	01/18/2008
Comments:	Not reported
Completed Area Name:	Lead/PCB
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	10/27/2008
Comments:	Not reported
Completed Area Name:	Arsenic
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	01/03/2008
Comments:	DTSC/District arsenic remediation meeting
Completed Area Name:	Arsenic
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	02/28/2008
Comments:	DTSC/District arsenic remediation meeting
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	5 Year Review Reports
Completed Date:	09/10/2018
Comments:	On Sept 10, 2018, DTSC approved the revised 2018 Arsenic Five-Year Summary Report and the updated O&M Plan.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction Monitoring Report
Completed Date:	09/05/2017
Comments:	On September 5, 2017, DTSC reviewed and approved the BHS Annual Compliance letter via email. The 2017 Annual Compliance letter will be reported in the 2017-2018 Biennial Inspection Summary Report.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	08/20/2013
Comments:	On August 20, 2013, DTSC notified the District about the Agreement manager change.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	01/29/2013
Comments:	On January 29, 2013, DTSC completed the site certification.

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Amendment - Order/Agreement
Completed Date:	07/07/2014
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	12/04/2013
Comments:	On December 2, 2013, DTSC was notified via email from Mr. Victor Talaveras (District's Arsenic Coordinator) that Building F (Home Economics Building) will be demolished which would impact Areas G and C identified in the DTSC-approved O&M Plan. The proposed schedule for the demolition work is from December 16, 2013 until January 24, 2014. Mr. Talaveras stated that the SOP included in the approved O&M Plan will be implemented for this project.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	05/27/2015
Comments:	On May 27, 2015, Sara Dwight (O&M Coordinator) notified DTSC via email that she will be leaving the District and Zeke Lyles will the POC until a new O&M coordinator is hired.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	10/02/2014
Comments:	On October 2, 2014, DTSC sent the Annual Cost Estimate letter to the District.

Completed Area Name:	Arsenic
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	04/27/2007
Comments:	DTSC approved the SSI report with a remediation required determination. A Removal Action Workplan (RAW) will be prepared to address arsenic impacted soils at the site.

Completed Area Name:	Lead/PCB
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	12/19/2005
Comments:	DTSC issued conditional approval. The newspaper did not run the public comment period notification as scheduled. Conditional approval allowed the District to move forward with the removal action for lead and PCBs with the undersanding that changes to the RAW may be neccessary if significant public comments are recevied. PCB clean-up goal is 0.3 mg/kg and lead clean-up goal is 255 mg/kg.

Completed Area Name:	Arsenic
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	03/12/2007
Comments:	DTSC approval of temporary mitigation for cement slurry over City's

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

dirt easment area.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/06/2011
Comments: DTSC approved the 2010 Arsenic Annual Inspection summary Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/03/2012
Comments: On May 3, 2012, DTSC approved the Arsenic Annual Inspection Summary Report. This letter also identified two new areas of concern located at the Athletic Field area that will be included and managed under the O&M Plan.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 01/04/2013
Comments: On January 4, 2013, the County of San Mateo recorded the land use covenant for the Burlingame High School.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/10/2013
Comments: On July 10, 2013, DTSC participated on the annual site inspection with Victor Talavera and Patrick Sing (District), and Wes Hawthorne (Locus).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/18/2012
Comments: DTSC participated in the annual arsenic inspection at the Burlingame HS with Zeke Lyles and Wes Hawthorne. The Burlingame HS is still undergoing modernization. DTSC was notified by W. Hawthorne that Victor Talaveras (Arsenic Coordinator) is aware of the project and is monitoring the progress of the modernization project to ensure that if any of the areas of concern is impacted the proper SOP will be followed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/09/2014
Comments: On July 9, 2014, DTSC participated on the 5-Year review inspection of the cap at the site with the District representatives Sara Dwight (Arsenic Coordinator), Ricky Carrillo (Plant Manager), Wes Hawthorne (Locus Technologies). Cap measurements were taken at two areas in Area E and both areas meet or exceeds the minimum cap thickness.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

Completed Date:	08/21/2015
Comments:	On July 22, 2015, DTSC PM participated on the annual inspection with the District (Ricky Carrillo) and their consultant (Wes Hawthorne). This annual inspection will be reported in 2016 bi-annual summary report.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	06/14/2017
Comments:	On June 14, 2017, DTSC participated during the 2017 annual site inspection with the District representative (Robin Clemens) and their consultant (Locus Technologies, Wes Hawthorne). No cap issues were observed during the site inspection. The 2017 annual inspection will be reported on the 2018 biennial report.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	08/27/2009
Comments:	Project Manager Change
Completed Area Name:	Arsenic
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	06/28/2010
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	07/20/2011
Comments:	DTSC conducted the 2011 Annual Arsenic Inpection with Zeke Lyles, District's Arsenic Coordinator; J. Wesley Hawthorne (Locus Technologies), O&M Professional; and, George. The following were observed during the walkthrough: bare soils w/ mesh visible around some trees in Area E; some of the planters in Area F2 needs additional granite; Area C behind building C and by the library needs additional wood chips to fill bald spots around plants; a new building D is almost complete - need to verify if Area C is beneath the new building; some of the Area C around the gym that is not concreted needs woodchips to fill bald spots. Z. Lyles mentioned that after the ongoing modernization he is planning on putting concrete over the grassy area around the gym instead on maintaning the grass. The trees will stay and the root area will have bark as covering. Currently, area soil is exposed. During the site inspection Z. Lyles mentioned that the parking area in the south side of the site will be re-finished in the coming months. DTSC reminded them that Area G2 is part of the parking area and therefore there's a potential for arsenic in the soil. In addition, Z. Lyles also mentioned that the track area will also be modernized in the coming months. DTSC recommended that samples be taken & that the consultants follow the SOP included in the O&M plan.
Completed Area Name:	Arsenic
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Workplan

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

Completed Date: 06/02/2005
Comments: Not reported

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 04/06/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 12/23/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 08/07/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/05/2004
Comments: DTSC approved the PEA with further action required determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/07/2008
Comments: DTSC reviewed and determined that based on the analytical data provided, the decomposed granite from the Handley Ranch Quarry would not adversely impact the site and is suitable to use as fill material in Area B.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Plan
Completed Date: 09/10/2018
Comments: On Sept 10, 2018, DTSC approved the revised 2018 Arsenic Five-Year Summary Report and the updated O&M Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Plan
Completed Date: 06/17/2015
Comments: On June 9, 2015, DTSC approved the Updated O&M Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 06/20/2015
Comments: On June 20, 2015, the public notice for the completion of the Five-Year Review for the O&M activities was published in the San Mateo County Times.

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/28/2016
Comments: On September 28, 2016, DTSC approved the revised 2015-2016 Biennial Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/15/2016
Comments: On January 15, 2016, DTSC received the completed LUC Monitoring Checklist provided by R. Clemens via e-mail. The District's LUC reporting frequency is annually while the Inspection Summary Report frequency is biennial. DTSC has no comment on the LUC Monitoring Checklist. This Checklist will also be included in the 2016 Inspection Summary Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 08/23/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/06/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/13/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/29/2006
Comments: Not reported

Completed Area Name: Lead/PCB
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 11/10/2005
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Five-Year Review Reports
Future Due Date: 2026
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Five-Year Review Reports
Schedule Due Date: 12/14/2022
Schedule Revised Date: 11/14/2023

BURLINGAME HIGH SCHOOL (Continued) **S103986521**

DEED:
Name: BURLINGAME HIGH SCHOOL
Address: 400 CAROLAN AVENUE
City,State,Zip: BURLINGAME, CA
Envirostor ID: 41820008
Area: ARSENIC
Sub Area: Not reported
Site Type: SCHOOL CLEANUP
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

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62 **ROYALE RUG & DRAPERY CLEANING** **ENVIROSTOR** **S100932195**
SSE **850 N. DELAWARE** **San Mateo Co. BI** **N/A**
1/2-1 **SAN MATEO, CA 94401**
0.824 mi.
4352 ft.

Relative:
Higher

Actual:
25 ft.

ENVIROSTOR:
Name: ROYALE RUG & DRAPERY CLEANING
Address: 850 N. DELAWARE
City,State,Zip: SAN MATEO, CA 94401
Facility ID: 41720099
Status: Refer: Other Agency
Status Date: 07/29/1994
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0.04
NPL: NO
Regulatory Agencies: SAN MATEO COUNTY
Lead Agency: SAN MATEO COUNTY
Program Manager: Not reported
Supervisor: Denise Tsuji
Division Branch: Cleanup Berkeley
Assembly: 21
Senate: 13
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.57995
Longitude: -122.3331
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 41720099
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 10/15/1980

ROYALE RUG & DRAPERY CLEANING (Continued) **S100932195**

Comments: FACILITY IDENTIFIED ACTIVE SITE ID'D BY DRIVE BY

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 08/18/2003
Comments: Site screening completed. The local agency permits and oversee activities at the site.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

San Mateo Co. BI:
Name: HOLIDAY CLEANERS
Address: 850 DELAWARE
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0058159
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0080649
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: HOLIDAY CLEANERS
Address: 850 DELAWARE
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0058159
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0080648
Description: GENERATES <27 GAL/YEAR
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: HOLIDAY CLEANERS
Address: 850 DELAWARE
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0005322
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0003419
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: HOLIDAY CLEANERS
Address: 850 DELAWARE
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO

ROYALE RUG & DRAPERY CLEANING (Continued) **S100932195**

Facility ID:	FA0005322
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0010713
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM
Name:	HOLIDAY CLEANERS
Address:	850 DELAWARE
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0005322
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0068685
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

63
West
1/2-1
0.941 mi.
4968 ft.

BROWNING-FERRIS INDUSTRIES **ENVIROSTOR** **S100186218**
AIRPORT BOULEVARD NEAR BROADWAY **N/A**
BURLINGAME, CA 94010

Relative:
Lower

Actual:
8 ft.

ENVIROSTOR:

Name:	BROWNING-FERRIS INDUSTRIES
Address:	AIRPORT BOULEVARD NEAR BROADWAY
City,State,Zip:	BURLINGAME, CA 94010
Facility ID:	41490050
Status:	Refer: RWQCB
Status Date:	06/30/1985
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Berkeley
Assembly:	21
Senate:	13
Special Program:	* Site Char & Assess Grant (CERCLA 104)
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.59100
Longitude:	-122.3591
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	* HOUSEHOLD WASTES * BIOLOGICAL WASTE OTHER THAN SEWAGE SLUDGE * Sludge - Sewage
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	BROWNING-FERRIS INDUSTRIES INC
Alias Type:	Alternate Name
Alias Name:	SAN MATEO DISPOSAL, SUB OF BROWNING-FERR

BROWNING-FERRIS INDUSTRIES (Continued) **S100186218**

Alias Type: Alternate Name
Alias Name: CAD980636955
Alias Type: EPA Identification Number
Alias Name: 41490050
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 06/30/1985
Comments: Preliminary Assessment: Years of operation are 1937 to present (closed to public now). Telephone conversation with A. Rebarchik (415)342-8931 (02/25/83) - Class II Sanitary Landfill. Harding Lawson & Associates contracted with City. Report (10/27/83) shows high concentrations of ammonia and organic carbon is leachate. Preliminary Assessment (Cercla 104) submitted to EPA. Currently, RWQCB regulates the site and requires groundwater monitoring.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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64 **ALIOTO'S GARAGE - SAN MATEO** **ENVIROSTOR** **S103994250**
SSE **815 WOODSIDE WAY** **San Mateo Co. BI** **N/A**
1/2-1 **SAN MATEO, CA 94401** **EMI**
0.963 mi.
5086 ft.

Relative:
Higher

Actual:
33 ft.

ENVIROSTOR:
Name: STEVEN'S CAR CAPITAL
Address: 815 WOODSIDE WAY
City,State,Zip: SAN MATEO, CA 94401
Facility ID: 41750034
Status: No Further Action
Status Date: 08/30/2002
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 1
NPL: NO
Regulatory Agencies: SAN MATEO COUNTY
Lead Agency: SAN MATEO COUNTY
Program Manager: Not reported
Supervisor: Denise Tsuji
Division Branch: Cleanup Berkeley
Assembly: 21
Senate: 13
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported

ALIOTO'S GARAGE - SAN MATEO (Continued) **S103994250**

Latitude: 37.57696
Longitude: -122.3360
APN: 032122120
Past Use: PAINT/DEPAINT FACILITY
Potential COC: Arsenic Total Chromium (1:6 ratio Cr VI:Cr III Lead Zinc
Confirmed COC: Arsenic Total Chromium (1:6 ratio Cr VI:Cr III Lead Zinc
Potential Description: SOIL
Alias Name: 032122120
Alias Type: APN
Alias Name: 110010466744
Alias Type: EPA (FRS #)
Alias Name: 41750034
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 04/03/1981
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 08/30/2002
Comments: No action required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/07/1987
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

San Mateo Co. BI:
Name: AUTO WORKS
Address: 815 WOODSIDE
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016464
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0023089
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: PARAMOUNT COLLISION
Address: 815 WOODSIDE

ALIOTO'S GARAGE - SAN MATEO (Continued) **S103994250**

City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0017023
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0010661
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: PARAMOUNT COLLISION
Address: 815 WOODSIDE
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0017023
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0003289
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: PARAMOUNT COLLISION
Address: 815 WOODSIDE
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0017023
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068760
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

EMI:
Name: ALIOTO'S GARAGE - SAN MATEO
Address: 815 WOODSIDE WAY
City,State,Zip: SAN MATEO, CA 94401
Year: 2021
County Code: 41
Air Basin: SF
Facility ID: 9666
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2.991000087
Reactive Organic Gases Tons/Yr: 2.9548089859
Carbon Monoxide Emissions Tons/Yr: Not reported
NOX - Oxides of Nitrogen Tons/Yr: Not reported
SOX - Oxides of Sulphur Tons/Yr: Not reported
Particulate Matter Tons/Yr: Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr: Not reported

65
South
1/2-1
0.994 mi.
5246 ft.

PACIFIC READY-MIX
850 NORTH SAN MATEO DRIVE
SAN MATEO, CA 94401

ENVIROSTOR
LUST

S101482212
N/A

Relative:
Higher

Actual:
33 ft.

ENVIROSTOR:

Name:	PACIFIC READY-MIX
Address:	850 NORTH SAN MATEO DRIVE
City,State,Zip:	SAN MATEO, CA 94401
Facility ID:	41320028
Status:	Refer: Other Agency
Status Date:	03/25/2002
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	3.6
NPL:	NO
Regulatory Agencies:	SAN MATEO COUNTY
Lead Agency:	SAN MATEO COUNTY
Program Manager:	Not reported
Supervisor:	Denise Tsuji
Division Branch:	Cleanup Berkeley
Assembly:	21
Senate:	13
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.57666
Longitude:	-122.3383
APN:	NONE SPECIFIED
Past Use:	MANUFACTURING - OTHER
Potential COC:	TPH-diesel TPH-gas TPH-MOTOR OIL
Confirmed COC:	TPH-diesel TPH-gas TPH-MOTOR OIL
Potential Description:	OTH, SOIL
Alias Name:	41320028
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	08/15/1980
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	03/25/2002
Comments:	Site screening completed. Site referred to San Mateo County Health Services Department.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	11/07/1991
Comments:	Not reported
Completed Area Name:	PROJECT WIDE

PACIFIC READY-MIX (Continued) **S101482212**

Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/27/1987
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SAN MATEO CO. LUST:
Name: PACIFIC READY MIX
Address: 850 SAN MATEO DR
City,State,Zip: SAN MATEO, CA
Region: SAN MATEO
Facility ID: 110006
Facility Status: 9- Case Closed
Global ID: T0608100382
APN Number: Not reported
Case Type: SAN MATEO, CA
EDR Link ID: SAN MATEO, CA

LUST:
Name: PACIFIC READY MIX
Address: 850 SAN MATEO
City,State,Zip: SAN MATEO, CA 94401
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100382
Global Id: T0608100382
Latitude: 37.5767763359085
Longitude: -122.337915603705
Status: Completed - Case Closed
Status Date: 08/31/2001
Case Worker: Not reported
RB Case Number: 41-0401
Local Agency: Not reported
File Location: Local Agency Warehouse
Local Case Number: 110006
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel
EPA Region: 9
Coordinate Source: Google Map Move
Cuf Case: NO
Quantity Released Gallons: 0
Begin Date: 04/13/1988
Leak Reported Date: 04/13/1988
How Discovered: Other Means
How Discovered Description: Not reported
Discharge Source: Not reported
Discharge Cause: Not reported

PACIFIC READY-MIX (Continued) **S101482212**

Stop Method:	Other Means
Stop Description:	Not reported
No Further Action Date:	08/31/2001
CA Water Watershed Name:	South Bay - San Mateo Bayside (204.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - San Mateo Plain (2-009.03)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	41-45%
CA Enviroscreen 4 Score:	40-45%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0608100382
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608100382
Contact Type:	Regional Board Caseworker
Contact Name:	UUU
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0608100382
Action Type:	ENFORCEMENT
Date:	11/20/2008
Action:	Email Correspondence

Global Id:	T0608100382
Action Type:	ENFORCEMENT
Date:	05/25/2011
Action:	Email Correspondence

Global Id:	T0608100382
Action Type:	ENFORCEMENT
Date:	09/05/2008
Action:	Technical Correspondence / Assistance / Other

Global Id:	T0608100382
Action Type:	ENFORCEMENT
Date:	11/20/2008
Action:	Staff Letter

Global Id:	T0608100382
Action Type:	RESPONSE
Date:	11/01/2006
Action:	Other Report / Document

PACIFIC READY-MIX (Continued) **S101482212**

Global Id: T0608100382
Action Type: ENFORCEMENT
Date: 12/21/1988
Action: Notice of Responsibility - #1

Global Id: T0608100382
Action Type: RESPONSE
Date: 02/28/2012
Action: Other Report / Document

Global Id: T0608100382
Action Type: Other
Date: 04/13/1988
Action: Leak Discovery

Global Id: T0608100382
Action Type: Other
Date: 04/13/1988
Action: Leak Reported

Global Id: T0608100382
Action Type: ENFORCEMENT
Date: 04/20/1987
Action: Technical Correspondence / Assistance / Other

Global Id: T0608100382
Action Type: ENFORCEMENT
Date: 11/01/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0608100382
Action Type: ENFORCEMENT
Date: 11/01/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0608100382
Action Type: ENFORCEMENT
Date: 03/02/2005
Action: Technical Correspondence / Assistance / Other

Global Id: T0608100382
Action Type: ENFORCEMENT
Date: 09/28/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0608100382
Action Type: ENFORCEMENT
Date: 11/01/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0608100382
Action Type: ENFORCEMENT
Date: 09/21/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0608100382
Action Type: ENFORCEMENT

PACIFIC READY-MIX (Continued) **S101482212**

Date: 11/01/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0608100382
Action Type: ENFORCEMENT
Date: 09/13/2006
Action: Technical Correspondence / Assistance / Other

LUST:
Global Id: T0608100382
Status: Open - Case Begin Date
Status Date: 04/13/1988

Global Id: T0608100382
Status: Completed - Case Closed
Status Date: 08/31/2001

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BURLINGAME	S126984336	CITY OF BURLINGAME SLUDGE PONDS	AIRPORT BLVD NEAR BROADWAY	94010	SWF/LF

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 06/23/2023
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 09/26/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 08/03/2023
Date Data Arrived at EDR: 08/07/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 64

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/12/2023
Date Data Arrived at EDR: 06/20/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 55

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/25/2023
Date Made Active in Reports: 10/11/2023
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/24/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/25/2023
Date Made Active in Reports: 10/11/2023
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/24/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/07/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/26/2023
Number of Days to Update: 79

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/07/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/22/2023
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/28/2023
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 82

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 08/10/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/28/2023
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/28/2023
Number of Days to Update: 83

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 09/07/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/25/2023
Date Made Active in Reports: 10/11/2023
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/24/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 06/14/2023
Date Data Arrived at EDR: 06/14/2023
Date Made Active in Reports: 09/06/2023
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 04/06/2023
Date Data Arrived at EDR: 04/13/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 08/30/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/28/2023
Number of Days to Update: 83

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 11/16/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/13/2023
Number of Days to Update: 83

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/28/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/23/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 10/28/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/25/2023
Date Made Active in Reports: 10/11/2023
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/24/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2022
Date Made Active in Reports: 02/09/2023
Number of Days to Update: 71

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

CERS HAZ WASTE: California Environmental Reporting System Hazardous Waste

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 07/17/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/06/2023
Number of Days to Update: 80

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 10/17/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 08/04/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/25/2023
Number of Days to Update: 78

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 07/17/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/06/2023
Number of Days to Update: 80

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/17/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/22/2023
Date Data Arrived at EDR: 08/24/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 75

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/21/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 08/28/2023
Date Data Arrived at EDR: 08/29/2023
Date Made Active in Reports: 11/13/2023
Number of Days to Update: 76

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 11/22/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/18/2023
Date Data Arrived at EDR: 09/20/2023
Date Made Active in Reports: 11/14/2023
Number of Days to Update: 55

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 06/01/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/05/2023
Number of Days to Update: 79

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/22/2023
Number of Days to Update: 77

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/22/2023
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 08/07/2023
Date Data Arrived at EDR: 08/15/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 56

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/10/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/09/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/19/2023
Date Data Arrived at EDR: 06/20/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 55

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 10/31/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/03/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/15/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 08/18/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 81

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/13/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 07/17/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 84

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/09/2023
Date Data Arrived at EDR: 06/29/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 09/26/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 66

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/06/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 09/27/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/20/2023
Date Data Arrived at EDR: 09/01/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 19
Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 04/14/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 87
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 11/27/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 11/27/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/03/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 09/22/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2023
Date Data Arrived at EDR: 07/19/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 83

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/02/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/09/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2023
Date Data Arrived at EDR: 08/22/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 77

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data
Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing
This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/20/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing
Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/20/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/20/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/13/2023
Date Data Arrived at EDR: 06/14/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 61

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 11/28/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/03/2023
Date Data Arrived at EDR: 11/08/2023
Date Made Active in Reports: 11/20/2023
Number of Days to Update: 12

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/24/2023
Date Data Arrived at EDR: 06/29/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/15/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 10/20/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 82

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 09/13/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/14/2023
Date Data Arrived at EDR: 08/15/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 65

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/10/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 10/23/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 09/28/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: No Update Planned

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 09/28/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 07/16/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing
A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing
Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/28/2023
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6
Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CHROME PLATING: Chrome Plating Facilities Listing
This listing represents chrome plating facilities the California State Water Resources Control Board staff identified as possibly being a source of Per- and polyfluoroalkyl substance (PFAS) contamination. Sites and locations were identified by staff with the Division of Water Quality in the California State Water Board. Data was collected from the CA Air Resources Board 2013 and 2018 - Cr VI emission survey, CA Emission Inventory, CA HAZ Waste discharge database and by reviewing storm water permits. Former chrome plating sites are also included that are open site investigation or remediation cases with the Regional Water Quality Control Boards and the Department of Toxic Substances Control.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82
Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 06/14/2023
Date Data Arrived at EDR: 06/14/2023
Date Made Active in Reports: 09/06/2023
Number of Days to Update: 84
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 03/31/2023
Date Data Arrived at EDR: 05/08/2023
Date Made Active in Reports: 07/31/2023
Number of Days to Update: 84

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 11/09/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Varies

DRYCLEAN FEATHER RIVER DIST: Feather River Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Feather River Air Quality Management District.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 06/05/2023
Number of Days to Update: 88

Source: Feather River Air Quality Management District
Telephone: 530-634-7659
Last EDR Contact: 06/08/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 08/18/2023
Date Data Arrived at EDR: 08/18/2023
Date Made Active in Reports: 11/01/2023
Number of Days to Update: 75

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 11/13/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 08/22/2023
Date Data Arrived at EDR: 08/24/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 75

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 11/21/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Varies

DRYCLEAN SAN JOAQ VAL DIST: San Joaquin Valley Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Joaquin Valley Air Pollution Control District.

Date of Government Version: 05/24/2023
Date Data Arrived at EDR: 05/30/2023
Date Made Active in Reports: 08/21/2023
Number of Days to Update: 83

Source: San Joaquin Valley Air Pollution Control District
Telephone: 559-230-6001
Last EDR Contact: 05/11/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN EAST KERN DIST: Eastern Kern Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Eastern Kern Air Pollution Control District.

Date of Government Version: 01/12/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 79

Source: Eastern Kern Air Pollution Control District
Telephone: 661-862-9684
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN IMPERIAL CO DIST: Imperial County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Imperial County Air Pollution Control District

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 79

Source: Imperial County Air Pollution Control District
Telephone: 442-265-1800
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MENDO CO DIST: Mendocino County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mendocino County Air Quality Management District.

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/28/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 77
Source: Mendocino County Air Quality Management District
Telephone: 707-463-4354
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MOJAVE DESERT DIST: Mojave Desert Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mojave Desert Air Quality Management District.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 78
Source: Mojave Desert Air Quality Management District
Telephone: 760-245-1661
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MONTEREY BAY DIST: Monterey Bay Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Monterey Bay Air Quality Management District.

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 79
Source: Monterey Bay Air Quality Management District
Telephone: 831-647-9411
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SHASTA CO DIST: Shasta County Air Quality Management District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Shasta County Air Quality Management District.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 78
Source: Shasta County Air Quality Management District
Telephone: 530-225-5674
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN YOLO-SOLANO DIST: Yolo-Solano Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Yolo-Solano Air Quality Management District.

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 78
Source: Yolo-Solano Air Quality Management District
Telephone: 530-757-3650
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN PLACER CO DIST: Placer County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Placer County Air Quality Management District.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 05/17/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 89
Source: Placer County Air Quality Management District
Telephone: 530-745-2335
Last EDR Contact: 05/11/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN BAY AREA DIST: Bay Area Air Quality Management District Drycleaner Facility Listing
Bay Area Air Quality Management District Drycleaner Facility Listing.

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1432
Source: Bay Area Air Quality Management District
Telephone: 415-516-1916
Last EDR Contact: 07/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN BUTTE CO DIST: Butte County Air Quality Management DistrictDrycleaner Facility Listing
Butte County Air Quality Management DistrictDrycleaner Facility Listing.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1469
Source: Butte County Air Quality Management District
Telephone: 530-332-9400
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN CALAVERAS CO DIST: Calaveras County Environmental Management Agency Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Calaveras County Environmental Management Agency.

Date of Government Version: 06/17/2019
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1412
Source: Calaveras County Environmental Management Agency
Telephone: 209-754-6399
Last EDR Contact: 04/24/2023
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

DRYCLEAN GRANT: Grant Recipients List
Assembly Bill 998 (AB 998) established the Non-Toxic Dry Cleaning Incentive Program to provide financial assistance to the dry cleaning industry to switch from systems using perchloroethylene (Perc), an identified toxic air contaminant and potential human carcinogen, to non-toxic and non-smog forming alternatives.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 02/04/2021
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 816
Source: California Air Resources Board
Telephone: 916-323-0006
Last EDR Contact: 10/28/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

DRYCLEAN LAKE CO DIST: Lake County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Lake County Air Quality Management District,

Date of Government Version: 04/29/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1455
Source: Lake County Air Quality Management District
Telephone: 707-263-7000
Last EDR Contact: 05/11/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN NO COAST UNIFIED DIST: North Coast Unified Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the North Coast Unified Air Quality Management District.

Date of Government Version: 11/30/2016
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1473
Source: North Coast Unified Air Quality Management District
Telephone: 707-443-3093
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN NO SIERRA DIST: Northern Sierra Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sierra Air Quality Management District,

Date of Government Version: 05/07/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1455
Source: Northern Sierra Air Quality Management District
Telephone: 530-274-9350
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN NO SONOMA CO DIST: Norther Sonoma County County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sonoma County Air Pollution Control District.,

Date of Government Version: 04/17/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475
Source: Santa Barbara County Air Pollution Control District
Telephone: 707-433-5911
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SANTA BARB CO DIST: Santa Barbara County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Santa Barbara County Air Pollution Control District.

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475
Source: Santa Barbara County Air Pollution Control District
Telephone: 805-961-8867
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN TEHAMA CO DIST: Tehama County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Tehama County Air Pollution Control District.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1468
Source: Tehama County Air Pollution Control District
Telephone: 530-527-3717
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN VENTURA CO DIST: Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Ventura County Air Pollution Control District.

Date of Government Version: 04/16/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475
Source: Ventura County Air Pollution Control District
Telephone: 805-645-1421
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SACRAMENTO METO DIST: Sacramento Metropolitan Air Quality Management DistrictDrycleaner Facility Listing
A listing of drycleaner facility locations, for the Sacramento Metropolitan Air Quality Management District.

Date of Government Version: 08/15/2023
Date Data Arrived at EDR: 08/17/2023
Date Made Active in Reports: 10/31/2023
Number of Days to Update: 75
Source: Sacramento Metropolitan Air Quality Management District
Telephone: 916-874-3958
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN AMADOR: Amador Air District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Amador Air Quality Management District

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77
Source: Amador Air Quality Management District
Telephone: 209-257-0112
Last EDR Contact: 04/24/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/31/2023
Date Data Arrived at EDR: 09/08/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 80
Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 11/21/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Annually

DRYCLEAN GLENN CO DIST: Glenn County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Glenn County Air Pollution Control District.

Date of Government Version: 05/02/2023
Date Data Arrived at EDR: 05/03/2023
Date Made Active in Reports: 07/25/2023
Number of Days to Update: 83

Source: Glenn County Air Pollution Control District
Telephone: 530-934-6500
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN DIEGO CO DIST: San Diego County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Diego County Air Pollution Control District.

Date of Government Version: 08/08/2023
Date Data Arrived at EDR: 08/09/2023
Date Made Active in Reports: 10/26/2023
Number of Days to Update: 78

Source: San Diego County Air Pollution Control District
Telephone: 858-586-2616
Last EDR Contact: 08/08/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN LUIS OB CO DIST: San Luis Obispo County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Luis Obispo County Air Pollution Control District.

Date of Government Version: 07/26/2023
Date Data Arrived at EDR: 07/27/2023
Date Made Active in Reports: 10/13/2023
Number of Days to Update: 78

Source: San Luis Obispo County Air Pollution Control District
Telephone: 805-781-5756
Last EDR Contact: 07/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 06/09/2023
Date Made Active in Reports: 08/30/2023
Number of Days to Update: 82

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 09/15/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 07/17/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/05/2023
Number of Days to Update: 79

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 10/17/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 09/13/2023
Date Data Arrived at EDR: 09/14/2023
Date Made Active in Reports: 09/21/2023
Number of Days to Update: 7

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 09/13/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/03/2023
Date Data Arrived at EDR: 08/16/2023
Date Made Active in Reports: 11/01/2023
Number of Days to Update: 77

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/13/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Varies

ICE: Inspection, Compliance and Enforcement
Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/14/2023
Date Data Arrived at EDR: 08/14/2023
Date Made Active in Reports: 10/31/2023
Number of Days to Update: 78
Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 11/10/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List
The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/14/2023
Date Data Arrived at EDR: 08/14/2023
Date Made Active in Reports: 10/31/2023
Number of Days to Update: 78
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/10/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database
A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 06/29/2023
Date Data Arrived at EDR: 06/29/2023
Date Made Active in Reports: 09/19/2023
Number of Days to Update: 82
Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Quarterly

HWTS: Hazardous Waste Tracking System
DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 08/04/2023
Date Data Arrived at EDR: 08/09/2023
Date Made Active in Reports: 10/26/2023
Number of Days to Update: 78
Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 09/27/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data
Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 07/05/2022
Date Made Active in Reports: 09/19/2022
Number of Days to Update: 76
Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/05/2022
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Annually

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 08/08/2023
Date Data Arrived at EDR: 08/29/2023
Date Made Active in Reports: 11/13/2023
Number of Days to Update: 76
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 11/22/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 08/07/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/26/2023
Number of Days to Update: 79
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/07/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 08/28/2023
Date Data Arrived at EDR: 08/29/2023
Date Made Active in Reports: 11/13/2023
Number of Days to Update: 76
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 11/22/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 09/07/2023
Date Data Arrived at EDR: 09/08/2023
Date Made Active in Reports: 11/28/2023
Number of Days to Update: 81
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 09/07/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82
Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Annually

SANTA CRUZ CO SITE MITI: Site Mitigation Listing
Sites may become contaminated with toxic chemicals through illegal dumping or disposal, from leaking underground storage tanks, or through industrial or commercial activities.The goal of the site mitigation program is to protect the public health and the environment while facilitating completion of contaminated site clean-up projects in a timely manner.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 20
Source: Santa Cruz Environmental Health Services
Telephone: 831-454-2761
Last EDR Contact: 11/16/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/28/2023
Number of Days to Update: 83
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region’s active disposal pits are operating without permission.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 10/06/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/10/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing
In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/28/2023
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System
The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 08/28/2023
Date Data Arrived at EDR: 08/29/2023
Date Made Active in Reports: 11/13/2023
Number of Days to Update: 76

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 11/22/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data
The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 07/17/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/06/2023
Number of Days to Update: 80

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/17/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)
Non-Case Information sites

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)
Other Oil & Gas Projects sites

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites
A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 09/27/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 06/27/2023
Date Data Arrived at EDR: 06/28/2023
Date Made Active in Reports: 09/14/2023
Number of Days to Update: 78

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 09/27/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 09/27/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 06/27/2023
Date Data Arrived at EDR: 06/28/2023
Date Made Active in Reports: 09/14/2023
Number of Days to Update: 78

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/20/2023
Date Made Active in Reports: 10/05/2023
Number of Days to Update: 77

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 08/02/2023
Date Data Arrived at EDR: 08/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 77

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/08/2022
Date Data Arrived at EDR: 08/09/2022
Date Made Active in Reports: 09/01/2022
Number of Days to Update: 23

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/28/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 72

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 09/28/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 07/11/2023
Date Data Arrived at EDR: 07/12/2023
Date Made Active in Reports: 09/26/2023
Number of Days to Update: 76

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 07/26/2023
Date Data Arrived at EDR: 07/27/2023
Date Made Active in Reports: 08/09/2023
Number of Days to Update: 13

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 07/26/2023
Date Data Arrived at EDR: 07/27/2023
Date Made Active in Reports: 08/03/2023
Number of Days to Update: 7

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List

Cupa facility list

Date of Government Version: 10/27/2023
Date Data Arrived at EDR: 11/01/2023
Date Made Active in Reports: 11/21/2023
Number of Days to Update: 20

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List

Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 09/07/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 06/21/2023
Date Data Arrived at EDR: 06/28/2023
Date Made Active in Reports: 09/14/2023
Number of Days to Update: 78

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 09/27/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/10/2023
Date Data Arrived at EDR: 07/10/2023
Date Made Active in Reports: 09/27/2023
Number of Days to Update: 79

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/09/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 01/12/2023
Date Made Active in Reports: 03/29/2023
Number of Days to Update: 76

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/19/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills
This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/13/2023
Date Data Arrived at EDR: 07/13/2023
Date Made Active in Reports: 09/27/2023
Number of Days to Update: 76

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory
A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 06/20/2023
Date Data Arrived at EDR: 06/22/2023
Date Made Active in Reports: 08/09/2023
Number of Days to Update: 48

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 06/20/2023
Date Data Arrived at EDR: 06/22/2023
Date Made Active in Reports: 09/12/2023
Number of Days to Update: 82
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 03/02/2023
Date Data Arrived at EDR: 04/18/2023
Date Made Active in Reports: 07/07/2023
Number of Days to Update: 80
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 10/17/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65
Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/12/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 06/13/2023
Number of Days to Update: 42
Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72
Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 09/21/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/13/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/25/2023
Date Data Arrived at EDR: 08/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 77

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 11/13/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/13/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/13/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/21/2023
Date Data Arrived at EDR: 07/25/2023
Date Made Active in Reports: 10/11/2023
Number of Days to Update: 78

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/09/2023
Number of Days to Update: 9

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/09/2023
Number of Days to Update: 9

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 04/01/2023
Date Data Arrived at EDR: 05/18/2023
Date Made Active in Reports: 06/14/2023
Number of Days to Update: 27

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 11/09/2023
Date Data Arrived at EDR: 11/09/2023
Date Made Active in Reports: 11/21/2023
Number of Days to Update: 12

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/10/2023
Date Data Arrived at EDR: 07/11/2023
Date Made Active in Reports: 09/26/2023
Number of Days to Update: 77

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/07/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 07/10/2023
Date Data Arrived at EDR: 07/11/2023
Date Made Active in Reports: 09/26/2023
Number of Days to Update: 77

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/07/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/16/2023
Number of Days to Update: 85

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 09/25/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/09/2022
Date Made Active in Reports: 03/01/2023
Number of Days to Update: 82

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 09/25/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 05/02/2023
Date Data Arrived at EDR: 05/04/2023
Date Made Active in Reports: 07/25/2023
Number of Days to Update: 82

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 10/18/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 08/15/2023
Date Data Arrived at EDR: 08/16/2023
Date Made Active in Reports: 11/01/2023
Number of Days to Update: 77

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 10/26/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database
The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 08/28/2023
Date Data Arrived at EDR: 08/29/2023
Date Made Active in Reports: 11/13/2023
Number of Days to Update: 76

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 11/27/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 04/04/2023
Date Data Arrived at EDR: 04/05/2023
Date Made Active in Reports: 06/27/2023
Number of Days to Update: 83

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing
A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24
Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 11/21/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 08/04/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/26/2023
Number of Days to Update: 79
Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 08/04/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/25/2023
Number of Days to Update: 78
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

SAN FRANCISO COUNTY:

SAN FRANCISCO MAHER: Maher Ordinance Property Listing
a listing of properties that fall within a Maher Ordinance, for all of San Francisco

Date of Government Version: 07/17/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/05/2023
Number of Days to Update: 79
Source: San Francisco Planning
Telephone: 628-652-7483
Last EDR Contact: 10/17/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/07/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 08/09/2023
Date Data Arrived at EDR: 08/10/2023
Date Made Active in Reports: 10/27/2023
Number of Days to Update: 78

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/08/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 11/28/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 11/07/2023
Date Data Arrived at EDR: 11/08/2023
Date Made Active in Reports: 11/16/2023
Number of Days to Update: 8

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 10/31/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/13/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: No Update Planned

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/21/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/21/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/10/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 08/03/2023
Date Data Arrived at EDR: 08/24/2023
Date Made Active in Reports: 09/12/2023
Number of Days to Update: 19

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 11/21/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 08/01/2023
Date Data Arrived at EDR: 08/02/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 78

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 07/11/2023
Date Data Arrived at EDR: 07/12/2023
Date Made Active in Reports: 09/26/2023
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 10/07/2022
Date Data Arrived at EDR: 10/07/2022
Date Made Active in Reports: 12/21/2022
Number of Days to Update: 75

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 06/26/2023
Date Data Arrived at EDR: 07/20/2023
Date Made Active in Reports: 10/03/2023
Number of Days to Update: 75

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/16/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/21/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 06/26/2023
Date Data Arrived at EDR: 07/25/2023
Date Made Active in Reports: 10/13/2023
Number of Days to Update: 80

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/16/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/28/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/28/2023
Number of Days to Update: 83
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 04/03/2023
Date Data Arrived at EDR: 04/18/2023
Date Made Active in Reports: 06/13/2023
Number of Days to Update: 56
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 09/21/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/26/2023
Date Made Active in Reports: 10/11/2023
Number of Days to Update: 77
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/07/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/24/2023
Number of Days to Update: 77
Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/07/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36
Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 09/28/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/28/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/05/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/09/2022
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 08/30/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.
Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.
Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.
Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

410 AIRPORT BOULEVARD
410 AIRPORT BOULEVARD
BURLINGAME, CA 94010

TARGET PROPERTY COORDINATES

Latitude (North):	37.591579 - 37° 35' 29.68''
Longitude (West):	122.340454 - 122° 20' 25.63''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	558227.8
UTM Y (Meters):	4160501.2
Elevation:	9 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	50005407 SAN MATEO, CA
Version Date:	2021

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

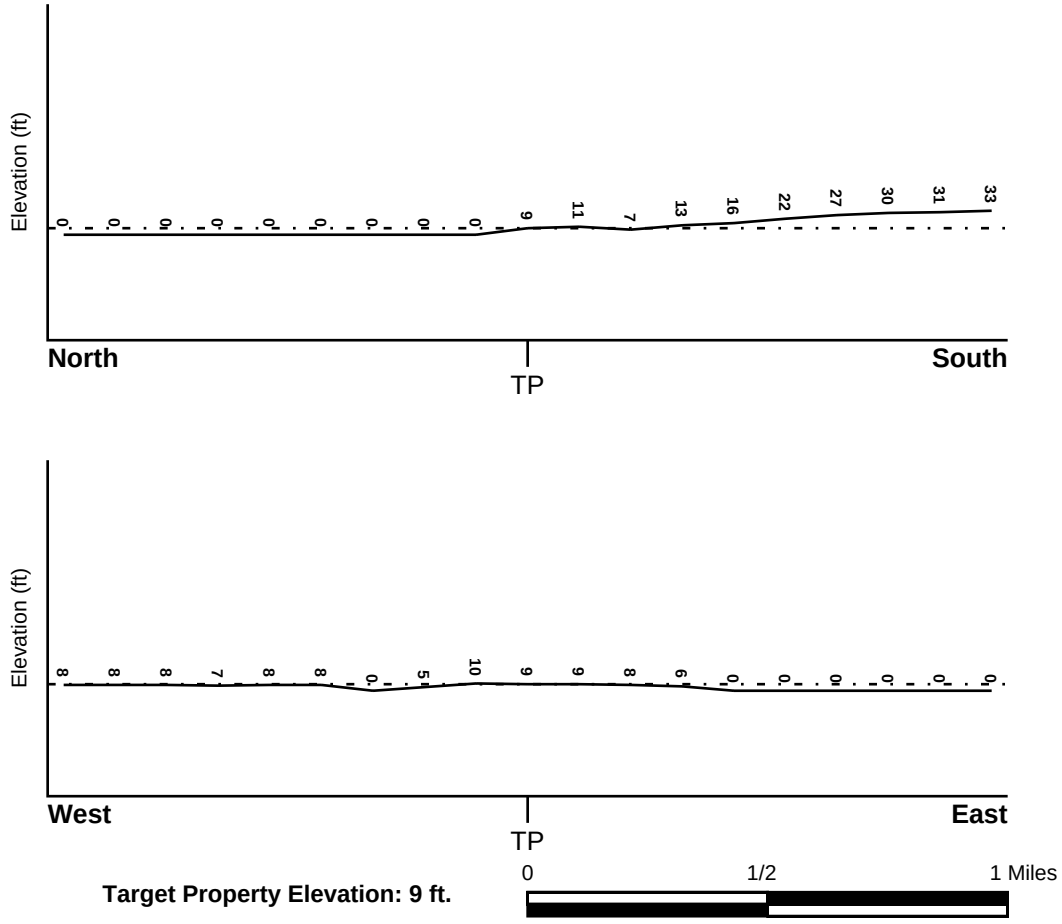
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General East

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 9 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06081C0154F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06081C0151E	FEMA FIRM Flood data
0603110127B	FEMA Q3 Flood data
0650190002C	FEMA Q3 Flood data
06081C0153E	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SAN MATEO	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
1	1/8 - 1/4 Mile SE	NNE
A2	1/4 - 1/2 Mile SE	N
7	1/2 - 1 Mile WSW	NNW
G26	1/2 - 1 Mile SW	NNW
G28	1/2 - 1 Mile SW	Not Reported

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
G34	1/2 - 1 Mile SW	N
H35	1/2 - 1 Mile SSW	E, Flat
49	1/2 - 1 Mile SSW	Not Reported
L55	1/2 - 1 Mile SW	N
I64	1/2 - 1 Mile South	SE
L66	1/2 - 1 Mile SW	NNE
L67	1/2 - 1 Mile SW	NNE
N87	1/2 - 1 Mile South	E
1G	1/8 - 1/4 Mile SE	NNE
2G	1/2 - 1 Mile WSW	NNW
3G	1/4 - 1/2 Mile SE	N
4G	1/2 - 1 Mile SW	NNE
5G	1/2 - 1 Mile SW	NNE
6G	1/2 - 1 Mile SW	N
7G	1/2 - 1 Mile SW	NNW
8G	1/2 - 1 Mile SW	N
9G	1/2 - 1 Mile SW	Not Reported
10G	1/2 - 1 Mile SSW	Not Reported
11G	1/2 - 1 Mile SSW	E, Flat
12G	1/2 - 1 Mile South	SE
13G	1/2 - 1 Mile South	E

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

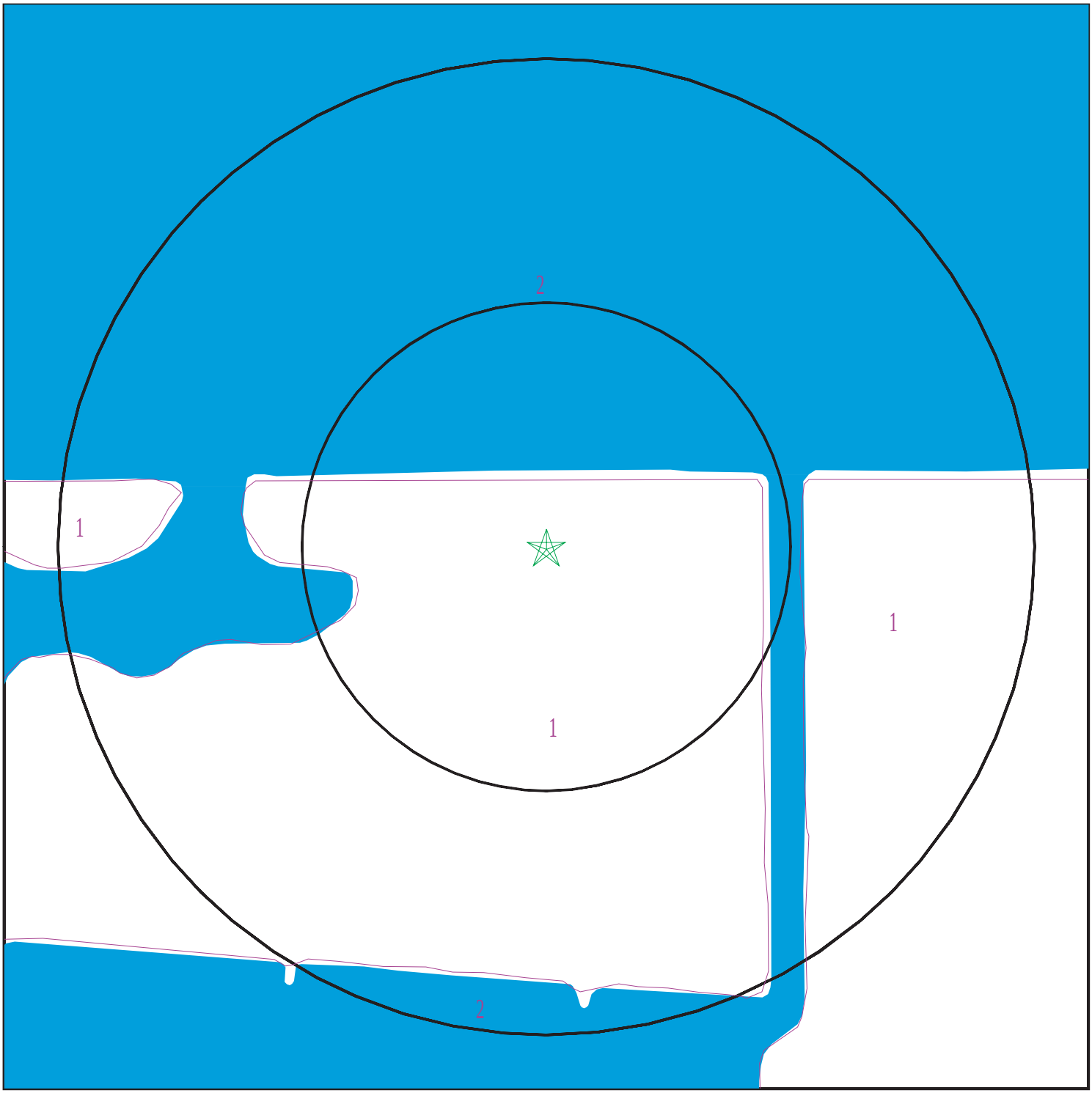
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 7508626.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	410 Airport Boulevard	CLIENT:	ICF Jones and Stokes
ADDRESS:	410 Airport Boulevard Burlingame CA 94010	CONTACT:	Mario Barrera
LAT/LONG:	37.591579 / 122.340454	INQUIRY #:	7508626.2s
		DATE:	November 29, 2023 8:08 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches		Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:

Soil Map ID: 2

Soil Component Name: Water

Soil Surface Texture:
Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B3	CAEDF0000037699	1/4 - 1/2 Mile SE
A4	CAEDF0000141249	1/4 - 1/2 Mile SE
A5	CAEDF0000140439	1/4 - 1/2 Mile SE
B6	CAEDF0000130496	1/4 - 1/2 Mile SE
8	CAEDF0000115018	1/2 - 1 Mile West
C9	CAEDF0000014866	1/2 - 1 Mile SE
C10	CAEDF0000054686	1/2 - 1 Mile SE
C11	CAEDF0000079739	1/2 - 1 Mile SE
12	CAEDF0000117276	1/2 - 1 Mile WSW
13	4839	1/2 - 1 Mile SSW
14	CAEDF0000067250	1/2 - 1 Mile West
D15	CAEDF0000138898	1/2 - 1 Mile WSW
D16	CAEDF0000076933	1/2 - 1 Mile WSW
E17	CAEDF0000019978	1/2 - 1 Mile SE
E18	CAEDF0000015298	1/2 - 1 Mile SE
D19	CAEDF0000098652	1/2 - 1 Mile WSW
20	CAEDF0000067089	1/2 - 1 Mile West
E21	CAEDF0000108730	1/2 - 1 Mile SE
22	CAEDF0000134107	1/2 - 1 Mile WSW
F23	CAEDF0000035110	1/2 - 1 Mile SSE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

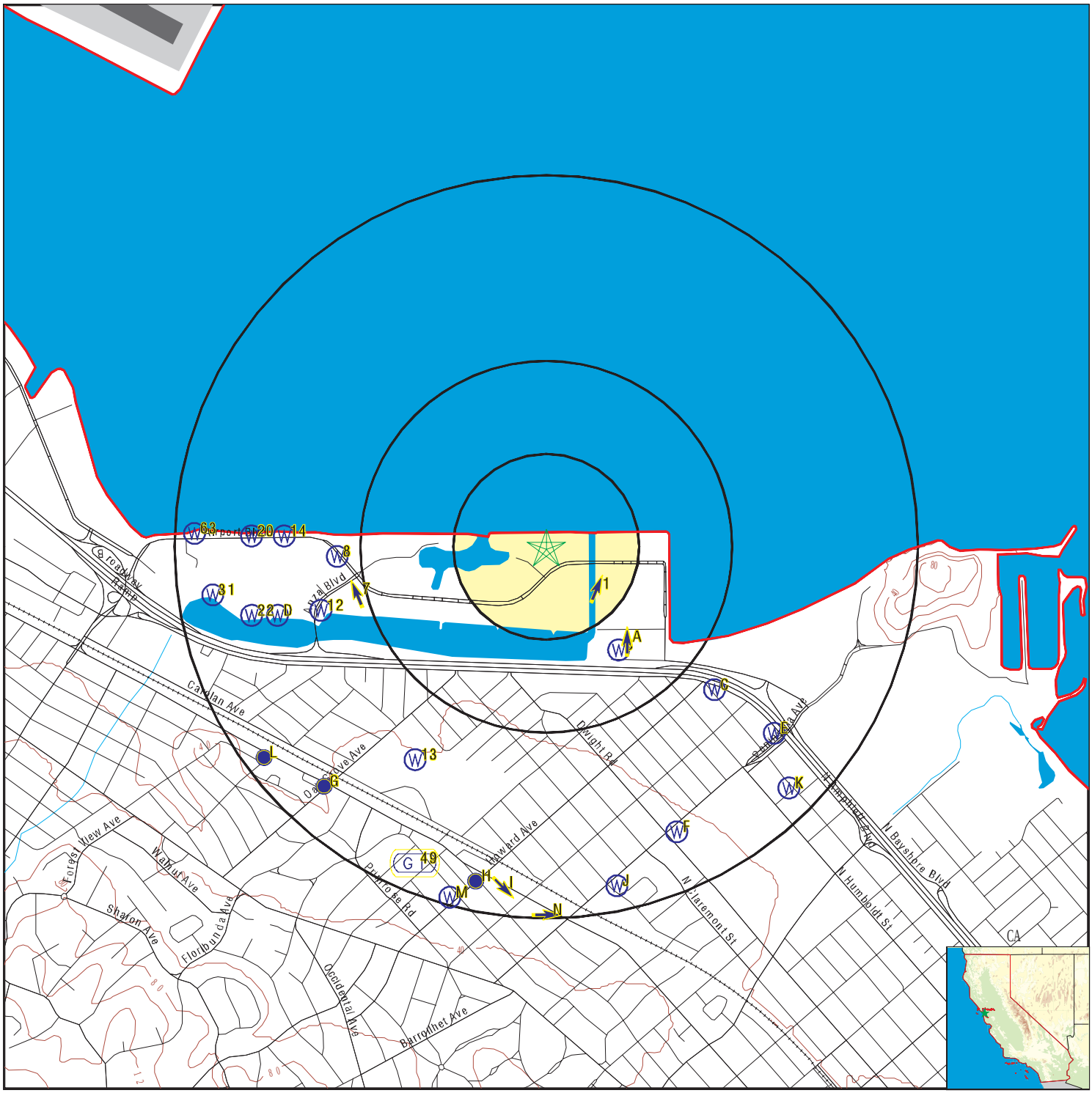
MAP ID	WELL ID	LOCATION FROM TP
F24	CAEDF0000059411	1/2 - 1 Mile SSE
F25	CAEDF0000127962	1/2 - 1 Mile SSE
F27	CAEDF0000137243	1/2 - 1 Mile SSE
H29	CAEDF0000053242	1/2 - 1 Mile SSW
H30	CAEDF0000068597	1/2 - 1 Mile South
31	CAEDF0000019842	1/2 - 1 Mile West
I32	CAEDF0000133082	1/2 - 1 Mile South
J33	CAEDF0000056754	1/2 - 1 Mile SSE
H36	CAEDF0000064615	1/2 - 1 Mile SSW
I37	CAEDF0000063668	1/2 - 1 Mile South
H38	CAEDF0000119939	1/2 - 1 Mile SSW
K39	CAEDF0000062686	1/2 - 1 Mile SE
H40	CAEDF0000063664	1/2 - 1 Mile SSW
I41	CAEDF0000054803	1/2 - 1 Mile South
H42	CAEDF0000136903	1/2 - 1 Mile South
K43	CAEDF0000003976	1/2 - 1 Mile SE
K44	CAEDF0000116212	1/2 - 1 Mile SE
J45	CAEDF0000036442	1/2 - 1 Mile South
I46	CAEDF0000053638	1/2 - 1 Mile South
H47	CAEDF0000041943	1/2 - 1 Mile South
K48	CAEDF0000033639	1/2 - 1 Mile SE
K50	CAEDF0000083694	1/2 - 1 Mile SE
K51	CAEDF0000110120	1/2 - 1 Mile SE
J52	CAEDF0000068169	1/2 - 1 Mile SSE
H53	CAEDF0000003664	1/2 - 1 Mile SSW
K54	CAEDF0000091954	1/2 - 1 Mile SE
K56	CAEDF0000011947	1/2 - 1 Mile SE
H57	CAEDF0000061168	1/2 - 1 Mile South
I58	CAEDF0000002954	1/2 - 1 Mile South
J59	CAEDF0000097370	1/2 - 1 Mile SSE
H60	CAEDF0000077933	1/2 - 1 Mile South
J61	CAEDF0000092571	1/2 - 1 Mile SSE
J62	CAEDF0000086728	1/2 - 1 Mile South
63	CAEDF0000011958	1/2 - 1 Mile West
J65	CAEDF0000065059	1/2 - 1 Mile SSE
H68	CAEDF0000047014	1/2 - 1 Mile SSW
M69	CAEDF0000123414	1/2 - 1 Mile SSW
M70	CAEDF0000085263	1/2 - 1 Mile SSW
M71	CAEDF0000105475	1/2 - 1 Mile SSW
M72	CAEDF0000107354	1/2 - 1 Mile SSW
M73	CAEDF0000010497	1/2 - 1 Mile SSW
M74	CAEDF0000130606	1/2 - 1 Mile SSW
M75	CAEDF0000078516	1/2 - 1 Mile SSW
M76	CAEDF0000005231	1/2 - 1 Mile SSW
M77	CAEDF0000019883	1/2 - 1 Mile SSW
M78	CAEDF0000123966	1/2 - 1 Mile SSW
M79	CAEDF0000122797	1/2 - 1 Mile SSW
M80	CAEDF0000078333	1/2 - 1 Mile SSW
M81	CAEDF0000019853	1/2 - 1 Mile SSW
M82	CAEDF0000014575	1/2 - 1 Mile SSW
M83	CAEDF0000104766	1/2 - 1 Mile SSW
M84	CAEDF0000138197	1/2 - 1 Mile SSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
M85	CAEDF0000056252	1/2 - 1 Mile SSW
M86	CAEDF0000044179	1/2 - 1 Mile SSW
M88	CAEDF0000017455	1/2 - 1 Mile SSW
M89	CAEDF0000063874	1/2 - 1 Mile SSW
M90	CAEDF0000127079	1/2 - 1 Mile SSW
N91	CAEDF0000136581	1/2 - 1 Mile South
N92	CAEDF0000106930	1/2 - 1 Mile South
M93	CAEDF0000134769	1/2 - 1 Mile SSW
N94	CAEDF0000035228	1/2 - 1 Mile South

PHYSICAL SETTING SOURCE MAP - 7508626.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	410 Airport Boulevard	CLIENT:	ICF Jones and Stokes
ADDRESS:	410 Airport Boulevard Burlingame CA 94010	CONTACT:	Mario Barrera
		INQUIRY #:	7508626.2s
LAT/LONG:	37.591579 / 122.340454	DATE:	November 29, 2023 8:08 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
1 **SE** **1/8 - 1/4 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	660033 NNE 5.8 5.1 Not Reported 03/19/1993	**AQUIFLOW**	**55442**

			Database	EDR ID Number
A2 **SE** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	660069 N 6.75 6.50 Not Reported 03/29/1996	**AQUIFLOW**	**55445**

B3
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000037699**

Well ID:	T0608108772-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608108772&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608108772&assigned_name=MW-3		

A4
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000141249**

Well ID:	T0608108772-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608108772&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608108772&assigned_name=MW-2		

A5
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000140439**

Well ID:	T0608108772-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608108772&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608108772&assigned_name=MW-4		

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
B6 **SE** **1/4 - 1/2 Mile** **Higher**	**CA WELLS**	**CAEDF0000130496**

Well ID:	T0608108772-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608108772&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608108772&assigned_name=MW-1		

---

7 **WSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	001533 NNW 8.5 6.0 Not Reported 01/30/1997	**AQUIFLOW**	**55469**

	Database	EDR ID Number
8 **West** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000115018**

Well ID:	L10009873781-US7	Well Type:	MONITORING
Source:	EDF	Other Name:	US7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10009873781&assigned_name=US7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10009873781&assigned_name=US7		

	Database	EDR ID Number
C9 **SE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000014866**

Well ID:	T10000003674-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003674&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003674&assigned_name=MW-2		

	Database	EDR ID Number
C10 **SE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000054686**

Well ID:	T10000003674-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3

GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003674&assigned_name=MW-3&store_num=
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003674&assigned_name=MW-3

C11
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000079739**

Well ID:	T10000003674-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003674&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003674&assigned_name=MW-1		

12
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000117276**

Well ID:	L10009873781-US3A	Well Type:	MONITORING
Source:	EDF	Other Name:	US3A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10009873781&assigned_name=US3A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10009873781&assigned_name=US3A		

13
SSW
1/2 - 1 Mile
Higher

CA WELLS **4839**

Seq:	4839	Prim sta c:	04S/04W-18L03 M
Frds no:	4100569001	County:	41
District:	04	User id:	ENG
System no:	4100569	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBANT/MUN/INTAKE
Latitude:	373500.0	Longitude:	1222045.0
Precision:	2	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	4100569	System nam:	Burlingame High School
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	86	Connection:	0
Area serve:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

14
West
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000067250**

Well ID:	L10009873781-US2A	Well Type:	MONITORING
Source:	EDF	Other Name:	US2A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10009873781&assigned_name=US2A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10009873781&assigned_name=US2A		

D15
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000138898**

Well ID:	L10009873781-GR3	Well Type:	MONITORING
Source:	EDF	Other Name:	GR3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10009873781&assigned_name=GR3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10009873781&assigned_name=GR3		

D16
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000076933**

Well ID:	L10009873781-US8	Well Type:	MONITORING
Source:	EDF	Other Name:	US8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10009873781&assigned_name=US8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10009873781&assigned_name=US8		

E17
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000019978**

Well ID:	T0608193740-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608193740&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608193740&assigned_name=MW-2		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E18
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000015298**

Well ID:	T0608193740-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608193740&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608193740&assigned_name=MW-1		

D19
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000098652**

Well ID:	L10009873781-US9	Well Type:	MONITORING
Source:	EDF	Other Name:	US9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10009873781&assigned_name=US9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10009873781&assigned_name=US9		

20
West
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000067089**

Well ID:	L10009873781-US6	Well Type:	MONITORING
Source:	EDF	Other Name:	US6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10009873781&assigned_name=US6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10009873781&assigned_name=US6		

E21
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000108730**

Well ID:	T0608193740-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608193740&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608193740&assigned_name=MW-3		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

22
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000134107**

Well ID:	L10009873781-GR4	Well Type:	MONITORING
Source:	EDF	Other Name:	GR4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10009873781&assigned_name=GR4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10009873781&assigned_name=GR4		

F23
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000035110**

Well ID:	T0608100943-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100943&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100943&assigned_name=MW-4		

F24
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000059411**

Well ID:	T0608100943-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100943&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100943&assigned_name=MW-3		

F25
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000127962**

Well ID:	T0608100943-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100943&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100943&assigned_name=MW-1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
G26 **SW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	660006 NNW 11.0 9.0 Not Reported 07/24/1997	**AQUIFLOW**	**55456**

F27
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000137243**

Well ID:	T0608100943-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100943&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100943&assigned_name=MW-2		

G28
SW
1/2 - 1 Mile
Higher

			Database	EDR ID Number
Site ID:	660017		**AQUIFLOW**	**55454**
Groundwater Flow:	Not Reported			
Shallow Water Depth:	13.5			
Deep Water Depth:	12.5			
Average Water Depth:	Not Reported			
Date:	02/22/1990			

H29
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000053242**

Well ID:	T10000003211-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003211&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003211&assigned_name=MW-3		

H30
South
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000068597**

Well ID:	T0608194030-C-9	Well Type:	MONITORING
Source:	EDF	Other Name:	C-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608194030&assigned_name=C-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608194030&assigned_name=C-9		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
31 **West** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000019842**

Well ID:	L10009873781-US5	Well Type:	MONITORING
Source:	EDF	Other Name:	US5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10009873781&assigned_name=US5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10009873781&assigned_name=US5		

	Database	EDR ID Number
I32 **South** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000133082**

Well ID:	T0608194030-C-10	Well Type:	MONITORING
Source:	EDF	Other Name:	C-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608194030&assigned_name=C-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608194030&assigned_name=C-10		

	Database	EDR ID Number
J33 **SSE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000056754**

Well ID:	T0608196925-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608196925&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608196925&assigned_name=MW-5		

G34 **SW** **1/2 - 1 Mile** **Higher**	Site ID:	660061	**AQUIFLOW**	**55459**
	Groundwater Flow:	N		
	Shallow Water Depth:	7.60		
	Deep Water Depth:	3.85		
	Average Water Depth:	Not Reported		
	Date:	05/12/1995		

H35 **SSW** **1/2 - 1 Mile** **Higher**	Site ID:	660060	**AQUIFLOW**	**55439**
	Groundwater Flow:	E, Flat		
	Shallow Water Depth:	23		
	Deep Water Depth:	22		
	Average Water Depth:	Not Reported		
	Date:	02/04/1998		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H36
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000064615**

Well ID:	T10000003211-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003211&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003211&assigned_name=MW-1		

I37
South
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000063668**

Well ID:	T0608194030-C-11	Well Type:	MONITORING
Source:	EDF	Other Name:	C-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608194030&assigned_name=C-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608194030&assigned_name=C-11		

H38
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000119939**

Well ID:	T10000003211-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003211&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003211&assigned_name=MW-4		

K39
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000062686**

Well ID:	T0608179970-B-8	Well Type:	MONITORING
Source:	EDF	Other Name:	B-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608179970&assigned_name=B-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608179970&assigned_name=B-8		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H40
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000063664**

Well ID:	T10000003211-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003211&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003211&assigned_name=MW-2		

I41
South
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000054803**

Well ID:	T0608194030-C-8	Well Type:	MONITORING
Source:	EDF	Other Name:	C-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608194030&assigned_name=C-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608194030&assigned_name=C-8		

H42
South
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000136903**

Well ID:	T0608194030-C-5	Well Type:	MONITORING
Source:	EDF	Other Name:	C-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608194030&assigned_name=C-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608194030&assigned_name=C-5		

K43
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000003976**

Well ID:	T0608179970-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608179970&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608179970&assigned_name=MW-2		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K44
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000116212**

Well ID:	T0608179970-B-3	Well Type:	MONITORING
Source:	EDF	Other Name:	B-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608179970&assigned_name=B-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608179970&assigned_name=B-3		

J45
South
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000036442**

Well ID:	T0608196925-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608196925&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608196925&assigned_name=MW-6		

I46
South
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000053638**

Well ID:	T0608194030-C-7	Well Type:	MONITORING
Source:	EDF	Other Name:	C-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608194030&assigned_name=C-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608194030&assigned_name=C-7		

H47
South
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000041943**

Well ID:	T0608194030-C-3	Well Type:	MONITORING
Source:	EDF	Other Name:	C-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608194030&assigned_name=C-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608194030&assigned_name=C-3		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K48
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000033639**

Well ID:	T0608179970-B-7	Well Type:	MONITORING
Source:	EDF	Other Name:	B-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608179970&assigned_name=B-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608179970&assigned_name=B-7		

49
SSW
1/2 - 1 Mile
Higher

AQUIFLOW **55534**

Site ID:	660081
Groundwater Flow:	Not Reported
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	14
Date:	08/12/1997

K50
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000083694**

Well ID:	T0608179970-B-4	Well Type:	MONITORING
Source:	EDF	Other Name:	B-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608179970&assigned_name=B-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608179970&assigned_name=B-4		

K51
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000110120**

Well ID:	T0608179970-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608179970&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608179970&assigned_name=MW-1		

J52
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000068169**

Well ID:	T0608196925-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608196925&assigned_name=MW-9&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608196925&assigned_name=MW-9

H53
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000003664**

Well ID: T10000003211-MW-5 Well Type: MONITORING
Source: EDF Other Name: MW-5
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003211&assigned_name=MW-5&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003211&assigned_name=MW-5

K54
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000091954**

Well ID: T0608179970-B-6 Well Type: MONITORING
Source: EDF Other Name: B-6
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608179970&assigned_name=B-6&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608179970&assigned_name=B-6

L55
SW
1/2 - 1 Mile
Higher

Site ID: 660034
Groundwater Flow: N
Shallow Water Depth: Not Reported
Deep Water Depth: Not Reported
Average Water Depth: 8.40
Date: 01/03/1993

AQUIFLOW **55462**

K56
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000011947**

Well ID: T0608179970-B-5 Well Type: MONITORING
Source: EDF Other Name: B-5
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608179970&assigned_name=B-5&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608179970&assigned_name=B-5

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H57
South
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000061168**

Well ID:	T0608194030-C-1	Well Type:	MONITORING
Source:	EDF	Other Name:	C-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608194030&assigned_name=C-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608194030&assigned_name=C-1		

I58
South
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000002954**

Well ID:	T0608194030-C-13	Well Type:	MONITORING
Source:	EDF	Other Name:	C-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608194030&assigned_name=C-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608194030&assigned_name=C-13		

J59
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000097370**

Well ID:	T0608196925-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608196925&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608196925&assigned_name=MW-8		

H60
South
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000077933**

Well ID:	T0608194030-C-6	Well Type:	MONITORING
Source:	EDF	Other Name:	C-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608194030&assigned_name=C-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608194030&assigned_name=C-6		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J61
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000092571**

Well ID:	T0608196925-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608196925&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608196925&assigned_name=MW-7		

J62
South
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000086728**

Well ID:	T0608196925-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608196925&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608196925&assigned_name=MW-3		

63
West
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000011958**

Well ID:	L10009873781-US1A	Well Type:	MONITORING
Source:	EDF	Other Name:	US1A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10009873781&assigned_name=US1A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10009873781&assigned_name=US1A		

I64
South
1/2 - 1 Mile
Higher

AQUIFLOW **55474**

Site ID:	660043
Groundwater Flow:	SE
Shallow Water Depth:	27.9
Deep Water Depth:	21.0
Average Water Depth:	Not Reported
Date:	05/06/1995

J65
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000065059**

Well ID:	T0608196925-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608196925&assigned_name=MW-4&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608196925&assigned_name=MW-4

L66
SW
1/2 - 1 Mile
Higher

Site ID: 41-0717
Groundwater Flow: NNE
Shallow Water Depth: Not Reported
Deep Water Depth: Not Reported
Average Water Depth: 13
Date: 08/31/1993

AQUIFLOW **55291**

L67
SW
1/2 - 1 Mile
Higher

Site ID: 41-0710
Groundwater Flow: NNE
Shallow Water Depth: Not Reported
Deep Water Depth: Not Reported
Average Water Depth: 13
Date: 08/31/1993

AQUIFLOW **55293**

H68
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000047014**

Well ID: T0608100253-MW-11
Source: EDF
Well Type: MONITORING
Other Name: MW-11
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100253&assigned_name=MW-11&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100253&assigned_name=MW-11

M69
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000123414**

Well ID: T0608100813-PSB-4
Source: EDF
Well Type: MONITORING
Other Name: PSB-4
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100813&assigned_name=PSB-4&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100813&assigned_name=PSB-4

M70
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000085263**

Well ID: T0608100253-PSB-4
Source: EDF
Well Type: MONITORING
Other Name: PSB-4
GAMA PFAS Testing: Not Reported

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100253&assigned_name=PSB-4&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100253&assigned_name=PSB-4

M71
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000105475**

Well ID: T0608100253-MW-3 Well Type: MONITORING
Source: EDF Other Name: MW-3
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100253&assigned_name=MW-3&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100253&assigned_name=MW-3

M72
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000107354**

Well ID: T0608100813-MW-2 Well Type: MONITORING
Source: EDF Other Name: MW-2
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100813&assigned_name=MW-2&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100813&assigned_name=MW-2

M73
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000010497**

Well ID: T0608100253-MW-2 Well Type: MONITORING
Source: EDF Other Name: MW-2
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100253&assigned_name=MW-2&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100253&assigned_name=MW-2

M74
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000130606**

Well ID: T0608100253-EW-6 Well Type: MONITORING
Source: EDF Other Name: EW-6
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100253&assigned_name=EW-6&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100253&assigned_name=EW-6

M75
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000078516**

Well ID: T0608100253-EW-5
Well Type: MONITORING
Source: EDF
Other Name: EW-5
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100253&assigned_name=EW-5&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100253&assigned_name=EW-5

M76
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000005231**

Well ID: T0608100253-EW-3
Well Type: MONITORING
Source: EDF
Other Name: EW-3
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100253&assigned_name=EW-3&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100253&assigned_name=EW-3

M77
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000019883**

Well ID: T0608100813-PSB-5
Well Type: MONITORING
Source: EDF
Other Name: PSB-5
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100813&assigned_name=PSB-5&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100813&assigned_name=PSB-5

M78
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000123966**

Well ID: T0608100253-EW-10
Well Type: MONITORING
Source: EDF
Other Name: EW-10
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100253&assigned_name=EW-10&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100253&assigned_name=EW-10

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

M79
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000122797**

Well ID:	T0608100253-PSB-5	Well Type:	MONITORING
Source:	EDF	Other Name:	PSB-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100253&assigned_name=PSB-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100253&assigned_name=PSB-5		

M80
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000078333**

Well ID:	T0608100253-EW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100253&assigned_name=EW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100253&assigned_name=EW-9		

M81
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000019853**

Well ID:	T0608100253-EW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100253&assigned_name=EW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100253&assigned_name=EW-8		

M82
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000014575**

Well ID:	T0608100253-PSB-1	Well Type:	MONITORING
Source:	EDF	Other Name:	PSB-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100253&assigned_name=PSB-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100253&assigned_name=PSB-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

M83
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000104766**

Well ID:	T0608100253-EW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100253&assigned_name=EW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100253&assigned_name=EW-11		

M84
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000138197**

Well ID:	T0608100813-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100813&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100813&assigned_name=MW-5		

M85
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000056252**

Well ID:	T0608100253-EW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100253&assigned_name=EW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100253&assigned_name=EW-4		

M86
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000044179**

Well ID:	T0608100253-EW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100253&assigned_name=EW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100253&assigned_name=EW-7		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
N87 **South** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	66048 E 24.85 15.55 Not Reported 09/28/1995	**AQUIFLOW**	**55448**

M88
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000017455**

Well ID:	T0608100813-EW-17	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100813&assigned_name=EW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100813&assigned_name=EW-17		

M89
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000063874**

Well ID:	T0608100253-EW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100253&assigned_name=EW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100253&assigned_name=EW-13		

M90
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000127079**

Well ID:	T0608100253-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100253&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100253&assigned_name=MW-1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

N91
South
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000136581**

Well ID:	T0608100410-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100410&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100410&assigned_name=MW-7		

N92
South
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000106930**

Well ID:	T0608100410-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100410&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100410&assigned_name=MW-6		

M93
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000134769**

Well ID:	T0608100813-EW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100813&assigned_name=EW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100813&assigned_name=EW-16		

N94
South
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000035228**

Well ID:	T0608100410-MW-17	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100410&assigned_name=MW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100410&assigned_name=MW-17		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
1G **SE** **1/8 - 1/4 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	660033 NNE 5.8 5.1 Not Reported 03/19/1993	**AQUIFLOW**	**55442**
2G **WSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	001533 NNW 8.5 6.0 Not Reported 01/30/1997	**AQUIFLOW**	**55469**
3G **SE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	660069 N 6.75 6.50 Not Reported 03/29/1996	**AQUIFLOW**	**55445**
4G **SW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0717 NNE Not Reported Not Reported 13 08/31/1993	**AQUIFLOW**	**55291**
5G **SW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0710 NNE Not Reported Not Reported 13 08/31/1993	**AQUIFLOW**	**55293**
6G **SW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	660034 N Not Reported Not Reported 8.40 01/03/1993	**AQUIFLOW**	**55462**
7G **SW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	660006 NNW 11.0 9.0 Not Reported 07/24/1997	**AQUIFLOW**	**55456**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
8G **SW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	660061 N 7.60 3.85 Not Reported 05/12/1995	**AQUIFLOW**	**55459**
9G **SW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	660017 Not Reported 13.5 12.5 Not Reported 02/22/1990	**AQUIFLOW**	**55454**
10G **SSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	660081 Not Reported Not Reported Not Reported 14 08/12/1997	**AQUIFLOW**	**55534**
11G **SSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	660060 E, Flat 23 22 Not Reported 02/04/1998	**AQUIFLOW**	**55439**
12G **South** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	660043 SE 27.9 21.0 Not Reported 05/06/1995	**AQUIFLOW**	**55474**
13G **South** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	66048 E 24.85 15.55 Not Reported 09/28/1995	**AQUIFLOW**	**55448**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
94010	88	2

Federal EPA Radon Zone for SAN MATEO County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 94010

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.350 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.200 pCi/L	100%	0%	0%
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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Attachment 2:

Aerial Photographs and Topographic Maps

410 Airport Boulevard

410 Airport Boulevard

Burlingame, CA 94010

Inquiry Number: 7508626.8

November 29, 2023

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

11/29/23

Site Name:

410 Airport Boulevard
410 Airport Boulevard
Burlingame, CA 94010
EDR Inquiry # 7508626.8

Client Name:

ICF Jones and Stokes
49 Discovery, Suite 250
Irvine, CA 92618
Contact: Mario Barrera

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	*Scale*	*Details*	*Source*
2020	1"=500'	Flight Year: 2020	USDA/NAIP
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1998	1"=500'	Flight Date: August 29, 1998	USDA
1993	1"=500'	Acquisition Date: July 10, 1993	USGS/DOQQ
1982	1"=500'	Flight Date: July 08, 1982	USDA
1974	1"=500'	Flight Date: June 26, 1974	USGS
1968	1"=500'	Flight Date: April 18, 1968	USGS
1963	1"=500'	Flight Date: June 24, 1963	EDR Proprietary Aerial Viewpoint
1956	1"=500'	Flight Date: September 08, 1956	USGS
1946	1"=500'	Flight Date: July 29, 1946	USGS
1943	1"=500'	Flight Date: October 11, 1943	USDA

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INQUIRY #: 7508626.8

YEAR: 2020

= 500'

N

EDR

INQUIRY #: 7508626.8

YEAR: 2016

= 500'

N

EDR

INQUIRY #: 7508626.8
YEAR: 2012
= 500'
N
EDR

INQUIRY #: 7508626.8

YEAR: 2009

= 500'

N

EDR

INQUIRY #: 7508626.8

YEAR: 2005

= 500'

N

EDR

INQUIRY #: 7508626.8

YEAR: 1998

= 500'

N

EDR

INQUIRY #: 7508626.8

YEAR: 1993

= 500'

N

EDR

INQUIRY #: 7508626.8

YEAR: 1982

= 500'

N

EDR

INQUIRY #: 7508626.8

YEAR: 1974

= 500'

N

EDR

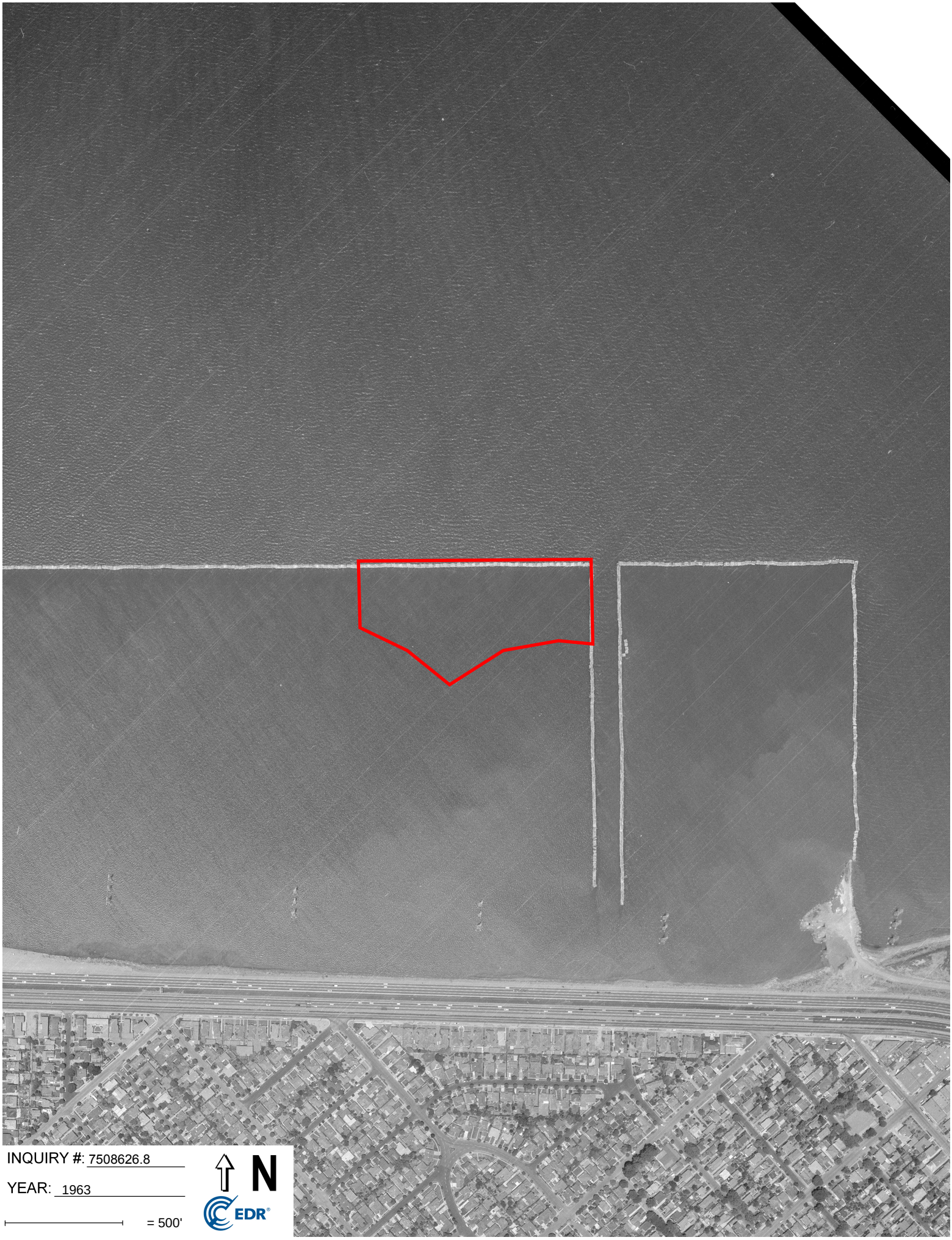
INQUIRY #: 7508626.8

YEAR: 1968

= 500'

N

EDR



INQUIRY #: 7508626.8

YEAR: 1963

= 500'

N

EDR

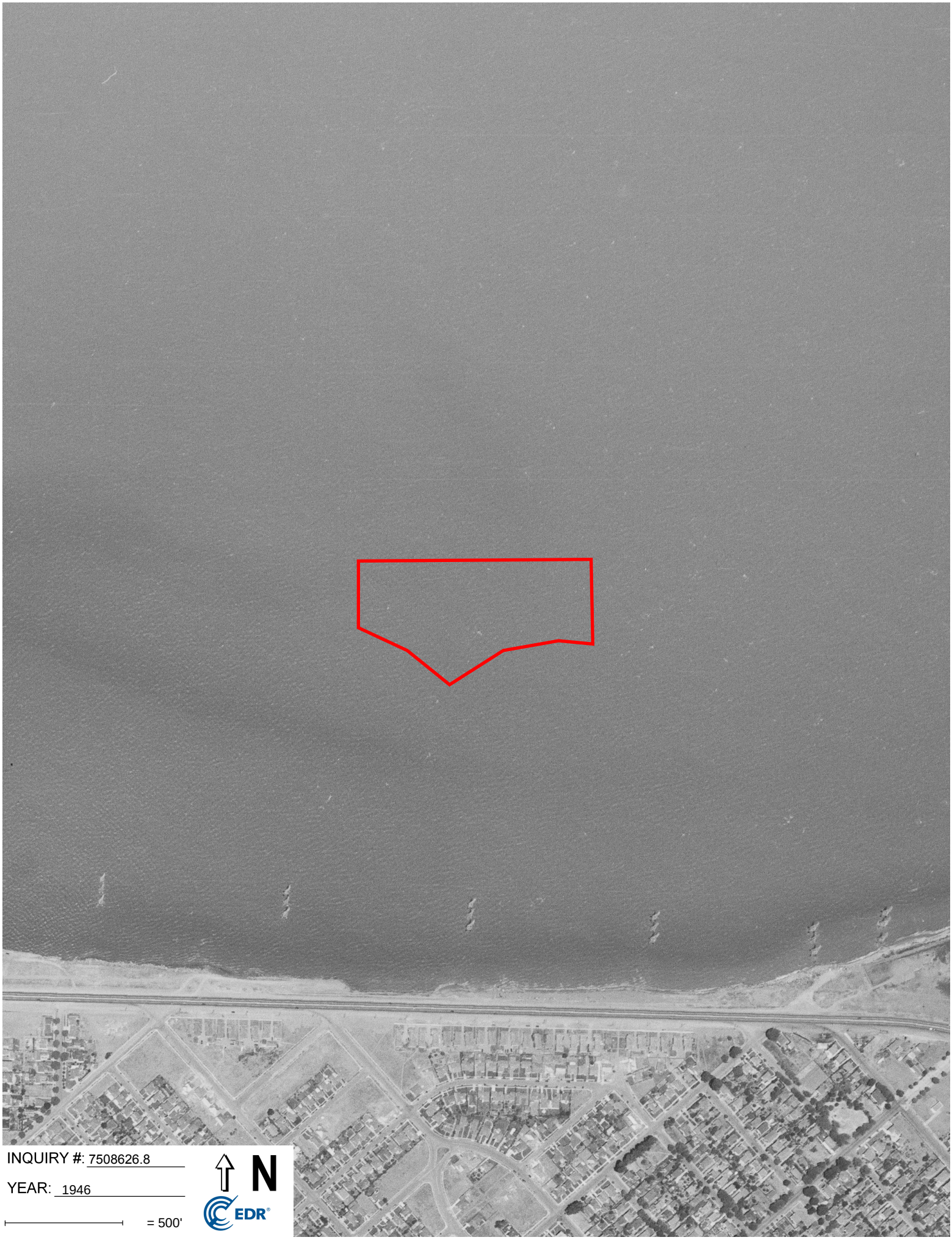
INQUIRY #: 7508626.8

YEAR: 1956

= 500'

N

EDR



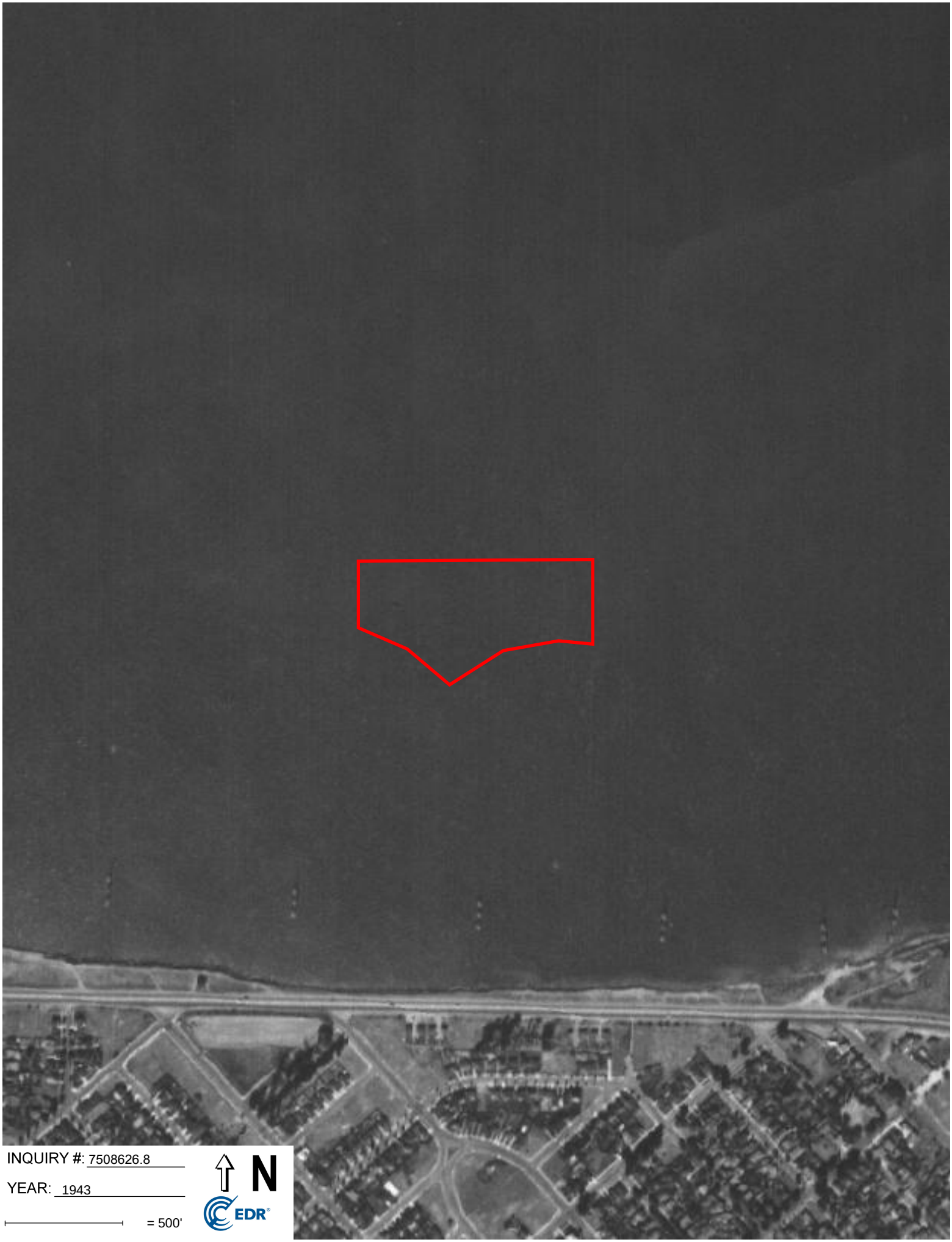
INQUIRY #: 7508626.8

YEAR: 1946

= 500'

N

EDR



INQUIRY #: 7508626.8

YEAR: 1943

= 500'

N

EDR

410 Airport Boulevard

410 Airport Boulevard

Burlingame, CA 94010

Inquiry Number: 7508626.4

November 29, 2023

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

11/29/23

Site Name:

410 Airport Boulevard
410 Airport Boulevard
Burlingame, CA 94010
EDR Inquiry # 7508626.4

Client Name:

ICF Jones and Stokes
49 Discovery, Suite 250
Irvine, CA 92618
Contact: Mario Barrera

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by ICF Jones and Stokes were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# 104707.0.001.01.003

Project: 410 Airport Boulevard Project

Coordinates:

Latitude:	37.591579 37° 35' 30" North
Longitude:	-122.340454 -122° 20' 26" West
UTM Zone:	Zone 10 North
UTM X Meters:	558226.38
UTM Y Meters:	4160705.88
Elevation:	9.00' above sea level

Maps Provided:

2021	1968
2018	1956
2015	1949
2012	1947
1997	1939
1993	1915
1980	1899
1973	1896

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

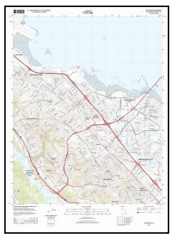
2021 Source Sheets

San Mateo
2021
7.5-minute, 24000

2018 Source Sheets

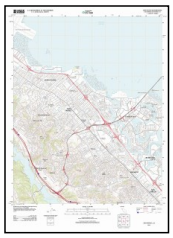
San Mateo
2018
7.5-minute, 24000

2015 Source Sheets



San Mateo
2015
7.5-minute, 24000

2012 Source Sheets

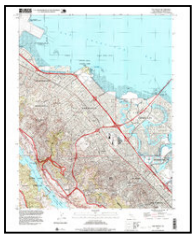


San Mateo
2012
7.5-minute, 24000

Topo Sheet Key

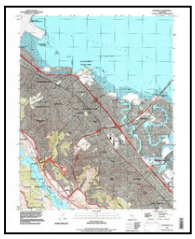
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1997 Source Sheets



San Mateo
1997
7.5-minute, 24000
Aerial Photo Revised 1997

1993 Source Sheets



San Mateo
1993
7.5-minute, 24000
Aerial Photo Revised 1993

1980 Source Sheets

San Mateo
1980
7.5-minute, 24000
Aerial Photo Revised 1978

1973 Source Sheets

San Mateo
1973
7.5-minute, 24000
Aerial Photo Revised 1973

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1968 Source Sheets

San Mateo
1968
7.5-minute, 24000
Aerial Photo Revised 1968

1956 Source Sheets

San Mateo
1956
7.5-minute, 24000
Aerial Photo Revised 1946

1949 Source Sheets

San Mateo
1949
7.5-minute, 24000
Aerial Photo Revised 1946

1947 Source Sheets

San Mateo
1947
7.5-minute, 24000
Aerial Photo Revised 1946

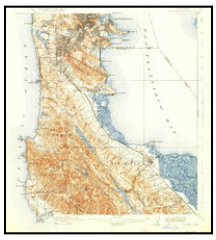
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1939 Source Sheets

San Mateo
1939
15-minute, 62500
Aerial Photo Revised 1939

1915 Source Sheets



San Mateo
1915
15-minute, 62500

1899 Source Sheets

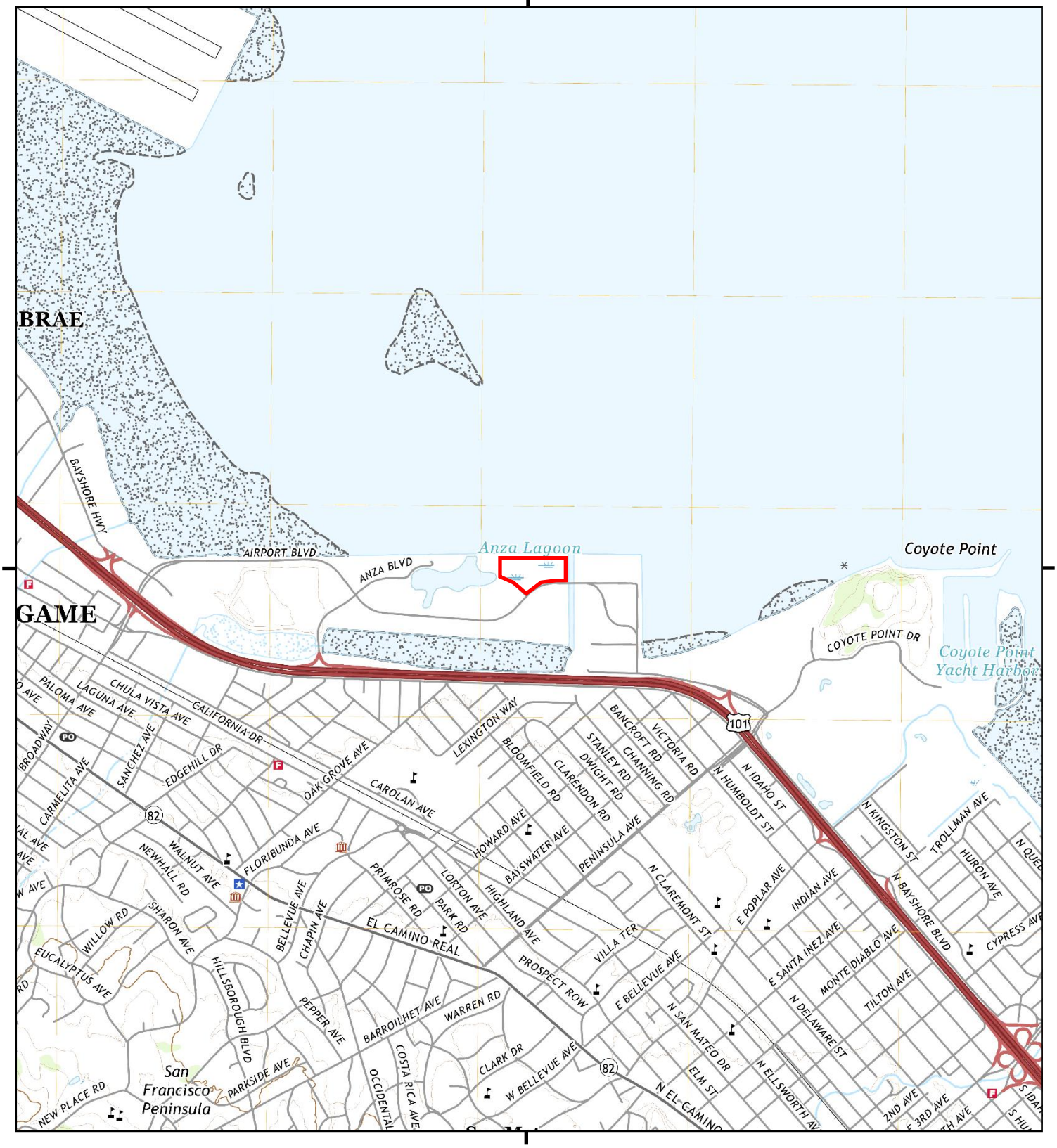
San Mateo
1899
15-minute, 62500

1896 Source Sheets

San Mateo
1896
15-minute, 62500

Historical Topo Map

2021



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Mateo, 2021, 7.5-minute

SITE NAME: 410 Airport Boulevard
ADDRESS: 410 Airport Boulevard
Burlingame, CA 94010
CLIENT: ICF Jones and Stokes

N

Historical Topo Map

2018

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

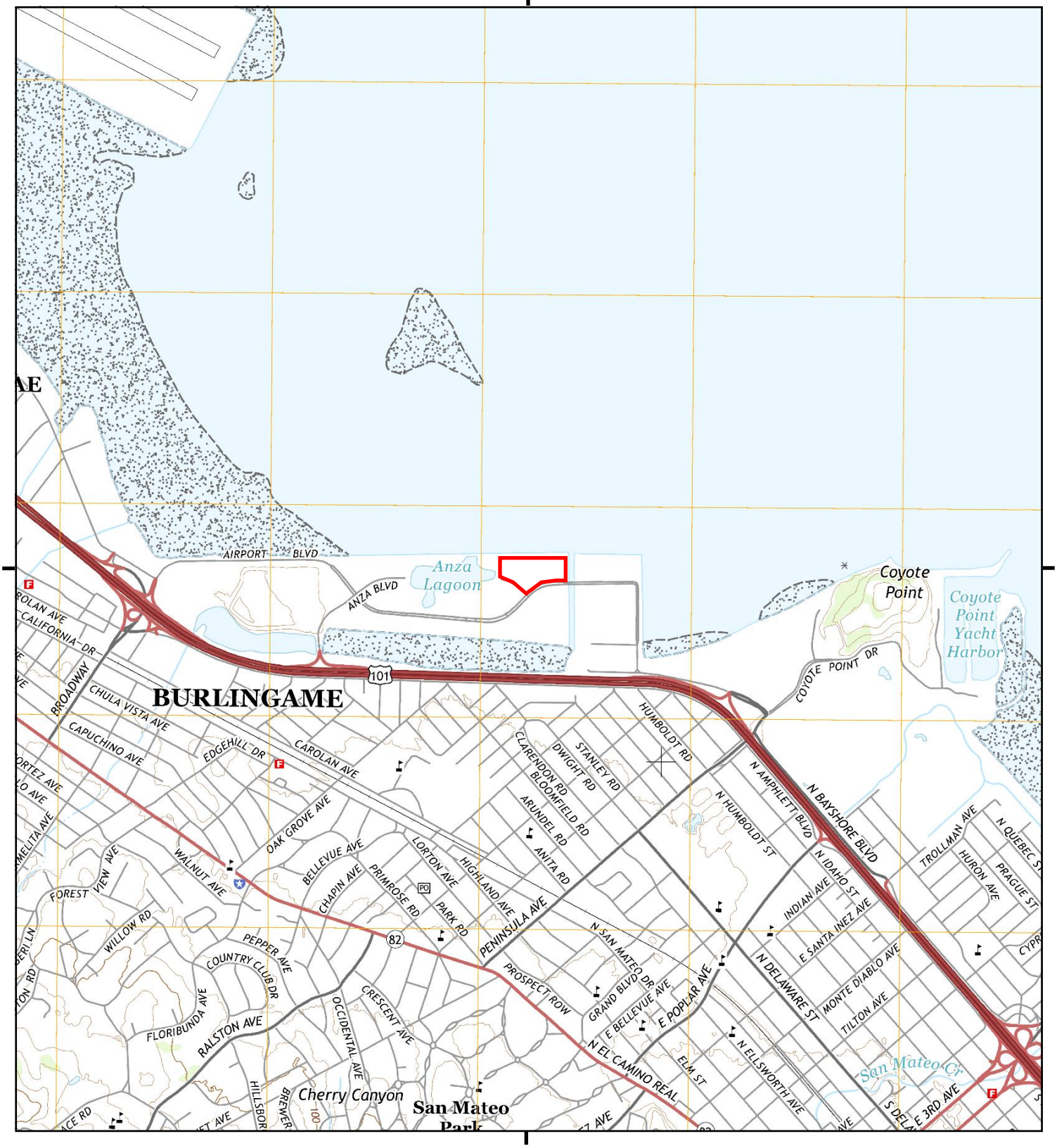
TP, San Mateo, 2018, 7.5-minute

SITE NAME: 410 Airport Boulevard
ADDRESS: 410 Airport Boulevard
Burlingame, CA 94010
CLIENT: ICF Jones and Stokes

N

Historical Topo Map

2015



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Mateo, 2015, 7.5-minute

SITE NAME: 410 Airport Boulevard
ADDRESS: 410 Airport Boulevard
Burlingame, CA 94010
CLIENT: ICF Jones and Stokes

N

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

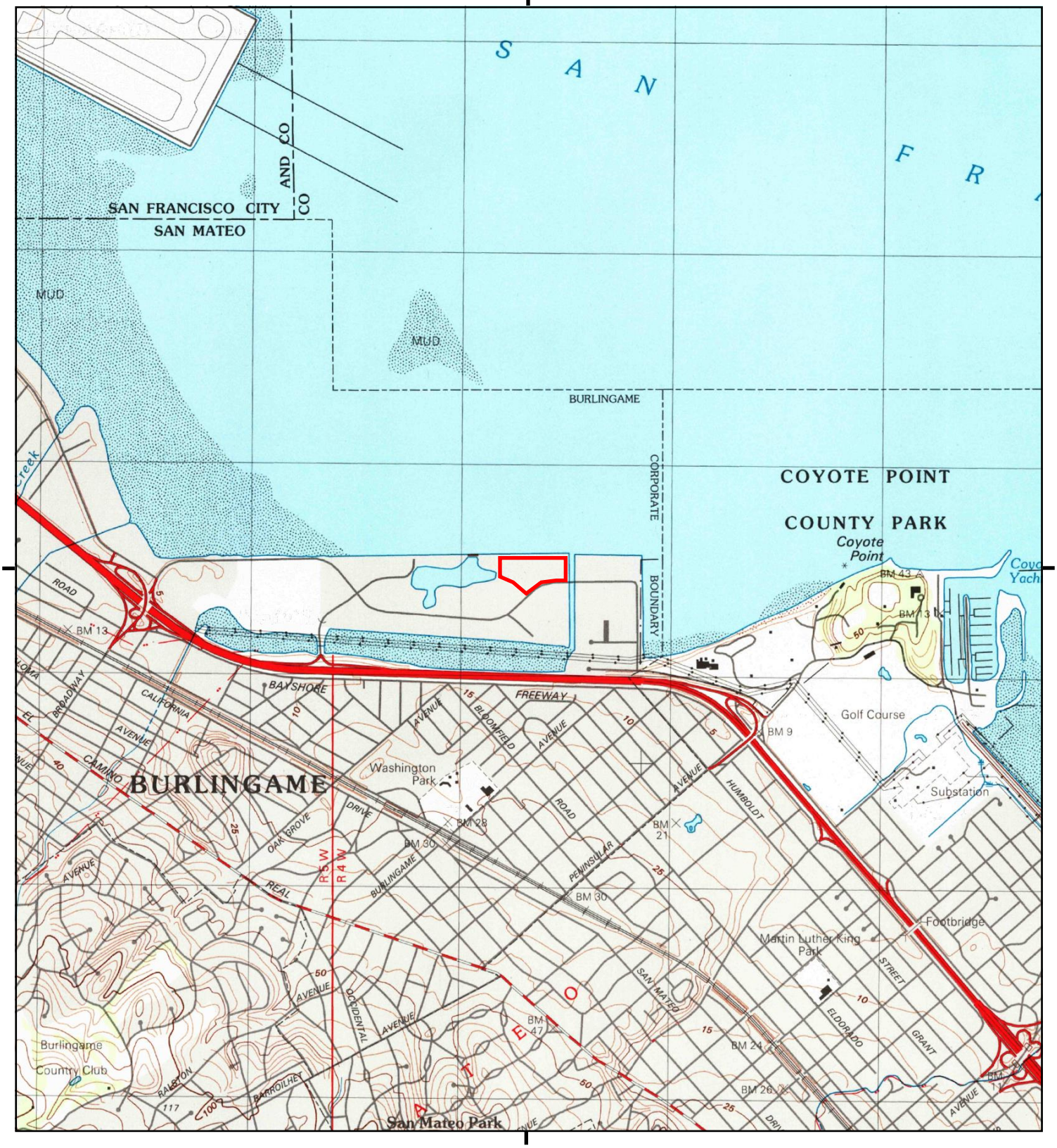
TP, San Mateo, 2012, 7.5-minute

SITE NAME: 410 Airport Boulevard
ADDRESS: 410 Airport Boulevard
Burlingame, CA 94010
CLIENT: ICF Jones and Stokes

N

Historical Topo Map

1997



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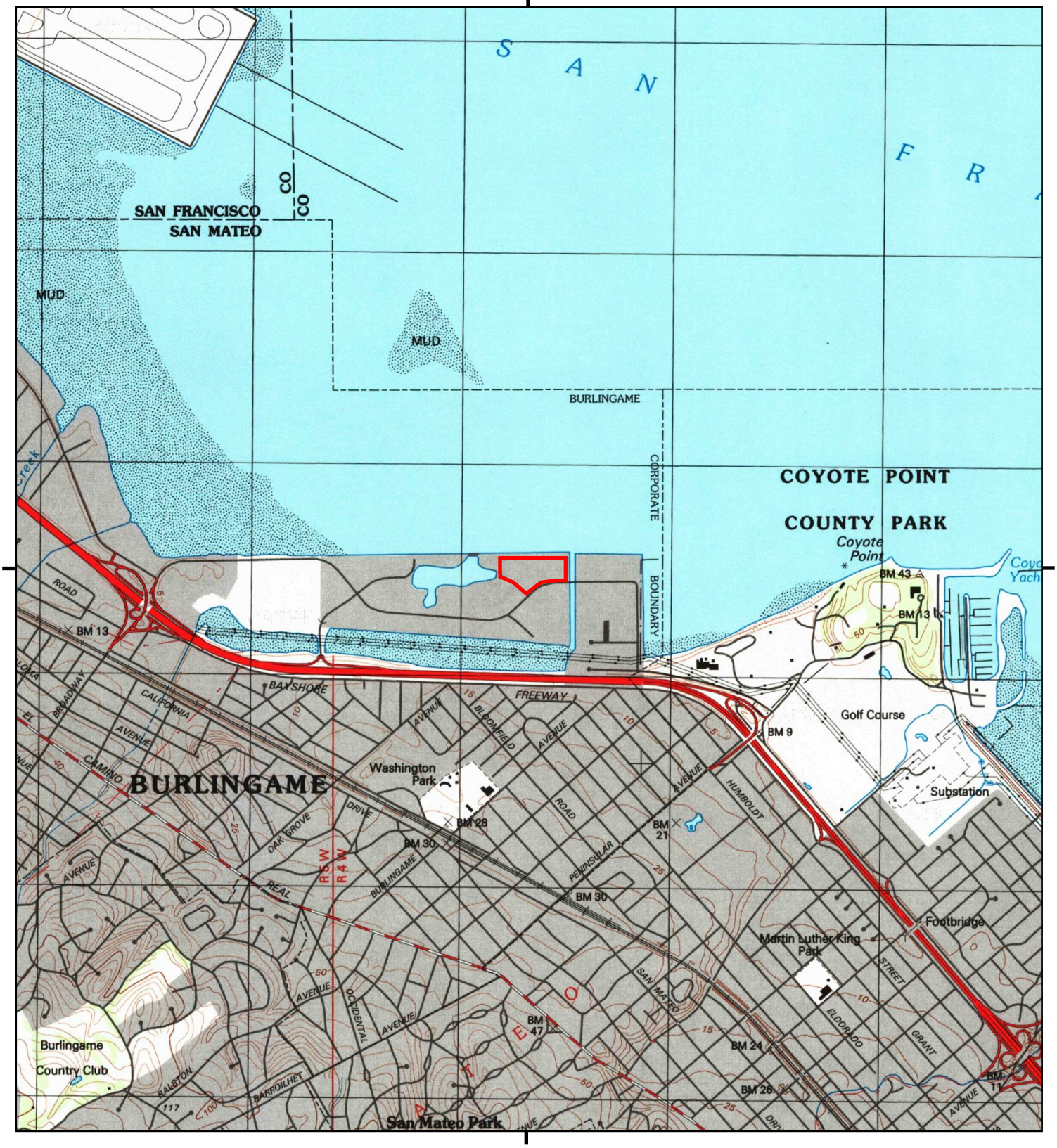
SW S SE

TP, San Mateo, 1997, 7.5-minute

SITE NAME: 410 Airport Boulevard
ADDRESS: 410 Airport Boulevard
Burlingame, CA 94010
CLIENT: ICF Jones and Stokes

N



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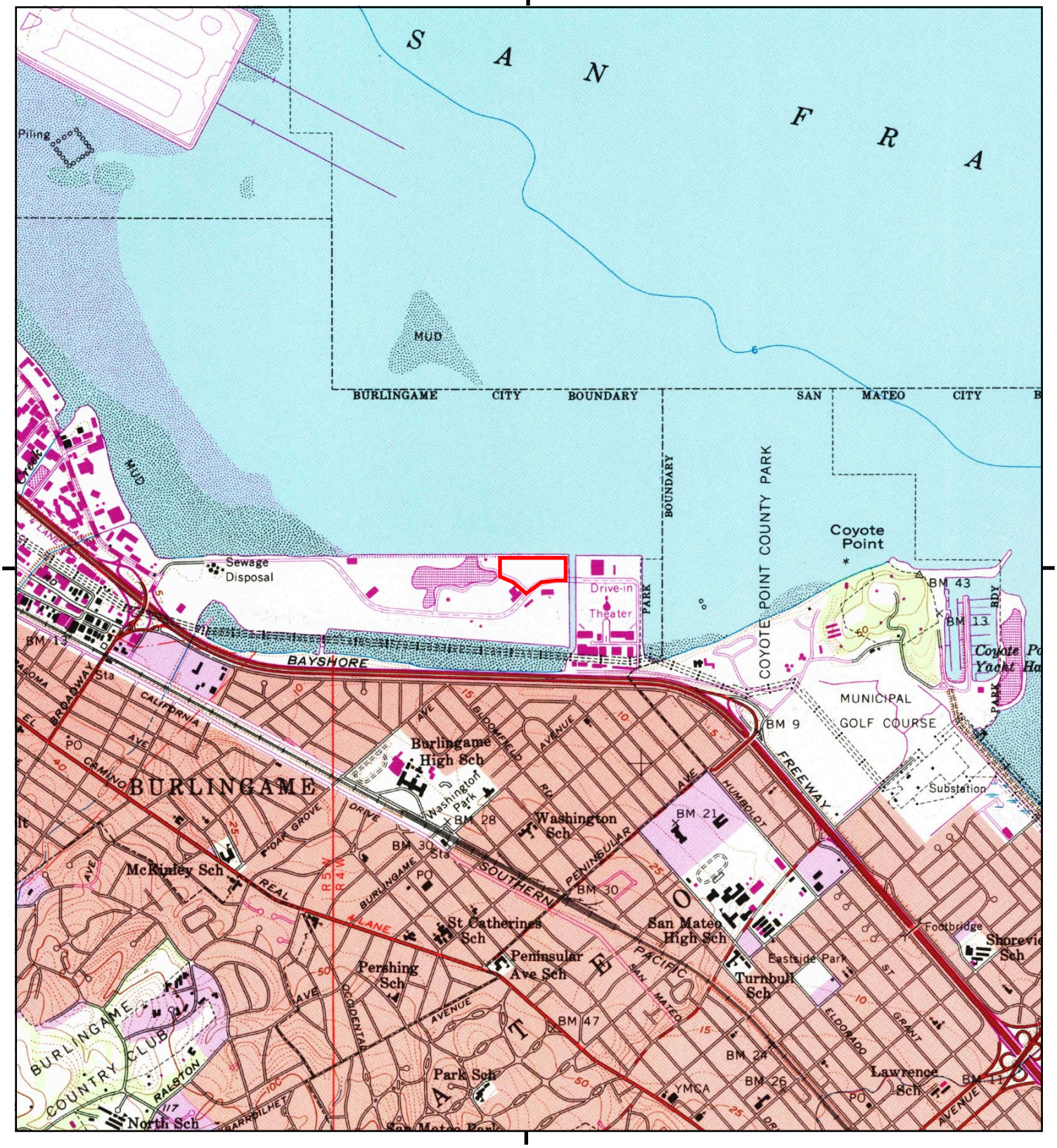
SITE NAME: 410 Airport Boulevard
ADDRESS: 410 Airport Boulevard
Burlingame, CA 94010
CLIENT: ICF Jones and Stokes

N



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W E
SW S SE

TP, San Mateo, 1980, 7.5-minute

SITE NAME: 410 Airport Boulevard
ADDRESS: 410 Airport Boulevard
Burlingame, CA 94010
CLIENT: ICF Jones and Stokes

N

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Mateo, 1973, 7.5-minute

SITE NAME: 410 Airport Boulevard
ADDRESS: 410 Airport Boulevard
Burlingame, CA 94010
CLIENT: ICF Jones and Stokes

N

Historical Topo Map

1968

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

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W E
SW S SE

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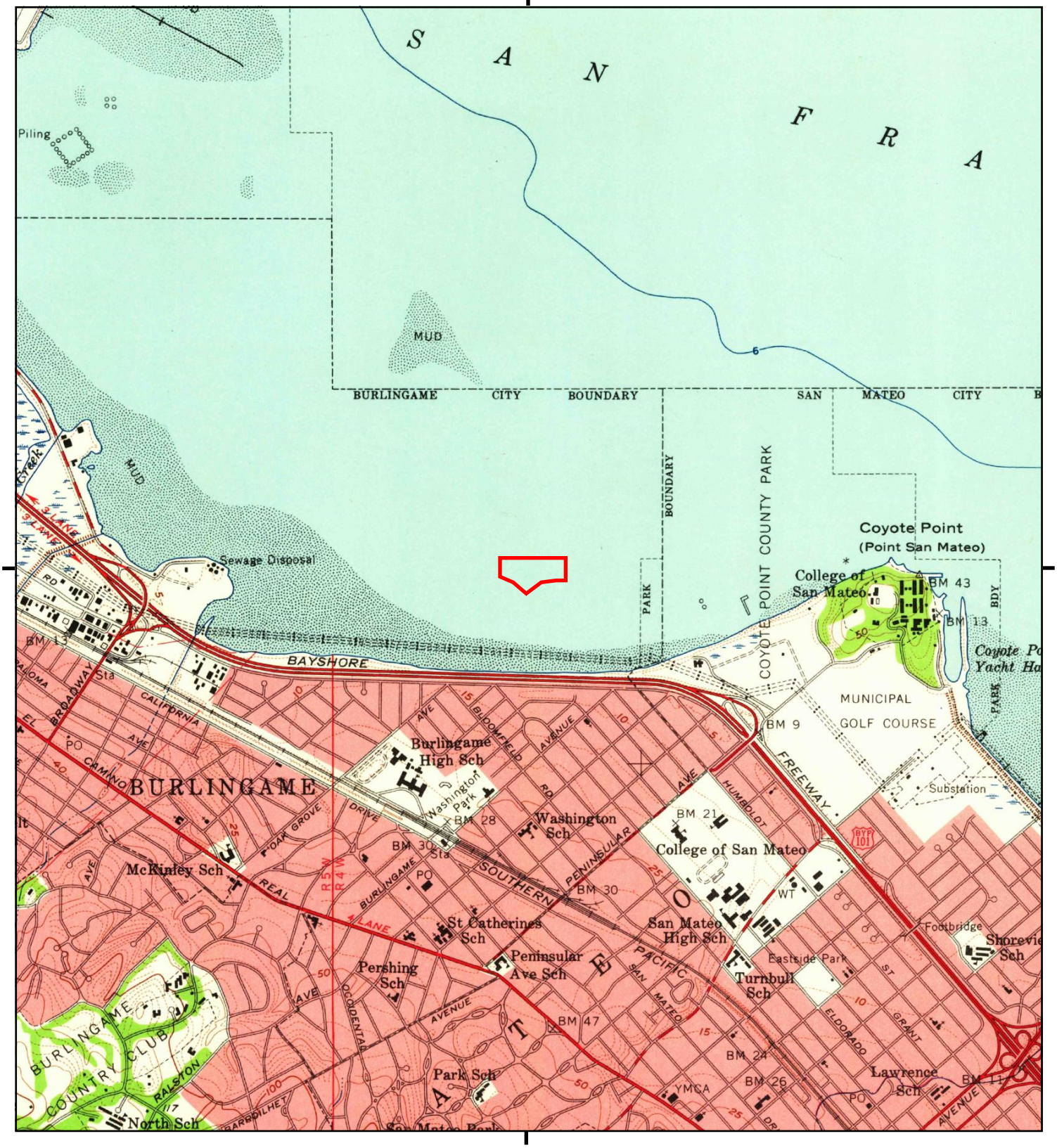
SITE NAME: 410 Airport Boulevard
ADDRESS: 410 Airport Boulevard
Burlingame, CA 94010
CLIENT: ICF Jones and Stokes

N



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W E
SW S SE

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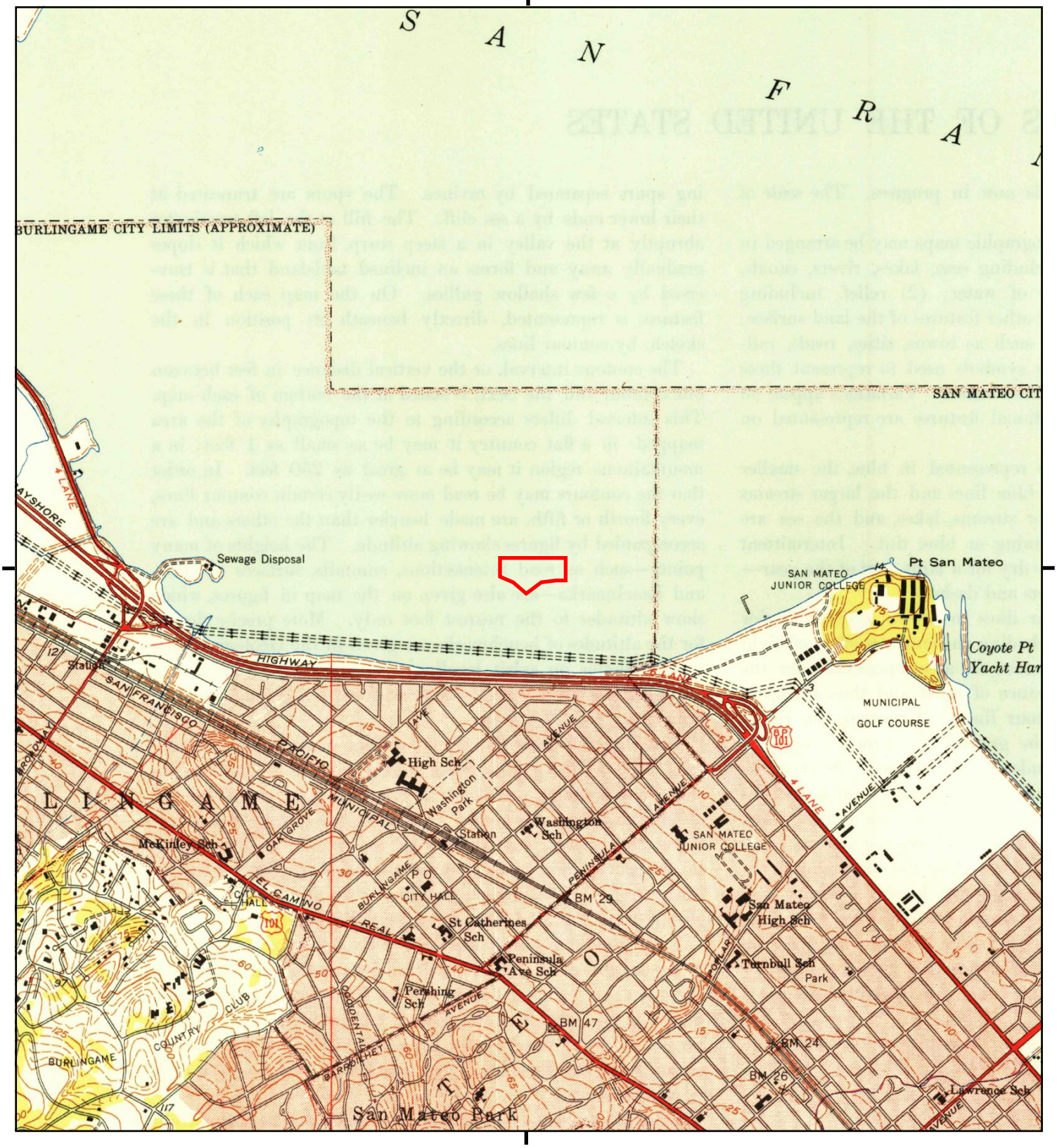
SITE NAME: 410 Airport Boulevard
ADDRESS: 410 Airport Boulevard
Burlingame, CA 94010
CLIENT: ICF Jones and Stokes

N



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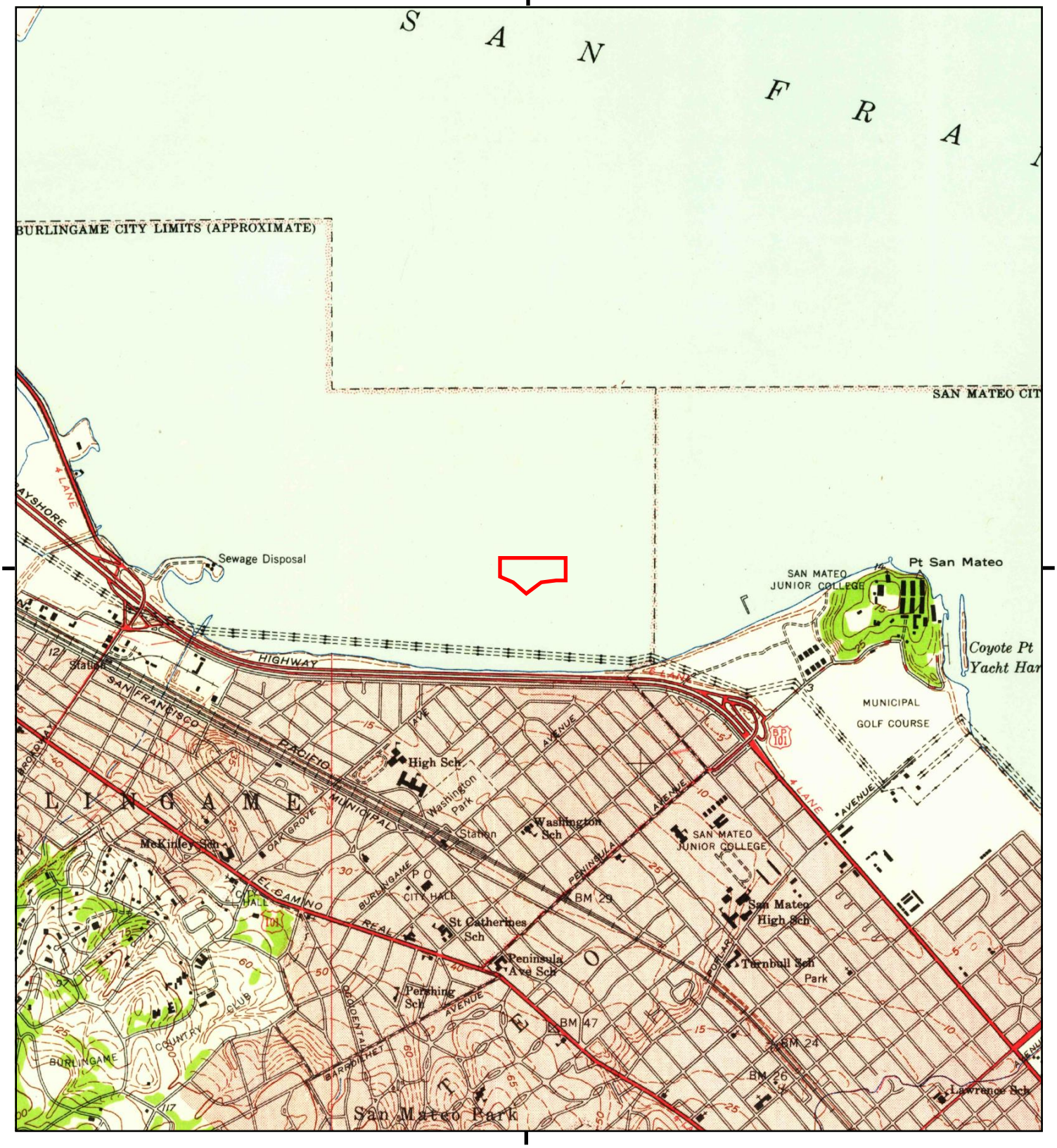
W E
SW S SE

TP, San Mateo, 1949, 7.5-minute

SITE NAME: 410 Airport Boulevard
ADDRESS: 410 Airport Boulevard
Burlingame, CA 94010
CLIENT: ICF Jones and Stokes

N



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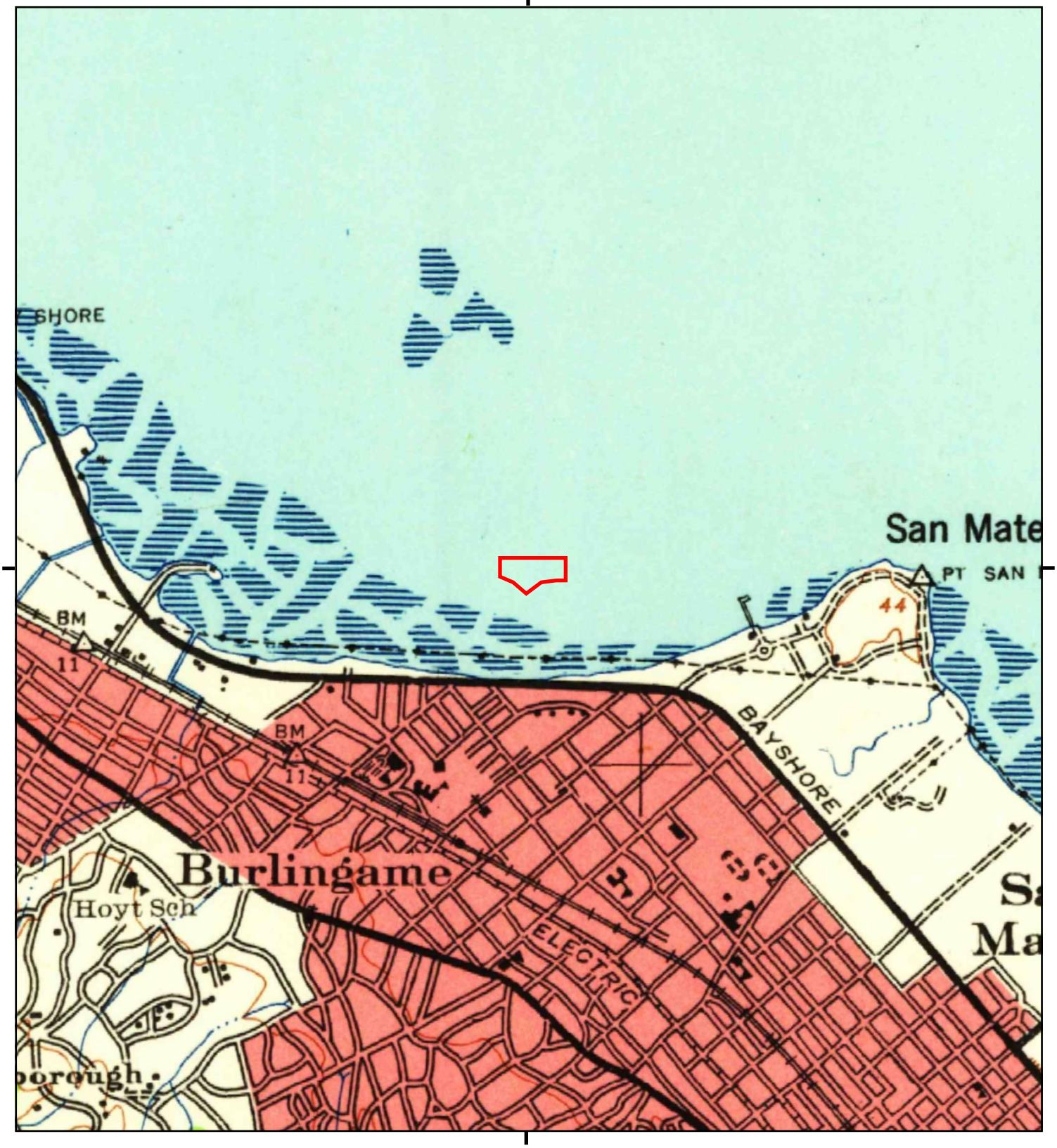
NW N NE
W E
SW S SE

TP, San Mateo, 1947, 7.5-minute

SITE NAME: 410 Airport Boulevard
ADDRESS: 410 Airport Boulevard
Burlingame, CA 94010
CLIENT: ICF Jones and Stokes

N



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NW N NE
W E
SW S SE

TP, San Mateo, 1939, 15-minute

SITE NAME: 410 Airport Boulevard
ADDRESS: 410 Airport Boulevard
Burlingame, CA 94010
CLIENT: ICF Jones and Stokes

N

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Mateo, 1915, 15-minute

SITE NAME: 410 Airport Boulevard
ADDRESS: 410 Airport Boulevard
Burlingame, CA 94010
CLIENT: ICF Jones and Stokes

N

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Mateo, 1899, 15-minute

SITE NAME: 410 Airport Boulevard
ADDRESS: 410 Airport Boulevard
Burlingame, CA 94010
CLIENT: ICF Jones and Stokes

N

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Mateo, 1896, 15-minute

SITE NAME: 410 Airport Boulevard
ADDRESS: 410 Airport Boulevard
Burlingame, CA 94010
CLIENT: ICF Jones and Stokes

N

Attachment 3:

Soil Management Plan

SOIL MANAGEMENT PLAN
Burlingame Shoreline Park
410 Airport Boulevard
Burlingame, California

Prepared For:

The SPHERE Institute
500 Airport Boulevard, Suite 340
Burlingame, California

Prepared By:

Langan Engineering and Environmental Services, Inc.
1 Almaden Boulevard, Suite 590
San Jose, California 95113

Daniel Wood
Senior Staff Geologist

Peter J. Cusack
Associate Principal/Vice President

7 December 2023
770634903

LANGAN

Technical Excellence
Practical Experience
Client Responsiveness

7 December 2023

Mr. William Johnson
The SPHERE Institute
500 Airport Boulevard, Suite 340
Burlingame, California

SUBJECT: Soil Management Plan
Burlingame Shoreline Park
410 Airport Boulevard
Burlingame, California
Langan Project No. 770634903

Dear Mr. Johnson:

Langan Engineering and Environmental Services, Inc. (Langan) is pleased to submit this report titled "Soil Management Plan" (SMP) for on behalf The SPHERE Institute of Burlingame, California (Client), for the proposed Burlingame Shoreline Park development located at 410 Airport Boulevard in Burlingame, California. This SMP presents soil management practices and procedures to be employed during construction activities associated with the proposed development project. Practices and procedures proposed are based on the results of environmental investigation activities conducted at the site.

We appreciate the opportunity to assist you with this project. If you have any questions or need any information clarified, please call Mr. Peter J. Cusack at (408) 283-3615.

Sincerely yours,
Langan Engineering and Environmental Services, Inc.

Daniel Wood
Senior Staff Geologist

Peter J. Cusack
Associate Principal/VP

770634903.03 Soil Management Plan Report_Burlingame Shoreline Park_410 Airport Blvd

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SOIL MANAGEMENT PLAN
Burlingame Shoreline Park
410 Airport Boulevard
Burlingame, California

Langan Engineering and Environmental Services, Inc. (Langan) has prepared this soil management plan (SMP) for the proposed Burlingame Shoreline Park development project at 410 Airport Boulevard (site) in Burlingame, California (Figure 1). The site is bound by Airport Boulevard and Bay View Place to the south, an asphalt parking lot for the Kincaid Restaurant to the west, the San Francisco Bay Trail and Bay to the north, and Sanchez Channel to the east (Figure 2). The project area is approximately nine acres. Currently, the majority of the site is covered with weeds, brush and trees. The western and eastern edges of the site are gravel and asphalt paved, respectively. A seawall borders the north and east property lines. In addition, a chain link fence surrounds the majority of the project site with one access gate along Airport Boulevard.

The site is within a broad area of tidal slough and marshland reclaimed along the peninsula section of San Francisco Bay. Historically, reclamation in these low-lying areas involved constructing dykes and draining enclosed tracts, then capping the surface with a layer of imported fill. Based on a review of historical aerial photographs and topographic maps, the existing fill was most likely placed in the 1970s.

1.0 PROJECT DESCRIPTION

Based on schematic design drawings by H.T. Harvey & Associates, the project landscape architect (H.T. Harvey, 2020), we understand plans for the project consist of constructing a new park that includes the following:

- an at-grade education center with a potential green roof;
- an elevated boardwalk;
- an approximately 3-acre tidal salt marsh that will be created by breaching the existing seawall and excavating the northern portion of the project site. The 3-acre marsh includes tidal marsh (approximately 1.5-acre) and marsh-upland ecotone (approximately 1.5-acre);
- a paved kite surfing water access;
- a kayak launch in Sanchez Channel;
- paved parking area;

- landscape mounds; and
- pedestrian pathway that will be an extension of the Bay Trail.

In addition, site improvements such as asphalt, concrete, paver, or chip seal pedestrian pathways, park benches, picnic tables, light poles, signage, trash receptacles, and bike racks are also planned.

The elevation contours on the schematic design plan show the marsh will be graded to approximately Elevation seven to 11 feet, with the new marsh area at a finished grade of approximate Elevation three feet. A landscape berm at the center of the site will have a maximum finished grade of approximate Elevation 20 feet, requiring the placement of up to about 12 feet of new fill.

2.0 PREVIOUS GEOTECHNICAL REPORTS

Langan previously prepared a preliminary geotechnical study[1] at the project site for a proposed development that was not constructed. In addition, we prepared a geotechnical investigation report[2] for the new pedestrian bridge over Sanchez Channel. Based on our review of the 2017 and 2019 available data from our subsurface investigations, the site was underlain by approximately nine to 20 feet of fill. The fill generally consisted of stiff silts and medium dense sands and gravels, with trace brick fragments. The fill overlies a layer of weak, compressible marine clay known locally as Bay Mud. The thickness of Bay Mud underlying the project site ranged from approximately two to 11 feet. The Bay Mud is underlain by interbedded layers of medium stiff to hard clays and interbedded layers of medium dense to dense sand and gravel. Groundwater had been encountered from approximately four to 13 feet below the existing ground surface (bgs). We expect groundwater levels at the site to fluctuate considerably based on tidal conditions. Based on topographic survey of the project site (BKF, 2021), the project site's existing ground surface elevations range from approximately Elevations 10 to 14 feet[3].

[1] "Preliminary Geotechnical Investigation, Burlingame Bay Park Hotel, Burlingame, California, Langan Project No. 770634901," dated 6 February 2017.

[2] "Revised Geotechnical Investigation, Burlingame Point, Pedestrian Bridge, Burlingame, California, Langan Project No. 730227807,"dated 2 April 2019.

[3] All elevations reference North American Vertical Datum of 1988 (NAVD88).

3.0 ENVIRONMENTAL SUBSURFACE INVESTIGATIONS (OCTOBER 2020 AND AUGUST 2022)

To assist in the characterization of the site's subsurface conditions for the proposed Burlingame Shoreline Park development project, in October 2020 Langan advanced a total of seven exploratory borings to a depth of approximately 15 feet bgs throughout the site for the collection and analyses of soil samples. In addition, H.T Harvey & Associates excavated 15 exploratory test pits to depths of five to nine feet bgs throughout the site for visual soil classification and collection and analyses of soil samples.

On 9 October and 12 October 2020, a total of seven environmental borings (S-1 through S-7) were advanced at the site for the collection of soil samples for analytical testing. The borings were advanced to a depth of approximately 15 feet bgs. The exploratory boring locations are shown on Figure 2. Based on the depth of the proposed excavation and in an effort to adequately characterize the soil that may be off-hauled during development activities, soil samples were collected at the following approximate depths (where applicable) of 1.5, 3.0, 5.0, 10, and 15 feet bgs.

On 20 October 2020, an additional 15 shallow test pits (S-8 through S-22) were advanced by H.T. Harvey & Associates throughout the site as shown on Figure 2. Langan observed the sampling for visual and olfactory indications of possible contamination. Based on these observations, Langan collected additional soil samples from test pits S-8 (Sample ID: TP-S8), S-10 (Sample ID: TP-S10), S-11 (Sample ID: TP-S11), S-17 (Sample ID: TP-S17), and S-22 (Sample ID: TP-S22). H.T. Harvey also conducted their own sampling at each location and the results of H.T. Harvey & Associates investigation are presented under a separate cover.

Based on the analytical results of the October 2020 sampling, additional soil sampling was performed on 18 and 19 August 2022 to further delineate hazardous and non-hazardous soil at the site. To achieve this, a total of 44 additional shallow borings were drilled using a direct push drill rig to characterize the extent of Class I Non-RCRA hazardous waste and Class II non-hazardous waste at the site that will be disturbed during the restoration project. Soil samples were collected from the north, east, south and west of each of the borings at the following approximate depths (where applicable) of 1.5, 2.0, 3.0, 10, and 10.5 feet bgs as shown on Figure 2. In addition to characterizing the extent of the Class I and Class II material on the site, Langan collected samples from three additional boring locations (H1 through H3) to a max depth of nine feet bgs. Two composite samples were collected from each boring location; one representative from depths of three to six feet bgs (representing the future Marsh plain and

subgrade) and one representative from depths of six to nine feet bgs (representing the future marsh channel and subgrade).

All environmental drilling was conducted by Gregg Drilling & Testing of Martinez, California using direct push drilling. Soil sample ends were covered with Teflon, sealed with plastic end caps, labeled and stored on ice until delivery to the analytical laboratory. Boring logs from the 2020 subsurface investigation are presented in Appendix A as Figures A-1 through A-7. The material encountered was classified according to the soil classification system described on Figure A-8. Boring logs from the 2022 subsurface investigation are presented in Appendix B as Figures B-1 through B-44. The material encountered was classified according to the soil classification system described on Figure B-45.

All soil samples were delivered under chain-of-custody control to McCampbell Analytical Laboratory, Inc. (McCampbell), a California Department of Public Health certified analytical laboratory in Pittsburg, California.

4.0 SAMPLE SELECTION AND ANALYTICAL TESTING

4.1 Soil Analyses

Soil Analyses

The soil samples from the October 2020 and August 2022 were submitted to McCampbell for some or all of the following analyses:

- total petroleum hydrocarbons as gasoline (TPHg), TPH as diesel (TPHd), and TPH as motor oil (TPHmo) by EPA Method 8015;
- volatile organic compounds (VOCs) by EPA Method 8260;
- semi-volatile organic compounds (SVOCs) by EPA Method 8270;
- polychlorinated biphenyls (PCBs) by EPA Method 8082;
- organochlorine pesticides (OCPs) by EPA Method 8081;
- California assessment manual (CAM) 17 metals by EPA Method 6010B; and
- Asbestos by California Air Resource Board (CARB) 435.

Analytical results for metal concentrations in soil were compared to the total threshold limit concentration (TTLC). Samples with concentrations of any metal in milligrams per kilogram

(mg/kg) greater than ten times the soluble threshold limit concentration (STLC) value (in milligrams per liter [mg/L]) were also analyzed for soluble metals using the California waste extraction test (WET) method and for analysis by the Federal toxicity characteristic leaching potential (TCLP). These analyses were performed to assess if metal concentrations in soil were at State and/or Federal hazardous waste levels.

Chemical compounds in soil with concentrations greater than ten times the soluble threshold limit concentration (STLC) were also analyzed for solubility using the California waste extraction test (WET) method. Any total threshold limit concentration (TTLC) exceeding 20 times the toxicity characteristic leaching procedure (TCLP) value, or if the STLC value after analysis with the WET method exceeded the State of California hazardous waste criteria the compound was also analyzed by the Federal TCLP analysis. These analyses were necessary to assess if concentrations exceed State (STLC) and/or Federal (TCLP) hazardous waste criteria for landfill disposal restrictions.

5.0 LABORATORY TEST RESULTS AND EVALUATION

The laboratory analytical results are discussed below and summarized on Tables 1 2, and 3. Copies of the certified laboratory analytical reports for the environmental data collected by Langan are presented in Appendix C. Analytical results were compared to the San Francisco Bay Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs)[4], and State and Federal hazardous waste criteria for landfill disposal considerations. Where applicable, Langan compared analytical results to both the Cancer Risk and Non-Cancer Hazard ESLs to evaluate concentrations in soil.

5.1 Soil Analytical Results

Soil analytical results for petroleum hydrocarbons, VOCs, and SVOCs parameters are summarized on Table 1 and OCPs, PCBs, and asbestos parameters are summarized in Table 2.

TPHg was detected in seven of the 37 soil samples analyzed at concentrations ranging from 1.0 milligram per kilogram (mg/kg) to 4.0 mg/kg. None of the samples exceeded the commercial ESL of 2,000 mg/kg. TPHd was detected in 32 of the 37 soil samples analyzed at concentrations

[4] RWQCB ESLs: Soil Direct Exposure Human Health Risk Levels, Shallow Soil Exposure (Table S-1); Groundwater Maximum Contaminant Levels (MCLs), Direct Exposure Human Health Risk Levels (Table GW-1).

ranging from 1.5 mg/kg to 2,600 mg/kg. One sample collected from TP-S22 at a depth of approximately 2.7 feet bgs exceeded the commercial ESL of 1,200 mg/kg.

TPHmo was detected in 36 of the 37 soil samples analyzed at concentrations ranging from 7.4 mg/kg to 3,300 mg/kg. None of the samples exceeded the commercial ESL of 180,000 mg/kg.

A total of four VOCs (carbon disulfide, cis-1,2-dichloroethene, 4-isopropyl toluene, and trichloroethene) were detected at low levels above the laboratory reporting limits in at least one of the 27 soil samples analyzed. No detections of VOCs exceeded their respective ESLs.

A total of 18 SVOCs (acenaphthylene, anthracene, benzo (a) anthracene, benzo (a) pyrene, benzo (b) fluoranthene, benzo (g,h,i) perylene, benzo (k) fluoranthene, bis (2-ethylhexyl) phthalate, dibenzo (a,h) anthracene, chrysene, fluoranthene, fluorene, indeno (1,2,3-cd) pyrene, 1-methylnaphthalene, 2-methylnaphthalene, naphthalene, phenanthrene, and pyrene), were detected above the laboratory reporting limits in at least one of the 27 soil samples analyzed. No detections of SVOCs exceeded their respective ESLs.

A total of 14 OCPs (chlordane, a-chlordane, g-chlordane, p,p-DDD, p,p-DDE, p,p-DDT, dieldrin, endosulfan I, endosulfan II, endosulfan sulfate, endrin aldehyde, heptachlor, heptachlor expoxide, and methoxychlor) were detected at low levels above the laboratory reporting limits in at least one of the 13 soil samples analyzed. No detections of OCPs exceeded their respective ESLs.

No PCBs were detected above laboratory reporting limits in any of the seven soil samples analyzed.

Asbestos was detected in one of the nine soil samples analyzed above the laboratory reporting limit at a concentration of 0.5%. The soil sample was collected from boring S-5 at a depth of 9.5 feet to 10 feet bgs exceeded the California Air Resources Board screening level for asbestos at 0.25%.

Soil analytical results for metal parameters are summarized in Table 3 and were compared to RWQCB commercial ESLs, California TTLC, the State of California hazardous waste criterion (STLC), and the Federal hazardous waste criterion (TCLP).

Arsenic was detected in all 32 soil samples analyzed at concentrations ranging from 2.2 mg/kg to 17 mg/kg which exceeded the commercial ESL of 0.31 mg/kg. One sample collected from

S3 from a depth of 1.0 foot to 1.5 feet bgs exceeded the typical background concentration of arsenic in the Bay Area of 11 mg/kg.

Barium was detected in all 27 soil samples analyzed at concentrations ranging from 54 mg/kg to 560 mg/kg, none of which exceeded the commercial ESL or hazardous waste criteria for barium.

Cadmium was detected in seven of the 27 soil samples analyzed at concentrations ranging from 0.52 mg/kg to 11 mg/kg, none of which exceeded the commercial ESL for cadmium. Cadmium was detected at concentrations above 10 mg/kg but below 100 mg/kg in one of the soil samples. The sample was subsequently analyzed for STLC cadmium. STLC cadmium was not detected above the reporting limit of 0.05 mg/L, which was below the State of California hazardous waste criteria of 1.0 mg/L.

Total chromium was detected in all 27 soil samples analyzed at concentrations ranging from 3.6 mg/kg to 580 mg/kg, none of which exceeded the commercial ESL for chromium. Total chromium was detected at concentrations above 50 mg/kg but below 2,500 mg/kg in 20 soil samples, five of which had a concentration above 100 mg/kg. Six samples with high chromium concentrations were subsequently analyzed for STLC chromium. STLC was detected in five of the samples at concentrations ranging from 0.19 mg/L to 6.3 mg/L, with one sample exceeding the State of California hazardous waste criteria of 5.0 mg/L. Two samples were subsequently analyzed for TCLP chromium, with no detection above the reporting limits of 0.10 mg/L.

Cobalt was detected in all 27 soil samples analyzed at concentrations ranging from 7.3 mg/kg to 51 mg/kg, none of which exceeded the commercial ESL or hazardous waste criteria for cobalt.

Copper was in all 27 soil samples analyzed at concentrations ranging from 9.6 mg/kg to 150 mg/kg, none of which exceeded the commercial ESL or hazardous waste criteria for copper.

Lead was detected in all 42 samples analyzed at concentrations ranging from 8.8 mg/kg to 440 mg/kg. Lead was detected in sample S-5-9.5-10 at a concentration of 440 mg/kg, exceeding the commercial ESL of 320 mg/kg. Lead was detected at concentrations above 50 mg/kg but below 1,000 mg/kg in thirteen soil samples, seven of which at concentrations above 100 mg/kg. Eleven of these samples were subsequently analyzed for STLC lead. STLC lead was detected above the reporting limit in all samples analyzed at concentrations ranging from 1.0 mg/L to 8.4 mg/L, four of which (S-2-2-1.5, S-4-2.5-3, S-5-9.5-10, and S-4S-30) exceeded the State of California hazardous waste criteria of 5.0 mg/L. Seven soil samples that had total lead

concentrations above 100 mg/kg were subsequently analyzed for TCLP lead. TCLP lead was detected in three soil samples at concentrations ranging from 0.20 mg/L to 0.96 mg/L. These TCLP detections did not exceed the RCRA hazardous waste criteria of 5.0 mg/L.

Nickel was detected in all 27 samples analyzed at concentrations ranging from 46 mg/kg to 920 mg/kg, none of which exceeded the commercial ESL for nickel. Nickel was detected at concentrations above 200 mg/kg but below 2,000 mg/kg in four soil samples. The two samples with the highest concentrations of nickel were subsequently analyzed for STLC nickel. STLC nickel was detected at concentration of 3.1 mg/L and 5.1 mg/L, which are below the State of California hazardous waste criteria of 20.0 mg/L.

All other soil samples analyzed for metals were either below laboratory reporting limits, below respective screening levels or within normal[5] background ranges found in the western United States, specifically the San Francisco Bay Area.

6.0 SUBSURFACE CONDITIONS

Available geologic and geotechnical information indicates the site is underlain by alluvial deposits consisting of interbedded layers of clay, silt, sand and gravel. Subsurface data from Langan's subsurface investigations indicate that the upper four to 16 feet of soil consists of silty sandy, clayey sand, to sandy clay fill material. Fragments of brick, wood, and other debris were observed within the layer of fill. The fill appeared to be heterogeneous and did not appear to have been engineered in place. The fill material was underlain by Bay Mud to the bottom of the borings. The Bay Mud observed was approximately 1½ to 11 feet thick. This was underlain by medium stiff to hard clay and sandy clay and interbedded layers of medium dense to very dense sand and gravel with varying amounts of silt and clay to the maximum depths explored. Historically, groundwater was encountered at depths between four and 13 feet bgs.

7.0 DISCUSSION

Based on the soil samples collected, the fill material on site appears to be impacted with petroleum hydrocarbons, heavy metals, and asbestos. Elevated concentrations of soluble lead were detected at borings S-1 at a depth of 1.0 feet to 1.5 feet bgs, S-4 at a depth of 2.5 feet to 3.0 feet bgs; S-4S at a depth of 3.0 feet bgs, and S5 at a depth of 9.5 feet to 10 feet bgs exceeded the State of California non-RCRA hazardous waste criteria. An elevated concentration of soluble

[5] Environmental Resources Management. *Feasibility Study, Hookston Station, Pleasant Hill, California*. Appendix A, Table A-2, "Comparison of Background Concentrations of Metals in Bay Area Soils," July 2006.

chromium was detected boring H-1 at a depth of 6.0 feet to 9.0 feet bgs exceeded the State of California non-RCRA hazardous waste criteria. The approximate locations and depths of State of California non-RCRA hazardous material in soil is shown on Figure 3.

Based on the elevated concentrations of petroleum hydrocarbons detected in test pit S-22 at a depth of approximately 2.7 feet bgs, this material will likely be disposed as Class II non-hazardous material. In addition, an elevated concentration of arsenic was detected in boring S-3 at a depth of 1.0 to 1.5 feet bgs will most likely need to be disposed of as Class II non-hazardous material. The approximate location and depth of the Class II non-hazardous material in soil is shown on Figure 4.

In addition, asbestos was detected at a concentration of 0.5% in the sample collected at S-5 at a depth of 9.5 to 10 feet bgs.

All remaining material will likely be excavated and disposed of as unrestricted waste depending on the disposal facility's acceptance criteria or reused on site. The reuse of soil on site placed below 11.5 feet NAVD88 for the tidal marsh or ecotone habitat establishment must also comply with the wetland surface screening criteria referenced by the ecological consultants (H.T. Harvey & Associates).

Groundwater was not analyzed as a part of this investigation. Based on the historically shallow groundwater at the site, dewatering activities may be needed during excavation activities. If required, discharge of groundwater must comply with the appropriate regulatory agency dependent on the method of discharge.

8.0 RECOMMENDATIONS FOR ENVIRONMENTAL MANAGEMENT

The most recent analytical results indicate that some of the material present at the site contains elevated concentrations of petroleum hydrocarbons and heavy metals in the soil at the site. The presence of these compounds poses soil management and potential health and safety (H&S) issues to be addressed as part of the site development activities. The soil management objectives for the site are to minimize exposure of potentially hazardous constituents in soil to construction workers, nearby residents and/or pedestrians, and future users of the site. The routes of potential exposure could be through three pathways: 1) dermal (skin) contact with the soil; 2) inhalation of dusts; and 3) ingestion of the soil. The general contractor (GC) would be responsible for establishing and maintaining proper health and safety procedures to minimize worker and public exposure to site contaminants during construction.

The procedures in this SMP are intended to facilitate compliance with applicable federal, state, and local laws and regulations, applicable to earthwork activities at the site as a result of the reported hazardous lead and petroleum hydrocarbon concentrations in the soil.

8.1 Health and Safety Measures

The contractor will be responsible for establishing and maintaining proper H&S procedures to minimize worker and public exposure to Site contaminants during construction.

8.1.1 Health and Safety Plan

The potential health risk to on-Site construction workers and the public will be minimized by developing and implementing a comprehensive HASP, which has been prepared by a certified industrial hygienist (CIH) representing the contractor.

The purpose of the HASP is to provide field personnel with an understanding of the potential chemical and physical hazards, protection of any off-site receptors, procedures for entering the project Site, H&S procedures, and emergency response to hazards should they occur. All project personnel shall read and adhere to the procedures established in this HASP. A copy of this plan will be kept on Site during field activities and will be reviewed and updated as necessary.

The HASP will describe the H&S training requirements i.e., trained in accordance with Section 1910.120 of 29 Code of Federal Regulations (HazWoper training), specific personal hygiene, and monitoring equipment that will be used during construction to protect and verify the H&S of the construction workers and the general public from exposure to constituents in the soil.

8.1.2 Health and Safety Officer

A site health and safety officer (HASO) identified in the HASP will be on site at all times during excavation activities to ensure that all H&S measures are maintained. The HASO will have authority to direct and stop (if necessary) all construction activities in order to ensure compliance with the HASP.

The general public will be protected through the following measures:

- the site will be fenced;
- exposed soil at the construction Site will be watered at least twice a day to prevent visible dust from migrating off-site;

- stockpiles will be covered;
- water will be misted or sprayed during the loading of material onto trucks for off haul;
- trucks transporting contaminated material will be covered with a tarpaulin or other cover;
- the wheels of the trucks exiting the site will be cleaned prior to entering public streets;
- public streets will be swept daily if material is visible, excavation and loading activities will be suspended if winds exceed 15 miles per hour; and
- the fence will be posted with requirements of the safe drinking water and toxic enforcement act (Proposition 65).

8.2 Soil Management

The proposed construction activities will disturb soil during the mass excavation, site grading, construction of new foundations, utility vaults, and utility lines. During all excavation activities, dust control measures will be implemented to reduce potential exposure. These measures may include moisture-conditioning the soil and covering the exposed soil and stockpiles with weighed down plastic sheeting to prevent exposure of the soil.

The site's HASP will contain additional dust monitoring, action levels, and work stoppage provisions that will be followed during construction activities in addition to those described in this SMP.

The soil management objectives for the site are to minimize exposure of potentially hazardous constituents in soil to construction workers, nearby residents and/or pedestrians, and future users of the site. The routes of potential exposure could be through three pathways: 1) dermal (skin) contact with the soil, 2) inhalation of dusts, and 3) ingestion of the soil. The GC would be responsible for establishing and maintaining proper health and safety procedures to minimize worker and public exposure to Site contaminants during construction.

8.2.1 Material Segregation and Disposal

The results of Langan's subsurface investigations indicate that some material underlying the site contains hazardous concentrations of soluble lead and chromium, which will need to be disposed off-site at a State of California Class I regulated landfill. The area of material containing soluble lead concentrations exceeding the State of California Class I hazardous waste criteria is shown

on Figure 3. We estimate approximately 756 cubic yards of Class I State of California hazardous material will be transported and disposed off-site.

Additionally, some material underlying the site contains non-hazardous concentrations of petroleum hydrocarbons and arsenic which will need to be disposed off-site at a Class II regulated landfill. The area of material containing petroleum hydrocarbon and arsenic concentrations exceeding the Class II non-hazardous waste criteria is shown on Figure 4. We estimate approximately 119 cubic yards of Class II non-hazardous material will be transported and disposed off-site.

Based on the excavation and grading depths anticipated for the Site development, it is anticipated that soil excavated during the construction activities will be directly loaded into trucks for off-site disposal; if necessary, other means for disposal of soils include use of bins for containing soil prior to transport and off-site disposal.

8.2.2 Soil Stockpiling Procedures

If soil stockpiling of suspected contaminated soil is to be performed, the excavation contractor shall establish appropriate soil stockpile locations on the site to properly segregate, cover, control dust, profile, and manage the excavated soil. At a minimum, stockpiled soils will be placed on top of one layer of 20-mil polyethylene sheeting (or equivalent), such as VisQueen®. When stockpiled soil is not actively being handled, top sheeting will be adequately secured so that all surface areas are covered. All stockpiling activities must be in compliance with this SMP.

8.2.3 Soil Tracking and Disposition

The contractor will establish appropriate off-Site disposal locations and direct truck loading scheduling and/or stockpile locations on the Site to properly segregate, cover, moisture control, and profile the excavated material. Profiling criteria will ultimately depend on the acceptance criteria of the facilities receiving the material. These procedures will be established by the excavation contractor and coordinated with the proposed facilities prior to initiating excavation.

The contractor, on behalf of the owner, will be responsible for tracking final material dispositions. Any excavated material considered State of California or Federal RCRA hazardous waste) will be tracked using the Uniform Hazardous Waste Manifest System (USEPA Form 8700-22), as applicable. Material not considered hazardous waste will be tracked using non-hazardous bills of lading. These two systems will be used to comply with appropriate state and local requirements. All manifests and bills of lading will be provided to Langan during the excavation activities.

The contractor will arrange for transportation of all wastes off-site. The excavated material waste will be transported to the appropriate disposal facility using a permitted, licensed, and insured transportation company. Transporters of hazardous waste must meet the requirements of 40 CFR 263 and 22 CCR 66263. All trucks transporting bulk hazardous waste will be properly lined and covered with compatible materials.

If any material that is to be exported off-site that is characterized as a hazardous waste, an appropriate USEPA Generator Identification Number will be recorded on the hazardous waste manifests used to document transport of hazardous waste off-site. The hazardous waste transporter, disposal facility, and U.S. Department of Transportation (DOT) waste description required for each manifest will be determined on a case-by-case basis. A description of the number of containers being shipped, the type of container, and the total quantity of waste being shipped will also be included on each manifest.

The contractor will be responsible for accurate completion of the hazardous waste manifests and non-hazardous bills of lading. Records of all wastes shipped off-site will be maintained by the contractor and will be made available for inspection on request. The final destination of wastes transported off-site will be documented in the Soil Management Completion Report (Section 6.0).

The following records will be kept by the owner for the indicated length of time:

1. Copies of uniform hazardous waste manifests signed by the designated waste disposal facility will be retained for at least five years from the date the waste was accepted by the initial transporter.

2. All records pertaining to the characterization of hazardous or nonhazardous waste will be retained for a minimum of three years.

8.2.4 On-Site Movement of Soils

Soil within the boundaries of the site may be moved within or between various portions of the site outside of the tidal marsh and ecotone (above 11.5 feet NAVD88), managed and re-used without need for sampling, provided the soils are not adjacent to documented or newly discovered impacted soil or unanticipated subsurface conditions. Prior to moving and reusing soil on the site, Langan must be notified and approve of the proposed use. Langan approved representatives must also visually inspect the soil proposed for reuse prior to reusing the soil. Prior to moving any soil into the tidal marsh or ecotone below 11.5 feet NAVD88, the qualified

owner's representative (e.g., H.T. Harvey & Associates) must review and approve import soil to ensure it meets the RWQCB/BCDC's contaminant criteria to protect aquatic life.

To reuse material exceeding 2019 Residential ESLs (Class II non-hazardous material) on site, Langan must be notified and approve of the reuse. The Class II non-hazardous material can potentially be placed in an excavation pit that is wrapped with a geotextile fabric or other visible marker (orange construction fencing or marker fabric) that physically separates the Class II non-hazardous material from the clean soil on site. The impacted material would either need to be capped with two feet of clean fill material or hardscape.

If the final depth of the excavation does not extend beyond the State of California Class I non-RCRA hazardous material and it is left in place, a geotextile fabric or other visible marker (orange construction fencing or marker fabric) that physically separates the impacted material must be used. The impacted material must then be capped with a minimum of two feet of clean fill material or hardscape. Once excavated, the Class I non-RCRA hazardous material can only be reused below the hardscape of the proposed building or under asphalt and/or concrete hardscape. Reuse of Class I non-RCRA material will require regulatory approval. A representative of Langan will be on-site during excavation, and placement activities to ensure the proper handling of the hazardous material.

A Cap Maintenance Plan (CPM) will need to be prepared if any State of California Class I non-RCRA hazardous material or Class II non-hazardous material is left on site. The CMP will provide the basis of a recorded Deed Notification, if needed, of the actual soil conditions remaining at the site.

8.2.5 Soil Import Criteria (If Needed)

Unless from a documented clean source such as a quarry, soil imported onto the site for use in uplands above 11.5 feet NAVD88 will be tested in accordance with the "Clean Imported Fill Material" information advisory developed by the California DTSC in October 2001. Soil imported for use in the ecotone or tidal marsh below 11.5 feet NAVD88 will need to follow guidance in the most up-to date version of the Master Quality Assurance Project Plan for the San Francisco Bay Don Edwards National Wildlife Refuge approved by the RWQCB (i.e., U.S. Fish and Wildlife Service and H.T. Harvey & Associates 2021[6].

[6] U.S. Fish and Wildlife Service and H. T. Harvey & Associates. Master Quality Assurance Project Plan for Don Edwards San Francisco Bay National Wildlife Refuge. Revised October 6, 2021.

In accordance with the DTSC information advisory, import fill will be analyzed for the following:

- TPHd and TPHmo by EPA Method 8015 modified by EPA Method 3630;
- TPHg by EPA Method 8015 modified;
- VOCs by EPA Method 8260;
- SVOCs by EPA Method 8270C;
- CAM 17 Metals by EPA Method 6020;
- OCPs by EPA Method 8081 (for fill source areas formerly used as agricultural land);
- Chlorinated herbicides by EPA Method 8151 (for fill source areas formerly used as agricultural land);
- PCBs by EPA Method 8082; and,
- Asbestos by California Air Resources Board Method 435 (CARB).

For in-place import material, the following sampling frequency is required:

- two acres or less – a minimum of four samples;
- two to four acres – a minimum of one sample per 1/2 acre;
- four to 10 acres - a minimum of eight samples; and,
- greater than 10 acres- a minimum of eight locations with four subsamples per location.

For excavated and stockpiled import material, the following sampling frequency is required:

- up to 1,000 cubic yards (cy) – one sample per 250 cy;
- 1,000 to 5,000 cy – four samples for the first 1,000 cy plus one sample per each additional 500 cy; and,
- greater than 5,000 cy – 12 samples for the first 5,000 cy plus 1 sample per each additional 1,000 cy.

If the chemical properties of an import fill source are known (i.e. quarried material) sampling may not be required. Soil quality parameters for acceptable imported soil are will be based on the 2019 Water Board ESLs from Table S-1, Soil Direct Exposure Human Health Risk Screening Levels for commercial land use. For arsenic, the background level in the Bay Area of 11 mg/kg

will be used in place of the ESL. Import soil with visual or olfactory evidence of petroleum hydrocarbons is prohibited.

8.3 Odor Control

When needed, odor suppression measures will be implemented by the General Contractor to minimize odor during excavation activities. The means to be considered for minimization of odors during excavation activities includes, but are not limited to: (a) limiting the area of open excavations; (b) shrouding open excavations with tarps and other covers; (c) Limiting soil excavation or loading to times when meteorological conditions are conducive to conducting operations (e.g., the predominant wind direction does not direct vapors or odors toward a sensitive receptor); (d) use of foams to cover exposed odorous soil and rock material; (e) use of chemical odorants in spray or misting systems (i.e. Simple Green, ODEX, or Biosolve); and, (e) use of staff to monitor odors in surrounding area.

8.4 Dust Control

Prior to initiating construction activities, a dust control plan (prepared by contractor and specific to this project) will be implemented to reduce potential exposure during excavation and loading operations, and included as an appendix to the site's HASP. This document will contain measures to protect construction workers and the public including: dust control measures and work stoppage provisions that will be followed during construction activities.

During excavation and subsurface demolition activities, a dust control plan will be implemented through implementation of engineering controls, to minimize generation of dust and the potential off-site migration of chemicals in site soil. Dust control measures at a minimum will include:

- Covering soil stockpiles with plastic sheeting.
- Watering uncovered ground surface at the site, use of water will be limited to prevent runoff.
- Misting or spraying of soil during excavation and loading.
- Emplacement of gravel and/or rubble plates on site access roads as feasible.
- Trucks hauling soil from the site will be covered.
- Visible dust will be monitored during excavation and subsurface demolition.
- The soil drop height from an excavator's bucket onto soil piles or into transport trucks will

be minimized.

- Windbreaks will be deployed as necessary.
- If necessary, the area of excavation may be limited to reduce dust generation.
- Site vehicle speed limits.
- Street sweeping.
- Termination of excavation if winds exceed 25 mph.
- Addition of soil stabilizers and other responses as needed.

Misting or spraying will be performed to sufficiently reduce fugitive dust emissions, but limited to prevent water runoff. Efforts will also be made to minimize the soil drop height from an excavator's bucket onto soil piles or into transport trucks.

8.5 Asbestos ATCM Compliance

The site is subject to Title 17 of the California Code of Regulations (17 CCR) Section 93105 CARB Asbestos ATCM for construction, grading, quarrying, and surface mining operations dated July 2002 due to the presence of NOA in the subsurface. The CARB Asbestos ATCM is enforced locally by the Bay Area Air Quality Management District (BAAQMD) and requires construction projects greater than one acre in size, in which NOA, serpentinite, or ultramafic rock is present, to prepare a site-specific ADMP for agency approval. The ADMP will specify dust mitigation measures that must be initiated at the start and maintained throughout the duration of the construction and grading activity per the Asbestos ATCM. Asbestos dust mitigation will be implemented every day that construction and grading activities are performed at the site. Construction and grading activities include any disturbance of surface or stockpiles conducted with powered equipment or any related activity including, but not limited to, all surface and subsurface cuts and fills, excavation, material loading, trenching, stockpiling, auger drilling, bulldozing, and landfilling.

Asbestos dust suppression measures will be implemented by the general contractor and their subcontractors in accordance with the ADMP. In addition, perimeter airborne asbestos monitoring will be conducted every day in which construction and grading activities occur. Typically this includes one upwind and two downwind asbestos dust monitoring locations. Based on air monitoring results, visual observations of fugitive dust and/or complaints of

excessive dust generation by off-site parties, additional dust suppression measures may need to be implemented. The general contractor and their subcontractors will be responsible for conducting the dust control measures presented in the ADMP and for general compliance with Asbestos ATCM during construction and grading activities.

The Asbestos ATCM states that at a minimum the following dust mitigation measures must be initiated at the start and maintained throughout the duration of the construction or grading activity:

- Construction vehicle speed at the work site must be limited to 15 miles per hour or less;
- Prior to any ground disturbance, sufficient water must be applied to the area to be disturbed to prevent visible emissions from crossing the property line;
- Areas to be graded or excavated must be kept adequately wetted[7] to prevent visible emissions from crossing the property line;
- Storage piles must be kept adequately wetted, treated with a chemical dust suppressant, or covered when material is not being added to or removed from the pile;
- Equipment must be washed down before moving from the property onto a paved public road; and
- Visible track-out on the paved public road must be cleaned using wet sweeping or a HEPA filter equipped vacuum device within twenty-four hours.

Per the Asbestos ATCM, the project shall initiate at the start and maintain throughout the duration of the construction earth-disturbing activity the mitigation measures listed above until the site is fully encapsulated with concrete or serpentinite fragments are no longer exposed at the surface (i.e. covered with hardscape and/or landscape).

8.6 Storm Water Pollution Controls

Storm water pollution controls will be implemented to minimize storm water runoff and sediment transport from the Site. A Storm Water Pollution Prevention Plan (SWPPP) will identify Best Management Practices (BMPs) for activities as specified by the California Storm Water Best Management Practices Handbook (Stormwater Quality Task Force, 1993) and/or the Manual of Standards for Erosion and Sediment Control Measures (ABAG, 1995The SWPPP will include

[7] "Adequately Wetted," as defined by the Asbestos ATCM, means sufficiently moistened with water to minimize the release of particulate matter into the ambient air as determined by the test method(s) in subsection (h)(5).

protocols (i.e., earth dikes and drainage swales) to control storm water contact with, or runoff from potentially impacted soil, during wet weather conditions.

8.7 Groundwater Management

Groundwater at the site has been encountered at depths of four feet to 13 feet bgs. Based on the shallow depth of groundwater and anticipated planned grading, construction dewatering may be required. If dewatering is conducted the groundwater discharge must comply with either NPDES requirements if discharging to the storm drain or the City of Burlingame if discharging to the sanitary sewer.

8.8 Contingency Procedures for Unknown/Unexpected Conditions

The following tasks should be implemented during excavation activities if unknown historical subsurface features and/or unanticipated hazardous materials are encountered. Such materials may include unaccounted for underground storage tanks (USTs) and associated product lines, sumps, and/or vaults, former monitoring wells, and soil with significant petroleum hydrocarbon odors and/or stains:

- Stop work in the area where the suspect material is encountered and cover with plastic sheets.
- Notify the General Contractor's site safety officer and site superintendent. The General Contractor will request that Langan conduct a site inspection and will consult with the Langan regarding appropriate follow-up actions in the suspect area.
- Review the existing health and safety plan for revisions, if necessary, and have appropriately trained personnel on-site to work with the affected materials, once directed by the General Contractor.

If necessary, notifications will be performed, permits will be in place prior to subsurface feature removals, and permit conditions will be followed.

If a UST, product line, sump, or vault is found, SMCDEH and Burlingame Fire Department (BFD) will be notified and a licensed tank removal contractor will properly remove and dispose of the UST. Proper permits and notifications should be in place prior to removal of the UST. If soil staining is observed, the affected soil will be placed in a stockpile on plastic sheets and covered with plastic sheets. Langan will complete soil sampling and analysis tasks for UST closure in accordance with SMCDEH, BFD, or appropriate regulatory agency guidelines. Langan will collect and analyze soil samples to determine disposal of the material, the extent of the unexpected area

of apparent petroleum impacted soil, and that impacted material has been appropriately removed. Soil samples collected from beneath fuel pipelines, if any, will be collected beneath joints and elbows and at a frequency of one sample per 20 linear feet.

If stained soil or odors are noted in association with an unknown subsurface feature, plastic sheeting will be placed over the affected area and Langan will be contacted for inspection and appropriate action. If the stained or odor-containing soil is excavated, the soil will be stockpiled onto plastic sheeting and covered with plastic sheeting. Langan will collect and analyze soil samples to determine disposal of the material, the extent of the unexpected area of apparent petroleum impacted soil, and that impacted material has been appropriately removed. Soil samples collected from beneath fuel pipelines, if any, will be collected beneath joints and elbows and at a frequency of one sample per 20 linear feet.

9.0 SOIL MANAGEMENT COMPLETION REPORT

A Soil Management Completion Report (SMCR) will be prepared that summarizes the soil management activities and any subsequent investigative and removal activities that were completed during redevelopment.

The SMCR will present a chronology of the construction events, a summary of analytical data, a copy of all manifests from the site, and a description of all soil management activities at the site. The report will also contain laboratory analytical results and figures, as appropriate, to provide detail regarding the amount and type of contamination encountered (if any) during various activities. The report will also summarize any residual contaminants that were left on the site after completion of redevelopment activities and document that soil handling procedures were implemented in accordance with this SMP.

10.0 MODIFICATIONS TO THE SMP

There may be a need to modify the SMP as site conditions and/or building plans change. Additionally, as implementation of the SMP proceeds, The SPHERE Institute may request revised provisions of the SMP, including those related to the soil and/or groundwater at specified locations within the site. Such requests for modification will be included in amendments to the SMP.

11.0 LIMITATIONS

This SMP has been prepared on behalf of The SPHERE Institute of Burlingame, California (Client) as Agent for itself and other Lenders, its Successors and/ or Assigns, and is specific to the proposed Burlingame Shoreline Park development located at 410 Airport Boulevard in Burlingame, California. All conclusions and recommendations in this report concerning the Site are the professional opinions of the Langan personnel involved with the project, and this report should not be considered a legal interpretation of existing environmental regulations. Opinions presented herein apply to site conditions existing at the time of our assessment, and cannot necessarily be taken to apply to site changes or conditions of which we are not aware and have not had the opportunity to evaluate. This SMP does not address hazardous materials that may be encountered in aboveground structures, such as asbestos-containing materials or lead-based paint.

TABLES

Table 1
Soil Analytical Results for TPH, VOCs and SVOCs
Burlingame Shoreline Park
410 Airport Boulevard
Berlingame, California

Sample ID	Sample Depth (feet)	Date Sample	TPHg	TPHd	TPHmo	VOCs					SVOCs																	
						Carbon Disulfide	cis-1,2-Dichloro-ethene	4-Isopropyl toluene	Trichloro-ethene	All Other VOCS	Acenaph-thylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoran-thene	Benzo (g,h,i) perylene	Benzo (k) Fluoran-thene	Bis (2-ethylhexyl) Phthalate	Dibenzo (a,h) anthracene	Chrysene	Fluoran-thene	Fluorene	Indeno (1,2,3-cd) pyrene	1-Methylnaph-thalene	2-Methylnaph-thalene	Naphtha-lene	Phenan-threne	Pyrene	All Other SVOCs
			(mg/kg)																									
S-1-1-1.5	1-1.5	10/09/20	< 1.0	5.3	97	< 0.005	< 0.005	< 0.005	< 0.005	ND	< 0.0065	< 0.0065	< 0.065	0.025	< 0.032	0.032	0.013	< 0.12	< 0.012	0.014	0.022	< 0.012	< 0.065	< 0.0065	< 0.012	< 0.0065	< 0.025	0.02	ND
S-1-4.5-5	4.5-5	10/09/20	< 1.0	1.7	34	< 0.005	< 0.005	< 0.005	< 0.005	ND	< 0.0026	0.0054	< 0.026	0.023	0.025	0.016	0.008	< 0.05	0.0055	0.017	0.043	< 0.005	< 0.026	< 0.0026	< 0.005	< 0.0026	0.026	0.031	ND
S-1-14.5-15	14.5-15	10/09/20	< 1.0	7.9	56	< 0.005	< 0.005	< 0.005	< 0.005	ND	< 0.0026	< 0.0026	< 0.026	< 0.005	< 0.013	0.0079	0.0026	< 0.05	< 0.005	< 0.005	< 0.0026	< 0.005	< 0.026	< 0.01	< 0.005	< 0.0026	< 0.01	< 0.005	ND
S-2-1-1.5	1-1.5	10/12/20	< 1.0	34	470	< 0.005	< 0.005	< 0.005	< 0.005	ND	0.024	0.029	< 0.13	0.13	0.13	0.13	0.059	< 0.25	0.035	0.09	0.14	< 0.025	< 0.13	< 0.013	< 0.025	< 0.013	0.072	0.15	ND
S-2-2.5-3	2.5-3	10/12/20	< 1.0	6.4	66	< 0.005	< 0.005	< 0.005	< 0.005	ND	0.013	0.011	0.071	0.11	0.11	0.10	0.034	< 0.12	0.023	0.067	0.13	< 0.012	0.093	< 0.0065	< 0.012	< 0.0065	0.048	0.14	ND
S-2-14.5-15	14.5-15	10/12/20	< 1.0	36	91	0.0060	< 0.005	< 0.005	< 0.005	ND	< 0.0026	0.0031	< 0.026	0.014	< 0.013	0.011	0.0036	< 0.05	< 0.005	0.015	0.0099	< 0.005	< 0.026	< 0.0026	< 0.005	< 0.0026	< 0.01	0.025	ND
S-3-1-1.5	1-1.5	10/12/20	< 1.0	3.0	69	< 0.005	< 0.005	< 0.005	< 0.005	ND	< 0.0026	< 0.0026	< 0.026	0.0099	0.014	0.015	0.005	< 0.05	< 0.005	0.0077	0.009	< 0.005	< 0.026	0.0035	< 0.005	< 0.0026	0.013	0.0091	ND
S-3-2.5-3	2.5-3	10/12/20	< 1.0	< 1.0	11	< 0.005	< 0.005	< 0.005	< 0.005	ND	< 0.0013	< 0.0013	< 0.013	< 0.0025	< 0.0063	< 0.0025	< 0.0013	< 0.025	< 0.0025	< 0.0025	0.0020	< 0.0025	< 0.013	0.0026	0.0026	0.0015	0.0077	< 0.0025	ND
S-3-9.5-10	9.5-10	10/12/20	< 1.0	3.0	15	< 0.005	< 0.005	< 0.005	< 0.005	ND	< 0.0013	< 0.0013	< 0.013	0.0031	< 0.0063	0.0044	0.0014	< 0.025	< 0.0025	0.0032	0.0032	< 0.0025	< 0.013	0.0016	< 0.0025	< 0.0013	0.0084	0.0051	ND
S-4-1-1.5	1-1.5	10/12/20	< 1.0	< 1.0	7.4	< 0.005	< 0.005	< 0.005	< 0.005	ND	0.0022	0.0016	< 0.013	0.012	0.013	0.011	0.0045	< 0.025	0.0029	0.0096	0.015	< 0.0025	< 0.013	< 0.0013	< 0.0025	< 0.0013	0.0092	0.016	ND
S-4-2.5-3	2.5-3	10/12/20	< 1.0	48	400	< 0.005	< 0.005	< 0.005	< 0.005	ND	< 0.026	< 0.026	< 0.26	< 0.05	< 0.13	0.064	< 0.026	< 0.5	< 0.05	< 0.05	< 0.026	< 0.05	< 0.26	< 0.026	< 0.05	< 0.026	< 0.1	< 0.05	ND
S-4-4.5-5	4.5–5	10/12/20	< 1.0	3.3	17	< 0.005	< 0.005	< 0.005	< 0.005	ND	0.0056	0.0042	< 0.026	0.022	0.023	0.016	0.0097	< 0.05	0.0052	0.019	0.032	< 0.005	< 0.026	0.0055	0.0051	0.0039	0.019	0.03	ND
S-5-1-1.5	1-1.5	10/12/20	< 1.0	1.9	9.2	< 0.005	< 0.005	0.0082	< 0.005	ND	0.0014	0.0016	< 0.013	0.013	0.019	0.014	0.0045	0.031	0.0039	0.013	0.014	< 0.0025	< 0.013	< 0.0013	< 0.0025	< 0.0013	0.010	0.015	ND
S-5-2.5-3	2.5-3	10/12/20	4.0	1.6	29	< 0.005	< 0.005	0.0096	< 0.005	ND	0.0026	0.0028	< 0.013	0.017	0.023	0.035	0.0056	< 0.025	0.0056	0.013	0.017	< 0.0025	0.023	0.0077	0.0074	0.0044	0.016	0.017	ND
S-5-9.5-10	9.5-10	10/12/20	< 1.0	16	150	< 0.005	< 0.005	< 0.005	< 0.005	ND	< 0.0026	< 0.0026	< 0.026	0.0072	< 0.013	0.0083	0.0030	< 0.05	< 0.005	0.011	0.0082	< 0.005	< 0.026	< 0.0026	< 0.005	< 0.0026	< 0.01	0.009	ND
S-6-1-1.5	1-1.5	10/12/20	2.3	3.0	21	< 0.005	< 0.005	< 0.005	< 0.005	ND	0.019	0.017	0.088	0.11	0.12	0.084	0.040	< 0.05	0.023	0.085	0.13	0.0078	0.069	0.014	0.016	0.012	0.07	< 0.005	ND
S-6-2.5-3	2.5-3	10/12/20	< 1.0	< 1.0	8	< 0.005	< 0.005	< 0.005	< 0.005	ND	< 0.0013	< 0.0013	< 0.013	0.0033	< 0.0063	0.003	< 0.0013	< 0.025	< 0.0025	< 0.0025	0.0037	< 0.0025	< 0.013	< 0.0013	< 0.0025	< 0.0013	< 0.005	0.0035	ND
S-6-9.5-10	9.5-10	10/12/20	< 1.0	33	220	< 0.005	< 0.005	< 0.005	< 0.005	ND	< 0.0026	0.0067	< 0.026	0.0077	< 0.013	0.0084	< 0.0026	< 0.05	< 0.005	0.0092	0.0084	< 0.005	< 0.026	< 0.0026	< 0.005	< 0.0026	< 0.01	0.017	ND
S-7-1-1.5	1-1.5	10/12/20	1.0	1.5	19	< 0.005	< 0.005	< 0.005	< 0.005	ND	0.0049	0.005	0.032	0.047	0.056	0.036	0.013	< 0.05	0.011	0.034	0.035	< 0.005	0.03	0.0054	0.0057	0.0040	0.025	0.036	ND
S-7-2.5-3	2.5-3	10/12/20	< 1.0	< 1.0	10	< 0.005	< 0.005	< 0.005	< 0.005	ND	0.0095	0.0038	0.025	0.040	0.040	0.025	0.013	< 0.025	0.0078	0.020	0.021	< 0.0025	0.023	0.0022	0.0029	0.0028	0.011	0.022	ND
S-7-4.5-5	4.5–5	10/12/20	< 1.0	5.5	97	< 0.005	< 0.005	< 0.005	< 0.005	ND	0.0027	< 0.0026	< 0.026	0.018	0.019	0.015	0.0055	< 0.05	0.0058	0.011	0.015	< 0.005	< 0.026	< 0.0026	< 0.005	< 0.0026	0.011	0.016	ND
TP-S-8-7.0	7.0	10/20/20	< 1.0	6.3	48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-S-10-7.0	7.0	10/20/20	< 1.0	7.4	66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-S-11-7.0	7.0	10/20/02	< 1.0	3.2	11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-S-17-4.5	4.5	10/20/20	1.5	15	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-S-22-2.7	2.7	10/20/20	1.8	**2,600**	3,300	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
H-1-3.0-6.0	3-6	08/18/22	< 1.0	< 10	250	< 0.005	0.0082	< 0.005	0.0087	ND	< 0.026	< 0.026	< 0.26	< 0.050	< 0.13	< 0.050	< 0.026	< 0.50	< 0.050	< 0.050	< 0.026	< 0.050	< 0.26	< 0.026	< 0.0540	< 0.12	< 0.10	< 0.050	ND
H-1-6.0-9.0	6-9	08/18/22	4.1	5.2	36	< 0.005	< 0.005	< 0.005	< 0.005	ND	< 0.0026	0.007	< 0.026	0.019	0.023	0.013	0.0082	< 0.050	< 0.0050	0.014	0.04	< 0.0050	< 0.026	< 0.0026	< 0.0050	< 0.012	0.012	0.037	ND
H-2-3.0-6.0	3-6	08/18/22	< 1.0	4.2	46	< 0.005	< 0.005	< 0.005	< 0.005	ND	< 0.0026	< 0.0026	< 0.026	0.0052	< 0.013	0.0053	0.0027	< 0.050	< 0.0050	< 0.0050	0.0053	< 0.0050	< 0.026	< 0.0026	< 0.0050	< 0.012	< 0.010	0.0056	ND
H-2-6.0-9.0	6-9	08/18/22	< 1.0	6.3	100	< 0.005	< 0.005	< 0.005	< 0.005	ND	< 0.0026	< 0.0026	< 0.026	< 0.0050	< 0.013	< 0.0050	< 0.0026	< 0.050	< 0.0050	< 0.0050	0.0049	< 0.0050	< 0.026	< 0.0026	< 0.0050	< 0.012	< 0.010	0.0053	ND
H-3-3.0-6.0	3-6	08/18/22	< 1.0	10	59	< 0.005	< 0.005	< 0.005	< 0.005	ND	0.0015	< 0.0013	< 0.013	0.0071	0.0073	0.0058	0.0025	< 0.025	< 0.0025	0.0028	0.0062	< 0.0025	< 0.013	< 0.0013	< 0.0025	< 0.0062	< 0.0050	0.0074	ND
H-3-6.0-9.0	6-9	08/18/22	< 1.0	4.0	31	< 0.005	< 0.005	< 0.005	< 0.005	ND	< 0.0013	< 0.0013	< 0.013	< 0.0025	< 0.0063	< 0.0025	0.0013	< 0.025	< 0.0025	< 0.0025	0.0025	< 0.0025	< 0.013	< 0.0013	< 0.0025	< 0.0062	< 0.0050	< 0.0025	ND
S-5B-10.5	10.5	08/19/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-5E-10.0	10	08/19/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-5N-10.0	10	08/19/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-5S-10.0	10	08/19/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-5W-10.0	10	08/19/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-22B-3.5	3.5	08/18/22	2.0	8.7	37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-22E-3.0	3	08/18/22	< 1.0	6.8	59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-22N-3.0	3	08/18/22	< 1.0	5.4	55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-22S-3.0	3	08/18/22	< 1.0	2.2	< 10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-22W-3.0	3	08/18/22	< 1.0	5.1	40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Screening Criteria																													
Commercial / Industrial ESLs - Cancer Risk[1]			--	--	--	--	--	--	6.1	Various	--	--	20	2.1	21	--	210	160	2.1	2,100	--	--	21	--	--	17	--	Various
Commercial / Industrial ESLs - Non-Cancer Hazard[2]			2,000	1,200	180,000	--	85	--	19	Various	--	230,000	--	220	--	--	--	16,000	--	--	30,000	30,000	--	--	3,000	580	--	23,000	Various
Hazardous Waste Criteria																													
TTLC			--	--	--	--	--	--	2,040	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
STLC (mg/L)			--	--	--	--	--	--	204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCLP (mg/L)			--	--	--	--	--	--	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

TPHg - Total Petroleum Hydrocarbons as Gasoline, EPA Method 8015M

TPHd - Total Petroleum Hydrocarbons as Diesel, EPA Method 8015M

TPHmo - Total Petroleum Hydrocarbons as Motor Oil, EPA Method 8015M

VOCs - Volatile Organic Compounds, EPA Method 8260B

SVOCs - Semi-volatile Organic Compounds, EPA Method 8270C

mg/kg - milligrams per kilograms

[1] - San Francisco Bay Regional Water Quality Control Board Environmental (RWQCB) Environmental Screening Levels (ESLs), Direct Exposure Human Health Risk Levels (Table S-1), Residential: Shallow Soil Exposure, dated 2019

[2] - San Francisco Bay Regional Water Quality Control Board Environmental (RWQCB) Environmental Screening Levels (ESLs), Direct Exposure Human Health Risk Levels (Table S-1), Commercial/Industrial: Shallow Soil Exposure, dated 2019

< 1.0 - Analyte was not detected at or above the laboratory reporting limit

ND - Not detected at or above the laboratory reporting limit

P - Agreement between the quantitative dual-column confirmation results exceed method recommended limits of40% RPD. The lowest concentration is reported.

Bold - Sample concentration exceeds commercial ESLs

-- Not analyzed or not established

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Table 2
Soil Analytical Results for OCPs, PCBs, and Asbestos
Burlingame Shoreline Park
410 Airport Boulevard
Berlingame, California

Sample ID	Sample Depth (feet)	Date Sample	OCPs																PCBs	Asbestos
			Chlordane (Technical)	a-Chlordane	g-Chlordane	p,p-DDD	p,p-DDE	p,p-DDT	Total DDD,DDE, DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin aldehyde	Heptachlor	Heptachlor Epoxide	Methoxy-chlor	All Other OCPs		
			(mg/kg)																	%
S-1-1-1.5	1-1.5	10/09/20	< 0.0025	0.0026	0.0029	0.0026	0.0033	0.016	0.0219	0.00027	< 0.0001	< 0.0001	0.00022	0.0003	< 0.0001	< 0.0001	0.00036	ND	ND	< 0.25
S-1-4.5-5	4.5-5	10/09/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-1-14.5-15	14.5-15	10/09/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-2-1-1.5	1-1.5	10/12/20	< 0.0025	0.0016	0.0017	0.00024	0.00041	0.0014	0.00205	0.00037	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00011	0.00033	< 0.0002	ND	ND	--
S-2-2.5-3	2.5-3	10/12/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-2-14.5-15	14.5-15	10/12/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
S-3-1-1.5	1-1.5	10/12/20	< 0.0025	0.0010	0.00083	0.00024	0.00025	0.0016	0.00209	0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00039	< 0.0002	ND	ND	--
S-3-2.5-3	2.5-3	10/12/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-3-9.5-10	9.5-10	10/12/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-4-1-1.5	1-1.5	10/12/20	< 0.0025	0.00013	< 0.0001	< 0.0001	0.00033	0.0014	0.00173	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	ND	ND	--
S-4-2.5-3	2.5-3	10/12/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-4-4.5-5	4.5–5	10/12/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-5-1-1.5	1-1.5	10/12/20	< 0.0025	0.00029	0.00018	0.00015	0.00079	0.0016	0.00254	< 0.0001	0.00027	0.00012	< 0.0001	< 0.0001	0.00012	< 0.0001	< 0.0002	ND	ND	--
S-5-2.5-3	2.5-3	10/12/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-5-9.5-10	9.5-10	10/12/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.50**
S-6-1-1.5	1-1.5	10/12/20	< 0.0025	0.00026	0.00015	< 0.0001	0.00011	0.00042	0.00053	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	ND	ND	--
S-6-2.5-3	2.5-3	10/12/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-6-9.5-10	9.5-10	10/12/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
S-7-1-1.5	1-1.5	10/12/20	< 0.0025	0.00018	0.0002	0.00017	0.00022	0.0012	0.00159	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	ND	ND	--
S-7-2.5-3	2.5-3	10/12/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-7-4.5-5	4.5–5	10/12/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-S-8-7.0	7.0	10/20/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-S-10-7.0	7.0	10/20/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-S-11-7.0	7.0	10/20/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-S-17-4.5	4.5	10/20/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-S-22-2.7	2.7	10/20/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
H-1-3.0-6.0	3-6	08/18/22	< 0.0050	0.00094 P	0.00069	0.00027 P	0.00044 P	0.00027	0.00027	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0004	ND	--	--
H-1-6.0-9.0	6-9	08/18/22	< 0.025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0020	ND	--	--
H-2-3.0-6.0	3-6	08/18/22	< 0.12	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.010	ND	--	--
H-2-6.0-9.0	6-9	08/18/22	< 0.050	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0040	ND	--	--
H-3-3.0-6.0	3-6	08/18/22	0.092	0.0094	0.013	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.0010	ND	--	--
H-3-6.0-9.0	6-9	08/18/22	< 0.025	< 0.0010	< 0.0010	0.0017	< 0.0010	0.0016	0.0033	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0020	ND	--	--
S-5B-10.5	10.5	08/19/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 0.25
S-5E-10.0	10	08/19/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25
S-5N-10.0	10	08/19/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25
S-5S-10.0	10	08/19/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25
S-5W-10.0	10	08/19/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25
S-22B-3.5	3.5	08/18/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-22E-3.0	3	08/18/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-22N-3.0	3	08/18/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-22S-3.0	3	08/18/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-22W-3.0	3	08/18/22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Screening Criteria																				
Commercial / Industrial ESLs - Cancer Risk[1]			2.2	--	2.2	12	8.3	8.5	--	0.16	--	--	--	--	0.53	0.28	--	Various	0.94	0.25 [3]
Commercial / Industrial ESLs - Non-Cancer Hazard[2]			500	--	500	--	--	520	--	48	5,800	5,800	--	--	480	13	4,800	Various	--	
Hazardous Waste Criteria																				
TTLC			2.5	--	2.5	1.0*	1.0*	1.0*	1.0*	8.0	--	--	--	--	--	--	100	--	--	--
STLC (mg/L)			0.25	--	0.25	0.1	0.1	0.1	0.1	0.8	--	--	--	--	--	--	10	--	--	--
TCLP (mg/L)			0.03	--	0.03	--	--	--	--	--	--	--	--	--	--	--	10.0	--	--	--

Notes:
PCBs - Polychlorinated Biphenyls, EPA Method 8082
OCPs - Organochlorine Pesticides, EPA Method 8081A
mg/kg - milligrams per kilograms
" -- " = Not analyzed or screening criteria not established
< 0.5 = Analyte was not detected above the laboratory reporting limit (0.5 mg/kg).
Bold - Sample concentration exceeds commercial ESLs
ESLs = Environmental Screening Levels
[1] - San Francisco Bay Regional Water Quality Control Board Environmental (RWQCB) Environmental Screening Levels (ESLs), Direct Exposure Human Health Risk Levels (Table S-1), Residential: Shallow Soil Exposure, dated 2019.
[2] - San Francisco Bay Regional Water Quality Control Board Environmental (RWQCB) Environmental Screening Levels (ESLs), Direct Exposure Human Health Risk Levels (Table S-1), Commercial/Industrial: Shallow Soil Exposure. dated 2019.
[3] - San Francisco Bay Regional Water Quality Control Board (RW.QCB), Soil: Direct Exposure Human Health Risk Levels (Table S-1) Shallow Soil Residential Non-Cancer Risk Environmental Screening Levels, dated January 2019
< 1.0 - Analyte was not detected at or above the laboratory reporting limit
ND - Not detected at or above the laboratory reporting limit
P - Agreement between the quantitative dual-column confirmation results exceed method recommended limits of40% RPD. The lowest concentration is reported.
TTLC = California Total Threshold Limit Concentration
STLC = California Soluble Threshold Limit Concentration
TCLP = Federal Toxicity Characteristic Leaching Procedure

Table 3
Soil Analytical Results for Metals
Burlingame Shoreline Park
410 Airport Boulevard
Burlingame, California

Sample ID	Sample Depth (Feet)	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Cadmium STLC	Chromium	Chromium STLC	Chromium TCLP	Cobalt	Copper	Copper STLC	Lead	Lead STLC	Lead TCLP	Mercury	Molybdenum	Nickel	Nickel STLC	Selenium	Silver	Thallium	Vanadium	Zinc
			(mg/kg)					(mg/L)	(mg/kg)	(mg/L)		(mg/kg)		(mg/L)	(mg/kg)	(mg/L)		(mg/kg)			(mg/L)	(mg/kg)				
S-1-1-1.5	1-1.5	10/09/20	1.1	**9.5**	270	0.61	< 0.50	–	56	–	–	14	38	–	*110*	5.0	< 0.10	0.15	0.85	53	–	1.3	< 0.50	< 0.50	66	140
S-1-4.5-5	4.5–5	10/09/20	< 0.50	**6.2**	85	< 0.50	< 0.50	–	78	–	–	13	28	–	15	–	–	0.093	0.96	77	–	< 0.50	< 0.50	< 0.50	59	67
S-1-14.5-15	14.5-15	10/09/20	< 0.50	**2.4**	77	< 0.50	*11*	< 0.050	88	–	–	9.3	21	–	17	–	–	0.12	< 0.50	71	–	0.82	< 0.50	< 0.50	59	*3,900*
S-2-1-1.5	1-1.5	10/12/20	0.51	**5.8**	130	0.58	< 0.50		64	–	–	12	29	–	26	–	–	0.14	< 0.50	66	–	< 0.50	< 0.50	< 0.50	59	58
S-2-2.5-3	2.5-3	10/12/20	1.6	**7.8**	230	0.57	< 0.50	–	49	–	–	12	48	–	62	–	–	0.16	0.57	50	–	< 0.50	< 0.50	< 0.50	50	94
S-2-14.5-15	14.5-15	10/12/20	< 0.50	**8.5**	54	0.58	< 0.50	–	60	–	–	11	23	–	37	–	–	0.078	0.69	67	–	< 0.50	< 0.50	< 0.50	48	76
S-3-1-1.5	1-1.5	10/12/20	0.58	***17***	150	0.55	< 0.50	–	*210*	–	–	*51*	43	–	22	–	–	0.11	1.70	*480*	–	< 0.50	< 0.50	< 0.50	47	82
S-3-2.5-3	2.5-3	10/12/20	< 0.50	**6.4**	160	0.58	< 0.50	–	*300*	0.93	< 0.10	*40*	35	–	10	–	–	0.054	< 0.50	*590*	5.1	< 0.50	< 0.50	< 0.50	56	65
S-3-9.5-10	9.5-10	10/12/20	< 0.50	**6.9**	320	0.6	< 0.50	–	62	–	–	13	26	–	12	–	–	0.29	0.50	89	–	< 0.50	< 0.50	< 0.50	42	57
S-4-1-1.5	1-1.5	10/12/20	10	**11**	240	0.73	< 0.50	–	62	–	–	*26*	*120*	–	46	–	–	*2.6*	0.67	63	–	0.83	< 0.50	1.9	69	94
S-4-2.5-3	2.5-3	10/12/20	0.62	**4.3**	130	< 0.50	0.57	–	51	–	–	11	32	–	*120*	5.3	0.96	0.13	< 0.50	50	–	< 0.50	< 0.50	< 0.50	55	120
S-4-4.5-5	4.5–5	10/12/20	1.2	**10**	240	0.63	0.52	–	45	–	–	14	37	–	*170*	2.0	< 0.10	*0.66*	0.75	52	–	< 0.50	< 0.50	< 0.50	54	110
S-5-1-1.5	1-1.5	10/12/20	1.1	**9.8**	250	0.84	< 0.50	–	38	–	–	15	41	–	24	–	–	0.14	2.10	46	–	< 0.50	< 0.50	< 0.50	43	110
S-5-2.5-3	2.5-3	10/12/20	2.2	**9.4**	*560*	0.95	0.61	–	49	–	–	16	*150*	–	*81*	–	–	0.36	1.10	59	–	0.58	< 0.50	< 0.50	65	120
S-5-9.5-10	9.5-10	10/12/20	< 0.50	**3.9**	120	< 0.50	< 0.50	–	*190*	–	–	22	13	–	***440***	6.2	0.46	0.072	< 0.50	*430*	–	< 0.50	< 0.50	< 0.50	40	74
S-6-1-1.5	1-1.5	10/12/20	1.3	**10**	320	0.8	*3.6*	–	3.6	–	–	20	57	–	*150*	4.8	0.20	*1.3*	1.00	130	–	0.64	< 0.50	< 0.50	68	140
S-6-2.5-3	2.5-3	10/12/20	< 0.50	**2.2**	67	< 0.50	< 0.50	–	55	–	–	7.3	9.6	–	13	–	–	0.064	< 0.50	61	–	< 0.50	< 0.50	< 0.50	29	34
S-6-9.5-10	9.5-10	10/12/20	< 0.50	**4.9**	110	0.54	< 0.50	–	*180*	–	–	23	25	–	21	–	–	0.083	< 0.50	*170*	–	1.4	< 0.50	< 0.50	66	49
S-7-1-1.5	1-1.5	10/12/20	0.91	**8.2**	310	0.81	< 0.50	–	45	–	–	15	50	–	38	–	–	0.31	1.20	61	–	0.56	< 0.50	< 0.50	53	98
S-7-2.5-3	2.5-3	10/12/20	0.83	**5.0**	150	< 0.50	0.66	–	79	–	–	10	21	–	*110*	3.4	< 0.10	0.53	< 0.50	56	–	< 0.50	< 0.50	< 0.50	47	130
S-7-4.5-5	4.5–5	10/12/20	< 0.50	**8.1**	190	0.56	< 0.50	–	78	–	–	17	24	–	31	–	–	0.10	0.76	140	–	< 0.50	< 0.50	< 0.50	51	66
H-1-3.0-6.0	3-6	08/18/22	1.1	**6.5**	170	0.77	< 0.50	–	58	<0.10	–	18	39	–	47	–	–	0.22	0.59	57	–	< 0.50	< 0.50	< 0.50	86	92
H-1-6.0-9.0	6-9	08/18/22	< 0.50	**5.4**	98	< 0.50	< 0.50	–	81	6.3	–	11	27	–	26	–	–	0.13	1.20	66	–	< 0.50	0.54	< 0.50	46	77
H-2-3.0-6.0	3-6	08/18/22	1.4	**5.5**	150	0.71	< 0.50	–	46	–	–	8.1	53	–	73	1.6	–	0.21	< 0.50	40	–	< 0.50	< 0.50	< 0.50	46	120
H-2-6.0-9.0	6-9	08/18/22	0.66	**5**	210	0.62	< 0.50	–	*580*	0.57	–	*49*	41	–	34	–	–	0.16	0.63	*920*	3.1	< 0.50	< 0.50	< 0.50	65	96
H-3-3.0-6.0	3-6	08/18/22	3.3	**11**	130	0.5	0.98	–	88	0.19	–	16	83	–	64	1.2	–	0.38	1.80	79	–	< 0.50	< 0.50	< 0.50	75	150
H-3-6.0-9.0	6-9	08/18/22	0.6	**6.6**	190	< 0.50	< 0.50	–	100	0.42	<0.10	18	37	–	75	1.0	–	0.52	0.77	120	–	< 0.50	< 0.50	< 0.50	*98*	140
S-1B-2.0	2.0	08/18/22	–	–	–	–	–	–	–	–	–	–	–	–	38	–	–	–	–	–	–	–	–	–	–	–
S-1E-1.5	1.5	08/18/22	–	–	–	–	–	–	–	–	–	–	–	–	34	–	–	–	–	–	–	–	–	–	–	–
S-1N-1.5	1.5	08/18/22	–	–	–	–	–	–	–	–	–	–	–	–	17	–	–	–	–	–	–	–	–	–	–	–
S-1S-1.5	1.5	08/18/22	–	–	–	–	–	–	–	–	–	–	–	–	37	–	–	–	–	–	–	–	–	–	–	–
S-1W-1.5	1.5	08/18/22	–	–	–	–	–	–	–	–	–	–	–	–	49	–	–	–	–	–	–	–	–	–	–	–
S-3B-2.0	2.0	08/18/22	–	**4.2**	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
S-3E-1.5	1.5	08/18/22	–	**6.8**	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
S-3N-1.5	1.5	08/18/22	–	**4.7**	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
S-3S-1.5	1.5	08/18/22	–	**8.3**	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
S-3W-1.5	1.5	08/18/22	–	**9.3**	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
S-4B-3.5	3.5	08/18/22	–	–	–	–	–	–	–	–	–	–	–	–	32	–	–	–	–	–	–	–	–	–	–	–
S-4E-3.0	3.0	08/18/22	–	–	–	–	–	–	–	–	–	–	–	–	35	–	–	–	–	–	–	–	–	–	–	–
S-4N-3.0	3.0	08/18/22	–	–	–	–	–	–	–	–	–	–	–	–	36	–	–	–	–	–	–	–	–	–	–	–
S-4S-3.0	3.0	08/18/22	–	–	–	–	–	–	–	–	–	–	–	–	*300*	8.4	< 0.10	–	–	–	–	–	–	–	–	–
S-4W-3.0	3.0	08/18/22	–	–	–	–	–	–	–	–	–	–	–	–	21	–	–	–	–	–	–	–	–	–	–	–
S-5B-10.5	10.5	08/19/22	–	–	–	–	–	–	–	–	–	–	–	–	53	1.7	–	–	–	–	–	–	–	–	–	–
S-5E-10.0	10.0	08/19/22	–	–	–	–	–	–	–	–	–	–	–	–	32	–	–	–	–	–	–	–	–	–	–	–
S-5N-10.0	10.0	08/19/22	–	–	–	–	–	–	–	–	–	–	–	–	15	–	–	–	–	–	–	–	–	–	–	–
S-5S-10.0	10.0	08/19/22	–	–	–	–	–	–	–	–	–	–	–	–	8.8	–	–	–	–	–	–	–	–	–	–	–
S-5W-10.0	10.0	08/19/22	–	–	–	–	–	–	–	–	–	–	–	–	13	–	–	–	–	–	–	–	–	–	–	–
Screening Criteria																										
Commercial / Industrial ESLs - Cancer Risk[1]			–	0.31	–	6,900	4,300	–	–	–	–	1,900	–	–	380	–	–	–	–	64,000	–	–	–	–	–	–
Commercial / Industrial ESLs - Non-Cancer Hazard[2]			160	3.6	220,000	230	1,100	–	1,800,000	–	–	350	47,000	–	320	–	–	190	5,800	11,000	–	5,800	5,800	12	5,800	350,000
Background Metal Concentrations*			1.5-7.1	1.2-31	41-411	0.29-1.1	0.27-3.3	–	10-142	–	–	6.5-25.5	5.4-100	–	4.8-65	–	–	0.07-0.6	0.33-11.4	16-144	–	< 0.25-7	0.2-2.2	< 0.25-42.5	22-90	33-282
Hazardous Waste Criteria																										
TTLC	mg/kg		500	500	10,000	75	100	–	2,500	–	–	8,000	2,500	–	1,000	–	–	20	3500	2,000	–	100	500	700	2,400	5,000
STLC	mg/L		15	5	100	0.75	1	1	5	5	–	80	25	25	5	5	–	0.2	350	20	20	1	5	7	24	250
TCLP	mg/L		–	5	100	–	1	–	5	–	5	–	–	–	5	–	5	0.2	–	–	–	1	5	–	–	–

Notes:
mg/kg = miligrams per kilogram
mg/L = miligrams per liter
" – " = Not analyzed or screening criteria not established
< 0.5 = Analyte was not detected above the laboratory reporting limit (0.5 mg/kg).
ESLs = Environmental Screening Levels
Bold indicates concentration is above Commercial ESLs
Italicized indicates concentration is above typical background metal concentrations
Highlight indicated concentration meets or exceeds STLC/TCLP criteria
[1] - San Francisco Bay Regional Water Quality Control Board (RWQCB), Soil: Direct Exposure Human Health Risk Levels (Table S-1) Shallow Soil Commercial / Industrial, Cancer Risk Environmental Screening Levels, dated January 2019
[2] - San Francisco Bay Regional Water Quality Control Board (RWQCB), Soil: Direct Exposure Human Health Risk Levels (Table S-1) Shallow Soil Commercial / Industrial, Non-Cancer Risk Environmental Screening Levels, dated January 2019
*Background concentration ranges of metals in Bay Area soils, Appendix A, Table A-2 from Environmental Resources Management. *Feasibility Study, Hookston Station, Pleasant Hill, California.* July 2006
TTLC = California Total Threshold Limit Concentration
STLC = California Soluble Threshold Limit Concentration
TCLP = Federal Toxicity Characteristic Leaching Procedure

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FIGURES

Legend

Approximate Site Boundary

Notes:
1. Topographic basemap is provided through Langan's Esri ArcGIS software licensing and ArcGIS online Copyright: © 2011 National Geographic Society, i-cubed.

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Collectively known as Langan

Project
BURLINGAME SHORELINE PARK
BURLINGAME
SAN MATEO COUNTY CALIFORNIA

Figure Title
SITE LOCATION MAP

Project No. 770634903	Figure 1
Date 2/2/2021	
Scale 1 " = 2,000 '	
Drawn By JNE	

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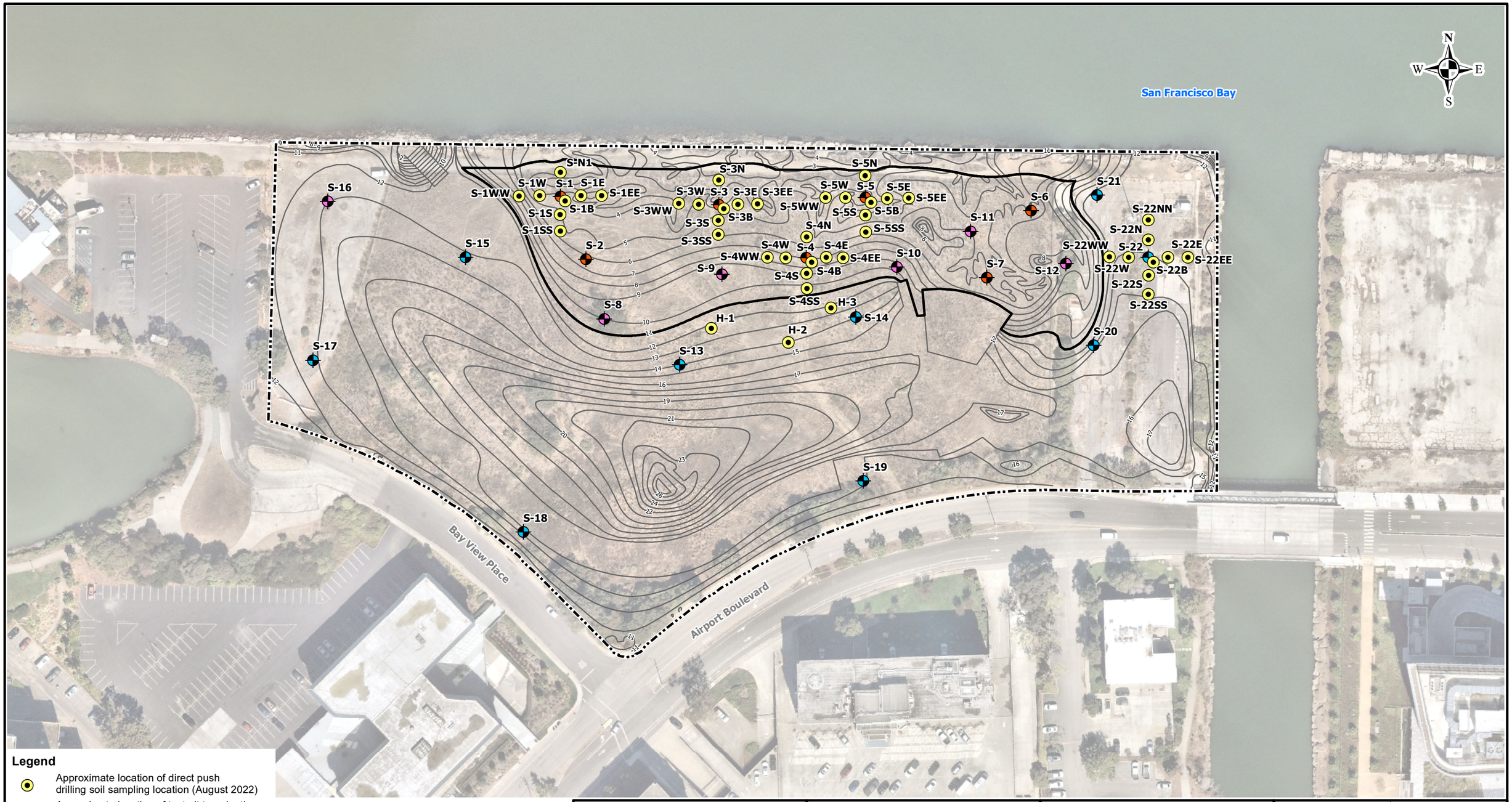

Legend

- Approximate location of direct push drilling soil sampling location (August 2022)
- Approximate location of test pit to a depth of 5 feet below ground surface (October 2020)
- Approximate location of test pit to a depth of 9 feet below ground surface (October 2020)
- Approximate location of direct push drilling soil sampling location (October 2020)
- Proposed grading plan - 1 ft. interval
- Approximate area of soil to be excavated
- Site boundary

Notes:
1. Aerial imagery provided by Langan's subscription to Nearmap.com. Aerial flown 09/09/2022.
2. All features shown are approximate.
3. bgs - below ground surface

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Project
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Figure Title
SITE PLAN WITH SAMPLING LOCATIONS

Project No.	Figure
770634903	2
Date: 10/25/2022	
Scale: 1 " = 100 '	
Drawn By: JNE	

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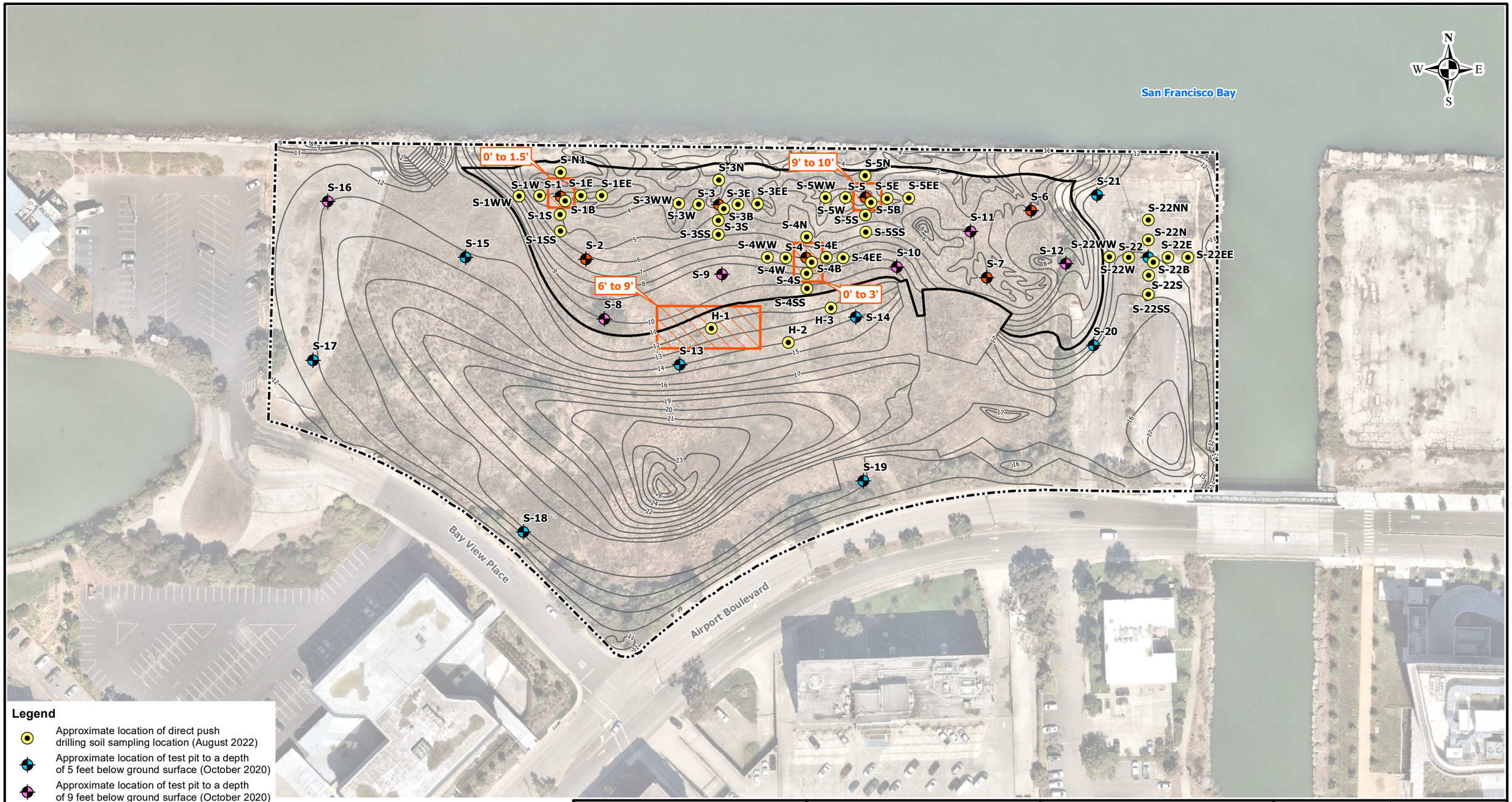

Legend

- Approximate location of direct push drilling soil sampling location (August 2022)
- Approximate location of test pit to a depth of 5 feet below ground surface (October 2020)
- Approximate location of test pit to a depth of 9 feet below ground surface (October 2020)
- Approximate location of direct push drilling soil sampling location (October 2020)
- Proposed grading plan - 1 ft. interval
- Approximate area of soil to be excavated
- Site boundary
- Approximate location of State of California Class I Non-RCRA Hazardous Material
- 0' to 3' — Depth of excavation (feet bgs)

Notes:
1. Aerial imagery provided by Langan's subscription to Nearmap.com. Aerial flown 09/09/2022.
2. All features shown are approximate.
3. bgs - below ground surface

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Figure Title
SITE PLAN WITH APPROXIMATE LOCATION OF STATE OF CALIFORNIA CLASS I NON-RCRA HAZARDOUS MATERIAL

Project No. 770634903	Figure 3
Date 10/26/2022	
Scale 1 " = 100 '	
Drawn By OG	

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Legend

- Approximate location of direct push drilling soil sampling location (August 2022)
- Approximate location of test pit to a depth of 5 feet below ground surface (October 2020)
- Approximate location of test pit to a depth of 9 feet below ground surface (October 2020)
- Approximate location of direct push drilling soil sampling location (October 2020)
- Proposed grading plan - 1 ft. interval
- Approximate area of soil to be excavated
- Site boundary
- Approximate Location of Class II Non-Hazardous Material
- 0' to 3' — Depth of excavation (feet bgs)

Notes:
1. Aerial imagery provided by Langan's subscription to Nearmap.com. Aerial flown 09/09/2022.
2. All features shown are approximate.
3. bgs - below ground surface

100 0 100
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Project
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Figure Title
SITE PLAN WITH APPROXIMATE LOCATION OF CLASS II NON-HAZARDOUS MATERIAL

Project No.	Figure
770634903	4
Date: 10/25/2022	
Scale: 1 " = 100 '	
Drawn By: JNE	

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APPENDIX A

2020 EXPLORATORY BORING LOGS

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-1

Boring location: See Site Plan, Figure 2

Logged by: J. Arakaki
Drilled By: Gregg Drilling

Date started: 10/9/20 | Date finished: 10/9/20

Drilling method: Direct Push

Hammer weight/drop: NA | Hammer type: Automatic

Sampler: 4' Contiuous

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
1	S1-1-1.5	●		42"/ 48"	0.0	SM	SILTY SAND (SM) yellow-brown, loose, moist, no odor, some gravel
2							
3	S1-2.5-3	●				CL	SANDY CLAY (CL) dark brown, loose, moist, nonplastic, no odor
4							
5	S1-4.5-5	●				CL	CLAY (CL) olive-brown, subangular to angular, plastic, no odor, some white fragments, some shell fragments observed, some red discoloration
6				45"/ 48"	0.0		
7							
8						CH	CLAY (CH) dark gray, soft, plastic, no odor
9							
10	S1-9.5-10	●		26"/ 48"	0.0		
11							
12							
13				30"/ 36"			
14							
15	S1-14.5-15	●					
16							
17							
18							
19							
20							

Depth of boring 15 feet below ground surface.

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Project No.: 770634903 | Figure: A-1

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD.GPJ TEMPLATE_CA-MODIFIED.GDT 10/21/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-2

Boring location: See Site Plan, Figure 2

Logged by: J. Arakaki
Drilled By: Gregg Drilling

Date started: 10/12/20 Date finished: 10/12/20

Drilling method: Direct Push

Hammer weight/drop: NA Hammer type: Automatic

Sampler: 4' Contiuous

DEPTH (feet)	Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
1	S2-1-1.5	●			0.0		CLAYEY SAND (SC) gray-brown, loose, moist, no odor 2-inch asphalt fragments at ~1 foot
2				44"/ 48"	0.0	SC	
3	S2-2.5-3	●			0.1		red brick fragments observed at ~3 feet
4							
5	S2-4.5-5	●			0.0		CLAY (CL) dark blue-gray, moist, plastic, no odor 2-inch layer of fine-grained sand followed by a 1-inch layer of plastic-like material at 5 feet
6				41"/ 48"	0.1		
7					0.6		
8							
9					0.0		
10	S2-9.5-10	●		24"/ 48"		CL	
11					0.1		
12							
13							shell fragments observed at 13 feet
14				36"/ 36"	0.0		
15	S2-14.5-15	●					
16							
17							
18							
19							
20							

Depth of boring 15 feet below ground surface.

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Project No.: 770634903 Figure: A-2

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD.GPJ TEMPLATE_CA-MODIFIED.GDT 10/21/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-3

Boring location: See Site Plan, Figure 2

Logged by: J. Arakaki
Drilled By: Gregg Drilling

Date started: 10/12/20 Date finished: 10/12/20

Drilling method: Direct Push

Hammer weight/drop: NA Hammer type: Automatic

Sampler: 4' Contiuous

DEPTH (feet)	Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
1	S3-1-1.5			46"/ 48"	0.0	SM	Silty Sand (SM) yellow-brown to .5 foot, tan .5 to 1.5 feet, loose, dry, no odor, gravel and chunks of rock
2						CL	SANDY CLAY (CL) tan, dark brown, medium dense, dry, nonplastic, no odor rock chunks at ~2 feet
3	S3-2.5-3						
4						OL	CLAY (OL) black, loose, dry, nonplastic, no odor, some plant matter
5	S3-4.5-5						
6				39"/ 48"		CL	CLAY (CL) brown, medium dense, dry, semiplastic, no odor, wood pieces
7							
8						CH	CLAY (CH) gray and brown, medium dense, saturated, semiplastic, no odor, poorly graded, some gravel, some sand
9							
10	S3-9.5-10			20"/ 48"			
11							finer sand and clay at 11 to 12 feet
12							black and red, gravel and sand from 12 to 13.5 feet
13				30"/ 36"			clay from 13.5 to 14.5 feet
14							wood observed
15	S3-14.5-15						red brick observed
16							
17							
18							
19							
20							

Depth of boring 15 feet below ground surface.

LANGAN

Project No.: 770634903 Figure: A-3

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD.GPJ TEMPLATE_CA-MODIFIED.GDT 10/21/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-4

Boring location: See Site Plan, Figure 2

Logged by: D. Wood
Drilled By: Gregg Drilling

Date started: 10/12/20 | Date finished: 10/12/20

Drilling method: Direct Push

Hammer weight/drop: NA | Hammer type: Automatic

Sampler: 4' Contiuous

DEPTH (feet)	Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
1	S4-1-1.5	●		48"/ 48"	0.0	CL	SANDY CLAY (CL) light brown to .5 feet, tan .5 to 3 feet, loose, dry, nonplastic, no odor
2							
3	S4-2.5-3	●					dark brown 3 to 4 feet
4							red brick observed
5	S4-4.5-5	●		0.0			CLAY (CL) brown, medium dense, dry, semiplastic, no odor
6				42"/ 48"		CL	
7				0.1			light brown sand lense 7 to 7.4 feet, dark brown to 8 feet
8							CLAY (CH) black, loose, moist, plastic, no odor
9							
10	S4-9.5-10	●		48"/ 48"			
11						CH	
12							black, loose, wet, semiplastic sand lens at 12.5 feet
13				30"/ 36"			
14							
15	S4-14.5-15	●					
16							
17							
18							
19							
20							

Depth of boring 15 feet below ground surface.

LANGAN

Project No.: 770634903 | Figure: A-4

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD.GPJ TEMPLATE_CA-MODIFIED.GDT 10/21/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-5

Boring location: See Site Plan, Figure 2

Logged by: J. Arakaki
Drilled By: Gregg Drilling

Date started: 10/12/20 | Date finished: 10/12/20

Drilling method: Direct Push

Hammer weight/drop: NA | Hammer type: Automatic

Sampler: 4' Contiuous

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
1	S5-1-1.5					SM	SILTY SAND (SM) tan to .5 feet, light gray-brown .5 to 4 feet, loose, moist, fine- to coarse-grained sand, subangular to angular, no odor coarse angular gravel upper 2 feet
2				42"/ 48"	0.0		
3	S5-2.5-3						
4						CL	SANDY CLAY (CL) dark gray-brown, medium stiff, moist, semiplastic, no odor blue-green discoloration at 5 feet, no odor
5	S5-4.5-5						
6				30"/ 48"	0.0		
7						SM	SILTY SAND (SM) dark gray-brown, loose, moist, fine-grained sand, coarse angular gravel, no odor
8							
9							
10	S5-9.5-10			30"/ 48"	0.0	CH	CLAY (CH) dark blue-gray, medium stiff, moist, plastic, no odor, shell fragments observed
11							
12							12 to 13 feet: fine-grained SILTY SAND lens
13				36"/ 36"	0.0		
14							
15	S5-14.5-15						
16							
17							
18							
19							
20							

Depth of boring 15 feet below ground surface.

LANGAN

Project No.: 770634903 | Figure: A-5

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD.GPJ TEMPLATE_CA-MODIFIED.GDT 10/21/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-6

Boring location: See Site Plan, Figure 2

Logged by: D. Wood
Drilled By: Gregg Drilling

Date started: 10/12/20 Date finished: 10/12/20

Drilling method: Direct Push

Hammer weight/drop: NA Hammer type: Automatic

Sampler: 4' Contiuous

DEPTH (feet)	Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
1	S6-1-1.5					SM	SILTY SAND (SM) light brown, loose, dry, nonplastic, no odor
2				48"/ 48"	0.0		
3	S6-2.5-3						
4						CL	CLAY (CL) black, medium dense, dry, semiplastic, no odor
5	S6-4.5-5						
6				48"/ 48"	0.0	SM	SILTY SAND (SM) brown, medium dense, dry, no odor gravel and rock chunks 7 to 7.5 feet
7							
8						CH	CLAY (CH) black to brown, loose, moist, semiplastic, no odor
9							
10	S6-9.5-10			22"/ 48"			
11							
12							
13				27"/ 36"			black, medium dense, moist, plastic, no odor plant matter at 13 feet
14							
15	S6-14.5-15						
16							
17							
18							
19							
20							

Depth of boring 15 feet below ground surface.

LANGAN

Project No.: 770634903 Figure: A-6

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD.GPJ TEMPLATE_CA-MODIFIED.GDT 10/21/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-7

Boring location: See Site Plan, Figure 2

Logged by: D. Wood
Drilled By: Gregg Drilling

Date started: 10/12/20 | Date finished: 10/12/20

Drilling method: Direct Push

Hammer weight/drop: NA | Hammer type: Automatic

Sampler: 4' Contiuous

DEPTH (feet)	Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
1	S7-1-1.5	●		48"/ 48"	0.0	SM	SILTY SAND (SM) tan and light brown, medium dense, dry, no odor, some gravel
2							rock chunks at 2 feet
3	S7-2.5-3	●					
4							
5	S7-4.5-5	●					
6				48"/ 48"	0.0		CLAY (CH) black, medium dense, moist, semiplastic, no odor
7							
8							
9							
10	S7-9.5-10	●		48"/ 48"	0.0	CH	10 to 10.5 feet: clay is reddish with some gravel, dense
11							
12							dark brown to black, wet, plastic, no odor,
13				36"/ 36"	0.0		transition to wet mud
14							
15	S7-14.5-15	●					
16							
17							
18							
19							
20							

Depth of boring 15 feet below ground surface.

LANGAN

Project No.: 770634903 | Figure: A-7

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD.GPJ TEMPLATE_CA-MODIFIED.GDT 10/21/22

UNIFIED SOIL CLASSIFICATION SYSTEM			
Major Divisions		Symbols	Typical Names
Coarse-Grained Soils (more than half of soil > no. 200 sieve size)	Gravels (More than half of coarse fraction > no. 4 sieve size)	GW	Well-graded gravels or gravel-sand mixtures, little or no fines
		GP	Poorly-graded gravels or gravel-sand mixtures, little or no fines
		GM	Silty gravels, gravel-sand-silt mixtures
		GC	Clayey gravels, gravel-sand-clay mixtures
	Sands (More than half of coarse fraction < no. 4 sieve size)	SW	Well-graded sands or gravelly sands, little or no fines
		SP	Poorly-graded sands or gravelly sands, little or no fines
		SM	Silty sands, sand-silt mixtures
		SC	Clayey sands, sand-clay mixtures
Fine -Grained Soils (more than half of soil < no. 200 sieve size)	Silts and Clays LL = < 50	ML	Inorganic silts and clayey silts of low plasticity, sandy silts, gravelly silts
		CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, lean clays
		OL	Organic silts and organic silt-clays of low plasticity
	Silts and Clays LL = > 50	MH	Inorganic silts of high plasticity
		CH	Inorganic clays of high plasticity, fat clays
		OH	Organic silts and clays of high plasticity
Highly Organic Soils		PT	Peat and other highly organic soils

GRAIN SIZE CHART		
Classification	Range of Grain Sizes	
	U.S. Standard Sieve Size	Grain Size in Millimeters
Boulders	Above 12"	Above 305
Cobbles	12" to 3"	305 to 76.2
Gravel coarse fine	3" to No. 4 3" to 3/4" 3/4" to No. 4	76.2 to 4.76 76.2 to 19.1 19.1 to 4.76
Sand coarse medium fine	No. 4 to No. 200 No. 4 to No. 10 No. 10 to No. 40 No. 40 to No. 200	4.76 to 0.075 4.76 to 2.00 2.00 to 0.420 0.420 to 0.075
Silt and Clay	Below No. 200	Below 0.075

Unstabilized groundwater level

Stabilized groundwater levelA

SAMPLE DESIGNATIONS/SYMBOLS

Sample taken with Sprague & Henwood split-barrel sampler with a 3.0-inch outside diameter and a 2.43-inch inside diameter. Darkened area indicates soil recovered

Classification sample taken with Standard Penetration Test sampler

Undisturbed sample taken with thin-walled tube

Disturbed sample

Sampling attempted with no recovery

Core sample

Analytical laboratory sample, grab groundwater

Sample taken with Direct Push sampler

Sonic

SAMPLER TYPE

C Core barrel

CA California split-barrel sampler with 2.5-inch outside diameter and a 1.93-inch inside diameter

D&M Dames & Moore piston sampler using 2.5-inch outside diameter, thin-walled tube

O Osterberg piston sampler using 3.0-inch outside diameter, thin-walled Shelby tube

PT Pitcher tube sampler using 3.0-inch outside diameter, thin-walled Shelby tube

S&H Sprague & Henwood split-barrel sampler with a 3.0-inch outside diameter and a 2.43-inch inside diameter

SPT Standard Penetration Test (SPT) split-barrel sampler with a 2.0-inch outside diameter and a 1.5-inch inside diameter

ST Shelby Tube (3.0-inch outside diameter, thin-walled tube) advanced with hydraulic pressure

410 AIRPORT BOULEVARD
Burlingame, California

CLASSIFICATION CHART

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Date 10/09/20 | Project No. 770634903 | Figure A-8

APPENDIX B

2022 EXPLORATORY BORING LOGS

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring H-1

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0	SM	SILTY SAND (SM) brown to tan, loose, dry, subangular, well graded, well graded, no odor, rock fragments, some gravel
1					0.0		
				30/ 36"			
2					0.0		
3					0.0		rocky lens at 3 feet
4					0.0		
	H-1-3-6	●		48/ 36"			
5					0.0		
6					0.0	CL	SANDY CLAY (CL) brown to gray, medium stiff, moist, plastic, no odor
7					0.0		
	H-1-6-9	●		48/ 36"			
8					0.0	CH	CLAY (CH) gray, soft, moist, plastic, no odor, trace sand
9					0.0		
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 9 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903

Figure: B-1

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring H-2

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0	SM	SILTY SAND (SM) brown to tan, loose, dry, subangular, well graded, no odor, rock fragments, some gravel
1					0.0		
				30/ 36"			rocky lens at 1.5 feet
2					0.0		
3					0.0		
4					0.0		
	H-2-3-6	●		48/ 36"			
5					0.0		
6					0.0	CL	SANDY CLAY (CL) brown to gray, medium stiff, moist, plastic, no odor glass fragments, brick at 6 feet
7					0.0		
	H-2-6-9	●		48/ 36"			CLAY (CH) gray, soft, moist, plastic, weak odor, some rock fragments, some gravel, glass
8					0.0	CH	
9					0.0		
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 9 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 Figure: B-2

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring H-3

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0	SM	SILTY SAND (SM) brown to tan, loose, dry, subangular, well graded, no odor, rock fragments, some gravel
1				30/ 36"	0.0		
2					0.0		
3					0.0		
4					0.0		
5	H-3-3-6			48/ 36"	0.0		
6					0.0	CL	SANDY CLAY (CL) brown to gray, medium stiff, moist, plastic, no odor, glass fragments, rock fragments, some gravel
7					0.0		
8	H-3-6-9			48/ 36"	0.0	CH	CLAY (CH) gray, soft, moist, plastic, weak odor
9					0.0		
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 9 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 Figure: B-3

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-1B

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 | Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A | Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0		
1				24/ 24"	0.0	SM	SILTY SAND (SM) brown, loose, dry, sub angular, no odor, well graded, some gravel, some rock fragments, trace asphalt and brick material at 6-inches
2	S-1B-2.0				0.0	CL	CLAY (CL) red to brown with black mottling, very stiff, dry, some plasticity, no odor, trace silt and sand
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 2 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 | Figure: B-4

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-1E

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 | Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A | Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
1	S-1E-1.5	●		24/ 18"	0.0 0.0 0.0	SM	SILTY SAND (SM) brown, loose, dry, subangular, well grading, no odor, some gravel, some rock fragments. trace glass and asphalt at 1 foot

Depth of boring 1.5 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 | Figure: B-5

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-1EE

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 | Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A | Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
1	S-1EE-1.5	●		18/18"	0.0 0.0 0.0	SM	SILTY SAND (SM) tan to brown, loose, dry, subangular, well graded, no odor some gravel, rock fragment layer 1-1.5 feet trace asphalt at 1 foot

Depth of boring 1.5 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 | Figure: B-6

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-1N

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 | Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A | Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
1	S-1N-1.5			12/18"	0.0 0.0 0.0	SM	SILTY SAND (SM) brown, loose, dry, subangular, well graded, no odor, trace glass, some gravel

Depth of boring 1.5 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 | Figure: B-7

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-1S

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0	SM	SILTY SAND (SM) brown, loose, dry, subangular, well graded, no odor, some gravel, rock and rock fragments
1	S-1S-1.5	●		18/ 18"	0.0	CL	CLAY (CL) red-brown, very stiff, dry, non plastic, no odor, hard clay, some sand and rock fragments
2					0.0		
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 1.5 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 Figure: B-8

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-1SS

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blow Count	SAMPLES: Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
1	S-1SS-1.5	●		12/18"	0.0 0.0 0.0	SM	SILTY SAND (SM) brown, loose, dry, subangular, well graded, no odor, some gravel, and rock fragments
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 1.5 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 Figure: B-9

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-1W

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 | Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A | Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0	SM	SILTY SAND (SM) brown, loose, dry, subangular, well graded, no odor, some gravel
1	S-1W-1.5	●		18/ 18"	0.0	CL	CLAY (CL) red-brown with black mottling, very stiff, dry, non plastic, no odor, trace sand trace asphalt top 2 inches
2					0.0		
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 1.5 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 | Figure: B-10

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-1WW

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0		
1	S-1WW-1.5			10/18"	0.0	SM	SILTY SAND (SM) brown, loose, dry, subrounded, well graded, no odor
					0.0		rock fragments. Rock lens at 1.5 feet plastic, brick and some gravel
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 1.5 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 Figure: B-11

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-3B

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 | Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A | Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0		
1				24/ 24"	0.0	SM	SILTY SAND (SM) brown, loose, dry, subangular, well graded, no odor, some plastic, and plaster rock fragment layer 1 to 1.5 feet, some gravel
2	S-3B-2.0				0.0	CL	CLAY (CL) dark brown, hard, dry, non plastic, no odor some red brick at 1.5 feet rock fragments and trace silt
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 2 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 | Figure: B-12

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-3E

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 | Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A | Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
1	S-3E-1.5	●		24/ 18"	0.0 0.0 0.0	SM	SILTY SAND (SM) brown, loose, dry, subangular, well graded, no odor some gravel, some rock fragments, trace glass
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 1.5 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 | Figure: B-13

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-3EE

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
1	S-3EE-1.5	●		14/ 18"	0.0 0.0 0.0	SM	SILTY SAND (SM) brown, loose, dry, subangular, well graded, no odor, some gravel, some rock fragments
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 1.5 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 Figure: B-14

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-3N

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 | Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A | Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
1	S-3N-1.5	●		12/18"	0.0 0.0 0.0	SM	SILTY SAND (SM) tan to brown, loose, dry, subangular, well graded, no odor some gravel, some rock fragments. Asphalt top 2 inches. trace glass

Depth of boring 1.5 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 | Figure: B-15

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-3S

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 | Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A | Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
1	S-3S-1.5			18/ 18"	0.0 0.0 0.0	SM	SILTY SAND (SM) brown, some red, loose, dry, subangular, well graded, no odor some gravel, some rock fragments. Trace clay bottom 2 inches

Depth of boring 1.5 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 | Figure: B-16

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-3SS

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
1	S-3SS-1.5	●		18/ 18"	0.0 0.0 0.0	SM	SILTY SAND (SM) tan-brown, loose, dry, subangular, well graded, no odor some gravel, some rock fragments. Trace asphalt
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 1.5 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 Figure: B-17

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-3W

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 | Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A | Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
1	S-3W-1.5	●		18/18"	0.0 0.0 0.0	SM	SILTY SAND (SM) tan to brown, loose, dry, subangular, well graded, no odor some gravel, some rock fragments. Some asphalt 0.5 to 1.5 feet

Depth of boring 1.5 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 | Figure: B-18

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-3WW

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
1	S-3WW-1.5	●		18/18"	0.0 0.0 0.0	SM	SILTY SAND (SM) tan to brown, loose, dry, subangular, well graded, no odor some gravel, some rock fragments. White rock fragments bottom 6 inches

Depth of boring 1.5 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 Figure: B-19

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-4B

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blow Count	SAMPLES: Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0		
1					0.0		SILTY SAND (SM) brown with some red, loose, dry, subangular, well graded, no odor
2				42/ 42"	0.0	SM	
3	S-4B-3.5				0.0		some gravel, some rock fragments brick fragments. Trace clay 3.0 to 3.5 feet
4					0.0		
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 3.5 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903

Figure: B-20

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-4E

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blow Count	SAMPLES: Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0		SILTY SAND (SM)
1				30/ 36"	0.0	SM	brown to red-brown, loose, dry, subangular, well graded, no odor
2					0.0		some gravel. Rock fragments 0 to 1 feet. Trace clay bottom 1 feet
3	S-4E-3.0				0.0		
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 3 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 Figure: B-21

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-4EE

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blow Count	SAMPLES: Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0		SILTY SAND (SM) tan to brown, loose, dry, subangular, well graded, no odor
1				24/ 36"	0.0	SM	
2					0.0		some gravel and rock fragments. Rock fragment layer 0 to 1 feet. 2 inches of asphalt at 2 feet
3	S-4EE-3.0				0.0		
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 3 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 Figure: B-22

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-4N

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0		SILTY SAND (SM) brown, loose, dry, subangular, well graded, nop odor some gravel and rock fragments.
1				24/ 36"	0.0	SM	
2					0.0		
3	S-4N-3.0				0.0		
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 3 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903

Figure: B-23

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-4S

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blow Count	SAMPLES: Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
1				40/ 36"	0.0	SM	SILTY SAND (SM) brown, loose, dry, subangular, well graded, no odor some gravel and rock fragments. Some red rock fragments
2					0.0		
3	S-4S-3.0				0.0	CL	SANDY CLAY (CL) brown with red mottling, stiff, moist, non plastic, no odor 2 inches of trace asphalt. Trace white caliche material (some pebbles, powdery)
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 3 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 Figure: B-24

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-4SS

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0		
1				32/ 36"	0.0	SM	SILTY SAND (SM) brown, loose, dry, subangular, well graded, no odor some gravel, rock, and rock fragments
2					0.0		
3	S-4SS-3.0				0.0	CL	SANDY CLAY (CL) brown with red mottling, stiff, moist, slightly plastic, no odor some gravel and rock fragment
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 3 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 Figure: B-25

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-4W

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 | Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A | Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0		SILTY SAND (SM) red-brown to brown, loose, dry, subangular, well graded, no odor
1				36/ 36"	0.0	SM	
2					0.0		some rock and rock fragments. Trace asphalt 2 to 2.5 feet
3	S-4W-3.0				0.0		
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 3 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 | Figure: B-26

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-4WW

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blow Count	SAMPLES: Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0		SILTY SAND (SM) tan to brown, loose, dry, subangular, well graded, no odor
1				36/ 36"	0.0	SM	
2					0.0		some gravel and rock fragments. Trace clay and rock fragments bottom 6 inches
3	S-4WW-3.0				0.0		
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 3 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 Figure: B-27

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-5B

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0	SM	SILTY SAND (SM) tan, loose, dry, subangular, well graded, no odor, rock fragments, some gravel
1					0.0		
2				48/48"	0.0		
3					0.0	CL	SANDY CLAY (CL) brown, stiff, moist, slightly plastic, no odor, some rock fragments
4					0.0		
5					0.0		
6				48/48"	0.0		
7					0.0		
8					0.0	CH	CLAY (CH) gray, medium stiff, moist, plastic, weak odor, trace sand
9				18/24"	0.0		
10	S-5B-10.0				0.0		
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 10 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 Figure: B-28

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-5E

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0		SILTY SAND (SM) tan, loose, dry, well graded, weak odor
1					0.0		
2				36/ 48"	0.0	SM	
3					0.0		
4					0.0		some gravel, some rock fragments. large rock fragment layer at 4 feet
5					0.0		SANDY CLAY (CL) brown to black, stiff, moist, slightly plastic, no odor
6				48/ 48"	0.0		
7					0.0	CL	some rock fragments at 7.5 feet, some gravel, trace sand
8					0.0		
9				36/ 24"	0.0		
10	S-5E-10.0				0.0	CH	CLAY (CH) gray, very stiff, moist, plastic, no odor
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 10 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 Figure: B-29

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-5EE

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0	SM	SILTY SAND (SM) tan to gray, loose, dry, subangular, well graded, no odor
1					0.0		some gravel, some rock fragments. rock fragment layer at 6 inches and 1.5 feet
2				42/ 48"	0.0		
3					0.0	CL	SANDY CLAY (CL) brown to black, stiff, moist, slightly plastic, no odor, some rock fragments
4					0.0		
5					0.0		
6				30/ 48"	0.0		
7					0.0		
8					0.0	CH	CLAY (CH) gray, soft, moist, plastic, no odor some rock fragments at 7.5 feet, some gravel, trace sand
9				24/ 24"	0.0		
10	S-5EE-10.0				0.0		gray, very stiff, moist, plastic, no odor
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 10 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 Figure: B-30

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT:	**410 AIRPORT BOULEVARD** **Burlingame, California**	**Log of Boring S-5N** PAGE 1 OF 1

Boring location: See Site Plan, Figure 2		Logged by: DLW/DR Drilled By: Gregg Drilling
Date started: 8/18/22	Date finished: 8/19/22	
Drilling method: Direct Push (DPT)		
Hammer weight/drop: N/A	Hammer type: N/A	
Sampler: Macrocore		

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blow Count	SAMPLES: Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0		
1					0.0	SM	SILTY SAND (SM) brown to tan, loose, dry, subangular, well graded, no odor, some gravel
2				46/ 48"	0.0		
3					0.0	CL	SANDY CLAY (CL) brown to dark gray with dark gray mottling, stiff, moist, slightly plastic, no odor, some rock fragments
4					0.0		
5					0.0		
6				38/ 48"	0.0		
7					0.0	CH	CLAY (CH) gray, medium stiff, moist, plastic, weak odor, some sand, some rock fragments
8					0.0		
9				24/ 24"	0.0		
10	S-5N-10.0				0.0		
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 10 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.:	Figure:
770634903	B-31

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-5S

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0		
1					0.0	SM	SILTY SAND (SM) brown, loose, dry, no odor, some gravel, some rock fragments, brick, glass
2				44/ 48"	0.0		
3					0.0		
4					0.0	CL	CLAY (CL) brown, medium stiff, dry, plastic, weak odor, some rock fragments, some gravel
5					0.0		
6				36/ 48"	0.0		
7					0.0	CH	CLAY (CH) gray, soft, moist, plastic, no odor, some rock fragments, brick fragments, trace sand.
8					0.0		
9				24/ 24"	0.0		
10	S-5S-10.0	●			0.0		
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 10 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 Figure: B-32

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT:	**410 AIRPORT BOULEVARD** **Burlingame, California**	**Log of Boring S-5SS** PAGE 1 OF 1

Boring location: See Site Plan, Figure 2		Logged by: DLW/DR Drilled By: Gregg Drilling
Date started: 8/18/22	Date finished: 8/19/22	
Drilling method: Direct Push (DPT)		
Hammer weight/drop: N/A	Hammer type: N/A	
Sampler: Macrocore		

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blow Count	SAMPLES: Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0	SM	SILTY SAND (SM) tan, loose, dry, subangular, well graded, no odor
1					0.0		
2				44/ 48"	0.0		some gravel, some rock fragments. Rock layer at 2.5 feet
3					0.0	CL	SANDY CLAY (CL) brown to dark gray, stiff, moist, non plastic, no odor, some rock fragments, some gravel. brick fragments
4					0.1		
5					0.0		
6				44/ 48"	0.0		
7					0.0		
8					0.0	CH	CLAY (CH) gray, soft. moist, plastic, no odor
9				24/ 24"	0.1		
10	S-5SS-10.0				0.0		
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 10 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.:	Figure:
770634903	B-33

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT:	**410 AIRPORT BOULEVARD** **Burlingame, California**	**Log of Boring S-5W** PAGE 1 OF 1
Boring location: See Site Plan, Figure 2		Logged by: DLW/DR Drilled By: Gregg Drilling
Date started: 8/18/22	Date finished: 8/19/22	
Drilling method: Direct Push (DPT)		
Hammer weight/drop: N/A	Hammer type: N/A	
Sampler: Macrocore		

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blow Count	SAMPLES: Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0		
1					0.0	SM	SILTY SAND (SM) brown to tan, loose, dry, subangular, well graded, no odor, some gravel, some rock fragments
2				44/48"	0.0		rock layer ay 2.5 feet
3					0.0		
4					0.0	CL	SANDY CLAY (CL) brown with dark brown to green mottling, stiff, moist, non plastic, no odor, some rock fragments, some gravel
5					0.0		
6				44/48"	0.0		
7					0.0		CLAY (CH) gray, soft, moist, plastic, no odor
8					0.0	CH	
9				24/24"	0.0		
10	S-5W-10.0				0.0		
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 10 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.:	Figure:
770634903	B-34

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT:	**410 AIRPORT BOULEVARD** **Burlingame, California**	**Log of Boring S-5WW** PAGE 1 OF 1

Boring location: See Site Plan, Figure 2		Logged by: DLW/DR Drilled By: Gregg Drilling
Date started: 8/18/22	Date finished: 8/19/22	
Drilling method: Direct Push (DPT)		
Hammer weight/drop: N/A	Hammer type: N/A	
Sampler: Macrocore		

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blow Count	SAMPLES: Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0	SM	SILTY SAND (SM) brown to tan, loose, dry, subangular, well graded, no odor, some gravel, some rock fragments
1					0.0		
2				36/ 48"	0.0		
3					0.0		rock layer at 3 feet
4					0.0	CL	SANDY CLAY (CL) brown with dark brown to green mottling, stiff, moist, non plastic, no odor, some rock fragments, some gravel
5					0.0		
6				48/ 48"	0.0		
7					0.1		
8					0.1	CH	CLAY (CH) gray, medium stiff, moist, plastic, weak odor
9				24/ 24"	0.0		
10	S-5WW-10.0				0.0		
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 10 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.:	Figure:
770634903	B-35

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-22B

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0		5 inches asphalt
							8 inches aggregate base (AB)
1					0.0		
2				42/ 42"	0.0	CL	CLAY (CL) gray-brown, stiff, dry, slightly plastic, no odor, some sand, some rock fragments, some gravel
3	S-22B-3.5				0.0		
4					0.0		
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 3.5 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 Figure: B-36

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-22E

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 | Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A | Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blow Count	SAMPLES: Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0		3 inches asphalt
							4 inches aggregate base (AB)
1				36/ 36"	0.0	CL	CLAY (CL) brown, stiff, dry, slightly plastic, no odor, some sand, some rock fragments, some gravel
2					0.0		
3	S-22E-3.0	●			0.0		
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 3 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 | Figure: B-37

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-22EE

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0		4 inches asphalt
							4 inches aggregate base (AB)
1				36/ 36"	0.0	CL	CLAY (CL) brown with red/gray mottling, stiff, moist, non plastic, no odor, some sand and some rock fragments
2					0.0		
3	S-22EE-3.0				0.0		
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 3 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 Figure: B-38

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-22N

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0		8 inches asphalt
							4 inches aggregate base (AB)
1				36/ 36"	0.0		CLAY (CL) brown with gray mottling, stiff, moist, slightly plastic, weak odor, trace sand with some rock fragments
2					0.0	CL	
	S-22N-3.0						
3					0.0		
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 3 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 Figure: B-39

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-22NN

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 | Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A | Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0		8 inches asphalt
1					0.0		4 inches aggregate base (AB)
2				36/ 36"	0.0	CL	CLAY (CL) brown with tan and gray mottling, stiff, dry, slightly plastic, weak odor, trace sand and some rock fragments
3	S-22NN-3.0	●			0.0		
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 3 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 | Figure: B-40

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-22S

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 | Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A | Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0		3 inches asphalt
							6 inches aggregate base (AB)
1				36/ 36"	0.0	CL	CLAY (CL) brown with gray mottling, stiff, dry, slightly plastic, weak odor, some sand with trace rock fragments
2					0.0		
3	S-22S-3.0	●			0.0		
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 3 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 | Figure: B-41

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-22SS

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0		3 inches asphalt
							3 inches aggregate base (AB)
1				36/ 36"	0.0	CL	CLAY (CL) brown, stiff, dry, non plastic, weak odor, rock fragments
2					0.0		
3	S-22SS-3.0				0.0		
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 3 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 Figure: B-42

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-22W

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 | Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A | Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0		7 inches asphalt
							6 inches aggregate base (AB)
1				36/ 36"	0.0		CLAY (CL) brown, stiff, moist, slightly plastic, no odor, trace sand
2					0.0	CL	
	S-22W-3.0						
3					0.0		
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 3 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903 | Figure: B-43

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

PROJECT: **410 AIRPORT BOULEVARD**
Burlingame, California

Log of Boring S-22WW

Boring location: See Site Plan, Figure 2

Logged by: DLW/DR
Drilled By: Gregg Drilling

Date started: 8/18/22 Date finished: 8/19/22

Drilling method: Direct Push (DPT)

Hammer weight/drop: N/A Hammer type: N/A

Sampler: Macrocore

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blow Count	SAMPLES: Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0					0.0		6 inches asphalt
							6 inches aggregate base (AB)
1				36/ 36"	0.0		CLAY (CL)
2					0.0	CL	brown, medium stiff, dry, slightly plastic, no odor, some rock fragments, some gravel, trace sand
	S-22WW-3.0	●					
3					0.0		
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Depth of boring 3 feet below ground surface.
Groundwater not encountered at time of drilling.

LANGAN

Project No.: 770634903

Figure: B-44

TEST ENVIRONMENTAL INCHES 770634903_410 AIRPORT BLVD_2022.GPJ TEMPLATE_CA-MODIFIED.GDT 10/26/22

UNIFIED SOIL CLASSIFICATION SYSTEM

Major Divisions		Symbols	Typical Names
Coarse-Grained Soils (more than half of soil > no. 200 sieve size)	**Gravels** (More than half of coarse fraction > no. 4 sieve size)	**GW**	Well-graded gravels or gravel-sand mixtures, little or no fines
		GP	Poorly-graded gravels or gravel-sand mixtures, little or no fines
		GM	Silty gravels, gravel-sand-silt mixtures
		GC	Clayey gravels, gravel-sand-clay mixtures
	Sands (More than half of coarse fraction < no. 4 sieve size)	**SW**	Well-graded sands or gravelly sands, little or no fines
		SP	Poorly-graded sands or gravelly sands, little or no fines
		SM	Silty sands, sand-silt mixtures
		SC	Clayey sands, sand-clay mixtures
Fine -Grained Soils (more than half of soil < no. 200 sieve size)	**Silts and Clays** LL = < 50	**ML**	Inorganic silts and clayey silts of low plasticity, sandy silts, gravelly silts
		CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, lean clays
		OL	Organic silts and organic silt-clays of low plasticity
	Silts and Clays LL = > 50	**MH**	Inorganic silts of high plasticity
		CH	Inorganic clays of high plasticity, fat clays
		OH	Organic silts and clays of high plasticity
Highly Organic Soils		**PT**	Peat and other highly organic soils

GRAIN SIZE CHART

Classification	Range of Grain Sizes	
	U.S. Standard Sieve Size	Grain Size in Millimeters
Boulders	Above 12"	Above 305
Cobbles	12" to 3"	305 to 76.2
Gravel	3" to No. 4	76.2 to 4.76
coarse	3" to 3/4"	76.2 to 19.1
fine	3/4" to No. 4	19.1 to 4.76
Sand	No. 4 to No. 200	4.76 to 0.075
coarse	No. 4 to No. 10	4.76 to 2.00
medium	No. 10 to No. 40	2.00 to 0.420
fine	No. 40 to No. 200	0.420 to 0.075
Silt and Clay	Below No. 200	Below 0.075

Unstabilized groundwater level

Stabilized groundwater level

SAMPLE DESIGNATIONS/SYMBOLS

Sample taken with Sprague & Henwood split-barrel sampler with a 3.0-inch outside diameter and a 2.43-inch inside diameter. Darkened area indicates soil recovered

Classification sample taken with Standard Penetration Test sampler

Undisturbed sample taken with thin-walled tube

Disturbed sample

Sampling attempted with no recovery

Core sample

Analytical laboratory sample

Sample taken with Direct Push or Drive sampler

Sonic

SAMPLER TYPE

C Core barrel

CA California split-barrel sampler with 2.5-inch outside diameter and a 1.93-inch inside diameter

D&M Dames & Moore piston sampler using 2.5-inch outside diameter, thin-walled tube

O Osterberg piston sampler using 3.0-inch outside diameter, thin-walled Shelby tube

PT Pitcher tube sampler using 3.0-inch outside diameter, thin-walled Shelby tube

S&H Sprague & Henwood split-barrel sampler with a 3.0-inch outside diameter and a 2.43-inch inside diameter

SPT Standard Penetration Test (SPT) split-barrel sampler with a 2.0-inch outside diameter and a 1.5-inch inside diameter

ST Shelby Tube (3.0-inch outside diameter, thin-walled tube) advanced with hydraulic pressure

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Project: 410 AIRPORT BOULEVARD
BURLINGAME
SAN MATEO COUNTY CALIFORNIA

Figure Title: SOIL CLASSIFICATION CHART

Project No. 770634903
Date 10/19/2022
Drawn By AG
Checked By DLW

Figure: B-45

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Filename: \\langan.com\data\SJO\data9\770634903\Project Data\CAD\03\2D-DesignFiles\Environmental\770634903-N-GI0101_Lab-Classification.dwg Date: 10/19/2022 Time: 15:20 User: jfrank Style Table: Langan.stb Layout: SOIL CHART

APPENDIX C

CERTIFIED LABORATORY ANALYTICAL RESULTS

McCampbell Analytical, Inc.
"When Quality Counts"

Analytical Report

WorkOrder:	2010B36
Report Created for:	Langan 1 Almaden Blvd, Suite 590 San Jose, CA 95113
Project Contact:	Peter Cusack
Project P.O.:	
Project:	770634903; Berlingame Shoreline Park 410 Airport Blvd
Project Received:	10/21/2020

Analytical Report reviewed & approved for release on 10/28/2020 by:

Susan Thompson
Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.

McCampbell Analytical, Inc.
"When Quality Counts"

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Glossary of Terms & Qualifier Definitions

Client: Langan
Project: 770634903; Berlingame Shoreline Park 410 Airport Blvd
WorkOrder: 2010B36

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TZA	TimeZone Net Adjustment for sample collected outside of MAI's UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Glossary of Terms & Qualifier Definitions

Client: Langan
Project: 770634903; Berlingame Shoreline Park 410 Airport Blvd
WorkOrder: 2010B36

Analytical Qualifiers

d7	Strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram
e2	Diesel range compounds are significant; no recognizable pattern
e7	Oil range compounds are significant
e8	Pattern resembles kerosene/kerosene range/jet fuel range

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Analytical Report

Client:	Langan	**WorkOrder:**	2010B36
Date Received:	10/21/2020 14:05	**Extraction Method:**	SW5035
Date Prepared:	10/21/2020	**Analytical Method:**	SW8021B/8015Bm
Project:	770634903; Berlingame Shoreline Park 410 Airport Blvd	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TP-S8-7.0	2010B36-001A	Soil	10/20/2020 10:50	GC7 10262028.D	207850

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	10/26/2020 23:46
MTBE	---	0.050	1	10/26/2020 23:46
Benzene	---	0.0050	1	10/26/2020 23:46
Toluene	---	0.0050	1	10/26/2020 23:46
Ethylbenzene	---	0.0050	1	10/26/2020 23:46
m,p-Xylene	---	0.010	1	10/26/2020 23:46
o-Xylene	---	0.0050	1	10/26/2020 23:46
Xylenes	---	0.0050	1	10/26/2020 23:46

Surrogates	REC (%)	Limits	
2-Fluorotoluene	87	62-126	10/26/2020 23:46

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TP-S10-7.0	2010B36-002A	Soil	10/20/2020 10:55	GC19 10262031.D	207850

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	10/27/2020 01:24
MTBE	---	0.050	1	10/27/2020 01:24
Benzene	---	0.0050	1	10/27/2020 01:24
Toluene	---	0.0050	1	10/27/2020 01:24
Ethylbenzene	---	0.0050	1	10/27/2020 01:24
m,p-Xylene	---	0.010	1	10/27/2020 01:24
o-Xylene	---	0.0050	1	10/27/2020 01:24
Xylenes	---	0.0050	1	10/27/2020 01:24

Surrogates	REC (%)	Limits	
2-Fluorotoluene	88	62-126	10/27/2020 01:24

Analyst(s): IA

(Cont.)

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Analytical Report

Client:	Langan	**WorkOrder:**	2010B36
Date Received:	10/21/2020 14:05	**Extraction Method:**	SW5035
Date Prepared:	10/21/2020	**Analytical Method:**	SW8021B/8015Bm
Project:	770634903; Berlingame Shoreline Park 410 Airport Blvd	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TP-S11-7.0	**2010B36-003A**	**Soil**	**10/20/2020 11:05**	**GC19 10262037.D**	**207850**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	10/27/2020 04:24
MTBE	---	0.050	1	10/27/2020 04:24
Benzene	---	0.0050	1	10/27/2020 04:24
Toluene	---	0.0050	1	10/27/2020 04:24
Ethylbenzene	---	0.0050	1	10/27/2020 04:24
m,p-Xylene	---	0.010	1	10/27/2020 04:24
o-Xylene	---	0.0050	1	10/27/2020 04:24
Xylenes	---	0.0050	1	10/27/2020 04:24

Surrogates	REC (%)	Limits	
2-Fluorotoluene	81	62-126	10/27/2020 04:24

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TP-S17-4.5	**2010B36-004A**	**Soil**	**10/20/2020 15:28**	**GC7 10262029.D**	**207850**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**1.5**	1.0	1	10/27/2020 00:16
MTBE	---	0.050	1	10/27/2020 00:16
Benzene	---	0.0050	1	10/27/2020 00:16
Toluene	---	0.0050	1	10/27/2020 00:16
Ethylbenzene	---	0.0050	1	10/27/2020 00:16
m,p-Xylene	---	0.010	1	10/27/2020 00:16
o-Xylene	---	0.0050	1	10/27/2020 00:16
Xylenes	---	0.0050	1	10/27/2020 00:16

Surrogates	REC (%)	Limits	
2-Fluorotoluene	91	62-126	10/27/2020 00:16

Analyst(s): IA Analytical Comments: d7

(Cont.)

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Analytical Report

Client:	Langan	**WorkOrder:**	2010B36
Date Received:	10/21/2020 14:05	**Extraction Method:**	SW5035
Date Prepared:	10/21/2020	**Analytical Method:**	SW8021B/8015Bm
Project:	770634903; Berlingame Shoreline Park 410 Airport Blvd	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TP-S22-2.7	**2010B36-005A**	**Soil**	**10/20/2020 13:45**	**GC7 10272017.D**	**207850**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**1.8**	1.0	1	10/27/2020 20:47
MTBE	---	0.050	1	10/27/2020 20:47
Benzene	---	0.0050	1	10/27/2020 20:47
Toluene	---	0.0050	1	10/27/2020 20:47
Ethylbenzene	---	0.0050	1	10/27/2020 20:47
m,p-Xylene	---	0.010	1	10/27/2020 20:47
o-Xylene	---	0.0050	1	10/27/2020 20:47
Xylenes	---	0.0050	1	10/27/2020 20:47

Surrogates	REC (%)	Limits	
2-Fluorotoluene	93	62-126	10/27/2020 20:47

Analyst(s): IA Analytical Comments: d7

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Analytical Report

Client:	Langan	**WorkOrder:**	2010B36
Date Received:	10/21/2020 14:05	**Extraction Method:**	SW3550B
Date Prepared:	10/21/2020-10/28/2020	**Analytical Method:**	SW8015B
Project:	770634903; Berlingame Shoreline Park 410 Airport Blvd	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TP-S8-7.0	2010B36-001A	Soil	10/20/2020 10:50	GC31B 10232019.D	207818

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**6.3**	1.0	1	10/23/2020 22:25
TPH-Motor Oil (C18-C36)	**48**	5.0	1	10/23/2020 22:25

Surrogates	REC (%)	Limits	
C9	90	70-130	10/23/2020 22:25

Analyst(s): TD Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TP-S10-7.0	2010B36-002A	Soil	10/20/2020 10:55	GC31B 10282009.D	208215

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**7.4**	2.0	2	10/28/2020 10:25
TPH-Motor Oil (C18-C36)	**66**	10	2	10/28/2020 10:25

Surrogates	REC (%)	Limits	
C9	88	70-130	10/28/2020 10:25

Analyst(s): JIS Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TP-S11-7.0	2010B36-003A	Soil	10/20/2020 11:05	GC39A 10262026.D	207861

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**3.2**	1.0	1	10/26/2020 16:23
TPH-Motor Oil (C18-C36)	**11**	5.0	1	10/26/2020 16:23

Surrogates	REC (%)	Limits	
C9	78	70-130	10/26/2020 16:23

Analyst(s): TD Analytical Comments: e7,e8,e2

(Cont.)

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Analytical Report

Client:	Langan	**WorkOrder:**	2010B36
Date Received:	10/21/2020 14:05	**Extraction Method:**	SW3550B
Date Prepared:	10/21/2020-10/28/2020	**Analytical Method:**	SW8015B
Project:	770634903; Berlingame Shoreline Park 410 Airport Blvd	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TP-S17-4.5	**2010B36-004A**	**Soil**	**10/20/2020 15:28**	**GC9b 10272031.D**	**207861**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**15**	1.0	1	10/27/2020 18:47
TPH-Motor Oil (C18-C36)	**12**	5.0	1	10/27/2020 18:47

Surrogates	REC (%)	Limits	
C9	89	70-130	10/27/2020 18:47

Analyst(s): JIS Analytical Comments: e2,e7

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TP-S22-2.7	**2010B36-005A**	**Soil**	**10/20/2020 13:45**	**GC9b 10232031.D**	**207861**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**2600**	20	20	10/24/2020 02:31
TPH-Motor Oil (C18-C36)	**3300**	100	20	10/24/2020 02:31

Surrogates	REC (%)	Limits	
C9	92	70-130	10/24/2020 02:31

Analyst(s): TD Analytical Comments: e7,e2

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010B36
Date Prepared:	10/21/2020	**BatchID:**	207850
Date Analyzed:	10/22/2020	**Extraction Method:**	SW5035
Instrument:	GC19, GC7	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Berlingame Shoreline Park 410 Airport Blvd	**Sample ID:**	MB/LCS/LCSD-207850

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH(g) (C6-C12)	ND	0.700	1.00	-	-	-
MTBE	ND	0.00400	0.0500	-	-	-
Benzene	ND	0.00300	0.00500	-	-	-
Toluene	ND	0.00200	0.00500	-	-	-
Ethylbenzene	ND	0.00220	0.00500	-	-	-
m,p-Xylene	ND	0.00300	0.0100	-	-	-
o-Xylene	ND	0.00100	0.00500	-	-	-
Surrogate Recovery						
2-Fluorotoluene	0.101			0.1	101	75-134

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(btex)	0.655	0.630	0.60	109	105	82-118	3.83	20
MTBE	0.0956	0.0986	0.10	96	99	61-119	3.10	20
Benzene	0.117	0.112	0.10	117	112	77-128	4.53	20
Toluene	0.117	0.114	0.10	117	114	74-132	2.95	20
Ethylbenzene	0.112	0.112	0.10	111	112	84-127	0.186	20
m,p-Xylene	0.235	0.235	0.20	117	117	80-120	0.0219	20
o-Xylene	0.108	0.109	0.10	108	109	80-120	0.930	20
Surrogate Recovery								
2-Fluorotoluene	0.106	0.104	0.10	106	104	75-134	2.31	20

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010B36
Date Prepared:	10/21/2020	**BatchID:**	207818
Date Analyzed:	10/22/2020	**Extraction Method:**	SW3550B
Instrument:	GC39B, GC9b	**Analytical Method:**	SW8015B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Berlingame Shoreline Park 410 Airport Blvd	**Sample ID:**	MB/LCS/LCSD-207818

QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	0.750	1.00	-	-	-
TPH-Motor Oil (C18-C36)	ND	3.90	5.00	-	-	-
Surrogate Recovery						
C9	22.0			25	88	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	37.9	37.5	40	95	94	70-130	1.12	20
Surrogate Recovery								
C9	21.8	21.8	25	87	87	70-130	0.0884	20

(Cont.)

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010B36
Date Prepared:	10/21/2020	**BatchID:**	207861
Date Analyzed:	10/22/2020	**Extraction Method:**	SW3550B
Instrument:	GC6B	**Analytical Method:**	SW8015B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Berlingame Shoreline Park 410 Airport Blvd	**Sample ID:**	MB/LCS/LCSD-207861

QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	0.750	1.00	-	-	-
TPH-Motor Oil (C18-C36)	ND	3.90	5.00	-	-	-
Surrogate Recovery						
C9	21.7			25	87	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	37.6	37.0	40	94	93	70-130	1.58	20
Surrogate Recovery								
C9	21.2	21.3	25	85	85	70-130	0.373	20

(Cont.)

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010B36
Date Prepared:	10/28/2020	**BatchID:**	208215
Date Analyzed:	10/28/2020	**Extraction Method:**	SW3550B
Instrument:	GC31A	**Analytical Method:**	SW8015B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Berlingame Shoreline Park 410 Airport Blvd	**Sample ID:**	MB/LCS/LCSD-208215

QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	0.750	1.00	-	-	-
TPH-Motor Oil (C18-C36)	ND	3.90	5.00	-	-	-
Surrogate Recovery						
C9	22.7			25	91	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	40.6	40.8	40	102	102	70-130	0.525	20
Surrogate Recovery								
C9	22.1	22.1	25	89	88	70-130	0.156	20

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 2010B36 **ClientCode: TRSJ**

☐ WaterTrax ☐ WriteOn ☐ EDF ☒ EQuIS ☒ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☒ Detection Summary ☐ Excel

Report to:
Peter Cusack
Langan
1 Almaden Blvd, Suite 590
San Jose, CA 95113
(407) 494-8451 FAX:

Email: pcusack@Langan.com
cc/3rd Party: dwood@langan.com;
PO:
Project: 770634903; Berlingame Shoreline Park
410 Airport Blvd

Bill to:
Accounts Payable
Langan
555 Montgomery St., Suite 1300
San Francisco, CA 94111
Langan_InvoiceCapture@concursolution

Requested TAT: 5 days;

Date Received: **10/21/2020**
Date Logged: **10/21/2020**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2010B36-001	TP-S8-7.0	Soil	10/20/2020 10:50	☐	A	A	A									
2010B36-002	TP-S10-7.0	Soil	10/20/2020 10:55	☐	A	A	A									
2010B36-003	TP-S11-7.0	Soil	10/20/2020 11:05	☐	A	A	A									
2010B36-004	TP-S17-4.5	Soil	10/20/2020 15:28	☐	A	A	A									
2010B36-005	TP-S22-2.7	Soil	10/20/2020 13:45	☐	A	A	A									

Test Legend:

1	G-MBTEX_S	2	PRDisposal Fee	3	TPH(DMO)_S	4	
5		6		7		8	
9		10		11		12	

Project Manager: Angela Rydelius **Prepared by: Lilly Ortiz**

The following SampIDs: 001A, 002A, 003A, 004A, 005A contain testgroup Multi Range_S.

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: LANGAN
Client Contact: Peter Cusack
Contact's Email: pcusack@Langan.com

Project: 770634903; Berlingame Shoreline Park 410 Airport Blvd
Comments

Work Order: 2010B36
QC Level: LEVEL 2
Date Logged: 10/21/2020

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	DryWeight	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2010B36-001A	TP-S8-7.0	Soil	Multi-Range TPH	1	8OZ aG Jar, Unpres	☐	10/20/2020 10:50	5 days		☐	
2010B36-002A	TP-S10-7.0	Soil	Multi-Range TPH	1	8OZ aG Jar, Unpres	☐	10/20/2020 10:55	5 days		☐	
2010B36-003A	TP-S11-7.0	Soil	Multi-Range TPH	1	8OZ aG Jar, Unpres	☐	10/20/2020 11:05	5 days		☐	
2010B36-004A	TP-S17-4.5	Soil	Multi-Range TPH	1	8OZ aG Jar, Unpres	☐	10/20/2020 15:28	5 days		☐	
2010B36-005A	TP-S22-2.7	Soil	Multi-Range TPH	1	8OZ aG Jar, Unpres	☐	10/20/2020 13:45	5 days		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

14394 2010B36

LANGAN

CHAIN OF CUSTODY RECORD

Page 1 of 1

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☐ 501 14th Street, Third Floor, Oakland, CA 94612
☐ 3320 Data Drive, Suite 350, Rancho Cordova, CA 95670-7982
☑ 1 Almaden Boulevard, Suite 590, San Jose, CA 95113

Site Name: Berlingame Shoreline Park 410 Airport Blvd
Job Number: 770634903
Project Manager\Contact: Peter Cusack, Daniel Wood
Samplers: Daniel Wood
Recorder (Signature Required): Daniel Wood

Turnaround Time: STD

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Water	Air	Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice			Analysis Requested: TPH (gid, mo)										Silica gel clean-up	Hold	Remarks
TP-S8-7.0	10-20-20	1050		X							X			X												
TP-S10-7.0	10-20-20	1055		X							X			X												
TP-S11-7.0	10-20-20	1105		X							X			X												
TP-S17-4.5	10-20-20	1528		X							X			X												
TP-S22-2.7	10-20-20	1345		X							X			X												

Relinquished by: (Signature)	Date:	Time	Received by: (Signature)	Date	Time
Daniel Wood	10-21-20	1208	L Moore	10/21/20	1208
Moore	10/21/1405			10/21/20	1405
Relinquished by: (Signature)	Date:	Time	Received by Lab: (Signature)	Date	Time

Sent to Laboratory (Name):
Laboratory Comments/Notes:

Method of Shipment ☐ Lab courier ☐ Fed Ex ☐ Airborne ☐ UPS ☐ Hand Carried ☐ Private Courier (Co. Name)

White Copy - Original Yellow Copy - Laboratory Pink Copy - Field COC Number:

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Sample Receipt Checklist

Client Name: **Langan**
Project: **770634903; Berlingame Shoreline Park 410 Airport Blvd**

WorkOrder №: **2010B36** Matrix: Soil
Carrier: Laurie Moore (MAI Courier)

Date and Time Received: **10/21/2020 14:05**
Date Logged: **10/21/2020**
Received by: Lilly Ortiz
Logged by: Lilly Ortiz

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Sample IDs noted by Client on COC?	Yes ☑	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐	
Sampler's name noted on COC?	Yes ☑	No ☐	
COC agrees with Quote?	Yes ☐	No ☐	NA ☑

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	NA ☐
Samples Received on Ice?	Yes ☑	No ☐	
(Ice Type: WET ICE)			
Sample/Temp Blank temperature	Temp: 0.1°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	NA ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 218.7: >8)?	Yes ☐	No ☐	NA ☑
UCMR Samples:			
pH tested and acceptable upon receipt (200.8: ≤2; 525.3: ≤4; 530: ≤7; 541: <3; 544: <6.5 & 7.5)?	Yes ☐	No ☐	NA ☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L)?	Yes ☐	No ☐	NA ☑

Comments:

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Analytical Report

WorkOrder: 2010637

Report Created for: Langan

1 Almaden Blvd, Suite 590
San Jose, CA 95113

Project Contact: Peter Cusack
Project P.O.:
Project: 770634903; Burlingame Shoreline Park

Project Received: 10/13/2020

Analytical Report reviewed & approved for release on 11/04/2020 by:

Jennifer Lagerbom
Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.

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CA ELAP 1644 ♦ NELAP 4033 ORELAP

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Glossary of Terms & Qualifier Definitions

Client: Langan
Project: 770634903; Burlingame Shoreline Park
WorkOrder: 2010637

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TZA	TimeZone Net Adjustment for sample collected outside of MAI's UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Glossary of Terms & Qualifier Definitions

Client: Langan
Project: 770634903; Burlingame Shoreline Park
WorkOrder: 2010637

Analytical Qualifiers

B	Analyte detected in the associated Method Blank and in the sample
H	Samples were analyzed out of hold time
J	Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.
P	Agreement between quantitative confirmation results exceed method recommended limits
S	Surrogate recovery outside accepted recovery limits.
a3	Sample diluted due to high organic content interfering with quantitative/or qualitative analysis.
c1	Surrogate recovery outside of the control limits due to the dilution of the sample.
c2	Surrogate recovery outside of the control limits due to matrix interference.
d1	Weakly modified or unmodified gasoline is significant
e2	Diesel range compounds are significant; no recognizable pattern
e6	One to a few isolated peaks present in the TPH(d/mo) chromatogram
e7	Oil range compounds are significant
h7	Copper (EPA 3660B) cleanup
k10	CARB 435 Exception 1 - No asbestos detected. The limit of quantitation (LOQ) = 0.25%.
k15	Chrysotile

Quality Control Qualifiers

F2	LCS/LCSD recovery and/or RPD/RSD is out of acceptance criteria.
F3	The surrogate standard recovery and/or RPD is outside of acceptance limits.

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	10/28/2020	**Analytical Method:**	SW8081A/8082
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-1-1.5	2010637-001A	Soil	10/12/2020 08:15	GC23 10282067.d	208243

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Aldrin	ND	H	0.00010	1	10/29/2020 04:49
a-BHC	ND	H	0.00010	1	10/29/2020 04:49
b-BHC	ND	H	0.00030	1	10/29/2020 04:49
d-BHC	ND	H	0.00020	1	10/29/2020 04:49
g-BHC	ND	H	0.00010	1	10/29/2020 04:49
Chlordane (Technical)	ND	H	0.0025	1	10/29/2020 04:49
a-Chlordane	**0.0016**	PH	0.00010	1	10/29/2020 04:49
g-Chlordane	**0.0017**	H	0.00010	1	10/29/2020 04:49
p,p-DDD	**0.00024**	PH	0.00010	1	10/29/2020 04:49
p,p-DDE	**0.00041**	H	0.00010	1	10/29/2020 04:49
p,p-DDT	**0.0014**	PH	0.00010	1	10/29/2020 04:49
Dieldrin	**0.00037**	H	0.00010	1	10/29/2020 04:49
Endosulfan I	ND	H	0.00010	1	10/29/2020 04:49
Endosulfan II	ND	H	0.00010	1	10/29/2020 04:49
Endosulfan sulfate	ND	H	0.00010	1	10/29/2020 04:49
Endrin	ND	H	0.00010	1	10/29/2020 04:49
Endrin aldehyde	ND	H	0.00010	1	10/29/2020 04:49
Endrin ketone	ND	H	0.00010	1	10/29/2020 04:49
Heptachlor	**0.00011**	PH	0.00010	1	10/29/2020 04:49
Heptachlor epoxide	**0.00033**	PH	0.00010	1	10/29/2020 04:49
Hexachlorobenzene	ND	H	0.0010	1	10/29/2020 04:49
Hexachlorocyclopentadiene	ND	H	0.0020	1	10/29/2020 04:49
Methoxychlor	ND	H	0.00020	1	10/29/2020 04:49
Toxaphene	ND	H	0.0050	1	10/29/2020 04:49
Aroclor1016	ND	H	0.0050	1	10/29/2020 04:49
Aroclor1221	ND	H	0.0050	1	10/29/2020 04:49
Aroclor1232	ND	H	0.0050	1	10/29/2020 04:49
Aroclor1242	ND	H	0.0050	1	10/29/2020 04:49
Aroclor1248	ND	H	0.0050	1	10/29/2020 04:49
Aroclor1254	ND	H	0.0050	1	10/29/2020 04:49
Aroclor1260	ND	H	0.0050	1	10/29/2020 04:49
PCBs, total	ND	H	0.0050	1	10/29/2020 04:49

Surrogates	REC (%)	Qualifiers	Limits	
Decachlorobiphenyl	104	H	20-145	10/29/2020 04:49

Analyst(s): BRV

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	10/28/2020	**Analytical Method:**	SW8081A/8082
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-1-1.5	2010637-006A	Soil	10/12/2020 09:16	GC23 10282068.d	208243

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Aldrin	ND	H	0.00010	1	10/29/2020 05:04
a-BHC	ND	H	0.00010	1	10/29/2020 05:04
b-BHC	ND	H	0.00030	1	10/29/2020 05:04
d-BHC	ND	H	0.00020	1	10/29/2020 05:04
g-BHC	ND	H	0.00010	1	10/29/2020 05:04
Chlordane (Technical)	ND	H	0.0025	1	10/29/2020 05:04
a-Chlordane	**0.0010**	PH	0.00010	1	10/29/2020 05:04
g-Chlordane	**0.00083**	H	0.00010	1	10/29/2020 05:04
p,p-DDD	**0.00024**	PH	0.00010	1	10/29/2020 05:04
p,p-DDE	**0.00025**	PH	0.00010	1	10/29/2020 05:04
p,p-DDT	**0.0016**	H	0.00010	1	10/29/2020 05:04
Dieldrin	**0.00021**	PH	0.00010	1	10/29/2020 05:04
Endosulfan I	ND	H	0.00010	1	10/29/2020 05:04
Endosulfan II	ND	H	0.00010	1	10/29/2020 05:04
Endosulfan sulfate	ND	H	0.00010	1	10/29/2020 05:04
Endrin	ND	H	0.00010	1	10/29/2020 05:04
Endrin aldehyde	ND	H	0.00010	1	10/29/2020 05:04
Endrin ketone	ND	H	0.00010	1	10/29/2020 05:04
Heptachlor	ND	H	0.00010	1	10/29/2020 05:04
Heptachlor epoxide	**0.00039**	H	0.00010	1	10/29/2020 05:04
Hexachlorobenzene	ND	H	0.0010	1	10/29/2020 05:04
Hexachlorocyclopentadiene	ND	H	0.0020	1	10/29/2020 05:04
Methoxychlor	ND	H	0.00020	1	10/29/2020 05:04
Toxaphene	ND	H	0.0050	1	10/29/2020 05:04
Aroclor1016	ND	H	0.0050	1	10/29/2020 05:04
Aroclor1221	ND	H	0.0050	1	10/29/2020 05:04
Aroclor1232	ND	H	0.0050	1	10/29/2020 05:04
Aroclor1242	ND	H	0.0050	1	10/29/2020 05:04
Aroclor1248	ND	H	0.0050	1	10/29/2020 05:04
Aroclor1254	ND	H	0.0050	1	10/29/2020 05:04
Aroclor1260	ND	H	0.0050	1	10/29/2020 05:04
PCBs, total	ND	H	0.0050	1	10/29/2020 05:04

Surrogates	REC (%)	Qualifiers	Limits	
Decachlorobiphenyl	89	H	20-145	10/29/2020 05:04

Analyst(s): BRV

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	10/28/2020	**Analytical Method:**	SW8081A/8082
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-1-1.5	2010637-011A	Soil	10/12/2020 10:04	GC23 10282069.d	208243

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Aldrin	ND	H	0.00010	1	10/29/2020 05:20
a-BHC	ND	H	0.00010	1	10/29/2020 05:20
b-BHC	ND	H	0.00030	1	10/29/2020 05:20
d-BHC	ND	H	0.00020	1	10/29/2020 05:20
g-BHC	ND	H	0.00010	1	10/29/2020 05:20
Chlordane (Technical)	ND	H	0.0025	1	10/29/2020 05:20
a-Chlordane	**0.00013**	PH	0.00010	1	10/29/2020 05:20
g-Chlordane	ND	H	0.00010	1	10/29/2020 05:20
p,p-DDD	ND	H	0.00010	1	10/29/2020 05:20
p,p-DDE	**0.00033**	H	0.00010	1	10/29/2020 05:20
p,p-DDT	**0.0014**	H	0.00010	1	10/29/2020 05:20
Dieldrin	ND	H	0.00010	1	10/29/2020 05:20
Endosulfan I	ND	H	0.00010	1	10/29/2020 05:20
Endosulfan II	ND	H	0.00010	1	10/29/2020 05:20
Endosulfan sulfate	ND	H	0.00010	1	10/29/2020 05:20
Endrin	ND	H	0.00010	1	10/29/2020 05:20
Endrin aldehyde	ND	H	0.00010	1	10/29/2020 05:20
Endrin ketone	ND	H	0.00010	1	10/29/2020 05:20
Heptachlor	ND	H	0.00010	1	10/29/2020 05:20
Heptachlor epoxide	ND	H	0.00010	1	10/29/2020 05:20
Hexachlorobenzene	ND	H	0.0010	1	10/29/2020 05:20
Hexachlorocyclopentadiene	ND	H	0.0020	1	10/29/2020 05:20
Methoxychlor	ND	H	0.00020	1	10/29/2020 05:20
Toxaphene	ND	H	0.0050	1	10/29/2020 05:20
Aroclor1016	ND	H	0.0050	1	10/29/2020 05:20
Aroclor1221	ND	H	0.0050	1	10/29/2020 05:20
Aroclor1232	ND	H	0.0050	1	10/29/2020 05:20
Aroclor1242	ND	H	0.0050	1	10/29/2020 05:20
Aroclor1248	ND	H	0.0050	1	10/29/2020 05:20
Aroclor1254	ND	H	0.0050	1	10/29/2020 05:20
Aroclor1260	ND	H	0.0050	1	10/29/2020 05:20
PCBs, total	ND	H	0.0050	1	10/29/2020 05:20

Surrogates	REC (%)	Qualifiers	Limits	
Decachlorobiphenyl	83	H	20-145	10/29/2020 05:20

Analyst(s): BRV

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	10/28/2020	**Analytical Method:**	SW8081A/8082
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-1-1.5	2010637-016A	Soil	10/12/2020 10:42	GC23 10282077.d	208243

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Aldrin	ND	H	0.00010	1	10/29/2020 07:25
a-BHC	ND	H	0.00010	1	10/29/2020 07:25
b-BHC	ND	H	0.00030	1	10/29/2020 07:25
d-BHC	ND	H	0.00020	1	10/29/2020 07:25
g-BHC	ND	H	0.00010	1	10/29/2020 07:25
Chlordane (Technical)	ND	H	0.0025	1	10/29/2020 07:25
a-Chlordane	**0.00029**	PH	0.00010	1	10/29/2020 07:25
g-Chlordane	**0.00018**	H	0.00010	1	10/29/2020 07:25
p,p-DDD	**0.00015**	H	0.00010	1	10/29/2020 07:25
p,p-DDE	**0.00079**	H	0.00010	1	10/29/2020 07:25
p,p-DDT	**0.0016**	H	0.00010	1	10/29/2020 07:25
Dieldrin	ND	H	0.00010	1	10/29/2020 07:25
Endosulfan I	**0.00027**	H	0.00010	1	10/29/2020 07:25
Endosulfan II	**0.00012**	PH	0.00010	1	10/29/2020 07:25
Endosulfan sulfate	ND	H	0.00010	1	10/29/2020 07:25
Endrin	ND	H	0.00010	1	10/29/2020 07:25
Endrin aldehyde	ND	H	0.00010	1	10/29/2020 07:25
Endrin ketone	ND	H	0.00010	1	10/29/2020 07:25
Heptachlor	**0.00012**	H	0.00010	1	10/29/2020 07:25
Heptachlor epoxide	ND	H	0.00010	1	10/29/2020 07:25
Hexachlorobenzene	ND	H	0.0010	1	10/29/2020 07:25
Hexachlorocyclopentadiene	ND	H	0.0020	1	10/29/2020 07:25
Methoxychlor	ND	H	0.00020	1	10/29/2020 07:25
Toxaphene	ND	H	0.0050	1	10/29/2020 07:25
Aroclor1016	ND	H	0.0050	1	10/29/2020 07:25
Aroclor1221	ND	H	0.0050	1	10/29/2020 07:25
Aroclor1232	ND	H	0.0050	1	10/29/2020 07:25
Aroclor1242	ND	H	0.0050	1	10/29/2020 07:25
Aroclor1248	ND	H	0.0050	1	10/29/2020 07:25
Aroclor1254	ND	H	0.0050	1	10/29/2020 07:25
Aroclor1260	ND	H	0.0050	1	10/29/2020 07:25
PCBs, total	ND	H	0.0050	1	10/29/2020 07:25

Surrogates	REC (%)	Qualifiers	Limits	
Decachlorobiphenyl	101	H	20-145	10/29/2020 07:25

Analyst(s): BRV

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	10/28/2020	**Analytical Method:**	SW8081A/8082
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-1-1.5	2010637-021A	Soil	10/12/2020 11:50	GC23 11022008.d	208243

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Aldrin	ND	H	0.00010	1	11/02/2020 12:58
a-BHC	ND	H	0.00010	1	11/02/2020 12:58
b-BHC	ND	H	0.00030	1	11/02/2020 12:58
d-BHC	ND	H	0.00020	1	11/02/2020 12:58
g-BHC	ND	H	0.00010	1	11/02/2020 12:58
Chlordane (Technical)	ND	H	0.0025	1	11/02/2020 12:58
a-Chlordane	**0.00018**	PH	0.00010	1	11/02/2020 12:58
g-Chlordane	**0.00020**	H	0.00010	1	11/02/2020 12:58
p,p-DDD	**0.00017**	PH	0.00010	1	11/02/2020 12:58
p,p-DDE	**0.00022**	H	0.00010	1	11/02/2020 12:58
p,p-DDT	**0.0012**	H	0.00010	1	11/02/2020 12:58
Dieldrin	ND	H	0.00010	1	11/02/2020 12:58
Endosulfan I	ND	H	0.00010	1	11/02/2020 12:58
Endosulfan II	ND	H	0.00010	1	11/02/2020 12:58
Endosulfan sulfate	ND	H	0.00010	1	11/02/2020 12:58
Endrin	ND	H	0.00010	1	11/02/2020 12:58
Endrin aldehyde	ND	H	0.00010	1	11/02/2020 12:58
Endrin ketone	ND	H	0.00010	1	11/02/2020 12:58
Heptachlor	ND	H	0.00010	1	11/02/2020 12:58
Heptachlor epoxide	ND	H	0.00010	1	11/02/2020 12:58
Hexachlorobenzene	ND	H	0.0010	1	11/02/2020 12:58
Hexachlorocyclopentadiene	ND	H	0.0020	1	11/02/2020 12:58
Methoxychlor	ND	H	0.00020	1	11/02/2020 12:58
Toxaphene	ND	H	0.0050	1	11/02/2020 12:58
Aroclor1016	ND	H	0.0050	1	11/02/2020 12:58
Aroclor1221	ND	H	0.0050	1	11/02/2020 12:58
Aroclor1232	ND	H	0.0050	1	11/02/2020 12:58
Aroclor1242	ND	H	0.0050	1	11/02/2020 12:58
Aroclor1248	ND	H	0.0050	1	11/02/2020 12:58
Aroclor1254	ND	H	0.0050	1	11/02/2020 12:58
Aroclor1260	ND	H	0.0050	1	11/02/2020 12:58
PCBs, total	ND	H	0.0050	1	11/02/2020 12:58

Surrogates	REC (%)	Qualifiers	Limits	
Decachlorobiphenyl	73	H	20-145	11/02/2020 12:58

Analyst(s): BRV

Analytical Comments: h7

(Cont.)

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	10/28/2020	**Analytical Method:**	SW8081A/8082
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-1-1.5	2010637-026A	Soil	10/12/2020 12:15	GC23 11022009.d	208243

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Aldrin	ND	H	0.00010	1	11/02/2020 13:14
a-BHC	ND	H	0.00010	1	11/02/2020 13:14
b-BHC	ND	H	0.00030	1	11/02/2020 13:14
d-BHC	ND	H	0.00020	1	11/02/2020 13:14
g-BHC	ND	H	0.00010	1	11/02/2020 13:14
Chlordane (Technical)	ND	H	0.0025	1	11/02/2020 13:14
a-Chlordane	**0.00026**	PH	0.00010	1	11/02/2020 13:14
g-Chlordane	**0.00015**	PH	0.00010	1	11/02/2020 13:14
p,p-DDD	ND	H	0.00010	1	11/02/2020 13:14
p,p-DDE	**0.00011**	H	0.00010	1	11/02/2020 13:14
p,p-DDT	**0.00042**	H	0.00010	1	11/02/2020 13:14
Dieldrin	ND	H	0.00010	1	11/02/2020 13:14
Endosulfan I	ND	H	0.00010	1	11/02/2020 13:14
Endosulfan II	ND	H	0.00010	1	11/02/2020 13:14
Endosulfan sulfate	ND	H	0.00010	1	11/02/2020 13:14
Endrin	ND	H	0.00010	1	11/02/2020 13:14
Endrin aldehyde	ND	H	0.00010	1	11/02/2020 13:14
Endrin ketone	ND	H	0.00010	1	11/02/2020 13:14
Heptachlor	ND	H	0.00010	1	11/02/2020 13:14
Heptachlor epoxide	ND	H	0.00010	1	11/02/2020 13:14
Hexachlorobenzene	ND	H	0.0010	1	11/02/2020 13:14
Hexachlorocyclopentadiene	ND	H	0.0020	1	11/02/2020 13:14
Methoxychlor	ND	H	0.00020	1	11/02/2020 13:14
Toxaphene	ND	H	0.0050	1	11/02/2020 13:14
Aroclor1016	ND	H	0.0050	1	11/02/2020 13:14
Aroclor1221	ND	H	0.0050	1	11/02/2020 13:14
Aroclor1232	ND	H	0.0050	1	11/02/2020 13:14
Aroclor1242	ND	H	0.0050	1	11/02/2020 13:14
Aroclor1248	ND	H	0.0050	1	11/02/2020 13:14
Aroclor1254	ND	H	0.0050	1	11/02/2020 13:14
Aroclor1260	ND	H	0.0050	1	11/02/2020 13:14
PCBs, total	ND	H	0.0050	1	11/02/2020 13:14

Surrogates	REC (%)	Qualifiers	Limits	
Decachlorobiphenyl	81	H	20-145	11/02/2020 13:14

Analyst(s): BRV

Analytical Comments: h7

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-1-1.5	2010637-001A	Soil	10/12/2020 08:15	GC28 11022008.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND	H	0.20	1	11/02/2020 11:39
tert-Amyl methyl ether (TAME)	ND	H	0.0050	1	11/02/2020 11:39
Benzene	ND	H	0.0050	1	11/02/2020 11:39
Bromobenzene	ND	H	0.0050	1	11/02/2020 11:39
Bromochloromethane	ND	H	0.0050	1	11/02/2020 11:39
Bromodichloromethane	ND	H	0.0050	1	11/02/2020 11:39
Bromoform	ND	H	0.0050	1	11/02/2020 11:39
Bromomethane	ND	H	0.0050	1	11/02/2020 11:39
2-Butanone (MEK)	ND	H	0.050	1	11/02/2020 11:39
t-Butyl alcohol (TBA)	ND	H	0.050	1	11/02/2020 11:39
n-Butyl benzene	ND	H	0.0050	1	11/02/2020 11:39
sec-Butyl benzene	ND	H	0.0050	1	11/02/2020 11:39
tert-Butyl benzene	ND	H	0.0050	1	11/02/2020 11:39
Carbon Disulfide	ND	H	0.0050	1	11/02/2020 11:39
Carbon Tetrachloride	ND	H	0.0050	1	11/02/2020 11:39
Chlorobenzene	ND	H	0.0050	1	11/02/2020 11:39
Chloroethane	ND	H	0.0050	1	11/02/2020 11:39
Chloroform	ND	H	0.0050	1	11/02/2020 11:39
Chloromethane	ND	H	0.0050	1	11/02/2020 11:39
2-Chlorotoluene	ND	H	0.0050	1	11/02/2020 11:39
4-Chlorotoluene	ND	H	0.0050	1	11/02/2020 11:39
Dibromochloromethane	ND	H	0.0050	1	11/02/2020 11:39
1,2-Dibromo-3-chloropropane	ND	H	0.00050	1	11/02/2020 11:39
1,2-Dibromoethane (EDB)	ND	H	0.00025	1	11/02/2020 11:39
Dibromomethane	ND	H	0.0050	1	11/02/2020 11:39
1,2-Dichlorobenzene	ND	H	0.0050	1	11/02/2020 11:39
1,3-Dichlorobenzene	ND	H	0.0050	1	11/02/2020 11:39
1,4-Dichlorobenzene	ND	H	0.0050	1	11/02/2020 11:39
Dichlorodifluoromethane	ND	H	0.0050	1	11/02/2020 11:39
1,1-Dichloroethane	ND	H	0.0050	1	11/02/2020 11:39
1,2-Dichloroethane (1,2-DCA)	ND	H	0.00010	1	11/02/2020 11:39
1,1-Dichloroethene	ND	H	0.0050	1	11/02/2020 11:39
cis-1,2-Dichloroethene	ND	H	0.0050	1	11/02/2020 11:39
trans-1,2-Dichloroethene	ND	H	0.0050	1	11/02/2020 11:39
1,2-Dichloropropane	ND	H	0.0050	1	11/02/2020 11:39
1,3-Dichloropropane	ND	H	0.0050	1	11/02/2020 11:39
2,2-Dichloropropane	ND	H	0.0050	1	11/02/2020 11:39

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-1-1.5	2010637-001A	Soil	10/12/2020 08:15	GC28 11022008.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	H	0.0050	1	11/02/2020 11:39
cis-1,3-Dichloropropene	ND	H	0.0050	1	11/02/2020 11:39
trans-1,3-Dichloropropene	ND	H	0.0050	1	11/02/2020 11:39
Diisopropyl ether (DIPE)	ND	H	0.0050	1	11/02/2020 11:39
Ethylbenzene	ND	H	0.0050	1	11/02/2020 11:39
Ethyl tert-butyl ether (ETBE)	ND	H	0.0050	1	11/02/2020 11:39
Freon 113	ND	H	0.0050	1	11/02/2020 11:39
Hexachlorobutadiene	ND	H	0.0050	1	11/02/2020 11:39
Hexachloroethane	ND	H	0.0050	1	11/02/2020 11:39
2-Hexanone	ND	H	0.0050	1	11/02/2020 11:39
Isopropylbenzene	ND	H	0.0050	1	11/02/2020 11:39
4-Isopropyl toluene	ND	H	0.0050	1	11/02/2020 11:39
Methyl-t-butyl ether (MTBE)	ND	H	0.0050	1	11/02/2020 11:39
Methylene chloride	ND	H	0.020	1	11/02/2020 11:39
4-Methyl-2-pentanone (MIBK)	ND	H	0.0050	1	11/02/2020 11:39
Naphthalene	ND	H	0.0050	1	11/02/2020 11:39
n-Propyl benzene	ND	H	0.0050	1	11/02/2020 11:39
Styrene	ND	H	0.0050	1	11/02/2020 11:39
1,1,1,2-Tetrachloroethane	ND	H	0.0050	1	11/02/2020 11:39
1,1,2,2-Tetrachloroethane	ND	H	0.0050	1	11/02/2020 11:39
Tetrachloroethene	ND	H	0.0050	1	11/02/2020 11:39
Toluene	ND	H	0.0050	1	11/02/2020 11:39
1,2,3-Trichlorobenzene	ND	H	0.0050	1	11/02/2020 11:39
1,2,4-Trichlorobenzene	ND	H	0.0050	1	11/02/2020 11:39
1,1,1-Trichloroethane	ND	H	0.0050	1	11/02/2020 11:39
1,1,2-Trichloroethane	ND	H	0.0050	1	11/02/2020 11:39
Trichloroethene	ND	H	0.0050	1	11/02/2020 11:39
Trichlorofluoromethane	ND	H	0.0050	1	11/02/2020 11:39
1,2,3-Trichloropropane	ND	H	0.00025	1	11/02/2020 11:39
1,2,4-Trimethylbenzene	ND	H	0.0050	1	11/02/2020 11:39
1,3,5-Trimethylbenzene	ND	H	0.0050	1	11/02/2020 11:39
Vinyl Chloride	ND	H	0.00025	1	11/02/2020 11:39
m,p-Xylene	ND	H	0.0050	1	11/02/2020 11:39
o-Xylene	ND	H	0.0050	1	11/02/2020 11:39
Xylenes, Total	ND	H	0.0050	1	11/02/2020 11:39

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-1-1.5	2010637-001A	Soil	10/12/2020 08:15	GC28 11022008.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
Dibromofluoromethane	112	H	82-136		11/02/2020 11:39
Toluene-d8	123	H	92-139		11/02/2020 11:39
4-BFB	135	H	82-135		11/02/2020 11:39
Benzene-d6	106	H	55-122		11/02/2020 11:39
Ethylbenzene-d10	110	H	58-141		11/02/2020 11:39
1,2-DCB-d4	90	H	51-107		11/02/2020 11:39

Analyst(s): TW

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-2.5-3	2010637-002A	Soil	10/12/2020 08:18	GC28 11022009.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND	H	0.20	1	11/02/2020 12:22
tert-Amyl methyl ether (TAME)	ND	H	0.0050	1	11/02/2020 12:22
Benzene	ND	H	0.0050	1	11/02/2020 12:22
Bromobenzene	ND	H	0.0050	1	11/02/2020 12:22
Bromochloromethane	ND	H	0.0050	1	11/02/2020 12:22
Bromodichloromethane	ND	H	0.0050	1	11/02/2020 12:22
Bromoform	ND	H	0.0050	1	11/02/2020 12:22
Bromomethane	ND	H	0.0050	1	11/02/2020 12:22
2-Butanone (MEK)	ND	H	0.050	1	11/02/2020 12:22
t-Butyl alcohol (TBA)	ND	H	0.050	1	11/02/2020 12:22
n-Butyl benzene	ND	H	0.0050	1	11/02/2020 12:22
sec-Butyl benzene	ND	H	0.0050	1	11/02/2020 12:22
tert-Butyl benzene	ND	H	0.0050	1	11/02/2020 12:22
Carbon Disulfide	ND	H	0.0050	1	11/02/2020 12:22
Carbon Tetrachloride	ND	H	0.0050	1	11/02/2020 12:22
Chlorobenzene	ND	H	0.0050	1	11/02/2020 12:22
Chloroethane	ND	H	0.0050	1	11/02/2020 12:22
Chloroform	ND	H	0.0050	1	11/02/2020 12:22
Chloromethane	ND	H	0.0050	1	11/02/2020 12:22
2-Chlorotoluene	ND	H	0.0050	1	11/02/2020 12:22
4-Chlorotoluene	ND	H	0.0050	1	11/02/2020 12:22
Dibromochloromethane	ND	H	0.0050	1	11/02/2020 12:22
1,2-Dibromo-3-chloropropane	ND	H	0.00050	1	11/02/2020 12:22
1,2-Dibromoethane (EDB)	ND	H	0.00025	1	11/02/2020 12:22
Dibromomethane	ND	H	0.0050	1	11/02/2020 12:22
1,2-Dichlorobenzene	ND	H	0.0050	1	11/02/2020 12:22
1,3-Dichlorobenzene	ND	H	0.0050	1	11/02/2020 12:22
1,4-Dichlorobenzene	ND	H	0.0050	1	11/02/2020 12:22
Dichlorodifluoromethane	ND	H	0.0050	1	11/02/2020 12:22
1,1-Dichloroethane	ND	H	0.0050	1	11/02/2020 12:22
1,2-Dichloroethane (1,2-DCA)	ND	H	0.00010	1	11/02/2020 12:22
1,1-Dichloroethene	ND	H	0.0050	1	11/02/2020 12:22
cis-1,2-Dichloroethene	ND	H	0.0050	1	11/02/2020 12:22
trans-1,2-Dichloroethene	ND	H	0.0050	1	11/02/2020 12:22
1,2-Dichloropropane	ND	H	0.0050	1	11/02/2020 12:22
1,3-Dichloropropane	ND	H	0.0050	1	11/02/2020 12:22
2,2-Dichloropropane	ND	H	0.0050	1	11/02/2020 12:22

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-2.5-3	2010637-002A	Soil	10/12/2020 08:18	GC28 11022009.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	H	0.0050	1	11/02/2020 12:22
cis-1,3-Dichloropropene	ND	H	0.0050	1	11/02/2020 12:22
trans-1,3-Dichloropropene	ND	H	0.0050	1	11/02/2020 12:22
Diisopropyl ether (DIPE)	ND	H	0.0050	1	11/02/2020 12:22
Ethylbenzene	ND	H	0.0050	1	11/02/2020 12:22
Ethyl tert-butyl ether (ETBE)	ND	H	0.0050	1	11/02/2020 12:22
Freon 113	ND	H	0.0050	1	11/02/2020 12:22
Hexachlorobutadiene	ND	H	0.0050	1	11/02/2020 12:22
Hexachloroethane	ND	H	0.0050	1	11/02/2020 12:22
2-Hexanone	ND	H	0.0050	1	11/02/2020 12:22
Isopropylbenzene	ND	H	0.0050	1	11/02/2020 12:22
4-Isopropyl toluene	ND	H	0.0050	1	11/02/2020 12:22
Methyl-t-butyl ether (MTBE)	ND	H	0.0050	1	11/02/2020 12:22
Methylene chloride	ND	H	0.020	1	11/02/2020 12:22
4-Methyl-2-pentanone (MIBK)	ND	H	0.0050	1	11/02/2020 12:22
Naphthalene	ND	H	0.0050	1	11/02/2020 12:22
n-Propyl benzene	ND	H	0.0050	1	11/02/2020 12:22
Styrene	ND	H	0.0050	1	11/02/2020 12:22
1,1,1,2-Tetrachloroethane	ND	H	0.0050	1	11/02/2020 12:22
1,1,2,2-Tetrachloroethane	ND	H	0.0050	1	11/02/2020 12:22
Tetrachloroethene	ND	H	0.0050	1	11/02/2020 12:22
Toluene	ND	H	0.0050	1	11/02/2020 12:22
1,2,3-Trichlorobenzene	ND	H	0.0050	1	11/02/2020 12:22
1,2,4-Trichlorobenzene	ND	H	0.0050	1	11/02/2020 12:22
1,1,1-Trichloroethane	ND	H	0.0050	1	11/02/2020 12:22
1,1,2-Trichloroethane	ND	H	0.0050	1	11/02/2020 12:22
Trichloroethene	ND	H	0.0050	1	11/02/2020 12:22
Trichlorofluoromethane	ND	H	0.0050	1	11/02/2020 12:22
1,2,3-Trichloropropane	ND	H	0.00025	1	11/02/2020 12:22
1,2,4-Trimethylbenzene	ND	H	0.0050	1	11/02/2020 12:22
1,3,5-Trimethylbenzene	ND	H	0.0050	1	11/02/2020 12:22
Vinyl Chloride	ND	H	0.00025	1	11/02/2020 12:22
m,p-Xylene	ND	H	0.0050	1	11/02/2020 12:22
o-Xylene	ND	H	0.0050	1	11/02/2020 12:22
Xylenes, Total	ND	H	0.0050	1	11/02/2020 12:22

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-2.5-3	2010637-002A	Soil	10/12/2020 08:18	GC28 11022009.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
Dibromofluoromethane	113	H	82-136		11/02/2020 12:22
Toluene-d8	122	H	92-139		11/02/2020 12:22
4-BFB	133	H	82-135		11/02/2020 12:22
Benzene-d6	98	H	55-122		11/02/2020 12:22
Ethylbenzene-d10	101	H	58-141		11/02/2020 12:22
1,2-DCB-d4	83	H	51-107		11/02/2020 12:22

Analyst(s): TW

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-14.5-15	2010637-005A	Soil	10/12/2020 08:26	GC28 11012007.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND	H	0.20	1	11/01/2020 15:19
tert-Amyl methyl ether (TAME)	ND	H	0.0050	1	11/01/2020 15:19
Benzene	ND	H	0.0050	1	11/01/2020 15:19
Bromobenzene	ND	H	0.0050	1	11/01/2020 15:19
Bromochloromethane	ND	H	0.0050	1	11/01/2020 15:19
Bromodichloromethane	ND	H	0.0050	1	11/01/2020 15:19
Bromoform	ND	H	0.0050	1	11/01/2020 15:19
Bromomethane	ND	H	0.0050	1	11/01/2020 15:19
2-Butanone (MEK)	ND	H	0.050	1	11/01/2020 15:19
t-Butyl alcohol (TBA)	ND	H	0.050	1	11/01/2020 15:19
n-Butyl benzene	ND	H	0.0050	1	11/01/2020 15:19
sec-Butyl benzene	ND	H	0.0050	1	11/01/2020 15:19
tert-Butyl benzene	ND	H	0.0050	1	11/01/2020 15:19
Carbon Disulfide	**0.0060**	H	0.0050	1	11/01/2020 15:19
Carbon Tetrachloride	ND	H	0.0050	1	11/01/2020 15:19
Chlorobenzene	ND	H	0.0050	1	11/01/2020 15:19
Chloroethane	ND	H	0.0050	1	11/01/2020 15:19
Chloroform	ND	H	0.0050	1	11/01/2020 15:19
Chloromethane	ND	H	0.0050	1	11/01/2020 15:19
2-Chlorotoluene	ND	H	0.0050	1	11/01/2020 15:19
4-Chlorotoluene	ND	H	0.0050	1	11/01/2020 15:19
Dibromochloromethane	ND	H	0.0050	1	11/01/2020 15:19
1,2-Dibromo-3-chloropropane	ND	H	0.00050	1	11/01/2020 15:19
1,2-Dibromoethane (EDB)	ND	H	0.00025	1	11/01/2020 15:19
Dibromomethane	ND	H	0.0050	1	11/01/2020 15:19
1,2-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 15:19
1,3-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 15:19
1,4-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 15:19
Dichlorodifluoromethane	ND	H	0.0050	1	11/01/2020 15:19
1,1-Dichloroethane	ND	H	0.0050	1	11/01/2020 15:19
1,2-Dichloroethane (1,2-DCA)	ND	H	0.00010	1	11/01/2020 15:19
1,1-Dichloroethene	ND	H	0.0050	1	11/01/2020 15:19
cis-1,2-Dichloroethene	ND	H	0.0050	1	11/01/2020 15:19
trans-1,2-Dichloroethene	ND	H	0.0050	1	11/01/2020 15:19
1,2-Dichloropropane	ND	H	0.0050	1	11/01/2020 15:19
1,3-Dichloropropane	ND	H	0.0050	1	11/01/2020 15:19
2,2-Dichloropropane	ND	H	0.0050	1	11/01/2020 15:19

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-14.5-15	2010637-005A	Soil	10/12/2020 08:26	GC28 11012007.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	H	0.0050	1	11/01/2020 15:19
cis-1,3-Dichloropropene	ND	H	0.0050	1	11/01/2020 15:19
trans-1,3-Dichloropropene	ND	H	0.0050	1	11/01/2020 15:19
Diisopropyl ether (DIPE)	ND	H	0.0050	1	11/01/2020 15:19
Ethylbenzene	ND	H	0.0050	1	11/01/2020 15:19
Ethyl tert-butyl ether (ETBE)	ND	H	0.0050	1	11/01/2020 15:19
Freon 113	ND	H	0.0050	1	11/01/2020 15:19
Hexachlorobutadiene	ND	H	0.0050	1	11/01/2020 15:19
Hexachloroethane	ND	H	0.0050	1	11/01/2020 15:19
2-Hexanone	ND	H	0.0050	1	11/01/2020 15:19
Isopropylbenzene	ND	H	0.0050	1	11/01/2020 15:19
4-Isopropyl toluene	ND	H	0.0050	1	11/01/2020 15:19
Methyl-t-butyl ether (MTBE)	ND	H	0.0050	1	11/01/2020 15:19
Methylene chloride	ND	H	0.020	1	11/01/2020 15:19
4-Methyl-2-pentanone (MIBK)	ND	H	0.0050	1	11/01/2020 15:19
Naphthalene	ND	H	0.0050	1	11/01/2020 15:19
n-Propyl benzene	ND	H	0.0050	1	11/01/2020 15:19
Styrene	ND	H	0.0050	1	11/01/2020 15:19
1,1,1,2-Tetrachloroethane	ND	H	0.0050	1	11/01/2020 15:19
1,1,2,2-Tetrachloroethane	ND	H	0.0050	1	11/01/2020 15:19
Tetrachloroethene	ND	H	0.0050	1	11/01/2020 15:19
Toluene	ND	H	0.0050	1	11/01/2020 15:19
1,2,3-Trichlorobenzene	ND	H	0.0050	1	11/01/2020 15:19
1,2,4-Trichlorobenzene	ND	H	0.0050	1	11/01/2020 15:19
1,1,1-Trichloroethane	ND	H	0.0050	1	11/01/2020 15:19
1,1,2-Trichloroethane	ND	H	0.0050	1	11/01/2020 15:19
Trichloroethene	ND	H	0.0050	1	11/01/2020 15:19
Trichlorofluoromethane	ND	H	0.0050	1	11/01/2020 15:19
1,2,3-Trichloropropane	ND	H	0.00025	1	11/01/2020 15:19
1,2,4-Trimethylbenzene	ND	H	0.0050	1	11/01/2020 15:19
1,3,5-Trimethylbenzene	ND	H	0.0050	1	11/01/2020 15:19
Vinyl Chloride	ND	H	0.00025	1	11/01/2020 15:19
m,p-Xylene	ND	H	0.0050	1	11/01/2020 15:19
o-Xylene	ND	H	0.0050	1	11/01/2020 15:19
Xylenes, Total	ND	H	0.0050	1	11/01/2020 15:19

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-14.5-15	**2010637-005A**	**Soil**	**10/12/2020 08:26**	**GC28 11012007.D**	**208139**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
Dibromofluoromethane	102	H	82-136		11/01/2020 15:19
Toluene-d8	121	H	92-139		11/01/2020 15:19
4-BFB	127	H	82-135		11/01/2020 15:19
Benzene-d6	80	H	55-122		11/01/2020 15:19
Ethylbenzene-d10	91	H	58-141		11/01/2020 15:19
1,2-DCB-d4	77	H	51-107		11/01/2020 15:19

Analyst(s): KF

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-1-1.5	2010637-006A	Soil	10/12/2020 09:16	GC28 11012008.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND	H	0.20	1	11/01/2020 16:02
tert-Amyl methyl ether (TAME)	ND	H	0.0050	1	11/01/2020 16:02
Benzene	ND	H	0.0050	1	11/01/2020 16:02
Bromobenzene	ND	H	0.0050	1	11/01/2020 16:02
Bromochloromethane	ND	H	0.0050	1	11/01/2020 16:02
Bromodichloromethane	ND	H	0.0050	1	11/01/2020 16:02
Bromoform	ND	H	0.0050	1	11/01/2020 16:02
Bromomethane	ND	H	0.0050	1	11/01/2020 16:02
2-Butanone (MEK)	ND	H	0.050	1	11/01/2020 16:02
t-Butyl alcohol (TBA)	ND	H	0.050	1	11/01/2020 16:02
n-Butyl benzene	ND	H	0.0050	1	11/01/2020 16:02
sec-Butyl benzene	ND	H	0.0050	1	11/01/2020 16:02
tert-Butyl benzene	ND	H	0.0050	1	11/01/2020 16:02
Carbon Disulfide	ND	H	0.0050	1	11/01/2020 16:02
Carbon Tetrachloride	ND	H	0.0050	1	11/01/2020 16:02
Chlorobenzene	ND	H	0.0050	1	11/01/2020 16:02
Chloroethane	ND	H	0.0050	1	11/01/2020 16:02
Chloroform	ND	H	0.0050	1	11/01/2020 16:02
Chloromethane	ND	H	0.0050	1	11/01/2020 16:02
2-Chlorotoluene	ND	H	0.0050	1	11/01/2020 16:02
4-Chlorotoluene	ND	H	0.0050	1	11/01/2020 16:02
Dibromochloromethane	ND	H	0.0050	1	11/01/2020 16:02
1,2-Dibromo-3-chloropropane	ND	H	0.00050	1	11/01/2020 16:02
1,2-Dibromoethane (EDB)	ND	H	0.00025	1	11/01/2020 16:02
Dibromomethane	ND	H	0.0050	1	11/01/2020 16:02
1,2-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 16:02
1,3-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 16:02
1,4-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 16:02
Dichlorodifluoromethane	ND	H	0.0050	1	11/01/2020 16:02
1,1-Dichloroethane	ND	H	0.0050	1	11/01/2020 16:02
1,2-Dichloroethane (1,2-DCA)	ND	H	0.00010	1	11/01/2020 16:02
1,1-Dichloroethene	ND	H	0.0050	1	11/01/2020 16:02
cis-1,2-Dichloroethene	ND	H	0.0050	1	11/01/2020 16:02
trans-1,2-Dichloroethene	ND	H	0.0050	1	11/01/2020 16:02
1,2-Dichloropropane	ND	H	0.0050	1	11/01/2020 16:02
1,3-Dichloropropane	ND	H	0.0050	1	11/01/2020 16:02
2,2-Dichloropropane	ND	H	0.0050	1	11/01/2020 16:02

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-1-1.5	2010637-006A	Soil	10/12/2020 09:16	GC28 11012008.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	H	0.0050	1	11/01/2020 16:02
cis-1,3-Dichloropropene	ND	H	0.0050	1	11/01/2020 16:02
trans-1,3-Dichloropropene	ND	H	0.0050	1	11/01/2020 16:02
Diisopropyl ether (DIPE)	ND	H	0.0050	1	11/01/2020 16:02
Ethylbenzene	ND	H	0.0050	1	11/01/2020 16:02
Ethyl tert-butyl ether (ETBE)	ND	H	0.0050	1	11/01/2020 16:02
Freon 113	ND	H	0.0050	1	11/01/2020 16:02
Hexachlorobutadiene	ND	H	0.0050	1	11/01/2020 16:02
Hexachloroethane	ND	H	0.0050	1	11/01/2020 16:02
2-Hexanone	ND	H	0.0050	1	11/01/2020 16:02
Isopropylbenzene	ND	H	0.0050	1	11/01/2020 16:02
4-Isopropyl toluene	ND	H	0.0050	1	11/01/2020 16:02
Methyl-t-butyl ether (MTBE)	ND	H	0.0050	1	11/01/2020 16:02
Methylene chloride	ND	H	0.020	1	11/01/2020 16:02
4-Methyl-2-pentanone (MIBK)	ND	H	0.0050	1	11/01/2020 16:02
Naphthalene	ND	H	0.0050	1	11/01/2020 16:02
n-Propyl benzene	ND	H	0.0050	1	11/01/2020 16:02
Styrene	ND	H	0.0050	1	11/01/2020 16:02
1,1,1,2-Tetrachloroethane	ND	H	0.0050	1	11/01/2020 16:02
1,1,2,2-Tetrachloroethane	ND	H	0.0050	1	11/01/2020 16:02
Tetrachloroethene	ND	H	0.0050	1	11/01/2020 16:02
Toluene	ND	H	0.0050	1	11/01/2020 16:02
1,2,3-Trichlorobenzene	ND	H	0.0050	1	11/01/2020 16:02
1,2,4-Trichlorobenzene	ND	H	0.0050	1	11/01/2020 16:02
1,1,1-Trichloroethane	ND	H	0.0050	1	11/01/2020 16:02
1,1,2-Trichloroethane	ND	H	0.0050	1	11/01/2020 16:02
Trichloroethene	ND	H	0.0050	1	11/01/2020 16:02
Trichlorofluoromethane	ND	H	0.0050	1	11/01/2020 16:02
1,2,3-Trichloropropane	ND	H	0.00025	1	11/01/2020 16:02
1,2,4-Trimethylbenzene	ND	H	0.0050	1	11/01/2020 16:02
1,3,5-Trimethylbenzene	ND	H	0.0050	1	11/01/2020 16:02
Vinyl Chloride	ND	H	0.00025	1	11/01/2020 16:02
m,p-Xylene	ND	H	0.0050	1	11/01/2020 16:02
o-Xylene	ND	H	0.0050	1	11/01/2020 16:02
Xylenes, Total	ND	H	0.0050	1	11/01/2020 16:02

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-1-1.5	2010637-006A	Soil	10/12/2020 09:16	GC28 11012008.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
Dibromofluoromethane	114	H	82-136		11/01/2020 16:02
Toluene-d8	120	H	92-139		11/01/2020 16:02
4-BFB	131	H	82-135		11/01/2020 16:02
Benzene-d6	103	H	55-122		11/01/2020 16:02
Ethylbenzene-d10	108	H	58-141		11/01/2020 16:02
1,2-DCB-d4	88	H	51-107		11/01/2020 16:02

Analyst(s): KF

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-2.5-3	2010637-007A	Soil	10/12/2020 09:17	GC28 11012009.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND	H	0.20	1	11/01/2020 16:45
tert-Amyl methyl ether (TAME)	ND	H	0.0050	1	11/01/2020 16:45
Benzene	ND	H	0.0050	1	11/01/2020 16:45
Bromobenzene	ND	H	0.0050	1	11/01/2020 16:45
Bromochloromethane	ND	H	0.0050	1	11/01/2020 16:45
Bromodichloromethane	ND	H	0.0050	1	11/01/2020 16:45
Bromoform	ND	H	0.0050	1	11/01/2020 16:45
Bromomethane	ND	H	0.0050	1	11/01/2020 16:45
2-Butanone (MEK)	ND	H	0.050	1	11/01/2020 16:45
t-Butyl alcohol (TBA)	ND	H	0.050	1	11/01/2020 16:45
n-Butyl benzene	ND	H	0.0050	1	11/01/2020 16:45
sec-Butyl benzene	ND	H	0.0050	1	11/01/2020 16:45
tert-Butyl benzene	ND	H	0.0050	1	11/01/2020 16:45
Carbon Disulfide	ND	H	0.0050	1	11/01/2020 16:45
Carbon Tetrachloride	ND	H	0.0050	1	11/01/2020 16:45
Chlorobenzene	ND	H	0.0050	1	11/01/2020 16:45
Chloroethane	ND	H	0.0050	1	11/01/2020 16:45
Chloroform	ND	H	0.0050	1	11/01/2020 16:45
Chloromethane	ND	H	0.0050	1	11/01/2020 16:45
2-Chlorotoluene	ND	H	0.0050	1	11/01/2020 16:45
4-Chlorotoluene	ND	H	0.0050	1	11/01/2020 16:45
Dibromochloromethane	ND	H	0.0050	1	11/01/2020 16:45
1,2-Dibromo-3-chloropropane	ND	H	0.00050	1	11/01/2020 16:45
1,2-Dibromoethane (EDB)	ND	H	0.00025	1	11/01/2020 16:45
Dibromomethane	ND	H	0.0050	1	11/01/2020 16:45
1,2-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 16:45
1,3-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 16:45
1,4-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 16:45
Dichlorodifluoromethane	ND	H	0.0050	1	11/01/2020 16:45
1,1-Dichloroethane	ND	H	0.0050	1	11/01/2020 16:45
1,2-Dichloroethane (1,2-DCA)	ND	H	0.00010	1	11/01/2020 16:45
1,1-Dichloroethene	ND	H	0.0050	1	11/01/2020 16:45
cis-1,2-Dichloroethene	ND	H	0.0050	1	11/01/2020 16:45
trans-1,2-Dichloroethene	ND	H	0.0050	1	11/01/2020 16:45
1,2-Dichloropropane	ND	H	0.0050	1	11/01/2020 16:45
1,3-Dichloropropane	ND	H	0.0050	1	11/01/2020 16:45
2,2-Dichloropropane	ND	H	0.0050	1	11/01/2020 16:45

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-2.5-3	2010637-007A	Soil	10/12/2020 09:17	GC28 11012009.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	H	0.0050	1	11/01/2020 16:45
cis-1,3-Dichloropropene	ND	H	0.0050	1	11/01/2020 16:45
trans-1,3-Dichloropropene	ND	H	0.0050	1	11/01/2020 16:45
Diisopropyl ether (DIPE)	ND	H	0.0050	1	11/01/2020 16:45
Ethylbenzene	ND	H	0.0050	1	11/01/2020 16:45
Ethyl tert-butyl ether (ETBE)	ND	H	0.0050	1	11/01/2020 16:45
Freon 113	ND	H	0.0050	1	11/01/2020 16:45
Hexachlorobutadiene	ND	H	0.0050	1	11/01/2020 16:45
Hexachloroethane	ND	H	0.0050	1	11/01/2020 16:45
2-Hexanone	ND	H	0.0050	1	11/01/2020 16:45
Isopropylbenzene	ND	H	0.0050	1	11/01/2020 16:45
4-Isopropyl toluene	ND	H	0.0050	1	11/01/2020 16:45
Methyl-t-butyl ether (MTBE)	ND	H	0.0050	1	11/01/2020 16:45
Methylene chloride	ND	H	0.020	1	11/01/2020 16:45
4-Methyl-2-pentanone (MIBK)	ND	H	0.0050	1	11/01/2020 16:45
Naphthalene	ND	H	0.0050	1	11/01/2020 16:45
n-Propyl benzene	ND	H	0.0050	1	11/01/2020 16:45
Styrene	ND	H	0.0050	1	11/01/2020 16:45
1,1,1,2-Tetrachloroethane	ND	H	0.0050	1	11/01/2020 16:45
1,1,2,2-Tetrachloroethane	ND	H	0.0050	1	11/01/2020 16:45
Tetrachloroethene	ND	H	0.0050	1	11/01/2020 16:45
Toluene	ND	H	0.0050	1	11/01/2020 16:45
1,2,3-Trichlorobenzene	ND	H	0.0050	1	11/01/2020 16:45
1,2,4-Trichlorobenzene	ND	H	0.0050	1	11/01/2020 16:45
1,1,1-Trichloroethane	ND	H	0.0050	1	11/01/2020 16:45
1,1,2-Trichloroethane	ND	H	0.0050	1	11/01/2020 16:45
Trichloroethene	ND	H	0.0050	1	11/01/2020 16:45
Trichlorofluoromethane	ND	H	0.0050	1	11/01/2020 16:45
1,2,3-Trichloropropane	ND	H	0.00025	1	11/01/2020 16:45
1,2,4-Trimethylbenzene	ND	H	0.0050	1	11/01/2020 16:45
1,3,5-Trimethylbenzene	ND	H	0.0050	1	11/01/2020 16:45
Vinyl Chloride	ND	H	0.00025	1	11/01/2020 16:45
m,p-Xylene	ND	H	0.0050	1	11/01/2020 16:45
o-Xylene	ND	H	0.0050	1	11/01/2020 16:45
Xylenes, Total	ND	H	0.0050	1	11/01/2020 16:45

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-2.5-3	2010637-007A	Soil	10/12/2020 09:17	GC28 11012009.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
Dibromofluoromethane	113	H	82-136		11/01/2020 16:45
Toluene-d8	121	H	92-139		11/01/2020 16:45
4-BFB	134	H	82-135		11/01/2020 16:45
Benzene-d6	100	H	55-122		11/01/2020 16:45
Ethylbenzene-d10	107	H	58-141		11/01/2020 16:45
1,2-DCB-d4	88	H	51-107		11/01/2020 16:45

Analyst(s): KF

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-9.5-10	2010637-009A	Soil	10/12/2020 09:22	GC28 11012010.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND	H	0.20	1	11/01/2020 17:28
tert-Amyl methyl ether (TAME)	ND	H	0.0050	1	11/01/2020 17:28
Benzene	ND	H	0.0050	1	11/01/2020 17:28
Bromobenzene	ND	H	0.0050	1	11/01/2020 17:28
Bromochloromethane	ND	H	0.0050	1	11/01/2020 17:28
Bromodichloromethane	ND	H	0.0050	1	11/01/2020 17:28
Bromoform	ND	H	0.0050	1	11/01/2020 17:28
Bromomethane	ND	H	0.0050	1	11/01/2020 17:28
2-Butanone (MEK)	ND	H	0.050	1	11/01/2020 17:28
t-Butyl alcohol (TBA)	ND	H	0.050	1	11/01/2020 17:28
n-Butyl benzene	ND	H	0.0050	1	11/01/2020 17:28
sec-Butyl benzene	ND	H	0.0050	1	11/01/2020 17:28
tert-Butyl benzene	ND	H	0.0050	1	11/01/2020 17:28
Carbon Disulfide	ND	H	0.0050	1	11/01/2020 17:28
Carbon Tetrachloride	ND	H	0.0050	1	11/01/2020 17:28
Chlorobenzene	ND	H	0.0050	1	11/01/2020 17:28
Chloroethane	ND	H	0.0050	1	11/01/2020 17:28
Chloroform	ND	H	0.0050	1	11/01/2020 17:28
Chloromethane	ND	H	0.0050	1	11/01/2020 17:28
2-Chlorotoluene	ND	H	0.0050	1	11/01/2020 17:28
4-Chlorotoluene	ND	H	0.0050	1	11/01/2020 17:28
Dibromochloromethane	ND	H	0.0050	1	11/01/2020 17:28
1,2-Dibromo-3-chloropropane	ND	H	0.00050	1	11/01/2020 17:28
1,2-Dibromoethane (EDB)	ND	H	0.00025	1	11/01/2020 17:28
Dibromomethane	ND	H	0.0050	1	11/01/2020 17:28
1,2-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 17:28
1,3-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 17:28
1,4-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 17:28
Dichlorodifluoromethane	ND	H	0.0050	1	11/01/2020 17:28
1,1-Dichloroethane	ND	H	0.0050	1	11/01/2020 17:28
1,2-Dichloroethane (1,2-DCA)	ND	H	0.00010	1	11/01/2020 17:28
1,1-Dichloroethene	ND	H	0.0050	1	11/01/2020 17:28
cis-1,2-Dichloroethene	ND	H	0.0050	1	11/01/2020 17:28
trans-1,2-Dichloroethene	ND	H	0.0050	1	11/01/2020 17:28
1,2-Dichloropropane	ND	H	0.0050	1	11/01/2020 17:28
1,3-Dichloropropane	ND	H	0.0050	1	11/01/2020 17:28
2,2-Dichloropropane	ND	H	0.0050	1	11/01/2020 17:28

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-9.5-10	2010637-009A	Soil	10/12/2020 09:22	GC28 11012010.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	H	0.0050	1	11/01/2020 17:28
cis-1,3-Dichloropropene	ND	H	0.0050	1	11/01/2020 17:28
trans-1,3-Dichloropropene	ND	H	0.0050	1	11/01/2020 17:28
Diisopropyl ether (DIPE)	ND	H	0.0050	1	11/01/2020 17:28
Ethylbenzene	ND	H	0.0050	1	11/01/2020 17:28
Ethyl tert-butyl ether (ETBE)	ND	H	0.0050	1	11/01/2020 17:28
Freon 113	ND	H	0.0050	1	11/01/2020 17:28
Hexachlorobutadiene	ND	H	0.0050	1	11/01/2020 17:28
Hexachloroethane	ND	H	0.0050	1	11/01/2020 17:28
2-Hexanone	ND	H	0.0050	1	11/01/2020 17:28
Isopropylbenzene	ND	H	0.0050	1	11/01/2020 17:28
4-Isopropyl toluene	ND	H	0.0050	1	11/01/2020 17:28
Methyl-t-butyl ether (MTBE)	ND	H	0.0050	1	11/01/2020 17:28
Methylene chloride	ND	H	0.020	1	11/01/2020 17:28
4-Methyl-2-pentanone (MIBK)	ND	H	0.0050	1	11/01/2020 17:28
Naphthalene	ND	H	0.0050	1	11/01/2020 17:28
n-Propyl benzene	ND	H	0.0050	1	11/01/2020 17:28
Styrene	ND	H	0.0050	1	11/01/2020 17:28
1,1,1,2-Tetrachloroethane	ND	H	0.0050	1	11/01/2020 17:28
1,1,2,2-Tetrachloroethane	ND	H	0.0050	1	11/01/2020 17:28
Tetrachloroethene	ND	H	0.0050	1	11/01/2020 17:28
Toluene	ND	H	0.0050	1	11/01/2020 17:28
1,2,3-Trichlorobenzene	ND	H	0.0050	1	11/01/2020 17:28
1,2,4-Trichlorobenzene	ND	H	0.0050	1	11/01/2020 17:28
1,1,1-Trichloroethane	ND	H	0.0050	1	11/01/2020 17:28
1,1,2-Trichloroethane	ND	H	0.0050	1	11/01/2020 17:28
Trichloroethene	ND	H	0.0050	1	11/01/2020 17:28
Trichlorofluoromethane	ND	H	0.0050	1	11/01/2020 17:28
1,2,3-Trichloropropane	ND	H	0.00025	1	11/01/2020 17:28
1,2,4-Trimethylbenzene	ND	H	0.0050	1	11/01/2020 17:28
1,3,5-Trimethylbenzene	ND	H	0.0050	1	11/01/2020 17:28
Vinyl Chloride	ND	H	0.00025	1	11/01/2020 17:28
m,p-Xylene	ND	H	0.0050	1	11/01/2020 17:28
o-Xylene	ND	H	0.0050	1	11/01/2020 17:28
Xylenes, Total	ND	H	0.0050	1	11/01/2020 17:28

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-9.5-10	2010637-009A	Soil	10/12/2020 09:22	GC28 11012010.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
Dibromofluoromethane	114	H	82-136		11/01/2020 17:28
Toluene-d8	121	H	92-139		11/01/2020 17:28
4-BFB	135	H	82-135		11/01/2020 17:28
Benzene-d6	104	H	55-122		11/01/2020 17:28
Ethylbenzene-d10	109	H	58-141		11/01/2020 17:28
1,2-DCB-d4	91	H	51-107		11/01/2020 17:28

Analyst(s): KF

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-1-1.5	2010637-011A	Soil	10/12/2020 10:04	GC28 11012011.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND	H	0.20	1	11/01/2020 18:11
tert-Amyl methyl ether (TAME)	ND	H	0.0050	1	11/01/2020 18:11
Benzene	ND	H	0.0050	1	11/01/2020 18:11
Bromobenzene	ND	H	0.0050	1	11/01/2020 18:11
Bromochloromethane	ND	H	0.0050	1	11/01/2020 18:11
Bromodichloromethane	ND	H	0.0050	1	11/01/2020 18:11
Bromoform	ND	H	0.0050	1	11/01/2020 18:11
Bromomethane	ND	H	0.0050	1	11/01/2020 18:11
2-Butanone (MEK)	ND	H	0.050	1	11/01/2020 18:11
t-Butyl alcohol (TBA)	ND	H	0.050	1	11/01/2020 18:11
n-Butyl benzene	ND	H	0.0050	1	11/01/2020 18:11
sec-Butyl benzene	ND	H	0.0050	1	11/01/2020 18:11
tert-Butyl benzene	ND	H	0.0050	1	11/01/2020 18:11
Carbon Disulfide	ND	H	0.0050	1	11/01/2020 18:11
Carbon Tetrachloride	ND	H	0.0050	1	11/01/2020 18:11
Chlorobenzene	ND	H	0.0050	1	11/01/2020 18:11
Chloroethane	ND	H	0.0050	1	11/01/2020 18:11
Chloroform	ND	H	0.0050	1	11/01/2020 18:11
Chloromethane	ND	H	0.0050	1	11/01/2020 18:11
2-Chlorotoluene	ND	H	0.0050	1	11/01/2020 18:11
4-Chlorotoluene	ND	H	0.0050	1	11/01/2020 18:11
Dibromochloromethane	ND	H	0.0050	1	11/01/2020 18:11
1,2-Dibromo-3-chloropropane	ND	H	0.00050	1	11/01/2020 18:11
1,2-Dibromoethane (EDB)	ND	H	0.00025	1	11/01/2020 18:11
Dibromomethane	ND	H	0.0050	1	11/01/2020 18:11
1,2-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 18:11
1,3-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 18:11
1,4-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 18:11
Dichlorodifluoromethane	ND	H	0.0050	1	11/01/2020 18:11
1,1-Dichloroethane	ND	H	0.0050	1	11/01/2020 18:11
1,2-Dichloroethane (1,2-DCA)	ND	H	0.00010	1	11/01/2020 18:11
1,1-Dichloroethene	ND	H	0.0050	1	11/01/2020 18:11
cis-1,2-Dichloroethene	ND	H	0.0050	1	11/01/2020 18:11
trans-1,2-Dichloroethene	ND	H	0.0050	1	11/01/2020 18:11
1,2-Dichloropropane	ND	H	0.0050	1	11/01/2020 18:11
1,3-Dichloropropane	ND	H	0.0050	1	11/01/2020 18:11
2,2-Dichloropropane	ND	H	0.0050	1	11/01/2020 18:11

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-1-1.5	2010637-011A	Soil	10/12/2020 10:04	GC28 11012011.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	H	0.0050	1	11/01/2020 18:11
cis-1,3-Dichloropropene	ND	H	0.0050	1	11/01/2020 18:11
trans-1,3-Dichloropropene	ND	H	0.0050	1	11/01/2020 18:11
Diisopropyl ether (DIPE)	ND	H	0.0050	1	11/01/2020 18:11
Ethylbenzene	ND	H	0.0050	1	11/01/2020 18:11
Ethyl tert-butyl ether (ETBE)	ND	H	0.0050	1	11/01/2020 18:11
Freon 113	ND	H	0.0050	1	11/01/2020 18:11
Hexachlorobutadiene	ND	H	0.0050	1	11/01/2020 18:11
Hexachloroethane	ND	H	0.0050	1	11/01/2020 18:11
2-Hexanone	ND	H	0.0050	1	11/01/2020 18:11
Isopropylbenzene	ND	H	0.0050	1	11/01/2020 18:11
4-Isopropyl toluene	ND	H	0.0050	1	11/01/2020 18:11
Methyl-t-butyl ether (MTBE)	ND	H	0.0050	1	11/01/2020 18:11
Methylene chloride	ND	H	0.020	1	11/01/2020 18:11
4-Methyl-2-pentanone (MIBK)	ND	H	0.0050	1	11/01/2020 18:11
Naphthalene	ND	H	0.0050	1	11/01/2020 18:11
n-Propyl benzene	ND	H	0.0050	1	11/01/2020 18:11
Styrene	ND	H	0.0050	1	11/01/2020 18:11
1,1,1,2-Tetrachloroethane	ND	H	0.0050	1	11/01/2020 18:11
1,1,2,2-Tetrachloroethane	ND	H	0.0050	1	11/01/2020 18:11
Tetrachloroethene	ND	H	0.0050	1	11/01/2020 18:11
Toluene	ND	H	0.0050	1	11/01/2020 18:11
1,2,3-Trichlorobenzene	ND	H	0.0050	1	11/01/2020 18:11
1,2,4-Trichlorobenzene	ND	H	0.0050	1	11/01/2020 18:11
1,1,1-Trichloroethane	ND	H	0.0050	1	11/01/2020 18:11
1,1,2-Trichloroethane	ND	H	0.0050	1	11/01/2020 18:11
Trichloroethene	ND	H	0.0050	1	11/01/2020 18:11
Trichlorofluoromethane	ND	H	0.0050	1	11/01/2020 18:11
1,2,3-Trichloropropane	ND	H	0.00025	1	11/01/2020 18:11
1,2,4-Trimethylbenzene	ND	H	0.0050	1	11/01/2020 18:11
1,3,5-Trimethylbenzene	ND	H	0.0050	1	11/01/2020 18:11
Vinyl Chloride	ND	H	0.00025	1	11/01/2020 18:11
m,p-Xylene	ND	H	0.0050	1	11/01/2020 18:11
o-Xylene	ND	H	0.0050	1	11/01/2020 18:11
Xylenes, Total	ND	H	0.0050	1	11/01/2020 18:11

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-1-1.5	2010637-011A	Soil	10/12/2020 10:04	GC28 11012011.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
Dibromofluoromethane	100	H	82-136		11/01/2020 18:11
Toluene-d8	123	H	92-139		11/01/2020 18:11
4-BFB	134	H	82-135		11/01/2020 18:11
Benzene-d6	107	H	55-122		11/01/2020 18:11
Ethylbenzene-d10	123	H	58-141		11/01/2020 18:11
1,2-DCB-d4	99	H	51-107		11/01/2020 18:11

Analyst(s): KF

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-2.5-3	2010637-012A	Soil	10/12/2020 10:07	GC28 11012012.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND	H	0.20	1	11/01/2020 18:54
tert-Amyl methyl ether (TAME)	ND	H	0.0050	1	11/01/2020 18:54
Benzene	ND	H	0.0050	1	11/01/2020 18:54
Bromobenzene	ND	H	0.0050	1	11/01/2020 18:54
Bromochloromethane	ND	H	0.0050	1	11/01/2020 18:54
Bromodichloromethane	ND	H	0.0050	1	11/01/2020 18:54
Bromoform	ND	H	0.0050	1	11/01/2020 18:54
Bromomethane	ND	H	0.0050	1	11/01/2020 18:54
2-Butanone (MEK)	ND	H	0.050	1	11/01/2020 18:54
t-Butyl alcohol (TBA)	ND	H	0.050	1	11/01/2020 18:54
n-Butyl benzene	ND	H	0.0050	1	11/01/2020 18:54
sec-Butyl benzene	ND	H	0.0050	1	11/01/2020 18:54
tert-Butyl benzene	ND	H	0.0050	1	11/01/2020 18:54
Carbon Disulfide	ND	H	0.0050	1	11/01/2020 18:54
Carbon Tetrachloride	ND	H	0.0050	1	11/01/2020 18:54
Chlorobenzene	ND	H	0.0050	1	11/01/2020 18:54
Chloroethane	ND	H	0.0050	1	11/01/2020 18:54
Chloroform	ND	H	0.0050	1	11/01/2020 18:54
Chloromethane	ND	H	0.0050	1	11/01/2020 18:54
2-Chlorotoluene	ND	H	0.0050	1	11/01/2020 18:54
4-Chlorotoluene	ND	H	0.0050	1	11/01/2020 18:54
Dibromochloromethane	ND	H	0.0050	1	11/01/2020 18:54
1,2-Dibromo-3-chloropropane	ND	H	0.00050	1	11/01/2020 18:54
1,2-Dibromoethane (EDB)	ND	H	0.00025	1	11/01/2020 18:54
Dibromomethane	ND	H	0.0050	1	11/01/2020 18:54
1,2-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 18:54
1,3-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 18:54
1,4-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 18:54
Dichlorodifluoromethane	ND	H	0.0050	1	11/01/2020 18:54
1,1-Dichloroethane	ND	H	0.0050	1	11/01/2020 18:54
1,2-Dichloroethane (1,2-DCA)	ND	H	0.00010	1	11/01/2020 18:54
1,1-Dichloroethene	ND	H	0.0050	1	11/01/2020 18:54
cis-1,2-Dichloroethene	ND	H	0.0050	1	11/01/2020 18:54
trans-1,2-Dichloroethene	ND	H	0.0050	1	11/01/2020 18:54
1,2-Dichloropropane	ND	H	0.0050	1	11/01/2020 18:54
1,3-Dichloropropane	ND	H	0.0050	1	11/01/2020 18:54
2,2-Dichloropropane	ND	H	0.0050	1	11/01/2020 18:54

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-2.5-3	2010637-012A	Soil	10/12/2020 10:07	GC28 11012012.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	H	0.0050	1	11/01/2020 18:54
cis-1,3-Dichloropropene	ND	H	0.0050	1	11/01/2020 18:54
trans-1,3-Dichloropropene	ND	H	0.0050	1	11/01/2020 18:54
Diisopropyl ether (DIPE)	ND	H	0.0050	1	11/01/2020 18:54
Ethylbenzene	ND	H	0.0050	1	11/01/2020 18:54
Ethyl tert-butyl ether (ETBE)	ND	H	0.0050	1	11/01/2020 18:54
Freon 113	ND	H	0.0050	1	11/01/2020 18:54
Hexachlorobutadiene	ND	H	0.0050	1	11/01/2020 18:54
Hexachloroethane	ND	H	0.0050	1	11/01/2020 18:54
2-Hexanone	ND	H	0.0050	1	11/01/2020 18:54
Isopropylbenzene	ND	H	0.0050	1	11/01/2020 18:54
4-Isopropyl toluene	ND	H	0.0050	1	11/01/2020 18:54
Methyl-t-butyl ether (MTBE)	ND	H	0.0050	1	11/01/2020 18:54
Methylene chloride	ND	H	0.020	1	11/01/2020 18:54
4-Methyl-2-pentanone (MIBK)	ND	H	0.0050	1	11/01/2020 18:54
Naphthalene	ND	H	0.0050	1	11/01/2020 18:54
n-Propyl benzene	ND	H	0.0050	1	11/01/2020 18:54
Styrene	ND	H	0.0050	1	11/01/2020 18:54
1,1,1,2-Tetrachloroethane	ND	H	0.0050	1	11/01/2020 18:54
1,1,2,2-Tetrachloroethane	ND	H	0.0050	1	11/01/2020 18:54
Tetrachloroethene	ND	H	0.0050	1	11/01/2020 18:54
Toluene	ND	H	0.0050	1	11/01/2020 18:54
1,2,3-Trichlorobenzene	ND	H	0.0050	1	11/01/2020 18:54
1,2,4-Trichlorobenzene	ND	H	0.0050	1	11/01/2020 18:54
1,1,1-Trichloroethane	ND	H	0.0050	1	11/01/2020 18:54
1,1,2-Trichloroethane	ND	H	0.0050	1	11/01/2020 18:54
Trichloroethene	ND	H	0.0050	1	11/01/2020 18:54
Trichlorofluoromethane	ND	H	0.0050	1	11/01/2020 18:54
1,2,3-Trichloropropane	ND	H	0.00025	1	11/01/2020 18:54
1,2,4-Trimethylbenzene	ND	H	0.0050	1	11/01/2020 18:54
1,3,5-Trimethylbenzene	ND	H	0.0050	1	11/01/2020 18:54
Vinyl Chloride	ND	H	0.00025	1	11/01/2020 18:54
m,p-Xylene	ND	H	0.0050	1	11/01/2020 18:54
o-Xylene	ND	H	0.0050	1	11/01/2020 18:54
Xylenes, Total	ND	H	0.0050	1	11/01/2020 18:54

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-2.5-3	2010637-012A	Soil	10/12/2020 10:07	GC28 11012012.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
Dibromofluoromethane	112	H	82-136		11/01/2020 18:54
Toluene-d8	122	H	92-139		11/01/2020 18:54
4-BFB	137	SH	82-135		11/01/2020 18:54
Benzene-d6	100	H	55-122		11/01/2020 18:54
Ethylbenzene-d10	101	H	58-141		11/01/2020 18:54
1,2-DCB-d4	83	H	51-107		11/01/2020 18:54

Analyst(s): KF Analytical Comments: c2

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-4.5-5	2010637-013A	Soil	10/12/2020 10:05	GC28 11012013.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND	H	0.20	1	11/01/2020 19:36
tert-Amyl methyl ether (TAME)	ND	H	0.0050	1	11/01/2020 19:36
Benzene	ND	H	0.0050	1	11/01/2020 19:36
Bromobenzene	ND	H	0.0050	1	11/01/2020 19:36
Bromochloromethane	ND	H	0.0050	1	11/01/2020 19:36
Bromodichloromethane	ND	H	0.0050	1	11/01/2020 19:36
Bromoform	ND	H	0.0050	1	11/01/2020 19:36
Bromomethane	ND	H	0.0050	1	11/01/2020 19:36
2-Butanone (MEK)	ND	H	0.050	1	11/01/2020 19:36
t-Butyl alcohol (TBA)	ND	H	0.050	1	11/01/2020 19:36
n-Butyl benzene	ND	H	0.0050	1	11/01/2020 19:36
sec-Butyl benzene	ND	H	0.0050	1	11/01/2020 19:36
tert-Butyl benzene	ND	H	0.0050	1	11/01/2020 19:36
Carbon Disulfide	ND	H	0.0050	1	11/01/2020 19:36
Carbon Tetrachloride	ND	H	0.0050	1	11/01/2020 19:36
Chlorobenzene	ND	H	0.0050	1	11/01/2020 19:36
Chloroethane	ND	H	0.0050	1	11/01/2020 19:36
Chloroform	ND	H	0.0050	1	11/01/2020 19:36
Chloromethane	ND	H	0.0050	1	11/01/2020 19:36
2-Chlorotoluene	ND	H	0.0050	1	11/01/2020 19:36
4-Chlorotoluene	ND	H	0.0050	1	11/01/2020 19:36
Dibromochloromethane	ND	H	0.0050	1	11/01/2020 19:36
1,2-Dibromo-3-chloropropane	ND	H	0.00050	1	11/01/2020 19:36
1,2-Dibromoethane (EDB)	ND	H	0.00025	1	11/01/2020 19:36
Dibromomethane	ND	H	0.0050	1	11/01/2020 19:36
1,2-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 19:36
1,3-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 19:36
1,4-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 19:36
Dichlorodifluoromethane	ND	H	0.0050	1	11/01/2020 19:36
1,1-Dichloroethane	ND	H	0.0050	1	11/01/2020 19:36
1,2-Dichloroethane (1,2-DCA)	ND	H	0.00010	1	11/01/2020 19:36
1,1-Dichloroethene	ND	H	0.0050	1	11/01/2020 19:36
cis-1,2-Dichloroethene	ND	H	0.0050	1	11/01/2020 19:36
trans-1,2-Dichloroethene	ND	H	0.0050	1	11/01/2020 19:36
1,2-Dichloropropane	ND	H	0.0050	1	11/01/2020 19:36
1,3-Dichloropropane	ND	H	0.0050	1	11/01/2020 19:36
2,2-Dichloropropane	ND	H	0.0050	1	11/01/2020 19:36

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-4.5-5	2010637-013A	Soil	10/12/2020 10:05	GC28 11012013.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	H	0.0050	1	11/01/2020 19:36
cis-1,3-Dichloropropene	ND	H	0.0050	1	11/01/2020 19:36
trans-1,3-Dichloropropene	ND	H	0.0050	1	11/01/2020 19:36
Diisopropyl ether (DIPE)	ND	H	0.0050	1	11/01/2020 19:36
Ethylbenzene	ND	H	0.0050	1	11/01/2020 19:36
Ethyl tert-butyl ether (ETBE)	ND	H	0.0050	1	11/01/2020 19:36
Freon 113	ND	H	0.0050	1	11/01/2020 19:36
Hexachlorobutadiene	ND	H	0.0050	1	11/01/2020 19:36
Hexachloroethane	ND	H	0.0050	1	11/01/2020 19:36
2-Hexanone	ND	H	0.0050	1	11/01/2020 19:36
Isopropylbenzene	ND	H	0.0050	1	11/01/2020 19:36
4-Isopropyl toluene	ND	H	0.0050	1	11/01/2020 19:36
Methyl-t-butyl ether (MTBE)	ND	H	0.0050	1	11/01/2020 19:36
Methylene chloride	ND	H	0.020	1	11/01/2020 19:36
4-Methyl-2-pentanone (MIBK)	ND	H	0.0050	1	11/01/2020 19:36
Naphthalene	ND	H	0.0050	1	11/01/2020 19:36
n-Propyl benzene	ND	H	0.0050	1	11/01/2020 19:36
Styrene	ND	H	0.0050	1	11/01/2020 19:36
1,1,1,2-Tetrachloroethane	ND	H	0.0050	1	11/01/2020 19:36
1,1,2,2-Tetrachloroethane	ND	H	0.0050	1	11/01/2020 19:36
Tetrachloroethene	ND	H	0.0050	1	11/01/2020 19:36
Toluene	ND	H	0.0050	1	11/01/2020 19:36
1,2,3-Trichlorobenzene	ND	H	0.0050	1	11/01/2020 19:36
1,2,4-Trichlorobenzene	ND	H	0.0050	1	11/01/2020 19:36
1,1,1-Trichloroethane	ND	H	0.0050	1	11/01/2020 19:36
1,1,2-Trichloroethane	ND	H	0.0050	1	11/01/2020 19:36
Trichloroethene	ND	H	0.0050	1	11/01/2020 19:36
Trichlorofluoromethane	ND	H	0.0050	1	11/01/2020 19:36
1,2,3-Trichloropropane	ND	H	0.00025	1	11/01/2020 19:36
1,2,4-Trimethylbenzene	ND	H	0.0050	1	11/01/2020 19:36
1,3,5-Trimethylbenzene	ND	H	0.0050	1	11/01/2020 19:36
Vinyl Chloride	ND	H	0.00025	1	11/01/2020 19:36
m,p-Xylene	ND	H	0.0050	1	11/01/2020 19:36
o-Xylene	ND	H	0.0050	1	11/01/2020 19:36
Xylenes, Total	ND	H	0.0050	1	11/01/2020 19:36

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-4.5-5	**2010637-013A**	**Soil**	**10/12/2020 10:05**	**GC28 11012013.D**	**208139**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
Dibromofluoromethane	112	H	82-136		11/01/2020 19:36
Toluene-d8	121	H	92-139		11/01/2020 19:36
4-BFB	133	H	82-135		11/01/2020 19:36
Benzene-d6	104	H	55-122		11/01/2020 19:36
Ethylbenzene-d10	108	H	58-141		11/01/2020 19:36
1,2-DCB-d4	89	H	51-107		11/01/2020 19:36

Analyst(s): KF

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-1-1.5	2010637-016A	Soil	10/12/2020 10:42	GC28 11012014.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND	H	0.20	1	11/01/2020 20:19
tert-Amyl methyl ether (TAME)	ND	H	0.0050	1	11/01/2020 20:19
Benzene	ND	H	0.0050	1	11/01/2020 20:19
Bromobenzene	ND	H	0.0050	1	11/01/2020 20:19
Bromochloromethane	ND	H	0.0050	1	11/01/2020 20:19
Bromodichloromethane	ND	H	0.0050	1	11/01/2020 20:19
Bromoform	ND	H	0.0050	1	11/01/2020 20:19
Bromomethane	ND	H	0.0050	1	11/01/2020 20:19
2-Butanone (MEK)	ND	H	0.050	1	11/01/2020 20:19
t-Butyl alcohol (TBA)	ND	H	0.050	1	11/01/2020 20:19
n-Butyl benzene	ND	H	0.0050	1	11/01/2020 20:19
sec-Butyl benzene	ND	H	0.0050	1	11/01/2020 20:19
tert-Butyl benzene	ND	H	0.0050	1	11/01/2020 20:19
Carbon Disulfide	ND	H	0.0050	1	11/01/2020 20:19
Carbon Tetrachloride	ND	H	0.0050	1	11/01/2020 20:19
Chlorobenzene	ND	H	0.0050	1	11/01/2020 20:19
Chloroethane	ND	H	0.0050	1	11/01/2020 20:19
Chloroform	ND	H	0.0050	1	11/01/2020 20:19
Chloromethane	ND	H	0.0050	1	11/01/2020 20:19
2-Chlorotoluene	ND	H	0.0050	1	11/01/2020 20:19
4-Chlorotoluene	ND	H	0.0050	1	11/01/2020 20:19
Dibromochloromethane	ND	H	0.0050	1	11/01/2020 20:19
1,2-Dibromo-3-chloropropane	ND	H	0.00050	1	11/01/2020 20:19
1,2-Dibromoethane (EDB)	ND	H	0.00025	1	11/01/2020 20:19
Dibromomethane	ND	H	0.0050	1	11/01/2020 20:19
1,2-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 20:19
1,3-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 20:19
1,4-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 20:19
Dichlorodifluoromethane	ND	H	0.0050	1	11/01/2020 20:19
1,1-Dichloroethane	ND	H	0.0050	1	11/01/2020 20:19
1,2-Dichloroethane (1,2-DCA)	ND	H	0.00010	1	11/01/2020 20:19
1,1-Dichloroethene	ND	H	0.0050	1	11/01/2020 20:19
cis-1,2-Dichloroethene	ND	H	0.0050	1	11/01/2020 20:19
trans-1,2-Dichloroethene	ND	H	0.0050	1	11/01/2020 20:19
1,2-Dichloropropane	ND	H	0.0050	1	11/01/2020 20:19
1,3-Dichloropropane	ND	H	0.0050	1	11/01/2020 20:19
2,2-Dichloropropane	ND	H	0.0050	1	11/01/2020 20:19

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-1-1.5	2010637-016A	Soil	10/12/2020 10:42	GC28 11012014.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	H	0.0050	1	11/01/2020 20:19
cis-1,3-Dichloropropene	ND	H	0.0050	1	11/01/2020 20:19
trans-1,3-Dichloropropene	ND	H	0.0050	1	11/01/2020 20:19
Diisopropyl ether (DIPE)	ND	H	0.0050	1	11/01/2020 20:19
Ethylbenzene	ND	H	0.0050	1	11/01/2020 20:19
Ethyl tert-butyl ether (ETBE)	ND	H	0.0050	1	11/01/2020 20:19
Freon 113	ND	H	0.0050	1	11/01/2020 20:19
Hexachlorobutadiene	ND	H	0.0050	1	11/01/2020 20:19
Hexachloroethane	ND	H	0.0050	1	11/01/2020 20:19
2-Hexanone	ND	H	0.0050	1	11/01/2020 20:19
Isopropylbenzene	ND	H	0.0050	1	11/01/2020 20:19
4-Isopropyl toluene	**0.0082**	H	0.0050	1	11/01/2020 20:19
Methyl-t-butyl ether (MTBE)	ND	H	0.0050	1	11/01/2020 20:19
Methylene chloride	ND	H	0.020	1	11/01/2020 20:19
4-Methyl-2-pentanone (MIBK)	ND	H	0.0050	1	11/01/2020 20:19
Naphthalene	ND	H	0.0050	1	11/01/2020 20:19
n-Propyl benzene	ND	H	0.0050	1	11/01/2020 20:19
Styrene	ND	H	0.0050	1	11/01/2020 20:19
1,1,1,2-Tetrachloroethane	ND	H	0.0050	1	11/01/2020 20:19
1,1,2,2-Tetrachloroethane	ND	H	0.0050	1	11/01/2020 20:19
Tetrachloroethene	ND	H	0.0050	1	11/01/2020 20:19
Toluene	ND	H	0.0050	1	11/01/2020 20:19
1,2,3-Trichlorobenzene	ND	H	0.0050	1	11/01/2020 20:19
1,2,4-Trichlorobenzene	ND	H	0.0050	1	11/01/2020 20:19
1,1,1-Trichloroethane	ND	H	0.0050	1	11/01/2020 20:19
1,1,2-Trichloroethane	ND	H	0.0050	1	11/01/2020 20:19
Trichloroethene	ND	H	0.0050	1	11/01/2020 20:19
Trichlorofluoromethane	ND	H	0.0050	1	11/01/2020 20:19
1,2,3-Trichloropropane	ND	H	0.00025	1	11/01/2020 20:19
1,2,4-Trimethylbenzene	ND	H	0.0050	1	11/01/2020 20:19
1,3,5-Trimethylbenzene	ND	H	0.0050	1	11/01/2020 20:19
Vinyl Chloride	ND	H	0.00025	1	11/01/2020 20:19
m,p-Xylene	ND	H	0.0050	1	11/01/2020 20:19
o-Xylene	ND	H	0.0050	1	11/01/2020 20:19
Xylenes, Total	ND	H	0.0050	1	11/01/2020 20:19

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-1-1.5	2010637-016A	Soil	10/12/2020 10:42	GC28 11012014.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
Dibromofluoromethane	111	H	82-136		11/01/2020 20:19
Toluene-d8	122	H	92-139		11/01/2020 20:19
4-BFB	138	SH	82-135		11/01/2020 20:19
Benzene-d6	109	H	55-122		11/01/2020 20:19
Ethylbenzene-d10	114	H	58-141		11/01/2020 20:19
1,2-DCB-d4	97	H	51-107		11/01/2020 20:19

Analyst(s): KF Analytical Comments: c2

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-2.5-3	2010637-017A	Soil	10/12/2020 10:43	GC28 11012015.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND	H	0.20	1	11/01/2020 21:02
tert-Amyl methyl ether (TAME)	ND	H	0.0050	1	11/01/2020 21:02
Benzene	ND	H	0.0050	1	11/01/2020 21:02
Bromobenzene	ND	H	0.0050	1	11/01/2020 21:02
Bromochloromethane	ND	H	0.0050	1	11/01/2020 21:02
Bromodichloromethane	ND	H	0.0050	1	11/01/2020 21:02
Bromoform	ND	H	0.0050	1	11/01/2020 21:02
Bromomethane	ND	H	0.0050	1	11/01/2020 21:02
2-Butanone (MEK)	ND	H	0.050	1	11/01/2020 21:02
t-Butyl alcohol (TBA)	ND	H	0.050	1	11/01/2020 21:02
n-Butyl benzene	ND	H	0.0050	1	11/01/2020 21:02
sec-Butyl benzene	ND	H	0.0050	1	11/01/2020 21:02
tert-Butyl benzene	ND	H	0.0050	1	11/01/2020 21:02
Carbon Disulfide	ND	H	0.0050	1	11/01/2020 21:02
Carbon Tetrachloride	ND	H	0.0050	1	11/01/2020 21:02
Chlorobenzene	ND	H	0.0050	1	11/01/2020 21:02
Chloroethane	ND	H	0.0050	1	11/01/2020 21:02
Chloroform	ND	H	0.0050	1	11/01/2020 21:02
Chloromethane	ND	H	0.0050	1	11/01/2020 21:02
2-Chlorotoluene	ND	H	0.0050	1	11/01/2020 21:02
4-Chlorotoluene	ND	H	0.0050	1	11/01/2020 21:02
Dibromochloromethane	ND	H	0.0050	1	11/01/2020 21:02
1,2-Dibromo-3-chloropropane	ND	H	0.00050	1	11/01/2020 21:02
1,2-Dibromoethane (EDB)	ND	H	0.00025	1	11/01/2020 21:02
Dibromomethane	ND	H	0.0050	1	11/01/2020 21:02
1,2-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 21:02
1,3-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 21:02
1,4-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 21:02
Dichlorodifluoromethane	ND	H	0.0050	1	11/01/2020 21:02
1,1-Dichloroethane	ND	H	0.0050	1	11/01/2020 21:02
1,2-Dichloroethane (1,2-DCA)	ND	H	0.00010	1	11/01/2020 21:02
1,1-Dichloroethene	ND	H	0.0050	1	11/01/2020 21:02
cis-1,2-Dichloroethene	ND	H	0.0050	1	11/01/2020 21:02
trans-1,2-Dichloroethene	ND	H	0.0050	1	11/01/2020 21:02
1,2-Dichloropropane	ND	H	0.0050	1	11/01/2020 21:02
1,3-Dichloropropane	ND	H	0.0050	1	11/01/2020 21:02
2,2-Dichloropropane	ND	H	0.0050	1	11/01/2020 21:02

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-2.5-3	2010637-017A	Soil	10/12/2020 10:43	GC28 11012015.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	H	0.0050	1	11/01/2020 21:02
cis-1,3-Dichloropropene	ND	H	0.0050	1	11/01/2020 21:02
trans-1,3-Dichloropropene	ND	H	0.0050	1	11/01/2020 21:02
Diisopropyl ether (DIPE)	ND	H	0.0050	1	11/01/2020 21:02
Ethylbenzene	ND	H	0.0050	1	11/01/2020 21:02
Ethyl tert-butyl ether (ETBE)	ND	H	0.0050	1	11/01/2020 21:02
Freon 113	ND	H	0.0050	1	11/01/2020 21:02
Hexachlorobutadiene	ND	H	0.0050	1	11/01/2020 21:02
Hexachloroethane	ND	H	0.0050	1	11/01/2020 21:02
2-Hexanone	ND	H	0.0050	1	11/01/2020 21:02
Isopropylbenzene	ND	H	0.0050	1	11/01/2020 21:02
4-Isopropyl toluene	**0.0096**	H	0.0050	1	11/01/2020 21:02
Methyl-t-butyl ether (MTBE)	ND	H	0.0050	1	11/01/2020 21:02
Methylene chloride	ND	H	0.020	1	11/01/2020 21:02
4-Methyl-2-pentanone (MIBK)	ND	H	0.0050	1	11/01/2020 21:02
Naphthalene	ND	H	0.0050	1	11/01/2020 21:02
n-Propyl benzene	ND	H	0.0050	1	11/01/2020 21:02
Styrene	ND	H	0.0050	1	11/01/2020 21:02
1,1,1,2-Tetrachloroethane	ND	H	0.0050	1	11/01/2020 21:02
1,1,2,2-Tetrachloroethane	ND	H	0.0050	1	11/01/2020 21:02
Tetrachloroethene	ND	H	0.0050	1	11/01/2020 21:02
Toluene	ND	H	0.0050	1	11/01/2020 21:02
1,2,3-Trichlorobenzene	ND	H	0.0050	1	11/01/2020 21:02
1,2,4-Trichlorobenzene	ND	H	0.0050	1	11/01/2020 21:02
1,1,1-Trichloroethane	ND	H	0.0050	1	11/01/2020 21:02
1,1,2-Trichloroethane	ND	H	0.0050	1	11/01/2020 21:02
Trichloroethene	ND	H	0.0050	1	11/01/2020 21:02
Trichlorofluoromethane	ND	H	0.0050	1	11/01/2020 21:02
1,2,3-Trichloropropane	ND	H	0.00025	1	11/01/2020 21:02
1,2,4-Trimethylbenzene	ND	H	0.0050	1	11/01/2020 21:02
1,3,5-Trimethylbenzene	ND	H	0.0050	1	11/01/2020 21:02
Vinyl Chloride	ND	H	0.00025	1	11/01/2020 21:02
m,p-Xylene	ND	H	0.0050	1	11/01/2020 21:02
o-Xylene	ND	H	0.0050	1	11/01/2020 21:02
Xylenes, Total	ND	H	0.0050	1	11/01/2020 21:02

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-2.5-3	2010637-017A	Soil	10/12/2020 10:43	GC28 11012015.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
Dibromofluoromethane	113	H	82-136		11/01/2020 21:02
Toluene-d8	122	H	92-139		11/01/2020 21:02
4-BFB	131	H	82-135		11/01/2020 21:02
Benzene-d6	102	H	55-122		11/01/2020 21:02
Ethylbenzene-d10	108	H	58-141		11/01/2020 21:02
1,2-DCB-d4	88	H	51-107		11/01/2020 21:02

Analyst(s): KF

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-9.5-10	2010637-019A	Soil	10/12/2020 10:59	GC28 11012016.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND	H	0.20	1	11/01/2020 21:45
tert-Amyl methyl ether (TAME)	ND	H	0.0050	1	11/01/2020 21:45
Benzene	ND	H	0.0050	1	11/01/2020 21:45
Bromobenzene	ND	H	0.0050	1	11/01/2020 21:45
Bromochloromethane	ND	H	0.0050	1	11/01/2020 21:45
Bromodichloromethane	ND	H	0.0050	1	11/01/2020 21:45
Bromoform	ND	H	0.0050	1	11/01/2020 21:45
Bromomethane	ND	H	0.0050	1	11/01/2020 21:45
2-Butanone (MEK)	ND	H	0.050	1	11/01/2020 21:45
t-Butyl alcohol (TBA)	ND	H	0.050	1	11/01/2020 21:45
n-Butyl benzene	ND	H	0.0050	1	11/01/2020 21:45
sec-Butyl benzene	ND	H	0.0050	1	11/01/2020 21:45
tert-Butyl benzene	ND	H	0.0050	1	11/01/2020 21:45
Carbon Disulfide	ND	H	0.0050	1	11/01/2020 21:45
Carbon Tetrachloride	ND	H	0.0050	1	11/01/2020 21:45
Chlorobenzene	ND	H	0.0050	1	11/01/2020 21:45
Chloroethane	ND	H	0.0050	1	11/01/2020 21:45
Chloroform	ND	H	0.0050	1	11/01/2020 21:45
Chloromethane	ND	H	0.0050	1	11/01/2020 21:45
2-Chlorotoluene	ND	H	0.0050	1	11/01/2020 21:45
4-Chlorotoluene	ND	H	0.0050	1	11/01/2020 21:45
Dibromochloromethane	ND	H	0.0050	1	11/01/2020 21:45
1,2-Dibromo-3-chloropropane	ND	H	0.00050	1	11/01/2020 21:45
1,2-Dibromoethane (EDB)	ND	H	0.00025	1	11/01/2020 21:45
Dibromomethane	ND	H	0.0050	1	11/01/2020 21:45
1,2-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 21:45
1,3-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 21:45
1,4-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 21:45
Dichlorodifluoromethane	ND	H	0.0050	1	11/01/2020 21:45
1,1-Dichloroethane	ND	H	0.0050	1	11/01/2020 21:45
1,2-Dichloroethane (1,2-DCA)	ND	H	0.00010	1	11/01/2020 21:45
1,1-Dichloroethene	ND	H	0.0050	1	11/01/2020 21:45
cis-1,2-Dichloroethene	ND	H	0.0050	1	11/01/2020 21:45
trans-1,2-Dichloroethene	ND	H	0.0050	1	11/01/2020 21:45
1,2-Dichloropropane	ND	H	0.0050	1	11/01/2020 21:45
1,3-Dichloropropane	ND	H	0.0050	1	11/01/2020 21:45
2,2-Dichloropropane	ND	H	0.0050	1	11/01/2020 21:45

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-9.5-10	2010637-019A	Soil	10/12/2020 10:59	GC28 11012016.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	H	0.0050	1	11/01/2020 21:45
cis-1,3-Dichloropropene	ND	H	0.0050	1	11/01/2020 21:45
trans-1,3-Dichloropropene	ND	H	0.0050	1	11/01/2020 21:45
Diisopropyl ether (DIPE)	ND	H	0.0050	1	11/01/2020 21:45
Ethylbenzene	ND	H	0.0050	1	11/01/2020 21:45
Ethyl tert-butyl ether (ETBE)	ND	H	0.0050	1	11/01/2020 21:45
Freon 113	ND	H	0.0050	1	11/01/2020 21:45
Hexachlorobutadiene	ND	H	0.0050	1	11/01/2020 21:45
Hexachloroethane	ND	H	0.0050	1	11/01/2020 21:45
2-Hexanone	ND	H	0.0050	1	11/01/2020 21:45
Isopropylbenzene	ND	H	0.0050	1	11/01/2020 21:45
4-Isopropyl toluene	ND	H	0.0050	1	11/01/2020 21:45
Methyl-t-butyl ether (MTBE)	ND	H	0.0050	1	11/01/2020 21:45
Methylene chloride	ND	H	0.020	1	11/01/2020 21:45
4-Methyl-2-pentanone (MIBK)	ND	H	0.0050	1	11/01/2020 21:45
Naphthalene	ND	H	0.0050	1	11/01/2020 21:45
n-Propyl benzene	ND	H	0.0050	1	11/01/2020 21:45
Styrene	ND	H	0.0050	1	11/01/2020 21:45
1,1,1,2-Tetrachloroethane	ND	H	0.0050	1	11/01/2020 21:45
1,1,2,2-Tetrachloroethane	ND	H	0.0050	1	11/01/2020 21:45
Tetrachloroethene	ND	H	0.0050	1	11/01/2020 21:45
Toluene	ND	H	0.0050	1	11/01/2020 21:45
1,2,3-Trichlorobenzene	ND	H	0.0050	1	11/01/2020 21:45
1,2,4-Trichlorobenzene	ND	H	0.0050	1	11/01/2020 21:45
1,1,1-Trichloroethane	ND	H	0.0050	1	11/01/2020 21:45
1,1,2-Trichloroethane	ND	H	0.0050	1	11/01/2020 21:45
Trichloroethene	ND	H	0.0050	1	11/01/2020 21:45
Trichlorofluoromethane	ND	H	0.0050	1	11/01/2020 21:45
1,2,3-Trichloropropane	ND	H	0.00025	1	11/01/2020 21:45
1,2,4-Trimethylbenzene	ND	H	0.0050	1	11/01/2020 21:45
1,3,5-Trimethylbenzene	ND	H	0.0050	1	11/01/2020 21:45
Vinyl Chloride	ND	H	0.00025	1	11/01/2020 21:45
m,p-Xylene	ND	H	0.0050	1	11/01/2020 21:45
o-Xylene	ND	H	0.0050	1	11/01/2020 21:45
Xylenes, Total	ND	H	0.0050	1	11/01/2020 21:45

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-9.5-10	2010637-019A	Soil	10/12/2020 10:59	GC28 11012016.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
Dibromofluoromethane	114	H	82-136		11/01/2020 21:45
Toluene-d8	121	H	92-139		11/01/2020 21:45
4-BFB	133	H	82-135		11/01/2020 21:45
Benzene-d6	98	H	55-122		11/01/2020 21:45
Ethylbenzene-d10	103	H	58-141		11/01/2020 21:45
1,2-DCB-d4	86	H	51-107		11/01/2020 21:45

Analyst(s): KF

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-1-1.5	2010637-021A	Soil	10/12/2020 11:50	GC28 11012017.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND	H	0.20	1	11/01/2020 22:27
tert-Amyl methyl ether (TAME)	ND	H	0.0050	1	11/01/2020 22:27
Benzene	ND	H	0.0050	1	11/01/2020 22:27
Bromobenzene	ND	H	0.0050	1	11/01/2020 22:27
Bromochloromethane	ND	H	0.0050	1	11/01/2020 22:27
Bromodichloromethane	ND	H	0.0050	1	11/01/2020 22:27
Bromoform	ND	H	0.0050	1	11/01/2020 22:27
Bromomethane	ND	H	0.0050	1	11/01/2020 22:27
2-Butanone (MEK)	ND	H	0.050	1	11/01/2020 22:27
t-Butyl alcohol (TBA)	ND	H	0.050	1	11/01/2020 22:27
n-Butyl benzene	ND	H	0.0050	1	11/01/2020 22:27
sec-Butyl benzene	ND	H	0.0050	1	11/01/2020 22:27
tert-Butyl benzene	ND	H	0.0050	1	11/01/2020 22:27
Carbon Disulfide	ND	H	0.0050	1	11/01/2020 22:27
Carbon Tetrachloride	ND	H	0.0050	1	11/01/2020 22:27
Chlorobenzene	ND	H	0.0050	1	11/01/2020 22:27
Chloroethane	ND	H	0.0050	1	11/01/2020 22:27
Chloroform	ND	H	0.0050	1	11/01/2020 22:27
Chloromethane	ND	H	0.0050	1	11/01/2020 22:27
2-Chlorotoluene	ND	H	0.0050	1	11/01/2020 22:27
4-Chlorotoluene	ND	H	0.0050	1	11/01/2020 22:27
Dibromochloromethane	ND	H	0.0050	1	11/01/2020 22:27
1,2-Dibromo-3-chloropropane	ND	H	0.00050	1	11/01/2020 22:27
1,2-Dibromoethane (EDB)	ND	H	0.00025	1	11/01/2020 22:27
Dibromomethane	ND	H	0.0050	1	11/01/2020 22:27
1,2-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 22:27
1,3-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 22:27
1,4-Dichlorobenzene	ND	H	0.0050	1	11/01/2020 22:27
Dichlorodifluoromethane	ND	H	0.0050	1	11/01/2020 22:27
1,1-Dichloroethane	ND	H	0.0050	1	11/01/2020 22:27
1,2-Dichloroethane (1,2-DCA)	ND	H	0.00010	1	11/01/2020 22:27
1,1-Dichloroethene	ND	H	0.0050	1	11/01/2020 22:27
cis-1,2-Dichloroethene	ND	H	0.0050	1	11/01/2020 22:27
trans-1,2-Dichloroethene	ND	H	0.0050	1	11/01/2020 22:27
1,2-Dichloropropane	ND	H	0.0050	1	11/01/2020 22:27
1,3-Dichloropropane	ND	H	0.0050	1	11/01/2020 22:27
2,2-Dichloropropane	ND	H	0.0050	1	11/01/2020 22:27

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-1-1.5	2010637-021A	Soil	10/12/2020 11:50	GC28 11012017.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	H	0.0050	1	11/01/2020 22:27
cis-1,3-Dichloropropene	ND	H	0.0050	1	11/01/2020 22:27
trans-1,3-Dichloropropene	ND	H	0.0050	1	11/01/2020 22:27
Diisopropyl ether (DIPE)	ND	H	0.0050	1	11/01/2020 22:27
Ethylbenzene	ND	H	0.0050	1	11/01/2020 22:27
Ethyl tert-butyl ether (ETBE)	ND	H	0.0050	1	11/01/2020 22:27
Freon 113	ND	H	0.0050	1	11/01/2020 22:27
Hexachlorobutadiene	ND	H	0.0050	1	11/01/2020 22:27
Hexachloroethane	ND	H	0.0050	1	11/01/2020 22:27
2-Hexanone	ND	H	0.0050	1	11/01/2020 22:27
Isopropylbenzene	ND	H	0.0050	1	11/01/2020 22:27
4-Isopropyl toluene	ND	H	0.0050	1	11/01/2020 22:27
Methyl-t-butyl ether (MTBE)	ND	H	0.0050	1	11/01/2020 22:27
Methylene chloride	ND	H	0.020	1	11/01/2020 22:27
4-Methyl-2-pentanone (MIBK)	ND	H	0.0050	1	11/01/2020 22:27
Naphthalene	ND	H	0.0050	1	11/01/2020 22:27
n-Propyl benzene	ND	H	0.0050	1	11/01/2020 22:27
Styrene	ND	H	0.0050	1	11/01/2020 22:27
1,1,1,2-Tetrachloroethane	ND	H	0.0050	1	11/01/2020 22:27
1,1,2,2-Tetrachloroethane	ND	H	0.0050	1	11/01/2020 22:27
Tetrachloroethene	ND	H	0.0050	1	11/01/2020 22:27
Toluene	ND	H	0.0050	1	11/01/2020 22:27
1,2,3-Trichlorobenzene	ND	H	0.0050	1	11/01/2020 22:27
1,2,4-Trichlorobenzene	ND	H	0.0050	1	11/01/2020 22:27
1,1,1-Trichloroethane	ND	H	0.0050	1	11/01/2020 22:27
1,1,2-Trichloroethane	ND	H	0.0050	1	11/01/2020 22:27
Trichloroethene	ND	H	0.0050	1	11/01/2020 22:27
Trichlorofluoromethane	ND	H	0.0050	1	11/01/2020 22:27
1,2,3-Trichloropropane	ND	H	0.00025	1	11/01/2020 22:27
1,2,4-Trimethylbenzene	ND	H	0.0050	1	11/01/2020 22:27
1,3,5-Trimethylbenzene	ND	H	0.0050	1	11/01/2020 22:27
Vinyl Chloride	ND	H	0.00025	1	11/01/2020 22:27
m,p-Xylene	ND	H	0.0050	1	11/01/2020 22:27
o-Xylene	ND	H	0.0050	1	11/01/2020 22:27
Xylenes, Total	ND	H	0.0050	1	11/01/2020 22:27

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-1-1.5	2010637-021A	Soil	10/12/2020 11:50	GC28 11012017.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
Dibromofluoromethane	112	H	82-136		11/01/2020 22:27
Toluene-d8	121	H	92-139		11/01/2020 22:27
4-BFB	133	H	82-135		11/01/2020 22:27
Benzene-d6	104	H	55-122		11/01/2020 22:27
Ethylbenzene-d10	111	H	58-141		11/01/2020 22:27
1,2-DCB-d4	90	H	51-107		11/01/2020 22:27

Analyst(s): KF

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-2.5-3	2010637-022A	Soil	10/12/2020 11:51	GC28 11022010.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND	H	0.20	1	11/02/2020 13:04
tert-Amyl methyl ether (TAME)	ND	H	0.0050	1	11/02/2020 13:04
Benzene	ND	H	0.0050	1	11/02/2020 13:04
Bromobenzene	ND	H	0.0050	1	11/02/2020 13:04
Bromochloromethane	ND	H	0.0050	1	11/02/2020 13:04
Bromodichloromethane	ND	H	0.0050	1	11/02/2020 13:04
Bromoform	ND	H	0.0050	1	11/02/2020 13:04
Bromomethane	ND	H	0.0050	1	11/02/2020 13:04
2-Butanone (MEK)	ND	H	0.050	1	11/02/2020 13:04
t-Butyl alcohol (TBA)	ND	H	0.050	1	11/02/2020 13:04
n-Butyl benzene	ND	H	0.0050	1	11/02/2020 13:04
sec-Butyl benzene	ND	H	0.0050	1	11/02/2020 13:04
tert-Butyl benzene	ND	H	0.0050	1	11/02/2020 13:04
Carbon Disulfide	ND	H	0.0050	1	11/02/2020 13:04
Carbon Tetrachloride	ND	H	0.0050	1	11/02/2020 13:04
Chlorobenzene	ND	H	0.0050	1	11/02/2020 13:04
Chloroethane	ND	H	0.0050	1	11/02/2020 13:04
Chloroform	ND	H	0.0050	1	11/02/2020 13:04
Chloromethane	ND	H	0.0050	1	11/02/2020 13:04
2-Chlorotoluene	ND	H	0.0050	1	11/02/2020 13:04
4-Chlorotoluene	ND	H	0.0050	1	11/02/2020 13:04
Dibromochloromethane	ND	H	0.0050	1	11/02/2020 13:04
1,2-Dibromo-3-chloropropane	ND	H	0.00050	1	11/02/2020 13:04
1,2-Dibromoethane (EDB)	ND	H	0.00025	1	11/02/2020 13:04
Dibromomethane	ND	H	0.0050	1	11/02/2020 13:04
1,2-Dichlorobenzene	ND	H	0.0050	1	11/02/2020 13:04
1,3-Dichlorobenzene	ND	H	0.0050	1	11/02/2020 13:04
1,4-Dichlorobenzene	ND	H	0.0050	1	11/02/2020 13:04
Dichlorodifluoromethane	ND	H	0.0050	1	11/02/2020 13:04
1,1-Dichloroethane	ND	H	0.0050	1	11/02/2020 13:04
1,2-Dichloroethane (1,2-DCA)	ND	H	0.00010	1	11/02/2020 13:04
1,1-Dichloroethene	ND	H	0.0050	1	11/02/2020 13:04
cis-1,2-Dichloroethene	ND	H	0.0050	1	11/02/2020 13:04
trans-1,2-Dichloroethene	ND	H	0.0050	1	11/02/2020 13:04
1,2-Dichloropropane	ND	H	0.0050	1	11/02/2020 13:04
1,3-Dichloropropane	ND	H	0.0050	1	11/02/2020 13:04
2,2-Dichloropropane	ND	H	0.0050	1	11/02/2020 13:04

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-2.5-3	2010637-022A	Soil	10/12/2020 11:51	GC28 11022010.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	H	0.0050	1	11/02/2020 13:04
cis-1,3-Dichloropropene	ND	H	0.0050	1	11/02/2020 13:04
trans-1,3-Dichloropropene	ND	H	0.0050	1	11/02/2020 13:04
Diisopropyl ether (DIPE)	ND	H	0.0050	1	11/02/2020 13:04
Ethylbenzene	ND	H	0.0050	1	11/02/2020 13:04
Ethyl tert-butyl ether (ETBE)	ND	H	0.0050	1	11/02/2020 13:04
Freon 113	ND	H	0.0050	1	11/02/2020 13:04
Hexachlorobutadiene	ND	H	0.0050	1	11/02/2020 13:04
Hexachloroethane	ND	H	0.0050	1	11/02/2020 13:04
2-Hexanone	ND	H	0.0050	1	11/02/2020 13:04
Isopropylbenzene	ND	H	0.0050	1	11/02/2020 13:04
4-Isopropyl toluene	ND	H	0.0050	1	11/02/2020 13:04
Methyl-t-butyl ether (MTBE)	ND	H	0.0050	1	11/02/2020 13:04
Methylene chloride	ND	H	0.020	1	11/02/2020 13:04
4-Methyl-2-pentanone (MIBK)	ND	H	0.0050	1	11/02/2020 13:04
Naphthalene	ND	H	0.0050	1	11/02/2020 13:04
n-Propyl benzene	ND	H	0.0050	1	11/02/2020 13:04
Styrene	ND	H	0.0050	1	11/02/2020 13:04
1,1,1,2-Tetrachloroethane	ND	H	0.0050	1	11/02/2020 13:04
1,1,2,2-Tetrachloroethane	ND	H	0.0050	1	11/02/2020 13:04
Tetrachloroethene	ND	H	0.0050	1	11/02/2020 13:04
Toluene	ND	H	0.0050	1	11/02/2020 13:04
1,2,3-Trichlorobenzene	ND	H	0.0050	1	11/02/2020 13:04
1,2,4-Trichlorobenzene	ND	H	0.0050	1	11/02/2020 13:04
1,1,1-Trichloroethane	ND	H	0.0050	1	11/02/2020 13:04
1,1,2-Trichloroethane	ND	H	0.0050	1	11/02/2020 13:04
Trichloroethene	ND	H	0.0050	1	11/02/2020 13:04
Trichlorofluoromethane	ND	H	0.0050	1	11/02/2020 13:04
1,2,3-Trichloropropane	ND	H	0.00025	1	11/02/2020 13:04
1,2,4-Trimethylbenzene	ND	H	0.0050	1	11/02/2020 13:04
1,3,5-Trimethylbenzene	ND	H	0.0050	1	11/02/2020 13:04
Vinyl Chloride	ND	H	0.00025	1	11/02/2020 13:04
m,p-Xylene	ND	H	0.0050	1	11/02/2020 13:04
o-Xylene	ND	H	0.0050	1	11/02/2020 13:04
Xylenes, Total	ND	H	0.0050	1	11/02/2020 13:04

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-2.5-3	2010637-022A	Soil	10/12/2020 11:51	GC28 11022010.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
Dibromofluoromethane	113	H	82-136		11/02/2020 13:04
Toluene-d8	121	H	92-139		11/02/2020 13:04
4-BFB	135	H	82-135		11/02/2020 13:04
Benzene-d6	102	H	55-122		11/02/2020 13:04
Ethylbenzene-d10	105	H	58-141		11/02/2020 13:04
1,2-DCB-d4	89	H	51-107		11/02/2020 13:04

Analyst(s): TW

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-4.5-5	2010637-023A	Soil	10/12/2020 11:52	GC28 11022011.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND	H	0.20	1	11/02/2020 13:47
tert-Amyl methyl ether (TAME)	ND	H	0.0050	1	11/02/2020 13:47
Benzene	ND	H	0.0050	1	11/02/2020 13:47
Bromobenzene	ND	H	0.0050	1	11/02/2020 13:47
Bromochloromethane	ND	H	0.0050	1	11/02/2020 13:47
Bromodichloromethane	ND	H	0.0050	1	11/02/2020 13:47
Bromoform	ND	H	0.0050	1	11/02/2020 13:47
Bromomethane	ND	H	0.0050	1	11/02/2020 13:47
2-Butanone (MEK)	ND	H	0.050	1	11/02/2020 13:47
t-Butyl alcohol (TBA)	ND	H	0.050	1	11/02/2020 13:47
n-Butyl benzene	ND	H	0.0050	1	11/02/2020 13:47
sec-Butyl benzene	ND	H	0.0050	1	11/02/2020 13:47
tert-Butyl benzene	ND	H	0.0050	1	11/02/2020 13:47
Carbon Disulfide	ND	H	0.0050	1	11/02/2020 13:47
Carbon Tetrachloride	ND	H	0.0050	1	11/02/2020 13:47
Chlorobenzene	ND	H	0.0050	1	11/02/2020 13:47
Chloroethane	ND	H	0.0050	1	11/02/2020 13:47
Chloroform	ND	H	0.0050	1	11/02/2020 13:47
Chloromethane	ND	H	0.0050	1	11/02/2020 13:47
2-Chlorotoluene	ND	H	0.0050	1	11/02/2020 13:47
4-Chlorotoluene	ND	H	0.0050	1	11/02/2020 13:47
Dibromochloromethane	ND	H	0.0050	1	11/02/2020 13:47
1,2-Dibromo-3-chloropropane	ND	H	0.00050	1	11/02/2020 13:47
1,2-Dibromoethane (EDB)	ND	H	0.00025	1	11/02/2020 13:47
Dibromomethane	ND	H	0.0050	1	11/02/2020 13:47
1,2-Dichlorobenzene	ND	H	0.0050	1	11/02/2020 13:47
1,3-Dichlorobenzene	ND	H	0.0050	1	11/02/2020 13:47
1,4-Dichlorobenzene	ND	H	0.0050	1	11/02/2020 13:47
Dichlorodifluoromethane	ND	H	0.0050	1	11/02/2020 13:47
1,1-Dichloroethane	ND	H	0.0050	1	11/02/2020 13:47
1,2-Dichloroethane (1,2-DCA)	ND	H	0.00010	1	11/02/2020 13:47
1,1-Dichloroethene	ND	H	0.0050	1	11/02/2020 13:47
cis-1,2-Dichloroethene	ND	H	0.0050	1	11/02/2020 13:47
trans-1,2-Dichloroethene	ND	H	0.0050	1	11/02/2020 13:47
1,2-Dichloropropane	ND	H	0.0050	1	11/02/2020 13:47
1,3-Dichloropropane	ND	H	0.0050	1	11/02/2020 13:47
2,2-Dichloropropane	ND	H	0.0050	1	11/02/2020 13:47

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-4.5-5	2010637-023A	Soil	10/12/2020 11:52	GC28 11022011.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	H	0.0050	1	11/02/2020 13:47
cis-1,3-Dichloropropene	ND	H	0.0050	1	11/02/2020 13:47
trans-1,3-Dichloropropene	ND	H	0.0050	1	11/02/2020 13:47
Diisopropyl ether (DIPE)	ND	H	0.0050	1	11/02/2020 13:47
Ethylbenzene	ND	H	0.0050	1	11/02/2020 13:47
Ethyl tert-butyl ether (ETBE)	ND	H	0.0050	1	11/02/2020 13:47
Freon 113	ND	H	0.0050	1	11/02/2020 13:47
Hexachlorobutadiene	ND	H	0.0050	1	11/02/2020 13:47
Hexachloroethane	ND	H	0.0050	1	11/02/2020 13:47
2-Hexanone	ND	H	0.0050	1	11/02/2020 13:47
Isopropylbenzene	ND	H	0.0050	1	11/02/2020 13:47
4-Isopropyl toluene	ND	H	0.0050	1	11/02/2020 13:47
Methyl-t-butyl ether (MTBE)	ND	H	0.0050	1	11/02/2020 13:47
Methylene chloride	ND	H	0.020	1	11/02/2020 13:47
4-Methyl-2-pentanone (MIBK)	ND	H	0.0050	1	11/02/2020 13:47
Naphthalene	ND	H	0.0050	1	11/02/2020 13:47
n-Propyl benzene	ND	H	0.0050	1	11/02/2020 13:47
Styrene	ND	H	0.0050	1	11/02/2020 13:47
1,1,1,2-Tetrachloroethane	ND	H	0.0050	1	11/02/2020 13:47
1,1,2,2-Tetrachloroethane	ND	H	0.0050	1	11/02/2020 13:47
Tetrachloroethene	ND	H	0.0050	1	11/02/2020 13:47
Toluene	ND	H	0.0050	1	11/02/2020 13:47
1,2,3-Trichlorobenzene	ND	H	0.0050	1	11/02/2020 13:47
1,2,4-Trichlorobenzene	ND	H	0.0050	1	11/02/2020 13:47
1,1,1-Trichloroethane	ND	H	0.0050	1	11/02/2020 13:47
1,1,2-Trichloroethane	ND	H	0.0050	1	11/02/2020 13:47
Trichloroethene	ND	H	0.0050	1	11/02/2020 13:47
Trichlorofluoromethane	ND	H	0.0050	1	11/02/2020 13:47
1,2,3-Trichloropropane	ND	H	0.00025	1	11/02/2020 13:47
1,2,4-Trimethylbenzene	ND	H	0.0050	1	11/02/2020 13:47
1,3,5-Trimethylbenzene	ND	H	0.0050	1	11/02/2020 13:47
Vinyl Chloride	ND	H	0.00025	1	11/02/2020 13:47
m,p-Xylene	ND	H	0.0050	1	11/02/2020 13:47
o-Xylene	ND	H	0.0050	1	11/02/2020 13:47
Xylenes, Total	ND	H	0.0050	1	11/02/2020 13:47

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-4.5-5	2010637-023A	Soil	10/12/2020 11:52	GC28 11022011.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
Dibromofluoromethane	112	H	82-136		11/02/2020 13:47
Toluene-d8	120	H	92-139		11/02/2020 13:47
4-BFB	131	H	82-135		11/02/2020 13:47
Benzene-d6	102	H	55-122		11/02/2020 13:47
Ethylbenzene-d10	105	H	58-141		11/02/2020 13:47
1,2-DCB-d4	86	H	51-107		11/02/2020 13:47

Analyst(s): TW

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-1-1.5	2010637-026A	Soil	10/12/2020 12:15	GC28 11022012.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND	H	0.20	1	11/02/2020 14:30
tert-Amyl methyl ether (TAME)	ND	H	0.0050	1	11/02/2020 14:30
Benzene	ND	H	0.0050	1	11/02/2020 14:30
Bromobenzene	ND	H	0.0050	1	11/02/2020 14:30
Bromochloromethane	ND	H	0.0050	1	11/02/2020 14:30
Bromodichloromethane	ND	H	0.0050	1	11/02/2020 14:30
Bromoform	ND	H	0.0050	1	11/02/2020 14:30
Bromomethane	ND	H	0.0050	1	11/02/2020 14:30
2-Butanone (MEK)	ND	H	0.050	1	11/02/2020 14:30
t-Butyl alcohol (TBA)	ND	H	0.050	1	11/02/2020 14:30
n-Butyl benzene	ND	H	0.0050	1	11/02/2020 14:30
sec-Butyl benzene	ND	H	0.0050	1	11/02/2020 14:30
tert-Butyl benzene	ND	H	0.0050	1	11/02/2020 14:30
Carbon Disulfide	ND	H	0.0050	1	11/02/2020 14:30
Carbon Tetrachloride	ND	H	0.0050	1	11/02/2020 14:30
Chlorobenzene	ND	H	0.0050	1	11/02/2020 14:30
Chloroethane	ND	H	0.0050	1	11/02/2020 14:30
Chloroform	ND	H	0.0050	1	11/02/2020 14:30
Chloromethane	ND	H	0.0050	1	11/02/2020 14:30
2-Chlorotoluene	ND	H	0.0050	1	11/02/2020 14:30
4-Chlorotoluene	ND	H	0.0050	1	11/02/2020 14:30
Dibromochloromethane	ND	H	0.0050	1	11/02/2020 14:30
1,2-Dibromo-3-chloropropane	ND	H	0.00050	1	11/02/2020 14:30
1,2-Dibromoethane (EDB)	ND	H	0.00025	1	11/02/2020 14:30
Dibromomethane	ND	H	0.0050	1	11/02/2020 14:30
1,2-Dichlorobenzene	ND	H	0.0050	1	11/02/2020 14:30
1,3-Dichlorobenzene	ND	H	0.0050	1	11/02/2020 14:30
1,4-Dichlorobenzene	ND	H	0.0050	1	11/02/2020 14:30
Dichlorodifluoromethane	ND	H	0.0050	1	11/02/2020 14:30
1,1-Dichloroethane	ND	H	0.0050	1	11/02/2020 14:30
1,2-Dichloroethane (1,2-DCA)	ND	H	0.00010	1	11/02/2020 14:30
1,1-Dichloroethene	ND	H	0.0050	1	11/02/2020 14:30
cis-1,2-Dichloroethene	ND	H	0.0050	1	11/02/2020 14:30
trans-1,2-Dichloroethene	ND	H	0.0050	1	11/02/2020 14:30
1,2-Dichloropropane	ND	H	0.0050	1	11/02/2020 14:30
1,3-Dichloropropane	ND	H	0.0050	1	11/02/2020 14:30
2,2-Dichloropropane	ND	H	0.0050	1	11/02/2020 14:30

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-1-1.5	2010637-026A	Soil	10/12/2020 12:15	GC28 11022012.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	H	0.0050	1	11/02/2020 14:30
cis-1,3-Dichloropropene	ND	H	0.0050	1	11/02/2020 14:30
trans-1,3-Dichloropropene	ND	H	0.0050	1	11/02/2020 14:30
Diisopropyl ether (DIPE)	ND	H	0.0050	1	11/02/2020 14:30
Ethylbenzene	ND	H	0.0050	1	11/02/2020 14:30
Ethyl tert-butyl ether (ETBE)	ND	H	0.0050	1	11/02/2020 14:30
Freon 113	ND	H	0.0050	1	11/02/2020 14:30
Hexachlorobutadiene	ND	H	0.0050	1	11/02/2020 14:30
Hexachloroethane	ND	H	0.0050	1	11/02/2020 14:30
2-Hexanone	ND	H	0.0050	1	11/02/2020 14:30
Isopropylbenzene	ND	H	0.0050	1	11/02/2020 14:30
4-Isopropyl toluene	ND	H	0.0050	1	11/02/2020 14:30
Methyl-t-butyl ether (MTBE)	ND	H	0.0050	1	11/02/2020 14:30
Methylene chloride	ND	H	0.020	1	11/02/2020 14:30
4-Methyl-2-pentanone (MIBK)	ND	H	0.0050	1	11/02/2020 14:30
Naphthalene	ND	H	0.0050	1	11/02/2020 14:30
n-Propyl benzene	ND	H	0.0050	1	11/02/2020 14:30
Styrene	ND	H	0.0050	1	11/02/2020 14:30
1,1,1,2-Tetrachloroethane	ND	H	0.0050	1	11/02/2020 14:30
1,1,2,2-Tetrachloroethane	ND	H	0.0050	1	11/02/2020 14:30
Tetrachloroethene	ND	H	0.0050	1	11/02/2020 14:30
Toluene	ND	H	0.0050	1	11/02/2020 14:30
1,2,3-Trichlorobenzene	ND	H	0.0050	1	11/02/2020 14:30
1,2,4-Trichlorobenzene	ND	H	0.0050	1	11/02/2020 14:30
1,1,1-Trichloroethane	ND	H	0.0050	1	11/02/2020 14:30
1,1,2-Trichloroethane	ND	H	0.0050	1	11/02/2020 14:30
Trichloroethene	ND	H	0.0050	1	11/02/2020 14:30
Trichlorofluoromethane	ND	H	0.0050	1	11/02/2020 14:30
1,2,3-Trichloropropane	ND	H	0.00025	1	11/02/2020 14:30
1,2,4-Trimethylbenzene	ND	H	0.0050	1	11/02/2020 14:30
1,3,5-Trimethylbenzene	ND	H	0.0050	1	11/02/2020 14:30
Vinyl Chloride	ND	H	0.00025	1	11/02/2020 14:30
m,p-Xylene	ND	H	0.0050	1	11/02/2020 14:30
o-Xylene	ND	H	0.0050	1	11/02/2020 14:30
Xylenes, Total	ND	H	0.0050	1	11/02/2020 14:30

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-1-1.5	2010637-026A	Soil	10/12/2020 12:15	GC28 11022012.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
Dibromofluoromethane	106	H	82-136		11/02/2020 14:30
Toluene-d8	120	H	92-139		11/02/2020 14:30
4-BFB	128	H	82-135		11/02/2020 14:30
Benzene-d6	104	H	55-122		11/02/2020 14:30
Ethylbenzene-d10	106	H	58-141		11/02/2020 14:30
1,2-DCB-d4	89	H	51-107		11/02/2020 14:30

Analyst(s): TW

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-2.5-3	2010637-027A	Soil	10/12/2020 12:22	GC28 11022013.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND	H	0.20	1	11/02/2020 15:13
tert-Amyl methyl ether (TAME)	ND	H	0.0050	1	11/02/2020 15:13
Benzene	ND	H	0.0050	1	11/02/2020 15:13
Bromobenzene	ND	H	0.0050	1	11/02/2020 15:13
Bromochloromethane	ND	H	0.0050	1	11/02/2020 15:13
Bromodichloromethane	ND	H	0.0050	1	11/02/2020 15:13
Bromoform	ND	H	0.0050	1	11/02/2020 15:13
Bromomethane	ND	H	0.0050	1	11/02/2020 15:13
2-Butanone (MEK)	ND	H	0.050	1	11/02/2020 15:13
t-Butyl alcohol (TBA)	ND	H	0.050	1	11/02/2020 15:13
n-Butyl benzene	ND	H	0.0050	1	11/02/2020 15:13
sec-Butyl benzene	ND	H	0.0050	1	11/02/2020 15:13
tert-Butyl benzene	ND	H	0.0050	1	11/02/2020 15:13
Carbon Disulfide	ND	H	0.0050	1	11/02/2020 15:13
Carbon Tetrachloride	ND	H	0.0050	1	11/02/2020 15:13
Chlorobenzene	ND	H	0.0050	1	11/02/2020 15:13
Chloroethane	ND	H	0.0050	1	11/02/2020 15:13
Chloroform	ND	H	0.0050	1	11/02/2020 15:13
Chloromethane	ND	H	0.0050	1	11/02/2020 15:13
2-Chlorotoluene	ND	H	0.0050	1	11/02/2020 15:13
4-Chlorotoluene	ND	H	0.0050	1	11/02/2020 15:13
Dibromochloromethane	ND	H	0.0050	1	11/02/2020 15:13
1,2-Dibromo-3-chloropropane	ND	H	0.00050	1	11/02/2020 15:13
1,2-Dibromoethane (EDB)	ND	H	0.00025	1	11/02/2020 15:13
Dibromomethane	ND	H	0.0050	1	11/02/2020 15:13
1,2-Dichlorobenzene	ND	H	0.0050	1	11/02/2020 15:13
1,3-Dichlorobenzene	ND	H	0.0050	1	11/02/2020 15:13
1,4-Dichlorobenzene	ND	H	0.0050	1	11/02/2020 15:13
Dichlorodifluoromethane	ND	H	0.0050	1	11/02/2020 15:13
1,1-Dichloroethane	ND	H	0.0050	1	11/02/2020 15:13
1,2-Dichloroethane (1,2-DCA)	ND	H	0.00010	1	11/02/2020 15:13
1,1-Dichloroethene	ND	H	0.0050	1	11/02/2020 15:13
cis-1,2-Dichloroethene	ND	H	0.0050	1	11/02/2020 15:13
trans-1,2-Dichloroethene	ND	H	0.0050	1	11/02/2020 15:13
1,2-Dichloropropane	ND	H	0.0050	1	11/02/2020 15:13
1,3-Dichloropropane	ND	H	0.0050	1	11/02/2020 15:13
2,2-Dichloropropane	ND	H	0.0050	1	11/02/2020 15:13

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-2.5-3	2010637-027A	Soil	10/12/2020 12:22	GC28 11022013.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	H	0.0050	1	11/02/2020 15:13
cis-1,3-Dichloropropene	ND	H	0.0050	1	11/02/2020 15:13
trans-1,3-Dichloropropene	ND	H	0.0050	1	11/02/2020 15:13
Diisopropyl ether (DIPE)	ND	H	0.0050	1	11/02/2020 15:13
Ethylbenzene	ND	H	0.0050	1	11/02/2020 15:13
Ethyl tert-butyl ether (ETBE)	ND	H	0.0050	1	11/02/2020 15:13
Freon 113	ND	H	0.0050	1	11/02/2020 15:13
Hexachlorobutadiene	ND	H	0.0050	1	11/02/2020 15:13
Hexachloroethane	ND	H	0.0050	1	11/02/2020 15:13
2-Hexanone	ND	H	0.0050	1	11/02/2020 15:13
Isopropylbenzene	ND	H	0.0050	1	11/02/2020 15:13
4-Isopropyl toluene	ND	H	0.0050	1	11/02/2020 15:13
Methyl-t-butyl ether (MTBE)	ND	H	0.0050	1	11/02/2020 15:13
Methylene chloride	ND	H	0.020	1	11/02/2020 15:13
4-Methyl-2-pentanone (MIBK)	ND	H	0.0050	1	11/02/2020 15:13
Naphthalene	ND	H	0.0050	1	11/02/2020 15:13
n-Propyl benzene	ND	H	0.0050	1	11/02/2020 15:13
Styrene	ND	H	0.0050	1	11/02/2020 15:13
1,1,1,2-Tetrachloroethane	ND	H	0.0050	1	11/02/2020 15:13
1,1,2,2-Tetrachloroethane	ND	H	0.0050	1	11/02/2020 15:13
Tetrachloroethene	ND	H	0.0050	1	11/02/2020 15:13
Toluene	ND	H	0.0050	1	11/02/2020 15:13
1,2,3-Trichlorobenzene	ND	H	0.0050	1	11/02/2020 15:13
1,2,4-Trichlorobenzene	ND	H	0.0050	1	11/02/2020 15:13
1,1,1-Trichloroethane	ND	H	0.0050	1	11/02/2020 15:13
1,1,2-Trichloroethane	ND	H	0.0050	1	11/02/2020 15:13
Trichloroethene	ND	H	0.0050	1	11/02/2020 15:13
Trichlorofluoromethane	ND	H	0.0050	1	11/02/2020 15:13
1,2,3-Trichloropropane	ND	H	0.00025	1	11/02/2020 15:13
1,2,4-Trimethylbenzene	ND	H	0.0050	1	11/02/2020 15:13
1,3,5-Trimethylbenzene	ND	H	0.0050	1	11/02/2020 15:13
Vinyl Chloride	ND	H	0.00025	1	11/02/2020 15:13
m,p-Xylene	ND	H	0.0050	1	11/02/2020 15:13
o-Xylene	ND	H	0.0050	1	11/02/2020 15:13
Xylenes, Total	ND	H	0.0050	1	11/02/2020 15:13

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-2.5-3	2010637-027A	Soil	10/12/2020 12:22	GC28 11022013.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
Dibromofluoromethane	112	H	82-136		11/02/2020 15:13
Toluene-d8	120	H	92-139		11/02/2020 15:13
4-BFB	134	H	82-135		11/02/2020 15:13
Benzene-d6	103	H	55-122		11/02/2020 15:13
Ethylbenzene-d10	107	H	58-141		11/02/2020 15:13
1,2-DCB-d4	91	H	51-107		11/02/2020 15:13

Analyst(s): TW

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-9.5-10	2010637-029A	Soil	10/12/2020 12:28	GC28 11022014.D	208144

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND	H	0.20	1	11/02/2020 15:56
tert-Amyl methyl ether (TAME)	ND	H	0.0050	1	11/02/2020 15:56
Benzene	ND	H	0.0050	1	11/02/2020 15:56
Bromobenzene	ND	H	0.0050	1	11/02/2020 15:56
Bromochloromethane	ND	H	0.0050	1	11/02/2020 15:56
Bromodichloromethane	ND	H	0.0050	1	11/02/2020 15:56
Bromoform	ND	H	0.0050	1	11/02/2020 15:56
Bromomethane	ND	H	0.0050	1	11/02/2020 15:56
2-Butanone (MEK)	ND	H	0.050	1	11/02/2020 15:56
t-Butyl alcohol (TBA)	ND	H	0.050	1	11/02/2020 15:56
n-Butyl benzene	ND	H	0.0050	1	11/02/2020 15:56
sec-Butyl benzene	ND	H	0.0050	1	11/02/2020 15:56
tert-Butyl benzene	ND	H	0.0050	1	11/02/2020 15:56
Carbon Disulfide	ND	H	0.0050	1	11/02/2020 15:56
Carbon Tetrachloride	ND	H	0.0050	1	11/02/2020 15:56
Chlorobenzene	ND	H	0.0050	1	11/02/2020 15:56
Chloroethane	ND	H	0.0050	1	11/02/2020 15:56
Chloroform	ND	H	0.0050	1	11/02/2020 15:56
Chloromethane	ND	H	0.0050	1	11/02/2020 15:56
2-Chlorotoluene	ND	H	0.0050	1	11/02/2020 15:56
4-Chlorotoluene	ND	H	0.0050	1	11/02/2020 15:56
Dibromochloromethane	ND	H	0.0050	1	11/02/2020 15:56
1,2-Dibromo-3-chloropropane	ND	H	0.00050	1	11/02/2020 15:56
1,2-Dibromoethane (EDB)	ND	H	0.00025	1	11/02/2020 15:56
Dibromomethane	ND	H	0.0050	1	11/02/2020 15:56
1,2-Dichlorobenzene	ND	H	0.0050	1	11/02/2020 15:56
1,3-Dichlorobenzene	ND	H	0.0050	1	11/02/2020 15:56
1,4-Dichlorobenzene	ND	H	0.0050	1	11/02/2020 15:56
Dichlorodifluoromethane	ND	H	0.0050	1	11/02/2020 15:56
1,1-Dichloroethane	ND	H	0.0050	1	11/02/2020 15:56
1,2-Dichloroethane (1,2-DCA)	ND	H	0.00010	1	11/02/2020 15:56
1,1-Dichloroethene	ND	H	0.0050	1	11/02/2020 15:56
cis-1,2-Dichloroethene	ND	H	0.0050	1	11/02/2020 15:56
trans-1,2-Dichloroethene	ND	H	0.0050	1	11/02/2020 15:56
1,2-Dichloropropane	ND	H	0.0050	1	11/02/2020 15:56
1,3-Dichloropropane	ND	H	0.0050	1	11/02/2020 15:56
2,2-Dichloropropane	ND	H	0.0050	1	11/02/2020 15:56

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-9.5-10	2010637-029A	Soil	10/12/2020 12:28	GC28 11022014.D	208144

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	H	0.0050	1	11/02/2020 15:56
cis-1,3-Dichloropropene	ND	H	0.0050	1	11/02/2020 15:56
trans-1,3-Dichloropropene	ND	H	0.0050	1	11/02/2020 15:56
Diisopropyl ether (DIPE)	ND	H	0.0050	1	11/02/2020 15:56
Ethylbenzene	ND	H	0.0050	1	11/02/2020 15:56
Ethyl tert-butyl ether (ETBE)	ND	H	0.0050	1	11/02/2020 15:56
Freon 113	ND	H	0.0050	1	11/02/2020 15:56
Hexachlorobutadiene	ND	H	0.0050	1	11/02/2020 15:56
Hexachloroethane	ND	H	0.0050	1	11/02/2020 15:56
2-Hexanone	ND	H	0.0050	1	11/02/2020 15:56
Isopropylbenzene	ND	H	0.0050	1	11/02/2020 15:56
4-Isopropyl toluene	ND	H	0.0050	1	11/02/2020 15:56
Methyl-t-butyl ether (MTBE)	ND	H	0.0050	1	11/02/2020 15:56
Methylene chloride	ND	H	0.020	1	11/02/2020 15:56
4-Methyl-2-pentanone (MIBK)	ND	H	0.0050	1	11/02/2020 15:56
Naphthalene	ND	H	0.0050	1	11/02/2020 15:56
n-Propyl benzene	ND	H	0.0050	1	11/02/2020 15:56
Styrene	ND	H	0.0050	1	11/02/2020 15:56
1,1,1,2-Tetrachloroethane	ND	H	0.0050	1	11/02/2020 15:56
1,1,2,2-Tetrachloroethane	ND	H	0.0050	1	11/02/2020 15:56
Tetrachloroethene	ND	H	0.0050	1	11/02/2020 15:56
Toluene	ND	H	0.0050	1	11/02/2020 15:56
1,2,3-Trichlorobenzene	ND	H	0.0050	1	11/02/2020 15:56
1,2,4-Trichlorobenzene	ND	H	0.0050	1	11/02/2020 15:56
1,1,1-Trichloroethane	ND	H	0.0050	1	11/02/2020 15:56
1,1,2-Trichloroethane	ND	H	0.0050	1	11/02/2020 15:56
Trichloroethene	ND	H	0.0050	1	11/02/2020 15:56
Trichlorofluoromethane	ND	H	0.0050	1	11/02/2020 15:56
1,2,3-Trichloropropane	ND	H	0.00025	1	11/02/2020 15:56
1,2,4-Trimethylbenzene	ND	H	0.0050	1	11/02/2020 15:56
1,3,5-Trimethylbenzene	ND	H	0.0050	1	11/02/2020 15:56
Vinyl Chloride	ND	H	0.00025	1	11/02/2020 15:56
m,p-Xylene	ND	H	0.0050	1	11/02/2020 15:56
o-Xylene	ND	H	0.0050	1	11/02/2020 15:56
Xylenes, Total	ND	H	0.0050	1	11/02/2020 15:56

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-9.5-10	2010637-029A	Soil	10/12/2020 12:28	GC28 11022014.D	208144

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
Dibromofluoromethane	110	H	82-136		11/02/2020 15:56
Toluene-d8	119	H	92-139		11/02/2020 15:56
4-BFB	128	H	82-135		11/02/2020 15:56
Benzene-d6	99	H	55-122		11/02/2020 15:56
Ethylbenzene-d10	103	H	58-141		11/02/2020 15:56
1,2-DCB-d4	86	H	51-107		11/02/2020 15:56

Analyst(s): TW

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-1-1.5	2010637-001A	Soil	10/12/2020 08:15	GC21 10292030.D	208194

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1-Methylnaphthalene	ND	H	0.013	10	10/29/2020 19:18
Acenaphthene	ND	H	0.013	10	10/29/2020 19:18
Acenaphthylene	**0.024**	H	0.013	10	10/29/2020 19:18
Acetochlor	ND	H	2.5	10	10/29/2020 19:18
Anthracene	**0.029**	H	0.013	10	10/29/2020 19:18
Benzidine	ND	H	12	10	10/29/2020 19:18
Benzo (a) anthracene	ND	H	0.13	10	10/29/2020 19:18
Benzo (a) pyrene	**0.13**	H	0.025	10	10/29/2020 19:18
Benzo (b) fluoranthene	**0.13**	H	0.063	10	10/29/2020 19:18
Benzo (g,h,i) perylene	**0.13**	H	0.025	10	10/29/2020 19:18
Benzo (k) fluoranthene	**0.059**	H	0.013	10	10/29/2020 19:18
Benzyl Alcohol	ND	H	12	10	10/29/2020 19:18
1,1-Biphenyl	ND	H	0.13	10	10/29/2020 19:18
Bis (2-chloroethoxy) Methane	ND	H	2.5	10	10/29/2020 19:18
Bis (2-chloroethyl) Ether	ND	H	0.013	10	10/29/2020 19:18
Bis (2-chloroisopropyl) Ether	ND	H	0.013	10	10/29/2020 19:18
Bis (2-ethylhexyl) Adipate	ND	H	2.5	10	10/29/2020 19:18
Bis (2-ethylhexyl) Phthalate	ND	H	0.25	10	10/29/2020 19:18
4-Bromophenyl Phenyl Ether	ND	H	2.5	10	10/29/2020 19:18
Butylbenzyl Phthalate	ND	H	0.25	10	10/29/2020 19:18
4-Chloroaniline	ND	H	0.025	10	10/29/2020 19:18
4-Chloro-3-methylphenol	ND	H	2.5	10	10/29/2020 19:18
2-Chloronaphthalene	ND	H	2.5	10	10/29/2020 19:18
2-Chlorophenol	ND	H	0.13	10	10/29/2020 19:18
4-Chlorophenyl Phenyl Ether	ND	H	2.5	10	10/29/2020 19:18
Chrysene	**0.090**	H	0.025	10	10/29/2020 19:18
Dibenzo (a,h) anthracene	**0.035**	H	0.025	10	10/29/2020 19:18
Dibenzofuran	ND	H	2.5	10	10/29/2020 19:18
Di-n-butyl Phthalate	ND	H	0.13	10	10/29/2020 19:18
1,2-Dichlorobenzene	ND	H	2.5	10	10/29/2020 19:18
1,3-Dichlorobenzene	ND	H	2.5	10	10/29/2020 19:18
1,4-Dichlorobenzene	ND	H	2.5	10	10/29/2020 19:18
3,3-Dichlorobenzidine	ND	H	0.025	10	10/29/2020 19:18
2,4-Dichlorophenol	ND	H	0.013	10	10/29/2020 19:18
Diethyl Phthalate	ND	H	0.13	10	10/29/2020 19:18
2,4-Dimethylphenol	ND	H	2.5	10	10/29/2020 19:18
Dimethyl Phthalate	ND	H	0.025	10	10/29/2020 19:18

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-1-1.5	2010637-001A	Soil	10/12/2020 08:15	GC21 10292030.D	208194

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
4,6-Dinitro-2-methylphenol	ND	H	12	10	10/29/2020 19:18
2,4-Dinitrophenol	ND	H	2.5	10	10/29/2020 19:18
2,4-Dinitrotoluene	ND	H	0.13	10	10/29/2020 19:18
2,6-Dinitrotoluene	ND	H	0.13	10	10/29/2020 19:18
Di-n-octyl Phthalate	ND	H	0.13	10	10/29/2020 19:18
1,2-Diphenylhydrazine	ND	H	2.5	10	10/29/2020 19:18
Fluoranthene	**0.14**	H	0.013	10	10/29/2020 19:18
Fluorene	ND	H	0.025	10	10/29/2020 19:18
Hexachlorobenzene	ND	H	0.013	10	10/29/2020 19:18
Hexachlorobutadiene	ND	H	0.025	10	10/29/2020 19:18
Hexachlorocyclopentadiene	ND	H	20	10	10/29/2020 19:18
Hexachloroethane	ND	H	0.13	10	10/29/2020 19:18
Indeno (1,2,3-cd) pyrene	ND	H	0.13	10	10/29/2020 19:18
Isophorone	ND	H	2.5	10	10/29/2020 19:18
2-Methylnaphthalene	ND	H	0.025	10	10/29/2020 19:18
2-Methylphenol (o-Cresol)	ND	H	2.5	10	10/29/2020 19:18
3 & 4-Methylphenol (m,p-Cresol)	ND	H	2.5	10	10/29/2020 19:18
Naphthalene	ND	H	0.013	10	10/29/2020 19:18
2-Nitroaniline	ND	H	12	10	10/29/2020 19:18
3-Nitroaniline	ND	H	12	10	10/29/2020 19:18
4-Nitroaniline	ND	H	12	10	10/29/2020 19:18
Nitrobenzene	ND	H	2.5	10	10/29/2020 19:18
2-Nitrophenol	ND	H	12	10	10/29/2020 19:18
4-Nitrophenol	ND	H	12	10	10/29/2020 19:18
N-Nitrosodimethylamine	ND	H	12	10	10/29/2020 19:18
N-Nitrosodiphenylamine	ND	H	2.5	10	10/29/2020 19:18
N-Nitrosodi-n-propylamine	ND	H	2.5	10	10/29/2020 19:18
Pentachlorophenol	ND	H	0.62	10	10/29/2020 19:18
Phenanthrene	**0.072**	H	0.050	10	10/29/2020 19:18
Phenol	ND	H	0.50	10	10/29/2020 19:18
Pyrene	**0.15**	H	0.025	10	10/29/2020 19:18
Pyridine	ND	H	2.5	10	10/29/2020 19:18
1,2,4-Trichlorobenzene	ND	H	2.5	10	10/29/2020 19:18
2,4,5-Trichlorophenol	ND	H	0.025	10	10/29/2020 19:18
2,4,6-Trichlorophenol	ND	H	0.13	10	10/29/2020 19:18

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-1-1.5	**2010637-001A**	**Soil**	**10/12/2020 08:15**	**GC21 10292030.D**	**208194**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
2-Fluorophenol	163	SH	60-130		10/29/2020 19:18
Phenol-d5	154	SH	60-130		10/29/2020 19:18
Nitrobenzene-d5	165	SH	60-130		10/29/2020 19:18
2-Fluorobiphenyl	140	SH	60-130		10/29/2020 19:18
2,4,6-Tribromophenol	126	H	50-130		10/29/2020 19:18
4-Terphenyl-d14	160	SH	50-130		10/29/2020 19:18

Analyst(s): AK Analytical Comments: c1,c2

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-2.5-3	2010637-002A	Soil	10/12/2020 08:18	GC21 10292031.D	208194

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1-Methylnaphthalene	ND	H	0.0065	5	10/29/2020 19:45
Acenaphthene	ND	H	0.0065	5	10/29/2020 19:45
Acenaphthylene	**0.013**	H	0.0065	5	10/29/2020 19:45
Acetochlor	ND	H	1.2	5	10/29/2020 19:45
Anthracene	**0.011**	H	0.0065	5	10/29/2020 19:45
Benzidine	ND	H	6.2	5	10/29/2020 19:45
Benzo (a) anthracene	**0.071**	H	0.065	5	10/29/2020 19:45
Benzo (a) pyrene	**0.11**	H	0.012	5	10/29/2020 19:45
Benzo (b) fluoranthene	**0.11**	H	0.032	5	10/29/2020 19:45
Benzo (g,h,i) perylene	**0.10**	H	0.012	5	10/29/2020 19:45
Benzo (k) fluoranthene	**0.034**	H	0.0065	5	10/29/2020 19:45
Benzyl Alcohol	ND	H	6.2	5	10/29/2020 19:45
1,1-Biphenyl	ND	H	0.065	5	10/29/2020 19:45
Bis (2-chloroethoxy) Methane	ND	H	1.2	5	10/29/2020 19:45
Bis (2-chloroethyl) Ether	ND	H	0.0065	5	10/29/2020 19:45
Bis (2-chloroisopropyl) Ether	ND	H	0.0065	5	10/29/2020 19:45
Bis (2-ethylhexyl) Adipate	ND	H	1.2	5	10/29/2020 19:45
Bis (2-ethylhexyl) Phthalate	ND	H	0.12	5	10/29/2020 19:45
4-Bromophenyl Phenyl Ether	ND	H	1.2	5	10/29/2020 19:45
Butylbenzyl Phthalate	ND	H	0.12	5	10/29/2020 19:45
4-Chloroaniline	ND	H	0.012	5	10/29/2020 19:45
4-Chloro-3-methylphenol	ND	H	1.2	5	10/29/2020 19:45
2-Chloronaphthalene	ND	H	1.2	5	10/29/2020 19:45
2-Chlorophenol	ND	H	0.065	5	10/29/2020 19:45
4-Chlorophenyl Phenyl Ether	ND	H	1.2	5	10/29/2020 19:45
Chrysene	**0.067**	H	0.012	5	10/29/2020 19:45
Dibenzo (a,h) anthracene	**0.023**	H	0.012	5	10/29/2020 19:45
Dibenzofuran	ND	H	1.2	5	10/29/2020 19:45
Di-n-butyl Phthalate	ND	H	0.065	5	10/29/2020 19:45
1,2-Dichlorobenzene	ND	H	1.2	5	10/29/2020 19:45
1,3-Dichlorobenzene	ND	H	1.2	5	10/29/2020 19:45
1,4-Dichlorobenzene	ND	H	1.2	5	10/29/2020 19:45
3,3-Dichlorobenzidine	ND	H	0.012	5	10/29/2020 19:45
2,4-Dichlorophenol	ND	H	0.0065	5	10/29/2020 19:45
Diethyl Phthalate	ND	H	0.065	5	10/29/2020 19:45
2,4-Dimethylphenol	ND	H	1.2	5	10/29/2020 19:45
Dimethyl Phthalate	ND	H	0.012	5	10/29/2020 19:45

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-2.5-3	2010637-002A	Soil	10/12/2020 08:18	GC21 10292031.D	208194

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
4,6-Dinitro-2-methylphenol	ND	H	6.2	5	10/29/2020 19:45
2,4-Dinitrophenol	ND	H	1.2	5	10/29/2020 19:45
2,4-Dinitrotoluene	ND	H	0.065	5	10/29/2020 19:45
2,6-Dinitrotoluene	ND	H	0.065	5	10/29/2020 19:45
Di-n-octyl Phthalate	ND	H	0.065	5	10/29/2020 19:45
1,2-Diphenylhydrazine	ND	H	1.2	5	10/29/2020 19:45
Fluoranthene	**0.13**	H	0.0065	5	10/29/2020 19:45
Fluorene	ND	H	0.012	5	10/29/2020 19:45
Hexachlorobenzene	ND	H	0.0065	5	10/29/2020 19:45
Hexachlorobutadiene	ND	H	0.012	5	10/29/2020 19:45
Hexachlorocyclopentadiene	ND	H	10	5	10/29/2020 19:45
Hexachloroethane	ND	H	0.065	5	10/29/2020 19:45
Indeno (1,2,3-cd) pyrene	**0.093**	H	0.065	5	10/29/2020 19:45
Isophorone	ND	H	1.2	5	10/29/2020 19:45
2-Methylnaphthalene	ND	H	0.012	5	10/29/2020 19:45
2-Methylphenol (o-Cresol)	ND	H	1.2	5	10/29/2020 19:45
3 & 4-Methylphenol (m,p-Cresol)	ND	H	1.2	5	10/29/2020 19:45
Naphthalene	ND	H	0.0065	5	10/29/2020 19:45
2-Nitroaniline	ND	H	6.2	5	10/29/2020 19:45
3-Nitroaniline	ND	H	6.2	5	10/29/2020 19:45
4-Nitroaniline	ND	H	6.2	5	10/29/2020 19:45
Nitrobenzene	ND	H	1.2	5	10/29/2020 19:45
2-Nitrophenol	ND	H	6.2	5	10/29/2020 19:45
4-Nitrophenol	ND	H	6.2	5	10/29/2020 19:45
N-Nitrosodimethylamine	ND	H	6.2	5	10/29/2020 19:45
N-Nitrosodiphenylamine	ND	H	1.2	5	10/29/2020 19:45
N-Nitrosodi-n-propylamine	ND	H	1.2	5	10/29/2020 19:45
Pentachlorophenol	ND	H	0.31	5	10/29/2020 19:45
Phenanthrene	**0.048**	H	0.025	5	10/29/2020 19:45
Phenol	ND	H	0.25	5	10/29/2020 19:45
Pyrene	**0.14**	H	0.012	5	10/29/2020 19:45
Pyridine	ND	H	1.2	5	10/29/2020 19:45
1,2,4-Trichlorobenzene	ND	H	1.2	5	10/29/2020 19:45
2,4,5-Trichlorophenol	ND	H	0.012	5	10/29/2020 19:45
2,4,6-Trichlorophenol	ND	H	0.065	5	10/29/2020 19:45

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-2.5-3	**2010637-002A**	**Soil**	**10/12/2020 08:18**	**GC21 10292031.D**	**208194**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
2-Fluorophenol	147	SH	60-130		10/29/2020 19:45
Phenol-d5	163	SH	60-130		10/29/2020 19:45
Nitrobenzene-d5	145	SH	60-130		10/29/2020 19:45
2-Fluorobiphenyl	133	SH	60-130		10/29/2020 19:45
2,4,6-Tribromophenol	127	H	50-130		10/29/2020 19:45
4-Terphenyl-d14	170	SH	50-130		10/29/2020 19:45

Analyst(s): AK Analytical Comments: c1,c2

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-14.5-15	2010637-005A	Soil	10/12/2020 08:26	GC21 10292032.D	208194

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1-Methylnaphthalene	ND	H	0.0026	2	10/29/2020 20:12
Acenaphthene	ND	H	0.0026	2	10/29/2020 20:12
Acenaphthylene	ND	H	0.0026	2	10/29/2020 20:12
Acetochlor	ND	H	0.50	2	10/29/2020 20:12
Anthracene	**0.0031**	H	0.0026	2	10/29/2020 20:12
Benzidine	ND	H	2.5	2	10/29/2020 20:12
Benzo (a) anthracene	ND	H	0.026	2	10/29/2020 20:12
Benzo (a) pyrene	**0.014**	H	0.0050	2	10/29/2020 20:12
Benzo (b) fluoranthene	ND	H	0.013	2	10/29/2020 20:12
Benzo (g,h,i) perylene	**0.011**	H	0.0050	2	10/29/2020 20:12
Benzo (k) fluoranthene	**0.0036**	H	0.0026	2	10/29/2020 20:12
Benzyl Alcohol	ND	H	2.5	2	10/29/2020 20:12
1,1-Biphenyl	ND	H	0.026	2	10/29/2020 20:12
Bis (2-chloroethoxy) Methane	ND	H	0.50	2	10/29/2020 20:12
Bis (2-chloroethyl) Ether	ND	H	0.0026	2	10/29/2020 20:12
Bis (2-chloroisopropyl) Ether	ND	H	0.0026	2	10/29/2020 20:12
Bis (2-ethylhexyl) Adipate	ND	H	0.50	2	10/29/2020 20:12
Bis (2-ethylhexyl) Phthalate	ND	H	0.050	2	10/29/2020 20:12
4-Bromophenyl Phenyl Ether	ND	H	0.50	2	10/29/2020 20:12
Butylbenzyl Phthalate	ND	H	0.050	2	10/29/2020 20:12
4-Chloroaniline	ND	H	0.0050	2	10/29/2020 20:12
4-Chloro-3-methylphenol	ND	H	0.50	2	10/29/2020 20:12
2-Chloronaphthalene	ND	H	0.50	2	10/29/2020 20:12
2-Chlorophenol	ND	H	0.026	2	10/29/2020 20:12
4-Chlorophenyl Phenyl Ether	ND	H	0.50	2	10/29/2020 20:12
Chrysene	**0.015**	H	0.0050	2	10/29/2020 20:12
Dibenzo (a,h) anthracene	ND	H	0.0050	2	10/29/2020 20:12
Dibenzofuran	ND	H	0.50	2	10/29/2020 20:12
Di-n-butyl Phthalate	ND	H	0.026	2	10/29/2020 20:12
1,2-Dichlorobenzene	ND	H	0.50	2	10/29/2020 20:12
1,3-Dichlorobenzene	ND	H	0.50	2	10/29/2020 20:12
1,4-Dichlorobenzene	ND	H	0.50	2	10/29/2020 20:12
3,3-Dichlorobenzidine	ND	H	0.0050	2	10/29/2020 20:12
2,4-Dichlorophenol	ND	H	0.0026	2	10/29/2020 20:12
Diethyl Phthalate	ND	H	0.026	2	10/29/2020 20:12
2,4-Dimethylphenol	ND	H	0.50	2	10/29/2020 20:12
Dimethyl Phthalate	ND	H	0.0050	2	10/29/2020 20:12

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-14.5-15	2010637-005A	Soil	10/12/2020 08:26	GC21 10292032.D	208194

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
4,6-Dinitro-2-methylphenol	ND	H	2.5	2	10/29/2020 20:12
2,4-Dinitrophenol	ND	H	0.50	2	10/29/2020 20:12
2,4-Dinitrotoluene	ND	H	0.026	2	10/29/2020 20:12
2,6-Dinitrotoluene	ND	H	0.026	2	10/29/2020 20:12
Di-n-octyl Phthalate	ND	H	0.026	2	10/29/2020 20:12
1,2-Diphenylhydrazine	ND	H	0.50	2	10/29/2020 20:12
Fluoranthene	**0.0099**	H	0.0026	2	10/29/2020 20:12
Fluorene	ND	H	0.0050	2	10/29/2020 20:12
Hexachlorobenzene	ND	H	0.0026	2	10/29/2020 20:12
Hexachlorobutadiene	ND	H	0.0050	2	10/29/2020 20:12
Hexachlorocyclopentadiene	ND	H	4.0	2	10/29/2020 20:12
Hexachloroethane	ND	H	0.026	2	10/29/2020 20:12
Indeno (1,2,3-cd) pyrene	ND	H	0.026	2	10/29/2020 20:12
Isophorone	ND	H	0.50	2	10/29/2020 20:12
2-Methylnaphthalene	ND	H	0.0050	2	10/29/2020 20:12
2-Methylphenol (o-Cresol)	ND	H	0.50	2	10/29/2020 20:12
3 & 4-Methylphenol (m,p-Cresol)	ND	H	0.50	2	10/29/2020 20:12
Naphthalene	ND	H	0.0026	2	10/29/2020 20:12
2-Nitroaniline	ND	H	2.5	2	10/29/2020 20:12
3-Nitroaniline	ND	H	2.5	2	10/29/2020 20:12
4-Nitroaniline	ND	H	2.5	2	10/29/2020 20:12
Nitrobenzene	ND	H	0.50	2	10/29/2020 20:12
2-Nitrophenol	ND	H	2.5	2	10/29/2020 20:12
4-Nitrophenol	ND	H	2.5	2	10/29/2020 20:12
N-Nitrosodimethylamine	ND	H	2.5	2	10/29/2020 20:12
N-Nitrosodiphenylamine	ND	H	0.50	2	10/29/2020 20:12
N-Nitrosodi-n-propylamine	ND	H	0.50	2	10/29/2020 20:12
Pentachlorophenol	ND	H	0.12	2	10/29/2020 20:12
Phenanthrene	ND	H	0.010	2	10/29/2020 20:12
Phenol	ND	H	0.10	2	10/29/2020 20:12
Pyrene	**0.025**	H	0.0050	2	10/29/2020 20:12
Pyridine	ND	H	0.50	2	10/29/2020 20:12
1,2,4-Trichlorobenzene	ND	H	0.50	2	10/29/2020 20:12
2,4,5-Trichlorophenol	ND	H	0.0050	2	10/29/2020 20:12
2,4,6-Trichlorophenol	ND	H	0.026	2	10/29/2020 20:12

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-14.5-15	**2010637-005A**	**Soil**	**10/12/2020 08:26**	**GC21 10292032.D**	**208194**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
2-Fluorophenol	13	SH	60-130		10/29/2020 20:12
Phenol-d5	24	SH	60-130		10/29/2020 20:12
Nitrobenzene-d5	14	SH	60-130		10/29/2020 20:12
2-Fluorobiphenyl	37	SH	60-130		10/29/2020 20:12
2,4,6-Tribromophenol	61	H	50-130		10/29/2020 20:12
4-Terphenyl-d14	69	H	50-130		10/29/2020 20:12

Analyst(s): AK Analytical Comments: c2

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-1-1.5	2010637-006A	Soil	10/12/2020 09:16	GC21 10292033.D	208194

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1-Methylnaphthalene	**0.0035**	H	0.0026	2	10/29/2020 20:39
Acenaphthene	ND	H	0.0026	2	10/29/2020 20:39
Acenaphthylene	ND	H	0.0026	2	10/29/2020 20:39
Acetochlor	ND	H	0.50	2	10/29/2020 20:39
Anthracene	ND	H	0.0026	2	10/29/2020 20:39
Benzidine	ND	H	2.5	2	10/29/2020 20:39
Benzo (a) anthracene	ND	H	0.026	2	10/29/2020 20:39
Benzo (a) pyrene	**0.0099**	H	0.0050	2	10/29/2020 20:39
Benzo (b) fluoranthene	**0.014**	H	0.013	2	10/29/2020 20:39
Benzo (g,h,i) perylene	**0.015**	H	0.0050	2	10/29/2020 20:39
Benzo (k) fluoranthene	**0.0050**	H	0.0026	2	10/29/2020 20:39
Benzyl Alcohol	ND	H	2.5	2	10/29/2020 20:39
1,1-Biphenyl	ND	H	0.026	2	10/29/2020 20:39
Bis (2-chloroethoxy) Methane	ND	H	0.50	2	10/29/2020 20:39
Bis (2-chloroethyl) Ether	ND	H	0.0026	2	10/29/2020 20:39
Bis (2-chloroisopropyl) Ether	ND	H	0.0026	2	10/29/2020 20:39
Bis (2-ethylhexyl) Adipate	ND	H	0.50	2	10/29/2020 20:39
Bis (2-ethylhexyl) Phthalate	ND	H	0.050	2	10/29/2020 20:39
4-Bromophenyl Phenyl Ether	ND	H	0.50	2	10/29/2020 20:39
Butylbenzyl Phthalate	ND	H	0.050	2	10/29/2020 20:39
4-Chloroaniline	ND	H	0.0050	2	10/29/2020 20:39
4-Chloro-3-methylphenol	ND	H	0.50	2	10/29/2020 20:39
2-Chloronaphthalene	ND	H	0.50	2	10/29/2020 20:39
2-Chlorophenol	ND	H	0.026	2	10/29/2020 20:39
4-Chlorophenyl Phenyl Ether	ND	H	0.50	2	10/29/2020 20:39
Chrysene	**0.0077**	H	0.0050	2	10/29/2020 20:39
Dibenzo (a,h) anthracene	ND	H	0.0050	2	10/29/2020 20:39
Dibenzofuran	ND	H	0.50	2	10/29/2020 20:39
Di-n-butyl Phthalate	ND	H	0.026	2	10/29/2020 20:39
1,2-Dichlorobenzene	ND	H	0.50	2	10/29/2020 20:39
1,3-Dichlorobenzene	ND	H	0.50	2	10/29/2020 20:39
1,4-Dichlorobenzene	ND	H	0.50	2	10/29/2020 20:39
3,3-Dichlorobenzidine	ND	H	0.0050	2	10/29/2020 20:39
2,4-Dichlorophenol	ND	H	0.0026	2	10/29/2020 20:39
Diethyl Phthalate	ND	H	0.026	2	10/29/2020 20:39
2,4-Dimethylphenol	ND	H	0.50	2	10/29/2020 20:39
Dimethyl Phthalate	ND	H	0.0050	2	10/29/2020 20:39

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-1-1.5	2010637-006A	Soil	10/12/2020 09:16	GC21 10292033.D	208194

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
4,6-Dinitro-2-methylphenol	ND	H	2.5	2	10/29/2020 20:39
2,4-Dinitrophenol	ND	H	0.50	2	10/29/2020 20:39
2,4-Dinitrotoluene	ND	H	0.026	2	10/29/2020 20:39
2,6-Dinitrotoluene	ND	H	0.026	2	10/29/2020 20:39
Di-n-octyl Phthalate	ND	H	0.026	2	10/29/2020 20:39
1,2-Diphenylhydrazine	ND	H	0.50	2	10/29/2020 20:39
Fluoranthene	**0.0090**	H	0.0026	2	10/29/2020 20:39
Fluorene	ND	H	0.0050	2	10/29/2020 20:39
Hexachlorobenzene	ND	H	0.0026	2	10/29/2020 20:39
Hexachlorobutadiene	ND	H	0.0050	2	10/29/2020 20:39
Hexachlorocyclopentadiene	ND	H	4.0	2	10/29/2020 20:39
Hexachloroethane	ND	H	0.026	2	10/29/2020 20:39
Indeno (1,2,3-cd) pyrene	ND	H	0.026	2	10/29/2020 20:39
Isophorone	ND	H	0.50	2	10/29/2020 20:39
2-Methylnaphthalene	ND	H	0.0050	2	10/29/2020 20:39
2-Methylphenol (o-Cresol)	ND	H	0.50	2	10/29/2020 20:39
3 & 4-Methylphenol (m,p-Cresol)	ND	H	0.50	2	10/29/2020 20:39
Naphthalene	ND	H	0.0026	2	10/29/2020 20:39
2-Nitroaniline	ND	H	2.5	2	10/29/2020 20:39
3-Nitroaniline	ND	H	2.5	2	10/29/2020 20:39
4-Nitroaniline	ND	H	2.5	2	10/29/2020 20:39
Nitrobenzene	ND	H	0.50	2	10/29/2020 20:39
2-Nitrophenol	ND	H	2.5	2	10/29/2020 20:39
4-Nitrophenol	ND	H	2.5	2	10/29/2020 20:39
N-Nitrosodimethylamine	ND	H	2.5	2	10/29/2020 20:39
N-Nitrosodiphenylamine	ND	H	0.50	2	10/29/2020 20:39
N-Nitrosodi-n-propylamine	ND	H	0.50	2	10/29/2020 20:39
Pentachlorophenol	ND	H	0.12	2	10/29/2020 20:39
Phenanthrene	**0.013**	H	0.010	2	10/29/2020 20:39
Phenol	ND	H	0.10	2	10/29/2020 20:39
Pyrene	**0.0091**	H	0.0050	2	10/29/2020 20:39
Pyridine	ND	H	0.50	2	10/29/2020 20:39
1,2,4-Trichlorobenzene	ND	H	0.50	2	10/29/2020 20:39
2,4,5-Trichlorophenol	ND	H	0.0050	2	10/29/2020 20:39
2,4,6-Trichlorophenol	ND	H	0.026	2	10/29/2020 20:39

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-1-1.5	**2010637-006A**	**Soil**	**10/12/2020 09:16**	**GC21 10292033.D**	**208194**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
2-Fluorophenol	64	H	60-130		10/29/2020 20:39
Phenol-d5	66	H	60-130		10/29/2020 20:39
Nitrobenzene-d5	61	H	60-130		10/29/2020 20:39
2-Fluorobiphenyl	50	SH	60-130		10/29/2020 20:39
2,4,6-Tribromophenol	55	H	50-130		10/29/2020 20:39
4-Terphenyl-d14	61	H	50-130		10/29/2020 20:39

Analyst(s): AK Analytical Comments: c2

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-2.5-3	2010637-007A	Soil	10/12/2020 09:17	GC17 10302013.D	208413

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1-Methylnaphthalene	**0.0026**	H	0.0013	1	10/30/2020 10:49
Acenaphthene	ND	H	0.0013	1	10/30/2020 10:49
Acenaphthylene	ND	H	0.0013	1	10/30/2020 10:49
Acetochlor	ND	H	0.25	1	10/30/2020 10:49
Anthracene	ND	H	0.0013	1	10/30/2020 10:49
Benzidine	ND	H	1.2	1	10/30/2020 10:49
Benzo (a) anthracene	ND	H	0.013	1	10/30/2020 10:49
Benzo (a) pyrene	ND	H	0.0025	1	10/30/2020 10:49
Benzo (b) fluoranthene	ND	H	0.0063	1	10/30/2020 10:49
Benzo (g,h,i) perylene	ND	H	0.0025	1	10/30/2020 10:49
Benzo (k) fluoranthene	ND	H	0.0013	1	10/30/2020 10:49
Benzyl Alcohol	ND	H	1.2	1	10/30/2020 10:49
1,1-Biphenyl	ND	H	0.013	1	10/30/2020 10:49
Bis (2-chloroethoxy) Methane	ND	H	0.25	1	10/30/2020 10:49
Bis (2-chloroethyl) Ether	ND	H	0.0013	1	10/30/2020 10:49
Bis (2-chloroisopropyl) Ether	ND	H	0.0013	1	10/30/2020 10:49
Bis (2-ethylhexyl) Adipate	ND	H	0.25	1	10/30/2020 10:49
Bis (2-ethylhexyl) Phthalate	ND	H	0.025	1	10/30/2020 10:49
4-Bromophenyl Phenyl Ether	ND	H	0.25	1	10/30/2020 10:49
Butylbenzyl Phthalate	ND	H	0.025	1	10/30/2020 10:49
4-Chloroaniline	ND	H	0.0025	1	10/30/2020 10:49
4-Chloro-3-methylphenol	ND	H	0.25	1	10/30/2020 10:49
2-Chloronaphthalene	ND	H	0.25	1	10/30/2020 10:49
2-Chlorophenol	ND	H	0.013	1	10/30/2020 10:49
4-Chlorophenyl Phenyl Ether	ND	H	0.25	1	10/30/2020 10:49
Chrysene	ND	H	0.0025	1	10/30/2020 10:49
Dibenzo (a,h) anthracene	ND	H	0.0025	1	10/30/2020 10:49
Dibenzofuran	ND	H	0.25	1	10/30/2020 10:49
Di-n-butyl Phthalate	ND	H	0.013	1	10/30/2020 10:49
1,2-Dichlorobenzene	ND	H	0.25	1	10/30/2020 10:49
1,3-Dichlorobenzene	ND	H	0.25	1	10/30/2020 10:49
1,4-Dichlorobenzene	ND	H	0.25	1	10/30/2020 10:49
3,3-Dichlorobenzidine	ND	H	0.0025	1	10/30/2020 10:49
2,4-Dichlorophenol	ND	H	0.0013	1	10/30/2020 10:49
Diethyl Phthalate	ND	H	0.013	1	10/30/2020 10:49
2,4-Dimethylphenol	ND	H	0.25	1	10/30/2020 10:49
Dimethyl Phthalate	ND	H	0.0025	1	10/30/2020 10:49

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-2.5-3	2010637-007A	Soil	10/12/2020 09:17	GC17 10302013.D	208413

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
4,6-Dinitro-2-methylphenol	ND	H	1.2	1	10/30/2020 10:49
2,4-Dinitrophenol	ND	H	0.25	1	10/30/2020 10:49
2,4-Dinitrotoluene	ND	H	0.013	1	10/30/2020 10:49
2,6-Dinitrotoluene	ND	H	0.013	1	10/30/2020 10:49
Di-n-octyl Phthalate	ND	H	0.013	1	10/30/2020 10:49
1,2-Diphenylhydrazine	ND	H	0.25	1	10/30/2020 10:49
Fluoranthene	**0.0020**	H	0.0013	1	10/30/2020 10:49
Fluorene	ND	H	0.0025	1	10/30/2020 10:49
Hexachlorobenzene	ND	H	0.0013	1	10/30/2020 10:49
Hexachlorobutadiene	ND	H	0.0025	1	10/30/2020 10:49
Hexachlorocyclopentadiene	ND	H	2.0	1	10/30/2020 10:49
Hexachloroethane	ND	H	0.013	1	10/30/2020 10:49
Indeno (1,2,3-cd) pyrene	ND	H	0.013	1	10/30/2020 10:49
Isophorone	ND	H	0.25	1	10/30/2020 10:49
2-Methylnaphthalene	**0.0026**	H	0.0025	1	10/30/2020 10:49
2-Methylphenol (o-Cresol)	ND	H	0.25	1	10/30/2020 10:49
3 & 4-Methylphenol (m,p-Cresol)	ND	H	0.25	1	10/30/2020 10:49
Naphthalene	**0.0015**	H	0.0013	1	10/30/2020 10:49
2-Nitroaniline	ND	H	1.2	1	10/30/2020 10:49
3-Nitroaniline	ND	H	1.2	1	10/30/2020 10:49
4-Nitroaniline	ND	H	1.2	1	10/30/2020 10:49
Nitrobenzene	ND	H	0.25	1	10/30/2020 10:49
2-Nitrophenol	ND	H	1.2	1	10/30/2020 10:49
4-Nitrophenol	ND	H	1.2	1	10/30/2020 10:49
N-Nitrosodimethylamine	ND	H	1.2	1	10/30/2020 10:49
N-Nitrosodiphenylamine	ND	H	0.25	1	10/30/2020 10:49
N-Nitrosodi-n-propylamine	ND	H	0.25	1	10/30/2020 10:49
Pentachlorophenol	ND	H	0.062	1	10/30/2020 10:49
Phenanthrene	**0.0077**	H	0.0050	1	10/30/2020 10:49
Phenol	ND	H	0.050	1	10/30/2020 10:49
Pyrene	ND	H	0.0025	1	10/30/2020 10:49
Pyridine	ND	H	0.25	1	10/30/2020 10:49
1,2,4-Trichlorobenzene	ND	H	0.25	1	10/30/2020 10:49
2,4,5-Trichlorophenol	ND	H	0.0025	1	10/30/2020 10:49
2,4,6-Trichlorophenol	ND	H	0.013	1	10/30/2020 10:49

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-2.5-3	2010637-007A	Soil	10/12/2020 09:17	GC17 10302013.D	208413

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
2-Fluorophenol	73	H	60-130		10/30/2020 10:49
Phenol-d5	73	H	60-130		10/30/2020 10:49
Nitrobenzene-d5	73	H	60-130		10/30/2020 10:49
2-Fluorobiphenyl	63	H	60-130		10/30/2020 10:49
2,4,6-Tribromophenol	58	H	50-130		10/30/2020 10:49
4-Terphenyl-d14	65	H	50-130		10/30/2020 10:49

Analyst(s): AK

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-9.5-10	2010637-009A	Soil	10/12/2020 09:22	GC21 10292035.D	208194

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1-Methylnaphthalene	**0.0016**	H	0.0013	1	10/29/2020 21:33
Acenaphthene	ND	H	0.0013	1	10/29/2020 21:33
Acenaphthylene	ND	H	0.0013	1	10/29/2020 21:33
Acetochlor	ND	H	0.25	1	10/29/2020 21:33
Anthracene	ND	H	0.0013	1	10/29/2020 21:33
Benzidine	ND	H	1.2	1	10/29/2020 21:33
Benzo (a) anthracene	ND	H	0.013	1	10/29/2020 21:33
Benzo (a) pyrene	**0.0031**	H	0.0025	1	10/29/2020 21:33
Benzo (b) fluoranthene	ND	H	0.0063	1	10/29/2020 21:33
Benzo (g,h,i) perylene	**0.0044**	H	0.0025	1	10/29/2020 21:33
Benzo (k) fluoranthene	**0.0014**	H	0.0013	1	10/29/2020 21:33
Benzyl Alcohol	ND	H	1.2	1	10/29/2020 21:33
1,1-Biphenyl	ND	H	0.013	1	10/29/2020 21:33
Bis (2-chloroethoxy) Methane	ND	H	0.25	1	10/29/2020 21:33
Bis (2-chloroethyl) Ether	ND	H	0.0013	1	10/29/2020 21:33
Bis (2-chloroisopropyl) Ether	ND	H	0.0013	1	10/29/2020 21:33
Bis (2-ethylhexyl) Adipate	ND	H	0.25	1	10/29/2020 21:33
Bis (2-ethylhexyl) Phthalate	ND	H	0.025	1	10/29/2020 21:33
4-Bromophenyl Phenyl Ether	ND	H	0.25	1	10/29/2020 21:33
Butylbenzyl Phthalate	ND	H	0.025	1	10/29/2020 21:33
4-Chloroaniline	ND	H	0.0025	1	10/29/2020 21:33
4-Chloro-3-methylphenol	ND	H	0.25	1	10/29/2020 21:33
2-Chloronaphthalene	ND	H	0.25	1	10/29/2020 21:33
2-Chlorophenol	ND	H	0.013	1	10/29/2020 21:33
4-Chlorophenyl Phenyl Ether	ND	H	0.25	1	10/29/2020 21:33
Chrysene	**0.0032**	H	0.0025	1	10/29/2020 21:33
Dibenzo (a,h) anthracene	ND	H	0.0025	1	10/29/2020 21:33
Dibenzofuran	ND	H	0.25	1	10/29/2020 21:33
Di-n-butyl Phthalate	ND	H	0.013	1	10/29/2020 21:33
1,2-Dichlorobenzene	ND	H	0.25	1	10/29/2020 21:33
1,3-Dichlorobenzene	ND	H	0.25	1	10/29/2020 21:33
1,4-Dichlorobenzene	ND	H	0.25	1	10/29/2020 21:33
3,3-Dichlorobenzidine	ND	H	0.0025	1	10/29/2020 21:33
2,4-Dichlorophenol	ND	H	0.0013	1	10/29/2020 21:33
Diethyl Phthalate	ND	H	0.013	1	10/29/2020 21:33
2,4-Dimethylphenol	ND	H	0.25	1	10/29/2020 21:33
Dimethyl Phthalate	ND	H	0.0025	1	10/29/2020 21:33

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-9.5-10	2010637-009A	Soil	10/12/2020 09:22	GC21 10292035.D	208194

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
4,6-Dinitro-2-methylphenol	ND	H	1.2	1	10/29/2020 21:33
2,4-Dinitrophenol	ND	H	0.25	1	10/29/2020 21:33
2,4-Dinitrotoluene	ND	H	0.013	1	10/29/2020 21:33
2,6-Dinitrotoluene	ND	H	0.013	1	10/29/2020 21:33
Di-n-octyl Phthalate	ND	H	0.013	1	10/29/2020 21:33
1,2-Diphenylhydrazine	ND	H	0.25	1	10/29/2020 21:33
Fluoranthene	**0.0032**	H	0.0013	1	10/29/2020 21:33
Fluorene	ND	H	0.0025	1	10/29/2020 21:33
Hexachlorobenzene	ND	H	0.0013	1	10/29/2020 21:33
Hexachlorobutadiene	ND	H	0.0025	1	10/29/2020 21:33
Hexachlorocyclopentadiene	ND	H	2.0	1	10/29/2020 21:33
Hexachloroethane	ND	H	0.013	1	10/29/2020 21:33
Indeno (1,2,3-cd) pyrene	ND	H	0.013	1	10/29/2020 21:33
Isophorone	ND	H	0.25	1	10/29/2020 21:33
2-Methylnaphthalene	ND	H	0.0025	1	10/29/2020 21:33
2-Methylphenol (o-Cresol)	ND	H	0.25	1	10/29/2020 21:33
3 & 4-Methylphenol (m,p-Cresol)	ND	H	0.25	1	10/29/2020 21:33
Naphthalene	ND	H	0.0013	1	10/29/2020 21:33
2-Nitroaniline	ND	H	1.2	1	10/29/2020 21:33
3-Nitroaniline	ND	H	1.2	1	10/29/2020 21:33
4-Nitroaniline	ND	H	1.2	1	10/29/2020 21:33
Nitrobenzene	ND	H	0.25	1	10/29/2020 21:33
2-Nitrophenol	ND	H	1.2	1	10/29/2020 21:33
4-Nitrophenol	ND	H	1.2	1	10/29/2020 21:33
N-Nitrosodimethylamine	ND	H	1.2	1	10/29/2020 21:33
N-Nitrosodiphenylamine	ND	H	0.25	1	10/29/2020 21:33
N-Nitrosodi-n-propylamine	ND	H	0.25	1	10/29/2020 21:33
Pentachlorophenol	ND	H	0.062	1	10/29/2020 21:33
Phenanthrene	**0.0084**	H	0.0050	1	10/29/2020 21:33
Phenol	ND	H	0.050	1	10/29/2020 21:33
Pyrene	**0.0051**	H	0.0025	1	10/29/2020 21:33
Pyridine	ND	H	0.25	1	10/29/2020 21:33
1,2,4-Trichlorobenzene	ND	H	0.25	1	10/29/2020 21:33
2,4,5-Trichlorophenol	ND	H	0.0025	1	10/29/2020 21:33
2,4,6-Trichlorophenol	ND	H	0.013	1	10/29/2020 21:33

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-9.5-10	2010637-009A	Soil	10/12/2020 09:22	GC21 10292035.D	208194

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
2-Fluorophenol	5	SH	60-130		10/29/2020 21:33
Phenol-d5	16	SH	60-130		10/29/2020 21:33
Nitrobenzene-d5	8	SH	60-130		10/29/2020 21:33
2-Fluorobiphenyl	31	SH	60-130		10/29/2020 21:33
2,4,6-Tribromophenol	49	SH	50-130		10/29/2020 21:33
4-Terphenyl-d14	78	H	50-130		10/29/2020 21:33

Analyst(s): AK Analytical Comments: c1,c2

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-1-1.5	2010637-011A	Soil	10/12/2020 10:04	GC17 10302012.D	208261

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1-Methylnaphthalene	ND	H	0.0013	1	10/30/2020 10:23
Acenaphthene	ND	H	0.0013	1	10/30/2020 10:23
Acenaphthylene	**0.0022**	H	0.0013	1	10/30/2020 10:23
Acetochlor	ND	H	0.25	1	10/30/2020 10:23
Anthracene	**0.0016**	H	0.0013	1	10/30/2020 10:23
Benzidine	ND	H	1.2	1	10/30/2020 10:23
Benzo (a) anthracene	ND	H	0.013	1	10/30/2020 10:23
Benzo (a) pyrene	**0.012**	H	0.0025	1	10/30/2020 10:23
Benzo (b) fluoranthene	**0.013**	H	0.0063	1	10/30/2020 10:23
Benzo (g,h,i) perylene	**0.011**	H	0.0025	1	10/30/2020 10:23
Benzo (k) fluoranthene	**0.0045**	H	0.0013	1	10/30/2020 10:23
Benzyl Alcohol	ND	H	1.2	1	10/30/2020 10:23
1,1-Biphenyl	ND	H	0.013	1	10/30/2020 10:23
Bis (2-chloroethoxy) Methane	ND	H	0.25	1	10/30/2020 10:23
Bis (2-chloroethyl) Ether	ND	H	0.0013	1	10/30/2020 10:23
Bis (2-chloroisopropyl) Ether	ND	H	0.0013	1	10/30/2020 10:23
Bis (2-ethylhexyl) Adipate	ND	H	0.25	1	10/30/2020 10:23
Bis (2-ethylhexyl) Phthalate	ND	H	0.025	1	10/30/2020 10:23
4-Bromophenyl Phenyl Ether	ND	H	0.25	1	10/30/2020 10:23
Butylbenzyl Phthalate	ND	H	0.025	1	10/30/2020 10:23
4-Chloroaniline	ND	H	0.0025	1	10/30/2020 10:23
4-Chloro-3-methylphenol	ND	H	0.25	1	10/30/2020 10:23
2-Chloronaphthalene	ND	H	0.25	1	10/30/2020 10:23
2-Chlorophenol	ND	H	0.013	1	10/30/2020 10:23
4-Chlorophenyl Phenyl Ether	ND	H	0.25	1	10/30/2020 10:23
Chrysene	**0.0096**	H	0.0025	1	10/30/2020 10:23
Dibenzo (a,h) anthracene	**0.0029**	H	0.0025	1	10/30/2020 10:23
Dibenzofuran	ND	H	0.25	1	10/30/2020 10:23
Di-n-butyl Phthalate	ND	H	0.013	1	10/30/2020 10:23
1,2-Dichlorobenzene	ND	H	0.25	1	10/30/2020 10:23
1,3-Dichlorobenzene	ND	H	0.25	1	10/30/2020 10:23
1,4-Dichlorobenzene	ND	H	0.25	1	10/30/2020 10:23
3,3-Dichlorobenzidine	ND	H	0.0025	1	10/30/2020 10:23
2,4-Dichlorophenol	ND	H	0.0013	1	10/30/2020 10:23
Diethyl Phthalate	ND	H	0.013	1	10/30/2020 10:23
2,4-Dimethylphenol	ND	H	0.25	1	10/30/2020 10:23
Dimethyl Phthalate	ND	H	0.0025	1	10/30/2020 10:23

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-1-1.5	2010637-011A	Soil	10/12/2020 10:04	GC17 10302012.D	208261

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
4,6-Dinitro-2-methylphenol	ND	H	1.2	1	10/30/2020 10:23
2,4-Dinitrophenol	ND	H	0.25	1	10/30/2020 10:23
2,4-Dinitrotoluene	ND	H	0.013	1	10/30/2020 10:23
2,6-Dinitrotoluene	ND	H	0.013	1	10/30/2020 10:23
Di-n-octyl Phthalate	ND	H	0.013	1	10/30/2020 10:23
1,2-Diphenylhydrazine	ND	H	0.25	1	10/30/2020 10:23
Fluoranthene	**0.015**	H	0.0013	1	10/30/2020 10:23
Fluorene	ND	H	0.0025	1	10/30/2020 10:23
Hexachlorobenzene	ND	H	0.0013	1	10/30/2020 10:23
Hexachlorobutadiene	ND	H	0.0025	1	10/30/2020 10:23
Hexachlorocyclopentadiene	ND	H	2.0	1	10/30/2020 10:23
Hexachloroethane	ND	H	0.013	1	10/30/2020 10:23
Indeno (1,2,3-cd) pyrene	ND	H	0.013	1	10/30/2020 10:23
Isophorone	ND	H	0.25	1	10/30/2020 10:23
2-Methylnaphthalene	ND	H	0.0025	1	10/30/2020 10:23
2-Methylphenol (o-Cresol)	ND	H	0.25	1	10/30/2020 10:23
3 & 4-Methylphenol (m,p-Cresol)	ND	H	0.25	1	10/30/2020 10:23
Naphthalene	ND	H	0.0013	1	10/30/2020 10:23
2-Nitroaniline	ND	H	1.2	1	10/30/2020 10:23
3-Nitroaniline	ND	H	1.2	1	10/30/2020 10:23
4-Nitroaniline	ND	H	1.2	1	10/30/2020 10:23
Nitrobenzene	ND	H	0.25	1	10/30/2020 10:23
2-Nitrophenol	ND	H	1.2	1	10/30/2020 10:23
4-Nitrophenol	ND	H	1.2	1	10/30/2020 10:23
N-Nitrosodimethylamine	ND	H	1.2	1	10/30/2020 10:23
N-Nitrosodiphenylamine	ND	H	0.25	1	10/30/2020 10:23
N-Nitrosodi-n-propylamine	ND	H	0.25	1	10/30/2020 10:23
Pentachlorophenol	ND	H	0.062	1	10/30/2020 10:23
Phenanthrene	**0.0092**	H	0.0050	1	10/30/2020 10:23
Phenol	ND	H	0.050	1	10/30/2020 10:23
Pyrene	**0.016**	H	0.0025	1	10/30/2020 10:23
Pyridine	ND	H	0.25	1	10/30/2020 10:23
1,2,4-Trichlorobenzene	ND	H	0.25	1	10/30/2020 10:23
2,4,5-Trichlorophenol	ND	H	0.0025	1	10/30/2020 10:23
2,4,6-Trichlorophenol	ND	H	0.013	1	10/30/2020 10:23

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-1-1.5	**2010637-011A**	**Soil**	**10/12/2020 10:04**	**GC17 10302012.D**	**208261**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
2-Fluorophenol	54	SH	60-130		10/30/2020 10:23
Phenol-d5	60	H	60-130		10/30/2020 10:23
Nitrobenzene-d5	56	SH	60-130		10/30/2020 10:23
2-Fluorobiphenyl	53	SH	60-130		10/30/2020 10:23
2,4,6-Tribromophenol	45	SH	50-130		10/30/2020 10:23
4-Terphenyl-d14	66	H	50-130		10/30/2020 10:23

Analyst(s): AK Analytical Comments: c2

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-2.5-3	2010637-012A	Soil	10/12/2020 10:07	GC17 10302008.D	208261

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1-Methylnaphthalene	ND	H	0.026	20	10/30/2020 08:38
Acenaphthene	ND	H	0.026	20	10/30/2020 08:38
Acenaphthylene	ND	H	0.026	20	10/30/2020 08:38
Acetochlor	ND	H	5.0	20	10/30/2020 08:38
Anthracene	ND	H	0.026	20	10/30/2020 08:38
Benzidine	ND	H	25	20	10/30/2020 08:38
Benzo (a) anthracene	ND	H	0.26	20	10/30/2020 08:38
Benzo (a) pyrene	ND	H	0.050	20	10/30/2020 08:38
Benzo (b) fluoranthene	ND	H	0.13	20	10/30/2020 08:38
Benzo (g,h,i) perylene	**0.064**	H	0.050	20	10/30/2020 08:38
Benzo (k) fluoranthene	ND	H	0.026	20	10/30/2020 08:38
Benzyl Alcohol	ND	H	25	20	10/30/2020 08:38
1,1-Biphenyl	ND	H	0.26	20	10/30/2020 08:38
Bis (2-chloroethoxy) Methane	ND	H	5.0	20	10/30/2020 08:38
Bis (2-chloroethyl) Ether	ND	H	0.026	20	10/30/2020 08:38
Bis (2-chloroisopropyl) Ether	ND	H	0.026	20	10/30/2020 08:38
Bis (2-ethylhexyl) Adipate	ND	H	5.0	20	10/30/2020 08:38
Bis (2-ethylhexyl) Phthalate	ND	H	0.50	20	10/30/2020 08:38
4-Bromophenyl Phenyl Ether	ND	H	5.0	20	10/30/2020 08:38
Butylbenzyl Phthalate	ND	H	0.50	20	10/30/2020 08:38
4-Chloroaniline	ND	H	0.050	20	10/30/2020 08:38
4-Chloro-3-methylphenol	ND	H	5.0	20	10/30/2020 08:38
2-Chloronaphthalene	ND	H	5.0	20	10/30/2020 08:38
2-Chlorophenol	ND	H	0.26	20	10/30/2020 08:38
4-Chlorophenyl Phenyl Ether	ND	H	5.0	20	10/30/2020 08:38
Chrysene	ND	H	0.050	20	10/30/2020 08:38
Dibenzo (a,h) anthracene	ND	H	0.050	20	10/30/2020 08:38
Dibenzofuran	ND	H	5.0	20	10/30/2020 08:38
Di-n-butyl Phthalate	ND	H	0.26	20	10/30/2020 08:38
1,2-Dichlorobenzene	ND	H	5.0	20	10/30/2020 08:38
1,3-Dichlorobenzene	ND	H	5.0	20	10/30/2020 08:38
1,4-Dichlorobenzene	ND	H	5.0	20	10/30/2020 08:38
3,3-Dichlorobenzidine	ND	H	0.050	20	10/30/2020 08:38
2,4-Dichlorophenol	ND	H	0.026	20	10/30/2020 08:38
Diethyl Phthalate	ND	H	0.26	20	10/30/2020 08:38
2,4-Dimethylphenol	ND	H	5.0	20	10/30/2020 08:38
Dimethyl Phthalate	ND	H	0.050	20	10/30/2020 08:38

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-2.5-3	2010637-012A	Soil	10/12/2020 10:07	GC17 10302008.D	208261

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
4,6-Dinitro-2-methylphenol	ND	H	25	20	10/30/2020 08:38
2,4-Dinitrophenol	ND	H	5.0	20	10/30/2020 08:38
2,4-Dinitrotoluene	ND	H	0.26	20	10/30/2020 08:38
2,6-Dinitrotoluene	ND	H	0.26	20	10/30/2020 08:38
Di-n-octyl Phthalate	ND	H	0.26	20	10/30/2020 08:38
1,2-Diphenylhydrazine	ND	H	5.0	20	10/30/2020 08:38
Fluoranthene	ND	H	0.026	20	10/30/2020 08:38
Fluorene	ND	H	0.050	20	10/30/2020 08:38
Hexachlorobenzene	ND	H	0.026	20	10/30/2020 08:38
Hexachlorobutadiene	ND	H	0.050	20	10/30/2020 08:38
Hexachlorocyclopentadiene	ND	H	40	20	10/30/2020 08:38
Hexachloroethane	ND	H	0.26	20	10/30/2020 08:38
Indeno (1,2,3-cd) pyrene	ND	H	0.26	20	10/30/2020 08:38
Isophorone	ND	H	5.0	20	10/30/2020 08:38
2-Methylnaphthalene	ND	H	0.050	20	10/30/2020 08:38
2-Methylphenol (o-Cresol)	ND	H	5.0	20	10/30/2020 08:38
3 & 4-Methylphenol (m,p-Cresol)	ND	H	5.0	20	10/30/2020 08:38
Naphthalene	ND	H	0.026	20	10/30/2020 08:38
2-Nitroaniline	ND	H	25	20	10/30/2020 08:38
3-Nitroaniline	ND	H	25	20	10/30/2020 08:38
4-Nitroaniline	ND	H	25	20	10/30/2020 08:38
Nitrobenzene	ND	H	5.0	20	10/30/2020 08:38
2-Nitrophenol	ND	H	25	20	10/30/2020 08:38
4-Nitrophenol	ND	H	25	20	10/30/2020 08:38
N-Nitrosodimethylamine	ND	H	25	20	10/30/2020 08:38
N-Nitrosodiphenylamine	ND	H	5.0	20	10/30/2020 08:38
N-Nitrosodi-n-propylamine	ND	H	5.0	20	10/30/2020 08:38
Pentachlorophenol	ND	H	1.2	20	10/30/2020 08:38
Phenanthrene	ND	H	0.10	20	10/30/2020 08:38
Phenol	ND	H	1.0	20	10/30/2020 08:38
Pyrene	ND	H	0.050	20	10/30/2020 08:38
Pyridine	ND	H	5.0	20	10/30/2020 08:38
1,2,4-Trichlorobenzene	ND	H	5.0	20	10/30/2020 08:38
2,4,5-Trichlorophenol	ND	H	0.050	20	10/30/2020 08:38
2,4,6-Trichlorophenol	ND	H	0.26	20	10/30/2020 08:38

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-2.5-3	**2010637-012A**	**Soil**	**10/12/2020 10:07**	**GC17 10302008.D**	**208261**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
2-Fluorophenol	53	SH	60-130		10/30/2020 08:38
Phenol-d5	60	H	60-130		10/30/2020 08:38
Nitrobenzene-d5	51	SH	60-130		10/30/2020 08:38
2-Fluorobiphenyl	56	SH	60-130		10/30/2020 08:38
2,4,6-Tribromophenol	40	SH	50-130		10/30/2020 08:38
4-Terphenyl-d14	71	H	50-130		10/30/2020 08:38

Analyst(s): AK Analytical Comments: a3,c1,c2

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-4.5-5	2010637-013A	Soil	10/12/2020 10:05	GC17 10302009.D	208261

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1-Methylnaphthalene	**0.0055**	H	0.0026	2	10/30/2020 09:04
Acenaphthene	ND	H	0.0026	2	10/30/2020 09:04
Acenaphthylene	**0.0056**	H	0.0026	2	10/30/2020 09:04
Acetochlor	ND	H	0.50	2	10/30/2020 09:04
Anthracene	**0.0042**	H	0.0026	2	10/30/2020 09:04
Benzidine	ND	H	2.5	2	10/30/2020 09:04
Benzo (a) anthracene	ND	H	0.026	2	10/30/2020 09:04
Benzo (a) pyrene	**0.022**	H	0.0050	2	10/30/2020 09:04
Benzo (b) fluoranthene	**0.023**	H	0.013	2	10/30/2020 09:04
Benzo (g,h,i) perylene	**0.016**	H	0.0050	2	10/30/2020 09:04
Benzo (k) fluoranthene	**0.0097**	H	0.0026	2	10/30/2020 09:04
Benzyl Alcohol	ND	H	2.5	2	10/30/2020 09:04
1,1-Biphenyl	ND	H	0.026	2	10/30/2020 09:04
Bis (2-chloroethoxy) Methane	ND	H	0.50	2	10/30/2020 09:04
Bis (2-chloroethyl) Ether	ND	H	0.0026	2	10/30/2020 09:04
Bis (2-chloroisopropyl) Ether	ND	H	0.0026	2	10/30/2020 09:04
Bis (2-ethylhexyl) Adipate	ND	H	0.50	2	10/30/2020 09:04
Bis (2-ethylhexyl) Phthalate	ND	H	0.050	2	10/30/2020 09:04
4-Bromophenyl Phenyl Ether	ND	H	0.50	2	10/30/2020 09:04
Butylbenzyl Phthalate	ND	H	0.050	2	10/30/2020 09:04
4-Chloroaniline	ND	H	0.0050	2	10/30/2020 09:04
4-Chloro-3-methylphenol	ND	H	0.50	2	10/30/2020 09:04
2-Chloronaphthalene	ND	H	0.50	2	10/30/2020 09:04
2-Chlorophenol	ND	H	0.026	2	10/30/2020 09:04
4-Chlorophenyl Phenyl Ether	ND	H	0.50	2	10/30/2020 09:04
Chrysene	**0.019**	H	0.0050	2	10/30/2020 09:04
Dibenzo (a,h) anthracene	**0.0052**	H	0.0050	2	10/30/2020 09:04
Dibenzofuran	ND	H	0.50	2	10/30/2020 09:04
Di-n-butyl Phthalate	ND	H	0.026	2	10/30/2020 09:04
1,2-Dichlorobenzene	ND	H	0.50	2	10/30/2020 09:04
1,3-Dichlorobenzene	ND	H	0.50	2	10/30/2020 09:04
1,4-Dichlorobenzene	ND	H	0.50	2	10/30/2020 09:04
3,3-Dichlorobenzidine	ND	H	0.0050	2	10/30/2020 09:04
2,4-Dichlorophenol	ND	H	0.0026	2	10/30/2020 09:04
Diethyl Phthalate	ND	H	0.026	2	10/30/2020 09:04
2,4-Dimethylphenol	ND	H	0.50	2	10/30/2020 09:04
Dimethyl Phthalate	ND	H	0.0050	2	10/30/2020 09:04

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-4.5-5	2010637-013A	Soil	10/12/2020 10:05	GC17 10302009.D	208261

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
4,6-Dinitro-2-methylphenol	ND	H	2.5	2	10/30/2020 09:04
2,4-Dinitrophenol	ND	H	0.50	2	10/30/2020 09:04
2,4-Dinitrotoluene	ND	H	0.026	2	10/30/2020 09:04
2,6-Dinitrotoluene	ND	H	0.026	2	10/30/2020 09:04
Di-n-octyl Phthalate	ND	H	0.026	2	10/30/2020 09:04
1,2-Diphenylhydrazine	ND	H	0.50	2	10/30/2020 09:04
Fluoranthene	**0.032**	H	0.0026	2	10/30/2020 09:04
Fluorene	ND	H	0.0050	2	10/30/2020 09:04
Hexachlorobenzene	ND	H	0.0026	2	10/30/2020 09:04
Hexachlorobutadiene	ND	H	0.0050	2	10/30/2020 09:04
Hexachlorocyclopentadiene	ND	H	4.0	2	10/30/2020 09:04
Hexachloroethane	ND	H	0.026	2	10/30/2020 09:04
Indeno (1,2,3-cd) pyrene	ND	H	0.026	2	10/30/2020 09:04
Isophorone	ND	H	0.50	2	10/30/2020 09:04
2-Methylnaphthalene	**0.0051**	H	0.0050	2	10/30/2020 09:04
2-Methylphenol (o-Cresol)	ND	H	0.50	2	10/30/2020 09:04
3 & 4-Methylphenol (m,p-Cresol)	ND	H	0.50	2	10/30/2020 09:04
Naphthalene	**0.0039**	H	0.0026	2	10/30/2020 09:04
2-Nitroaniline	ND	H	2.5	2	10/30/2020 09:04
3-Nitroaniline	ND	H	2.5	2	10/30/2020 09:04
4-Nitroaniline	ND	H	2.5	2	10/30/2020 09:04
Nitrobenzene	ND	H	0.50	2	10/30/2020 09:04
2-Nitrophenol	ND	H	2.5	2	10/30/2020 09:04
4-Nitrophenol	ND	H	2.5	2	10/30/2020 09:04
N-Nitrosodimethylamine	ND	H	2.5	2	10/30/2020 09:04
N-Nitrosodiphenylamine	ND	H	0.50	2	10/30/2020 09:04
N-Nitrosodi-n-propylamine	ND	H	0.50	2	10/30/2020 09:04
Pentachlorophenol	ND	H	0.12	2	10/30/2020 09:04
Phenanthrene	**0.019**	H	0.010	2	10/30/2020 09:04
Phenol	ND	H	0.10	2	10/30/2020 09:04
Pyrene	**0.030**	H	0.0050	2	10/30/2020 09:04
Pyridine	ND	H	0.50	2	10/30/2020 09:04
1,2,4-Trichlorobenzene	ND	H	0.50	2	10/30/2020 09:04
2,4,5-Trichlorophenol	ND	H	0.0050	2	10/30/2020 09:04
2,4,6-Trichlorophenol	ND	H	0.026	2	10/30/2020 09:04

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-4.5-5	**2010637-013A**	**Soil**	**10/12/2020 10:05**	**GC17 10302009.D**	**208261**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
2-Fluorophenol	79	H	60-130		10/30/2020 09:04
Phenol-d5	73	H	60-130		10/30/2020 09:04
Nitrobenzene-d5	74	H	60-130		10/30/2020 09:04
2-Fluorobiphenyl	66	H	60-130		10/30/2020 09:04
2,4,6-Tribromophenol	54	H	50-130		10/30/2020 09:04
4-Terphenyl-d14	69	H	50-130		10/30/2020 09:04

Analyst(s): AK

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-1-1.5	2010637-016A	Soil	10/12/2020 10:42	GC17 10302010.D	208261

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1-Methylnaphthalene	ND	H	0.0013	1	10/30/2020 09:30
Acenaphthene	ND	H	0.0013	1	10/30/2020 09:30
Acenaphthylene	**0.0014**	H	0.0013	1	10/30/2020 09:30
Acetochlor	ND	H	0.25	1	10/30/2020 09:30
Anthracene	**0.0016**	H	0.0013	1	10/30/2020 09:30
Benzidine	ND	H	1.2	1	10/30/2020 09:30
Benzo (a) anthracene	ND	H	0.013	1	10/30/2020 09:30
Benzo (a) pyrene	**0.013**	H	0.0025	1	10/30/2020 09:30
Benzo (b) fluoranthene	**0.019**	H	0.0063	1	10/30/2020 09:30
Benzo (g,h,i) perylene	**0.014**	H	0.0025	1	10/30/2020 09:30
Benzo (k) fluoranthene	**0.0045**	H	0.0013	1	10/30/2020 09:30
Benzyl Alcohol	ND	H	1.2	1	10/30/2020 09:30
1,1-Biphenyl	ND	H	0.013	1	10/30/2020 09:30
Bis (2-chloroethoxy) Methane	ND	H	0.25	1	10/30/2020 09:30
Bis (2-chloroethyl) Ether	ND	H	0.0013	1	10/30/2020 09:30
Bis (2-chloroisopropyl) Ether	ND	H	0.0013	1	10/30/2020 09:30
Bis (2-ethylhexyl) Adipate	ND	H	0.25	1	10/30/2020 09:30
Bis (2-ethylhexyl) Phthalate	**0.031**	H	0.025	1	10/30/2020 09:30
4-Bromophenyl Phenyl Ether	ND	H	0.25	1	10/30/2020 09:30
Butylbenzyl Phthalate	ND	H	0.025	1	10/30/2020 09:30
4-Chloroaniline	ND	H	0.0025	1	10/30/2020 09:30
4-Chloro-3-methylphenol	ND	H	0.25	1	10/30/2020 09:30
2-Chloronaphthalene	ND	H	0.25	1	10/30/2020 09:30
2-Chlorophenol	ND	H	0.013	1	10/30/2020 09:30
4-Chlorophenyl Phenyl Ether	ND	H	0.25	1	10/30/2020 09:30
Chrysene	**0.013**	H	0.0025	1	10/30/2020 09:30
Dibenzo (a,h) anthracene	**0.0039**	H	0.0025	1	10/30/2020 09:30
Dibenzofuran	ND	H	0.25	1	10/30/2020 09:30
Di-n-butyl Phthalate	ND	H	0.013	1	10/30/2020 09:30
1,2-Dichlorobenzene	ND	H	0.25	1	10/30/2020 09:30
1,3-Dichlorobenzene	ND	H	0.25	1	10/30/2020 09:30
1,4-Dichlorobenzene	ND	H	0.25	1	10/30/2020 09:30
3,3-Dichlorobenzidine	ND	H	0.0025	1	10/30/2020 09:30
2,4-Dichlorophenol	ND	H	0.0013	1	10/30/2020 09:30
Diethyl Phthalate	ND	H	0.013	1	10/30/2020 09:30
2,4-Dimethylphenol	ND	H	0.25	1	10/30/2020 09:30
Dimethyl Phthalate	ND	H	0.0025	1	10/30/2020 09:30

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-1-1.5	2010637-016A	Soil	10/12/2020 10:42	GC17 10302010.D	208261

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
4,6-Dinitro-2-methylphenol	ND	H	1.2	1	10/30/2020 09:30
2,4-Dinitrophenol	ND	H	0.25	1	10/30/2020 09:30
2,4-Dinitrotoluene	ND	H	0.013	1	10/30/2020 09:30
2,6-Dinitrotoluene	ND	H	0.013	1	10/30/2020 09:30
Di-n-octyl Phthalate	ND	H	0.013	1	10/30/2020 09:30
1,2-Diphenylhydrazine	ND	H	0.25	1	10/30/2020 09:30
Fluoranthene	**0.014**	H	0.0013	1	10/30/2020 09:30
Fluorene	ND	H	0.0025	1	10/30/2020 09:30
Hexachlorobenzene	ND	H	0.0013	1	10/30/2020 09:30
Hexachlorobutadiene	ND	H	0.0025	1	10/30/2020 09:30
Hexachlorocyclopentadiene	ND	H	2.0	1	10/30/2020 09:30
Hexachloroethane	ND	H	0.013	1	10/30/2020 09:30
Indeno (1,2,3-cd) pyrene	ND	H	0.013	1	10/30/2020 09:30
Isophorone	ND	H	0.25	1	10/30/2020 09:30
2-Methylnaphthalene	ND	H	0.0025	1	10/30/2020 09:30
2-Methylphenol (o-Cresol)	ND	H	0.25	1	10/30/2020 09:30
3 & 4-Methylphenol (m,p-Cresol)	ND	H	0.25	1	10/30/2020 09:30
Naphthalene	ND	H	0.0013	1	10/30/2020 09:30
2-Nitroaniline	ND	H	1.2	1	10/30/2020 09:30
3-Nitroaniline	ND	H	1.2	1	10/30/2020 09:30
4-Nitroaniline	ND	H	1.2	1	10/30/2020 09:30
Nitrobenzene	ND	H	0.25	1	10/30/2020 09:30
2-Nitrophenol	ND	H	1.2	1	10/30/2020 09:30
4-Nitrophenol	ND	H	1.2	1	10/30/2020 09:30
N-Nitrosodimethylamine	ND	H	1.2	1	10/30/2020 09:30
N-Nitrosodiphenylamine	ND	H	0.25	1	10/30/2020 09:30
N-Nitrosodi-n-propylamine	ND	H	0.25	1	10/30/2020 09:30
Pentachlorophenol	ND	H	0.062	1	10/30/2020 09:30
Phenanthrene	**0.010**	H	0.0050	1	10/30/2020 09:30
Phenol	ND	H	0.050	1	10/30/2020 09:30
Pyrene	**0.015**	H	0.0025	1	10/30/2020 09:30
Pyridine	ND	H	0.25	1	10/30/2020 09:30
1,2,4-Trichlorobenzene	ND	H	0.25	1	10/30/2020 09:30
2,4,5-Trichlorophenol	ND	H	0.0025	1	10/30/2020 09:30
2,4,6-Trichlorophenol	ND	H	0.013	1	10/30/2020 09:30

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-1-1.5	**2010637-016A**	**Soil**	**10/12/2020 10:42**	**GC17 10302010.D**	**208261**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
2-Fluorophenol	68	H	60-130		10/30/2020 09:30
Phenol-d5	69	H	60-130		10/30/2020 09:30
Nitrobenzene-d5	66	H	60-130		10/30/2020 09:30
2-Fluorobiphenyl	62	H	60-130		10/30/2020 09:30
2,4,6-Tribromophenol	53	H	50-130		10/30/2020 09:30
4-Terphenyl-d14	66	H	50-130		10/30/2020 09:30

Analyst(s): AK

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-2.5-3	2010637-017A	Soil	10/12/2020 10:43	GC17 10302011.D	208261

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1-Methylnaphthalene	**0.0077**	H	0.0013	1	10/30/2020 09:57
Acenaphthene	ND	H	0.0013	1	10/30/2020 09:57
Acenaphthylene	**0.0026**	H	0.0013	1	10/30/2020 09:57
Acetochlor	ND	H	0.25	1	10/30/2020 09:57
Anthracene	**0.0028**	H	0.0013	1	10/30/2020 09:57
Benzidine	ND	H	1.2	1	10/30/2020 09:57
Benzo (a) anthracene	ND	H	0.013	1	10/30/2020 09:57
Benzo (a) pyrene	**0.017**	H	0.0025	1	10/30/2020 09:57
Benzo (b) fluoranthene	**0.023**	H	0.0063	1	10/30/2020 09:57
Benzo (g,h,i) perylene	**0.035**	H	0.0025	1	10/30/2020 09:57
Benzo (k) fluoranthene	**0.0056**	H	0.0013	1	10/30/2020 09:57
Benzyl Alcohol	ND	H	1.2	1	10/30/2020 09:57
1,1-Biphenyl	ND	H	0.013	1	10/30/2020 09:57
Bis (2-chloroethoxy) Methane	ND	H	0.25	1	10/30/2020 09:57
Bis (2-chloroethyl) Ether	ND	H	0.0013	1	10/30/2020 09:57
Bis (2-chloroisopropyl) Ether	ND	H	0.0013	1	10/30/2020 09:57
Bis (2-ethylhexyl) Adipate	ND	H	0.25	1	10/30/2020 09:57
Bis (2-ethylhexyl) Phthalate	ND	H	0.025	1	10/30/2020 09:57
4-Bromophenyl Phenyl Ether	ND	H	0.25	1	10/30/2020 09:57
Butylbenzyl Phthalate	ND	H	0.025	1	10/30/2020 09:57
4-Chloroaniline	ND	H	0.0025	1	10/30/2020 09:57
4-Chloro-3-methylphenol	ND	H	0.25	1	10/30/2020 09:57
2-Chloronaphthalene	ND	H	0.25	1	10/30/2020 09:57
2-Chlorophenol	ND	H	0.013	1	10/30/2020 09:57
4-Chlorophenyl Phenyl Ether	ND	H	0.25	1	10/30/2020 09:57
Chrysene	**0.013**	H	0.0025	1	10/30/2020 09:57
Dibenzo (a,h) anthracene	**0.0056**	H	0.0025	1	10/30/2020 09:57
Dibenzofuran	ND	H	0.25	1	10/30/2020 09:57
Di-n-butyl Phthalate	ND	H	0.013	1	10/30/2020 09:57
1,2-Dichlorobenzene	ND	H	0.25	1	10/30/2020 09:57
1,3-Dichlorobenzene	ND	H	0.25	1	10/30/2020 09:57
1,4-Dichlorobenzene	ND	H	0.25	1	10/30/2020 09:57
3,3-Dichlorobenzidine	ND	H	0.0025	1	10/30/2020 09:57
2,4-Dichlorophenol	ND	H	0.0013	1	10/30/2020 09:57
Diethyl Phthalate	ND	H	0.013	1	10/30/2020 09:57
2,4-Dimethylphenol	ND	H	0.25	1	10/30/2020 09:57
Dimethyl Phthalate	ND	H	0.0025	1	10/30/2020 09:57

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-2.5-3	2010637-017A	Soil	10/12/2020 10:43	GC17 10302011.D	208261

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
4,6-Dinitro-2-methylphenol	ND	H	1.2	1	10/30/2020 09:57
2,4-Dinitrophenol	ND	H	0.25	1	10/30/2020 09:57
2,4-Dinitrotoluene	ND	H	0.013	1	10/30/2020 09:57
2,6-Dinitrotoluene	ND	H	0.013	1	10/30/2020 09:57
Di-n-octyl Phthalate	ND	H	0.013	1	10/30/2020 09:57
1,2-Diphenylhydrazine	ND	H	0.25	1	10/30/2020 09:57
Fluoranthene	**0.017**	H	0.0013	1	10/30/2020 09:57
Fluorene	ND	H	0.0025	1	10/30/2020 09:57
Hexachlorobenzene	ND	H	0.0013	1	10/30/2020 09:57
Hexachlorobutadiene	ND	H	0.0025	1	10/30/2020 09:57
Hexachlorocyclopentadiene	ND	H	2.0	1	10/30/2020 09:57
Hexachloroethane	ND	H	0.013	1	10/30/2020 09:57
Indeno (1,2,3-cd) pyrene	**0.023**	H	0.013	1	10/30/2020 09:57
Isophorone	ND	H	0.25	1	10/30/2020 09:57
2-Methylnaphthalene	**0.0074**	H	0.0025	1	10/30/2020 09:57
2-Methylphenol (o-Cresol)	ND	H	0.25	1	10/30/2020 09:57
3 & 4-Methylphenol (m,p-Cresol)	ND	H	0.25	1	10/30/2020 09:57
Naphthalene	**0.0044**	H	0.0013	1	10/30/2020 09:57
2-Nitroaniline	ND	H	1.2	1	10/30/2020 09:57
3-Nitroaniline	ND	H	1.2	1	10/30/2020 09:57
4-Nitroaniline	ND	H	1.2	1	10/30/2020 09:57
Nitrobenzene	ND	H	0.25	1	10/30/2020 09:57
2-Nitrophenol	ND	H	1.2	1	10/30/2020 09:57
4-Nitrophenol	ND	H	1.2	1	10/30/2020 09:57
N-Nitrosodimethylamine	ND	H	1.2	1	10/30/2020 09:57
N-Nitrosodiphenylamine	ND	H	0.25	1	10/30/2020 09:57
N-Nitrosodi-n-propylamine	ND	H	0.25	1	10/30/2020 09:57
Pentachlorophenol	ND	H	0.062	1	10/30/2020 09:57
Phenanthrene	**0.016**	H	0.0050	1	10/30/2020 09:57
Phenol	ND	H	0.050	1	10/30/2020 09:57
Pyrene	**0.017**	H	0.0025	1	10/30/2020 09:57
Pyridine	ND	H	0.25	1	10/30/2020 09:57
1,2,4-Trichlorobenzene	ND	H	0.25	1	10/30/2020 09:57
2,4,5-Trichlorophenol	ND	H	0.0025	1	10/30/2020 09:57
2,4,6-Trichlorophenol	ND	H	0.013	1	10/30/2020 09:57

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-2.5-3	**2010637-017A**	**Soil**	**10/12/2020 10:43**	**GC17 10302011.D**	**208261**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
2-Fluorophenol	32	SH	60-130		10/30/2020 09:57
Phenol-d5	31	SH	60-130		10/30/2020 09:57
Nitrobenzene-d5	30	SH	60-130		10/30/2020 09:57
2-Fluorobiphenyl	28	SH	60-130		10/30/2020 09:57
2,4,6-Tribromophenol	23	SH	50-130		10/30/2020 09:57
4-Terphenyl-d14	29	SH	50-130		10/30/2020 09:57

Analyst(s): AK Analytical Comments: c2

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-9.5-10	2010637-019A	Soil	10/12/2020 10:59	GC17 10302022.D	208261

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1-Methylnaphthalene	ND	H	0.0026	2	10/30/2020 14:49
Acenaphthene	ND	H	0.0026	2	10/30/2020 14:49
Acenaphthylene	ND	H	0.0026	2	10/30/2020 14:49
Acetochlor	ND	H	0.50	2	10/30/2020 14:49
Anthracene	ND	H	0.0026	2	10/30/2020 14:49
Benzidine	ND	H	2.5	2	10/30/2020 14:49
Benzo (a) anthracene	ND	H	0.026	2	10/30/2020 14:49
Benzo (a) pyrene	**0.0072**	H	0.0050	2	10/30/2020 14:49
Benzo (b) fluoranthene	ND	H	0.013	2	10/30/2020 14:49
Benzo (g,h,i) perylene	**0.0083**	H	0.0050	2	10/30/2020 14:49
Benzo (k) fluoranthene	**0.0030**	H	0.0026	2	10/30/2020 14:49
Benzyl Alcohol	ND	H	2.5	2	10/30/2020 14:49
1,1-Biphenyl	ND	H	0.026	2	10/30/2020 14:49
Bis (2-chloroethoxy) Methane	ND	H	0.50	2	10/30/2020 14:49
Bis (2-chloroethyl) Ether	ND	H	0.0026	2	10/30/2020 14:49
Bis (2-chloroisopropyl) Ether	ND	H	0.0026	2	10/30/2020 14:49
Bis (2-ethylhexyl) Adipate	ND	H	0.50	2	10/30/2020 14:49
Bis (2-ethylhexyl) Phthalate	ND	H	0.050	2	10/30/2020 14:49
4-Bromophenyl Phenyl Ether	ND	H	0.50	2	10/30/2020 14:49
Butylbenzyl Phthalate	ND	H	0.050	2	10/30/2020 14:49
4-Chloroaniline	ND	H	0.0050	2	10/30/2020 14:49
4-Chloro-3-methylphenol	ND	H	0.50	2	10/30/2020 14:49
2-Chloronaphthalene	ND	H	0.50	2	10/30/2020 14:49
2-Chlorophenol	ND	H	0.026	2	10/30/2020 14:49
4-Chlorophenyl Phenyl Ether	ND	H	0.50	2	10/30/2020 14:49
Chrysene	**0.011**	H	0.0050	2	10/30/2020 14:49
Dibenzo (a,h) anthracene	ND	H	0.0050	2	10/30/2020 14:49
Dibenzofuran	ND	H	0.50	2	10/30/2020 14:49
Di-n-butyl Phthalate	ND	H	0.026	2	10/30/2020 14:49
1,2-Dichlorobenzene	ND	H	0.50	2	10/30/2020 14:49
1,3-Dichlorobenzene	ND	H	0.50	2	10/30/2020 14:49
1,4-Dichlorobenzene	ND	H	0.50	2	10/30/2020 14:49
3,3-Dichlorobenzidine	ND	H	0.0050	2	10/30/2020 14:49
2,4-Dichlorophenol	ND	H	0.0026	2	10/30/2020 14:49
Diethyl Phthalate	ND	H	0.026	2	10/30/2020 14:49
2,4-Dimethylphenol	ND	H	0.50	2	10/30/2020 14:49
Dimethyl Phthalate	ND	H	0.0050	2	10/30/2020 14:49

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-9.5-10	2010637-019A	Soil	10/12/2020 10:59	GC17 10302022.D	208261

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
4,6-Dinitro-2-methylphenol	ND	H	2.5	2	10/30/2020 14:49
2,4-Dinitrophenol	ND	H	0.50	2	10/30/2020 14:49
2,4-Dinitrotoluene	ND	H	0.026	2	10/30/2020 14:49
2,6-Dinitrotoluene	ND	H	0.026	2	10/30/2020 14:49
Di-n-octyl Phthalate	ND	H	0.026	2	10/30/2020 14:49
1,2-Diphenylhydrazine	ND	H	0.50	2	10/30/2020 14:49
Fluoranthene	**0.0082**	H	0.0026	2	10/30/2020 14:49
Fluorene	ND	H	0.0050	2	10/30/2020 14:49
Hexachlorobenzene	ND	H	0.0026	2	10/30/2020 14:49
Hexachlorobutadiene	ND	H	0.0050	2	10/30/2020 14:49
Hexachlorocyclopentadiene	ND	H	4.0	2	10/30/2020 14:49
Hexachloroethane	ND	H	0.026	2	10/30/2020 14:49
Indeno (1,2,3-cd) pyrene	ND	H	0.026	2	10/30/2020 14:49
Isophorone	ND	H	0.50	2	10/30/2020 14:49
2-Methylnaphthalene	ND	H	0.0050	2	10/30/2020 14:49
2-Methylphenol (o-Cresol)	ND	H	0.50	2	10/30/2020 14:49
3 & 4-Methylphenol (m,p-Cresol)	ND	H	0.50	2	10/30/2020 14:49
Naphthalene	ND	H	0.0026	2	10/30/2020 14:49
2-Nitroaniline	ND	H	2.5	2	10/30/2020 14:49
3-Nitroaniline	ND	H	2.5	2	10/30/2020 14:49
4-Nitroaniline	ND	H	2.5	2	10/30/2020 14:49
Nitrobenzene	ND	H	0.50	2	10/30/2020 14:49
2-Nitrophenol	ND	H	2.5	2	10/30/2020 14:49
4-Nitrophenol	ND	H	2.5	2	10/30/2020 14:49
N-Nitrosodimethylamine	ND	H	2.5	2	10/30/2020 14:49
N-Nitrosodiphenylamine	ND	H	0.50	2	10/30/2020 14:49
N-Nitrosodi-n-propylamine	ND	H	0.50	2	10/30/2020 14:49
Pentachlorophenol	ND	H	0.12	2	10/30/2020 14:49
Phenanthrene	ND	H	0.010	2	10/30/2020 14:49
Phenol	ND	H	0.10	2	10/30/2020 14:49
Pyrene	**0.0090**	H	0.0050	2	10/30/2020 14:49
Pyridine	ND	H	0.50	2	10/30/2020 14:49
1,2,4-Trichlorobenzene	ND	H	0.50	2	10/30/2020 14:49
2,4,5-Trichlorophenol	ND	H	0.0050	2	10/30/2020 14:49
2,4,6-Trichlorophenol	ND	H	0.026	2	10/30/2020 14:49

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-9.5-10	**2010637-019A**	**Soil**	**10/12/2020 10:59**	**GC17 10302022.D**	**208261**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
2-Fluorophenol	74	H	60-130		10/30/2020 14:49
Phenol-d5	74	H	60-130		10/30/2020 14:49
Nitrobenzene-d5	70	H	60-130		10/30/2020 14:49
2-Fluorobiphenyl	60	H	60-130		10/30/2020 14:49
2,4,6-Tribromophenol	59	H	50-130		10/30/2020 14:49
4-Terphenyl-d14	68	H	50-130		10/30/2020 14:49

Analyst(s): AK

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-1-1.5	2010637-021A	Soil	10/12/2020 11:50	GC17 10302021.D	208261

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1-Methylnaphthalene	**0.0054**	H	0.0026	2	10/30/2020 14:22
Acenaphthene	ND	H	0.0026	2	10/30/2020 14:22
Acenaphthylene	**0.0049**	H	0.0026	2	10/30/2020 14:22
Acetochlor	ND	H	0.50	2	10/30/2020 14:22
Anthracene	**0.0050**	H	0.0026	2	10/30/2020 14:22
Benzidine	ND	H	2.5	2	10/30/2020 14:22
Benzo (a) anthracene	**0.032**	H	0.026	2	10/30/2020 14:22
Benzo (a) pyrene	**0.047**	H	0.0050	2	10/30/2020 14:22
Benzo (b) fluoranthene	**0.056**	H	0.013	2	10/30/2020 14:22
Benzo (g,h,i) perylene	**0.036**	H	0.0050	2	10/30/2020 14:22
Benzo (k) fluoranthene	**0.013**	H	0.0026	2	10/30/2020 14:22
Benzyl Alcohol	ND	H	2.5	2	10/30/2020 14:22
1,1-Biphenyl	ND	H	0.026	2	10/30/2020 14:22
Bis (2-chloroethoxy) Methane	ND	H	0.50	2	10/30/2020 14:22
Bis (2-chloroethyl) Ether	ND	H	0.0026	2	10/30/2020 14:22
Bis (2-chloroisopropyl) Ether	ND	H	0.0026	2	10/30/2020 14:22
Bis (2-ethylhexyl) Adipate	ND	H	0.50	2	10/30/2020 14:22
Bis (2-ethylhexyl) Phthalate	ND	H	0.050	2	10/30/2020 14:22
4-Bromophenyl Phenyl Ether	ND	H	0.50	2	10/30/2020 14:22
Butylbenzyl Phthalate	ND	H	0.050	2	10/30/2020 14:22
4-Chloroaniline	ND	H	0.0050	2	10/30/2020 14:22
4-Chloro-3-methylphenol	ND	H	0.50	2	10/30/2020 14:22
2-Chloronaphthalene	ND	H	0.50	2	10/30/2020 14:22
2-Chlorophenol	ND	H	0.026	2	10/30/2020 14:22
4-Chlorophenyl Phenyl Ether	ND	H	0.50	2	10/30/2020 14:22
Chrysene	**0.034**	H	0.0050	2	10/30/2020 14:22
Dibenzo (a,h) anthracene	**0.011**	H	0.0050	2	10/30/2020 14:22
Dibenzofuran	ND	H	0.50	2	10/30/2020 14:22
Di-n-butyl Phthalate	ND	H	0.026	2	10/30/2020 14:22
1,2-Dichlorobenzene	ND	H	0.50	2	10/30/2020 14:22
1,3-Dichlorobenzene	ND	H	0.50	2	10/30/2020 14:22
1,4-Dichlorobenzene	ND	H	0.50	2	10/30/2020 14:22
3,3-Dichlorobenzidine	ND	H	0.0050	2	10/30/2020 14:22
2,4-Dichlorophenol	ND	H	0.0026	2	10/30/2020 14:22
Diethyl Phthalate	ND	H	0.026	2	10/30/2020 14:22
2,4-Dimethylphenol	ND	H	0.50	2	10/30/2020 14:22
Dimethyl Phthalate	ND	H	0.0050	2	10/30/2020 14:22

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-1-1.5	2010637-021A	Soil	10/12/2020 11:50	GC17 10302021.D	208261

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
4,6-Dinitro-2-methylphenol	ND	H	2.5	2	10/30/2020 14:22
2,4-Dinitrophenol	ND	H	0.50	2	10/30/2020 14:22
2,4-Dinitrotoluene	ND	H	0.026	2	10/30/2020 14:22
2,6-Dinitrotoluene	ND	H	0.026	2	10/30/2020 14:22
Di-n-octyl Phthalate	ND	H	0.026	2	10/30/2020 14:22
1,2-Diphenylhydrazine	ND	H	0.50	2	10/30/2020 14:22
Fluoranthene	**0.035**	H	0.0026	2	10/30/2020 14:22
Fluorene	ND	H	0.0050	2	10/30/2020 14:22
Hexachlorobenzene	ND	H	0.0026	2	10/30/2020 14:22
Hexachlorobutadiene	ND	H	0.0050	2	10/30/2020 14:22
Hexachlorocyclopentadiene	ND	H	4.0	2	10/30/2020 14:22
Hexachloroethane	ND	H	0.026	2	10/30/2020 14:22
Indeno (1,2,3-cd) pyrene	**0.030**	H	0.026	2	10/30/2020 14:22
Isophorone	ND	H	0.50	2	10/30/2020 14:22
2-Methylnaphthalene	**0.0057**	H	0.0050	2	10/30/2020 14:22
2-Methylphenol (o-Cresol)	ND	H	0.50	2	10/30/2020 14:22
3 & 4-Methylphenol (m,p-Cresol)	ND	H	0.50	2	10/30/2020 14:22
Naphthalene	**0.0040**	H	0.0026	2	10/30/2020 14:22
2-Nitroaniline	ND	H	2.5	2	10/30/2020 14:22
3-Nitroaniline	ND	H	2.5	2	10/30/2020 14:22
4-Nitroaniline	ND	H	2.5	2	10/30/2020 14:22
Nitrobenzene	ND	H	0.50	2	10/30/2020 14:22
2-Nitrophenol	ND	H	2.5	2	10/30/2020 14:22
4-Nitrophenol	ND	H	2.5	2	10/30/2020 14:22
N-Nitrosodimethylamine	ND	H	2.5	2	10/30/2020 14:22
N-Nitrosodiphenylamine	ND	H	0.50	2	10/30/2020 14:22
N-Nitrosodi-n-propylamine	ND	H	0.50	2	10/30/2020 14:22
Pentachlorophenol	ND	H	0.12	2	10/30/2020 14:22
Phenanthrene	**0.025**	H	0.010	2	10/30/2020 14:22
Phenol	ND	H	0.10	2	10/30/2020 14:22
Pyrene	**0.036**	H	0.0050	2	10/30/2020 14:22
Pyridine	ND	H	0.50	2	10/30/2020 14:22
1,2,4-Trichlorobenzene	ND	H	0.50	2	10/30/2020 14:22
2,4,5-Trichlorophenol	ND	H	0.0050	2	10/30/2020 14:22
2,4,6-Trichlorophenol	ND	H	0.026	2	10/30/2020 14:22

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-1-1.5	**2010637-021A**	**Soil**	**10/12/2020 11:50**	**GC17 10302021.D**	**208261**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
2-Fluorophenol	64	H	60-130		10/30/2020 14:22
Phenol-d5	65	H	60-130		10/30/2020 14:22
Nitrobenzene-d5	62	H	60-130		10/30/2020 14:22
2-Fluorobiphenyl	55	SH	60-130		10/30/2020 14:22
2,4,6-Tribromophenol	51	H	50-130		10/30/2020 14:22
4-Terphenyl-d14	59	H	50-130		10/30/2020 14:22

Analyst(s): AK Analytical Comments: c2

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-2.5-3	2010637-022A	Soil	10/12/2020 11:51	GC17 10302020.D	208261

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1-Methylnaphthalene	**0.0022**	H	0.0013	1	10/30/2020 13:56
Acenaphthene	ND	H	0.0013	1	10/30/2020 13:56
Acenaphthylene	**0.0095**	H	0.0013	1	10/30/2020 13:56
Acetochlor	ND	H	0.25	1	10/30/2020 13:56
Anthracene	**0.0038**	H	0.0013	1	10/30/2020 13:56
Benzidine	ND	H	1.2	1	10/30/2020 13:56
Benzo (a) anthracene	**0.025**	H	0.013	1	10/30/2020 13:56
Benzo (a) pyrene	**0.040**	H	0.0025	1	10/30/2020 13:56
Benzo (b) fluoranthene	**0.040**	H	0.0063	1	10/30/2020 13:56
Benzo (g,h,i) perylene	**0.025**	H	0.0025	1	10/30/2020 13:56
Benzo (k) fluoranthene	**0.013**	H	0.0013	1	10/30/2020 13:56
Benzyl Alcohol	ND	H	1.2	1	10/30/2020 13:56
1,1-Biphenyl	ND	H	0.013	1	10/30/2020 13:56
Bis (2-chloroethoxy) Methane	ND	H	0.25	1	10/30/2020 13:56
Bis (2-chloroethyl) Ether	ND	H	0.0013	1	10/30/2020 13:56
Bis (2-chloroisopropyl) Ether	ND	H	0.0013	1	10/30/2020 13:56
Bis (2-ethylhexyl) Adipate	ND	H	0.25	1	10/30/2020 13:56
Bis (2-ethylhexyl) Phthalate	ND	H	0.025	1	10/30/2020 13:56
4-Bromophenyl Phenyl Ether	ND	H	0.25	1	10/30/2020 13:56
Butylbenzyl Phthalate	ND	H	0.025	1	10/30/2020 13:56
4-Chloroaniline	ND	H	0.0025	1	10/30/2020 13:56
4-Chloro-3-methylphenol	ND	H	0.25	1	10/30/2020 13:56
2-Chloronaphthalene	ND	H	0.25	1	10/30/2020 13:56
2-Chlorophenol	ND	H	0.013	1	10/30/2020 13:56
4-Chlorophenyl Phenyl Ether	ND	H	0.25	1	10/30/2020 13:56
Chrysene	**0.020**	H	0.0025	1	10/30/2020 13:56
Dibenzo (a,h) anthracene	**0.0078**	H	0.0025	1	10/30/2020 13:56
Dibenzofuran	ND	H	0.25	1	10/30/2020 13:56
Di-n-butyl Phthalate	ND	H	0.013	1	10/30/2020 13:56
1,2-Dichlorobenzene	ND	H	0.25	1	10/30/2020 13:56
1,3-Dichlorobenzene	ND	H	0.25	1	10/30/2020 13:56
1,4-Dichlorobenzene	ND	H	0.25	1	10/30/2020 13:56
3,3-Dichlorobenzidine	ND	H	0.0025	1	10/30/2020 13:56
2,4-Dichlorophenol	ND	H	0.0013	1	10/30/2020 13:56
Diethyl Phthalate	ND	H	0.013	1	10/30/2020 13:56
2,4-Dimethylphenol	ND	H	0.25	1	10/30/2020 13:56
Dimethyl Phthalate	ND	H	0.0025	1	10/30/2020 13:56

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-2.5-3	2010637-022A	Soil	10/12/2020 11:51	GC17 10302020.D	208261

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
4,6-Dinitro-2-methylphenol	ND	H	1.2	1	10/30/2020 13:56
2,4-Dinitrophenol	ND	H	0.25	1	10/30/2020 13:56
2,4-Dinitrotoluene	ND	H	0.013	1	10/30/2020 13:56
2,6-Dinitrotoluene	ND	H	0.013	1	10/30/2020 13:56
Di-n-octyl Phthalate	ND	H	0.013	1	10/30/2020 13:56
1,2-Diphenylhydrazine	ND	H	0.25	1	10/30/2020 13:56
Fluoranthene	**0.021**	H	0.0013	1	10/30/2020 13:56
Fluorene	ND	H	0.0025	1	10/30/2020 13:56
Hexachlorobenzene	ND	H	0.0013	1	10/30/2020 13:56
Hexachlorobutadiene	ND	H	0.0025	1	10/30/2020 13:56
Hexachlorocyclopentadiene	ND	H	2.0	1	10/30/2020 13:56
Hexachloroethane	ND	H	0.013	1	10/30/2020 13:56
Indeno (1,2,3-cd) pyrene	**0.023**	H	0.013	1	10/30/2020 13:56
Isophorone	ND	H	0.25	1	10/30/2020 13:56
2-Methylnaphthalene	**0.0029**	H	0.0025	1	10/30/2020 13:56
2-Methylphenol (o-Cresol)	ND	H	0.25	1	10/30/2020 13:56
3 & 4-Methylphenol (m,p-Cresol)	ND	H	0.25	1	10/30/2020 13:56
Naphthalene	**0.0028**	H	0.0013	1	10/30/2020 13:56
2-Nitroaniline	ND	H	1.2	1	10/30/2020 13:56
3-Nitroaniline	ND	H	1.2	1	10/30/2020 13:56
4-Nitroaniline	ND	H	1.2	1	10/30/2020 13:56
Nitrobenzene	ND	H	0.25	1	10/30/2020 13:56
2-Nitrophenol	ND	H	1.2	1	10/30/2020 13:56
4-Nitrophenol	ND	H	1.2	1	10/30/2020 13:56
N-Nitrosodimethylamine	ND	H	1.2	1	10/30/2020 13:56
N-Nitrosodiphenylamine	ND	H	0.25	1	10/30/2020 13:56
N-Nitrosodi-n-propylamine	ND	H	0.25	1	10/30/2020 13:56
Pentachlorophenol	ND	H	0.062	1	10/30/2020 13:56
Phenanthrene	**0.011**	H	0.0050	1	10/30/2020 13:56
Phenol	ND	H	0.050	1	10/30/2020 13:56
Pyrene	**0.022**	H	0.0025	1	10/30/2020 13:56
Pyridine	ND	H	0.25	1	10/30/2020 13:56
1,2,4-Trichlorobenzene	ND	H	0.25	1	10/30/2020 13:56
2,4,5-Trichlorophenol	ND	H	0.0025	1	10/30/2020 13:56
2,4,6-Trichlorophenol	ND	H	0.013	1	10/30/2020 13:56

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-2.5-3	2010637-022A	Soil	10/12/2020 11:51	GC17 10302020.D	208261

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
2-Fluorophenol	70	H	60-130		10/30/2020 13:56
Phenol-d5	70	H	60-130		10/30/2020 13:56
Nitrobenzene-d5	67	H	60-130		10/30/2020 13:56
2-Fluorobiphenyl	58	SH	60-130		10/30/2020 13:56
2,4,6-Tribromophenol	55	H	50-130		10/30/2020 13:56
4-Terphenyl-d14	62	H	50-130		10/30/2020 13:56

Analyst(s): AK Analytical Comments: c2

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-4.5-5	2010637-023A	Soil	10/12/2020 11:52	GC17 10302023.D	208261

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1-Methylnaphthalene	ND	H	0.0026	2	10/30/2020 15:16
Acenaphthene	ND	H	0.0026	2	10/30/2020 15:16
Acenaphthylene	**0.0027**	H	0.0026	2	10/30/2020 15:16
Acetochlor	ND	H	0.50	2	10/30/2020 15:16
Anthracene	ND	H	0.0026	2	10/30/2020 15:16
Benzidine	ND	H	2.5	2	10/30/2020 15:16
Benzo (a) anthracene	ND	H	0.026	2	10/30/2020 15:16
Benzo (a) pyrene	**0.018**	H	0.0050	2	10/30/2020 15:16
Benzo (b) fluoranthene	**0.019**	H	0.013	2	10/30/2020 15:16
Benzo (g,h,i) perylene	**0.015**	H	0.0050	2	10/30/2020 15:16
Benzo (k) fluoranthene	**0.0055**	H	0.0026	2	10/30/2020 15:16
Benzyl Alcohol	ND	H	2.5	2	10/30/2020 15:16
1,1-Biphenyl	ND	H	0.026	2	10/30/2020 15:16
Bis (2-chloroethoxy) Methane	ND	H	0.50	2	10/30/2020 15:16
Bis (2-chloroethyl) Ether	ND	H	0.0026	2	10/30/2020 15:16
Bis (2-chloroisopropyl) Ether	ND	H	0.0026	2	10/30/2020 15:16
Bis (2-ethylhexyl) Adipate	ND	H	0.50	2	10/30/2020 15:16
Bis (2-ethylhexyl) Phthalate	ND	H	0.050	2	10/30/2020 15:16
4-Bromophenyl Phenyl Ether	ND	H	0.50	2	10/30/2020 15:16
Butylbenzyl Phthalate	ND	H	0.050	2	10/30/2020 15:16
4-Chloroaniline	ND	H	0.0050	2	10/30/2020 15:16
4-Chloro-3-methylphenol	ND	H	0.50	2	10/30/2020 15:16
2-Chloronaphthalene	ND	H	0.50	2	10/30/2020 15:16
2-Chlorophenol	ND	H	0.026	2	10/30/2020 15:16
4-Chlorophenyl Phenyl Ether	ND	H	0.50	2	10/30/2020 15:16
Chrysene	**0.011**	H	0.0050	2	10/30/2020 15:16
Dibenzo (a,h) anthracene	**0.0058**	H	0.0050	2	10/30/2020 15:16
Dibenzofuran	ND	H	0.50	2	10/30/2020 15:16
Di-n-butyl Phthalate	ND	H	0.026	2	10/30/2020 15:16
1,2-Dichlorobenzene	ND	H	0.50	2	10/30/2020 15:16
1,3-Dichlorobenzene	ND	H	0.50	2	10/30/2020 15:16
1,4-Dichlorobenzene	ND	H	0.50	2	10/30/2020 15:16
3,3-Dichlorobenzidine	ND	H	0.0050	2	10/30/2020 15:16
2,4-Dichlorophenol	ND	H	0.0026	2	10/30/2020 15:16
Diethyl Phthalate	ND	H	0.026	2	10/30/2020 15:16
2,4-Dimethylphenol	ND	H	0.50	2	10/30/2020 15:16
Dimethyl Phthalate	ND	H	0.0050	2	10/30/2020 15:16

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-4.5-5	2010637-023A	Soil	10/12/2020 11:52	GC17 10302023.D	208261

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
4,6-Dinitro-2-methylphenol	ND	H	2.5	2	10/30/2020 15:16
2,4-Dinitrophenol	ND	H	0.50	2	10/30/2020 15:16
2,4-Dinitrotoluene	ND	H	0.026	2	10/30/2020 15:16
2,6-Dinitrotoluene	ND	H	0.026	2	10/30/2020 15:16
Di-n-octyl Phthalate	ND	H	0.026	2	10/30/2020 15:16
1,2-Diphenylhydrazine	ND	H	0.50	2	10/30/2020 15:16
Fluoranthene	**0.015**	H	0.0026	2	10/30/2020 15:16
Fluorene	ND	H	0.0050	2	10/30/2020 15:16
Hexachlorobenzene	ND	H	0.0026	2	10/30/2020 15:16
Hexachlorobutadiene	ND	H	0.0050	2	10/30/2020 15:16
Hexachlorocyclopentadiene	ND	H	4.0	2	10/30/2020 15:16
Hexachloroethane	ND	H	0.026	2	10/30/2020 15:16
Indeno (1,2,3-cd) pyrene	ND	H	0.026	2	10/30/2020 15:16
Isophorone	ND	H	0.50	2	10/30/2020 15:16
2-Methylnaphthalene	ND	H	0.0050	2	10/30/2020 15:16
2-Methylphenol (o-Cresol)	ND	H	0.50	2	10/30/2020 15:16
3 & 4-Methylphenol (m,p-Cresol)	ND	H	0.50	2	10/30/2020 15:16
Naphthalene	ND	H	0.0026	2	10/30/2020 15:16
2-Nitroaniline	ND	H	2.5	2	10/30/2020 15:16
3-Nitroaniline	ND	H	2.5	2	10/30/2020 15:16
4-Nitroaniline	ND	H	2.5	2	10/30/2020 15:16
Nitrobenzene	ND	H	0.50	2	10/30/2020 15:16
2-Nitrophenol	ND	H	2.5	2	10/30/2020 15:16
4-Nitrophenol	ND	H	2.5	2	10/30/2020 15:16
N-Nitrosodimethylamine	ND	H	2.5	2	10/30/2020 15:16
N-Nitrosodiphenylamine	ND	H	0.50	2	10/30/2020 15:16
N-Nitrosodi-n-propylamine	ND	H	0.50	2	10/30/2020 15:16
Pentachlorophenol	ND	H	0.12	2	10/30/2020 15:16
Phenanthrene	**0.011**	H	0.010	2	10/30/2020 15:16
Phenol	ND	H	0.10	2	10/30/2020 15:16
Pyrene	**0.016**	H	0.0050	2	10/30/2020 15:16
Pyridine	ND	H	0.50	2	10/30/2020 15:16
1,2,4-Trichlorobenzene	ND	H	0.50	2	10/30/2020 15:16
2,4,5-Trichlorophenol	ND	H	0.0050	2	10/30/2020 15:16
2,4,6-Trichlorophenol	ND	H	0.026	2	10/30/2020 15:16

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-4.5-5	2010637-023A	Soil	10/12/2020 11:52	GC17 10302023.D	208261

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
2-Fluorophenol	30	SH	60-130		10/30/2020 15:16
Phenol-d5	41	SH	60-130		10/30/2020 15:16
Nitrobenzene-d5	19	SH	60-130		10/30/2020 15:16
2-Fluorobiphenyl	44	SH	60-130		10/30/2020 15:16
2,4,6-Tribromophenol	61	H	50-130		10/30/2020 15:16
4-Terphenyl-d14	70	H	50-130		10/30/2020 15:16

Analyst(s): AK Analytical Comments: c2

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-1-1.5	2010637-026A	Soil	10/12/2020 12:15	GC17 10302024.D	208261

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1-Methylnaphthalene	**0.014**	H	0.0026	2	10/30/2020 15:42
Acenaphthene	ND	H	0.0026	2	10/30/2020 15:42
Acenaphthylene	**0.019**	H	0.0026	2	10/30/2020 15:42
Acetochlor	ND	H	0.50	2	10/30/2020 15:42
Anthracene	**0.017**	H	0.0026	2	10/30/2020 15:42
Benzidine	ND	H	2.5	2	10/30/2020 15:42
Benzo (a) anthracene	**0.088**	H	0.026	2	10/30/2020 15:42
Benzo (a) pyrene	**0.11**	H	0.0050	2	10/30/2020 15:42
Benzo (b) fluoranthene	**0.12**	H	0.013	2	10/30/2020 15:42
Benzo (g,h,i) perylene	**0.084**	H	0.0050	2	10/30/2020 15:42
Benzo (k) fluoranthene	**0.040**	H	0.0026	2	10/30/2020 15:42
Benzyl Alcohol	ND	H	2.5	2	10/30/2020 15:42
1,1-Biphenyl	ND	H	0.026	2	10/30/2020 15:42
Bis (2-chloroethoxy) Methane	ND	H	0.50	2	10/30/2020 15:42
Bis (2-chloroethyl) Ether	ND	H	0.0026	2	10/30/2020 15:42
Bis (2-chloroisopropyl) Ether	ND	H	0.0026	2	10/30/2020 15:42
Bis (2-ethylhexyl) Adipate	ND	H	0.50	2	10/30/2020 15:42
Bis (2-ethylhexyl) Phthalate	ND	H	0.050	2	10/30/2020 15:42
4-Bromophenyl Phenyl Ether	ND	H	0.50	2	10/30/2020 15:42
Butylbenzyl Phthalate	ND	H	0.050	2	10/30/2020 15:42
4-Chloroaniline	ND	H	0.0050	2	10/30/2020 15:42
4-Chloro-3-methylphenol	ND	H	0.50	2	10/30/2020 15:42
2-Chloronaphthalene	ND	H	0.50	2	10/30/2020 15:42
2-Chlorophenol	ND	H	0.026	2	10/30/2020 15:42
4-Chlorophenyl Phenyl Ether	ND	H	0.50	2	10/30/2020 15:42
Chrysene	**0.085**	H	0.0050	2	10/30/2020 15:42
Dibenzo (a,h) anthracene	**0.023**	H	0.0050	2	10/30/2020 15:42
Dibenzofuran	ND	H	0.50	2	10/30/2020 15:42
Di-n-butyl Phthalate	ND	H	0.026	2	10/30/2020 15:42
1,2-Dichlorobenzene	ND	H	0.50	2	10/30/2020 15:42
1,3-Dichlorobenzene	ND	H	0.50	2	10/30/2020 15:42
1,4-Dichlorobenzene	ND	H	0.50	2	10/30/2020 15:42
3,3-Dichlorobenzidine	ND	H	0.0050	2	10/30/2020 15:42
2,4-Dichlorophenol	ND	H	0.0026	2	10/30/2020 15:42
Diethyl Phthalate	ND	H	0.026	2	10/30/2020 15:42
2,4-Dimethylphenol	ND	H	0.50	2	10/30/2020 15:42
Dimethyl Phthalate	ND	H	0.0050	2	10/30/2020 15:42

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-1-1.5	2010637-026A	Soil	10/12/2020 12:15	GC17 10302024.D	208261

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
4,6-Dinitro-2-methylphenol	ND	H	2.5	2	10/30/2020 15:42
2,4-Dinitrophenol	ND	H	0.50	2	10/30/2020 15:42
2,4-Dinitrotoluene	ND	H	0.026	2	10/30/2020 15:42
2,6-Dinitrotoluene	ND	H	0.026	2	10/30/2020 15:42
Di-n-octyl Phthalate	ND	H	0.026	2	10/30/2020 15:42
1,2-Diphenylhydrazine	ND	H	0.50	2	10/30/2020 15:42
Fluoranthene	**0.13**	H	0.0026	2	10/30/2020 15:42
Fluorene	**0.0078**	H	0.0050	2	10/30/2020 15:42
Hexachlorobenzene	ND	H	0.0026	2	10/30/2020 15:42
Hexachlorobutadiene	ND	H	0.0050	2	10/30/2020 15:42
Hexachlorocyclopentadiene	ND	H	4.0	2	10/30/2020 15:42
Hexachloroethane	ND	H	0.026	2	10/30/2020 15:42
Indeno (1,2,3-cd) pyrene	**0.069**	H	0.026	2	10/30/2020 15:42
Isophorone	ND	H	0.50	2	10/30/2020 15:42
2-Methylnaphthalene	**0.016**	H	0.0050	2	10/30/2020 15:42
2-Methylphenol (o-Cresol)	ND	H	0.50	2	10/30/2020 15:42
3 & 4-Methylphenol (m,p-Cresol)	ND	H	0.50	2	10/30/2020 15:42
Naphthalene	**0.012**	H	0.0026	2	10/30/2020 15:42
2-Nitroaniline	ND	H	2.5	2	10/30/2020 15:42
3-Nitroaniline	ND	H	2.5	2	10/30/2020 15:42
4-Nitroaniline	ND	H	2.5	2	10/30/2020 15:42
Nitrobenzene	ND	H	0.50	2	10/30/2020 15:42
2-Nitrophenol	ND	H	2.5	2	10/30/2020 15:42
4-Nitrophenol	ND	H	2.5	2	10/30/2020 15:42
N-Nitrosodimethylamine	ND	H	2.5	2	10/30/2020 15:42
N-Nitrosodiphenylamine	ND	H	0.50	2	10/30/2020 15:42
N-Nitrosodi-n-propylamine	ND	H	0.50	2	10/30/2020 15:42
Pentachlorophenol	ND	H	0.12	2	10/30/2020 15:42
Phenanthrene	**0.070**	H	0.010	2	10/30/2020 15:42
Phenol	ND	H	0.10	2	10/30/2020 15:42
Pyrene	ND	H	0.0050	2	10/30/2020 15:42
Pyridine	ND	H	0.50	2	10/30/2020 15:42
1,2,4-Trichlorobenzene	ND	H	0.50	2	10/30/2020 15:42
2,4,5-Trichlorophenol	ND	H	0.0050	2	10/30/2020 15:42
2,4,6-Trichlorophenol	ND	H	0.026	2	10/30/2020 15:42

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-1-1.5	**2010637-026A**	**Soil**	**10/12/2020 12:15**	**GC17 10302024.D**	**208261**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
2-Fluorophenol	73	H	60-130		10/30/2020 15:42
Phenol-d5	70	H	60-130		10/30/2020 15:42
Nitrobenzene-d5	69	H	60-130		10/30/2020 15:42
2-Fluorobiphenyl	60	H	60-130		10/30/2020 15:42
2,4,6-Tribromophenol	56	H	50-130		10/30/2020 15:42
4-Terphenyl-d14	64	H	50-130		10/30/2020 15:42

Analyst(s): AK

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-2.5-3	2010637-027A	Soil	10/12/2020 12:22	GC17 10302025.D	208261

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1-Methylnaphthalene	ND	H	0.0013	1	10/30/2020 16:09
Acenaphthene	ND	H	0.0013	1	10/30/2020 16:09
Acenaphthylene	ND	H	0.0013	1	10/30/2020 16:09
Acetochlor	ND	H	0.25	1	10/30/2020 16:09
Anthracene	ND	H	0.0013	1	10/30/2020 16:09
Benzidine	ND	H	1.2	1	10/30/2020 16:09
Benzo (a) anthracene	ND	H	0.013	1	10/30/2020 16:09
Benzo (a) pyrene	**0.0033**	H	0.0025	1	10/30/2020 16:09
Benzo (b) fluoranthene	ND	H	0.0063	1	10/30/2020 16:09
Benzo (g,h,i) perylene	**0.0030**	H	0.0025	1	10/30/2020 16:09
Benzo (k) fluoranthene	ND	H	0.0013	1	10/30/2020 16:09
Benzyl Alcohol	ND	H	1.2	1	10/30/2020 16:09
1,1-Biphenyl	ND	H	0.013	1	10/30/2020 16:09
Bis (2-chloroethoxy) Methane	ND	H	0.25	1	10/30/2020 16:09
Bis (2-chloroethyl) Ether	ND	H	0.0013	1	10/30/2020 16:09
Bis (2-chloroisopropyl) Ether	ND	H	0.0013	1	10/30/2020 16:09
Bis (2-ethylhexyl) Adipate	ND	H	0.25	1	10/30/2020 16:09
Bis (2-ethylhexyl) Phthalate	ND	H	0.025	1	10/30/2020 16:09
4-Bromophenyl Phenyl Ether	ND	H	0.25	1	10/30/2020 16:09
Butylbenzyl Phthalate	ND	H	0.025	1	10/30/2020 16:09
4-Chloroaniline	ND	H	0.0025	1	10/30/2020 16:09
4-Chloro-3-methylphenol	ND	H	0.25	1	10/30/2020 16:09
2-Chloronaphthalene	ND	H	0.25	1	10/30/2020 16:09
2-Chlorophenol	ND	H	0.013	1	10/30/2020 16:09
4-Chlorophenyl Phenyl Ether	ND	H	0.25	1	10/30/2020 16:09
Chrysene	ND	H	0.0025	1	10/30/2020 16:09
Dibenzo (a,h) anthracene	ND	H	0.0025	1	10/30/2020 16:09
Dibenzofuran	ND	H	0.25	1	10/30/2020 16:09
Di-n-butyl Phthalate	ND	H	0.013	1	10/30/2020 16:09
1,2-Dichlorobenzene	ND	H	0.25	1	10/30/2020 16:09
1,3-Dichlorobenzene	ND	H	0.25	1	10/30/2020 16:09
1,4-Dichlorobenzene	ND	H	0.25	1	10/30/2020 16:09
3,3-Dichlorobenzidine	ND	H	0.0025	1	10/30/2020 16:09
2,4-Dichlorophenol	ND	H	0.0013	1	10/30/2020 16:09
Diethyl Phthalate	ND	H	0.013	1	10/30/2020 16:09
2,4-Dimethylphenol	ND	H	0.25	1	10/30/2020 16:09
Dimethyl Phthalate	ND	H	0.0025	1	10/30/2020 16:09

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-2.5-3	2010637-027A	Soil	10/12/2020 12:22	GC17 10302025.D	208261

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
4,6-Dinitro-2-methylphenol	ND	H	1.2	1	10/30/2020 16:09
2,4-Dinitrophenol	ND	H	0.25	1	10/30/2020 16:09
2,4-Dinitrotoluene	ND	H	0.013	1	10/30/2020 16:09
2,6-Dinitrotoluene	ND	H	0.013	1	10/30/2020 16:09
Di-n-octyl Phthalate	ND	H	0.013	1	10/30/2020 16:09
1,2-Diphenylhydrazine	ND	H	0.25	1	10/30/2020 16:09
Fluoranthene	**0.0037**	H	0.0013	1	10/30/2020 16:09
Fluorene	ND	H	0.0025	1	10/30/2020 16:09
Hexachlorobenzene	ND	H	0.0013	1	10/30/2020 16:09
Hexachlorobutadiene	ND	H	0.0025	1	10/30/2020 16:09
Hexachlorocyclopentadiene	ND	H	2.0	1	10/30/2020 16:09
Hexachloroethane	ND	H	0.013	1	10/30/2020 16:09
Indeno (1,2,3-cd) pyrene	ND	H	0.013	1	10/30/2020 16:09
Isophorone	ND	H	0.25	1	10/30/2020 16:09
2-Methylnaphthalene	ND	H	0.0025	1	10/30/2020 16:09
2-Methylphenol (o-Cresol)	ND	H	0.25	1	10/30/2020 16:09
3 & 4-Methylphenol (m,p-Cresol)	ND	H	0.25	1	10/30/2020 16:09
Naphthalene	ND	H	0.0013	1	10/30/2020 16:09
2-Nitroaniline	ND	H	1.2	1	10/30/2020 16:09
3-Nitroaniline	ND	H	1.2	1	10/30/2020 16:09
4-Nitroaniline	ND	H	1.2	1	10/30/2020 16:09
Nitrobenzene	ND	H	0.25	1	10/30/2020 16:09
2-Nitrophenol	ND	H	1.2	1	10/30/2020 16:09
4-Nitrophenol	ND	H	1.2	1	10/30/2020 16:09
N-Nitrosodimethylamine	ND	H	1.2	1	10/30/2020 16:09
N-Nitrosodiphenylamine	ND	H	0.25	1	10/30/2020 16:09
N-Nitrosodi-n-propylamine	ND	H	0.25	1	10/30/2020 16:09
Pentachlorophenol	ND	H	0.062	1	10/30/2020 16:09
Phenanthrene	ND	H	0.0050	1	10/30/2020 16:09
Phenol	ND	H	0.050	1	10/30/2020 16:09
Pyrene	**0.0035**	H	0.0025	1	10/30/2020 16:09
Pyridine	ND	H	0.25	1	10/30/2020 16:09
1,2,4-Trichlorobenzene	ND	H	0.25	1	10/30/2020 16:09
2,4,5-Trichlorophenol	ND	H	0.0025	1	10/30/2020 16:09
2,4,6-Trichlorophenol	ND	H	0.013	1	10/30/2020 16:09

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-2.5-3	2010637-027A	Soil	10/12/2020 12:22	GC17 10302025.D	208261

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
2-Fluorophenol	73	H	60-130		10/30/2020 16:09
Phenol-d5	73	H	60-130		10/30/2020 16:09
Nitrobenzene-d5	69	H	60-130		10/30/2020 16:09
2-Fluorobiphenyl	63	H	60-130		10/30/2020 16:09
2,4,6-Tribromophenol	57	H	50-130		10/30/2020 16:09
4-Terphenyl-d14	63	H	50-130		10/30/2020 16:09

Analyst(s): AK

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-9.5-10	2010637-029A	Soil	10/12/2020 12:28	GC17 10302026.D	208261

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1-Methylnaphthalene	ND	H	0.0026	2	10/30/2020 16:35
Acenaphthene	ND	H	0.0026	2	10/30/2020 16:35
Acenaphthylene	ND	H	0.0026	2	10/30/2020 16:35
Acetochlor	ND	H	0.50	2	10/30/2020 16:35
Anthracene	**0.0067**	H	0.0026	2	10/30/2020 16:35
Benzidine	ND	H	2.5	2	10/30/2020 16:35
Benzo (a) anthracene	ND	H	0.026	2	10/30/2020 16:35
Benzo (a) pyrene	**0.0077**	H	0.0050	2	10/30/2020 16:35
Benzo (b) fluoranthene	ND	H	0.013	2	10/30/2020 16:35
Benzo (g,h,i) perylene	**0.0084**	H	0.0050	2	10/30/2020 16:35
Benzo (k) fluoranthene	ND	H	0.0026	2	10/30/2020 16:35
Benzyl Alcohol	ND	H	2.5	2	10/30/2020 16:35
1,1-Biphenyl	ND	H	0.026	2	10/30/2020 16:35
Bis (2-chloroethoxy) Methane	ND	H	0.50	2	10/30/2020 16:35
Bis (2-chloroethyl) Ether	ND	H	0.0026	2	10/30/2020 16:35
Bis (2-chloroisopropyl) Ether	ND	H	0.0026	2	10/30/2020 16:35
Bis (2-ethylhexyl) Adipate	ND	H	0.50	2	10/30/2020 16:35
Bis (2-ethylhexyl) Phthalate	ND	H	0.050	2	10/30/2020 16:35
4-Bromophenyl Phenyl Ether	ND	H	0.50	2	10/30/2020 16:35
Butylbenzyl Phthalate	ND	H	0.050	2	10/30/2020 16:35
4-Chloroaniline	ND	H	0.0050	2	10/30/2020 16:35
4-Chloro-3-methylphenol	ND	H	0.50	2	10/30/2020 16:35
2-Chloronaphthalene	ND	H	0.50	2	10/30/2020 16:35
2-Chlorophenol	ND	H	0.026	2	10/30/2020 16:35
4-Chlorophenyl Phenyl Ether	ND	H	0.50	2	10/30/2020 16:35
Chrysene	**0.0092**	H	0.0050	2	10/30/2020 16:35
Dibenzo (a,h) anthracene	ND	H	0.0050	2	10/30/2020 16:35
Dibenzofuran	ND	H	0.50	2	10/30/2020 16:35
Di-n-butyl Phthalate	ND	H	0.026	2	10/30/2020 16:35
1,2-Dichlorobenzene	ND	H	0.50	2	10/30/2020 16:35
1,3-Dichlorobenzene	ND	H	0.50	2	10/30/2020 16:35
1,4-Dichlorobenzene	ND	H	0.50	2	10/30/2020 16:35
3,3-Dichlorobenzidine	ND	H	0.0050	2	10/30/2020 16:35
2,4-Dichlorophenol	ND	H	0.0026	2	10/30/2020 16:35
Diethyl Phthalate	ND	H	0.026	2	10/30/2020 16:35
2,4-Dimethylphenol	ND	H	0.50	2	10/30/2020 16:35
Dimethyl Phthalate	ND	H	0.0050	2	10/30/2020 16:35

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-9.5-10	2010637-029A	Soil	10/12/2020 12:28	GC17 10302026.D	208261

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
4,6-Dinitro-2-methylphenol	ND	H	2.5	2	10/30/2020 16:35
2,4-Dinitrophenol	ND	H	0.50	2	10/30/2020 16:35
2,4-Dinitrotoluene	ND	H	0.026	2	10/30/2020 16:35
2,6-Dinitrotoluene	ND	H	0.026	2	10/30/2020 16:35
Di-n-octyl Phthalate	ND	H	0.026	2	10/30/2020 16:35
1,2-Diphenylhydrazine	ND	H	0.50	2	10/30/2020 16:35
Fluoranthene	**0.0084**	H	0.0026	2	10/30/2020 16:35
Fluorene	ND	H	0.0050	2	10/30/2020 16:35
Hexachlorobenzene	ND	H	0.0026	2	10/30/2020 16:35
Hexachlorobutadiene	ND	H	0.0050	2	10/30/2020 16:35
Hexachlorocyclopentadiene	ND	H	4.0	2	10/30/2020 16:35
Hexachloroethane	ND	H	0.026	2	10/30/2020 16:35
Indeno (1,2,3-cd) pyrene	ND	H	0.026	2	10/30/2020 16:35
Isophorone	ND	H	0.50	2	10/30/2020 16:35
2-Methylnaphthalene	ND	H	0.0050	2	10/30/2020 16:35
2-Methylphenol (o-Cresol)	ND	H	0.50	2	10/30/2020 16:35
3 & 4-Methylphenol (m,p-Cresol)	ND	H	0.50	2	10/30/2020 16:35
Naphthalene	ND	H	0.0026	2	10/30/2020 16:35
2-Nitroaniline	ND	H	2.5	2	10/30/2020 16:35
3-Nitroaniline	ND	H	2.5	2	10/30/2020 16:35
4-Nitroaniline	ND	H	2.5	2	10/30/2020 16:35
Nitrobenzene	ND	H	0.50	2	10/30/2020 16:35
2-Nitrophenol	ND	H	2.5	2	10/30/2020 16:35
4-Nitrophenol	ND	H	2.5	2	10/30/2020 16:35
N-Nitrosodimethylamine	ND	H	2.5	2	10/30/2020 16:35
N-Nitrosodiphenylamine	ND	H	0.50	2	10/30/2020 16:35
N-Nitrosodi-n-propylamine	ND	H	0.50	2	10/30/2020 16:35
Pentachlorophenol	ND	H	0.12	2	10/30/2020 16:35
Phenanthrene	ND	H	0.010	2	10/30/2020 16:35
Phenol	ND	H	0.10	2	10/30/2020 16:35
Pyrene	**0.017**	H	0.0050	2	10/30/2020 16:35
Pyridine	ND	H	0.50	2	10/30/2020 16:35
1,2,4-Trichlorobenzene	ND	H	0.50	2	10/30/2020 16:35
2,4,5-Trichlorophenol	ND	H	0.0050	2	10/30/2020 16:35
2,4,6-Trichlorophenol	ND	H	0.026	2	10/30/2020 16:35

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020-10/30/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-9.5-10	**2010637-029A**	**Soil**	**10/12/2020 12:28**	**GC17 10302026.D**	**208261**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
2-Fluorophenol	72	H	60-130		10/30/2020 16:35
Phenol-d5	71	H	60-130		10/30/2020 16:35
Nitrobenzene-d5	69	H	60-130		10/30/2020 16:35
2-Fluorobiphenyl	60	H	60-130		10/30/2020 16:35
2,4,6-Tribromophenol	57	H	50-130		10/30/2020 16:35
4-Terphenyl-d14	66	H	50-130		10/30/2020 16:35

Analyst(s): AK

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3050B
Date Prepared:	10/28/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-1-1.5	2010637-001A	Soil	10/12/2020 08:15	ICP-MS5 242SMPL.d	208145

Analytes	Result	RL	DF	Date Analyzed
Antimony	**0.51**	0.50	1	10/28/2020 19:25
Arsenic	**5.8**	0.50	1	10/28/2020 19:25
Barium	**130**	5.0	1	10/28/2020 19:25
Beryllium	**0.58**	0.50	1	10/28/2020 19:25
Cadmium	ND	0.50	1	10/28/2020 19:25
Chromium	**64**	0.50	1	10/28/2020 19:25
Cobalt	**12**	0.50	1	10/28/2020 19:25
Copper	**29**	0.50	1	10/28/2020 19:25
Lead	**26**	0.50	1	10/28/2020 19:25
Mercury	**0.14**	0.050	1	10/28/2020 19:25
Molybdenum	ND	0.50	1	10/28/2020 19:25
Nickel	**66**	0.50	1	10/28/2020 19:25
Selenium	ND	0.50	1	10/28/2020 19:25
Silver	ND	0.50	1	10/28/2020 19:25
Thallium	ND	0.50	1	10/28/2020 19:25
Vanadium	**59**	0.50	1	10/28/2020 19:25
Zinc	**58**	5.0	1	10/28/2020 19:25

Surrogates	REC (%)	Limits	
Terbium	100	70-130	10/28/2020 19:25

Analyst(s): DB

(Cont.)

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3050B
Date Prepared:	10/28/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-2.5-3	**2010637-002A**	**Soil**	**10/12/2020 08:18**	**ICP-MS5 243SMPL.d**	**208145**

Analytes	Result	RL	DF	Date Analyzed
Antimony	**1.6**	0.50	1	10/28/2020 19:28
Arsenic	**7.8**	0.50	1	10/28/2020 19:28
Barium	**230**	5.0	1	10/28/2020 19:28
Beryllium	**0.57**	0.50	1	10/28/2020 19:28
Cadmium	ND	0.50	1	10/28/2020 19:28
Chromium	**49**	0.50	1	10/28/2020 19:28
Cobalt	**12**	0.50	1	10/28/2020 19:28
Copper	**48**	0.50	1	10/28/2020 19:28
Lead	**62**	0.50	1	10/28/2020 19:28
Mercury	**0.16**	0.050	1	10/28/2020 19:28
Molybdenum	**0.57**	0.50	1	10/28/2020 19:28
Nickel	**50**	0.50	1	10/28/2020 19:28
Selenium	ND	0.50	1	10/28/2020 19:28
Silver	ND	0.50	1	10/28/2020 19:28
Thallium	ND	0.50	1	10/28/2020 19:28
Vanadium	**50**	0.50	1	10/28/2020 19:28
Zinc	**94**	5.0	1	10/28/2020 19:28

Surrogates	REC (%)	Limits	
Terbium	102	70-130	10/28/2020 19:28

Analyst(s): DB

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3050B
Date Prepared:	10/28/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-14.5-15	2010637-005A	Soil	10/12/2020 08:26	ICP-MS5 244SMPL.d	208145

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	10/28/2020 19:31
Arsenic	**8.5**	0.50	1	10/28/2020 19:31
Barium	**54**	5.0	1	10/28/2020 19:31
Beryllium	**0.58**	0.50	1	10/28/2020 19:31
Cadmium	ND	0.50	1	10/28/2020 19:31
Chromium	**60**	0.50	1	10/28/2020 19:31
Cobalt	**11**	0.50	1	10/28/2020 19:31
Copper	**23**	0.50	1	10/28/2020 19:31
Lead	**37**	0.50	1	10/28/2020 19:31
Mercury	**0.078**	0.050	1	10/28/2020 19:31
Molybdenum	**0.69**	0.50	1	10/28/2020 19:31
Nickel	**67**	0.50	1	10/28/2020 19:31
Selenium	ND	0.50	1	10/28/2020 19:31
Silver	ND	0.50	1	10/28/2020 19:31
Thallium	ND	0.50	1	10/28/2020 19:31
Vanadium	**48**	0.50	1	10/28/2020 19:31
Zinc	**76**	5.0	1	10/28/2020 19:31

Surrogates	REC (%)	Limits	
Terbium	105	70-130	10/28/2020 19:31

Analyst(s): DB

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3050B
Date Prepared:	10/28/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-1-1.5	2010637-006A	Soil	10/12/2020 09:16	ICP-MS5 245SMPL.d	208145

Analytes	Result	RL	DF	Date Analyzed
Antimony	**0.58**	0.50	1	10/28/2020 19:35
Arsenic	**17**	0.50	1	10/28/2020 19:35
Barium	**150**	5.0	1	10/28/2020 19:35
Beryllium	**0.55**	0.50	1	10/28/2020 19:35
Cadmium	ND	0.50	1	10/28/2020 19:35
Chromium	**210**	0.50	1	10/28/2020 19:35
Cobalt	**51**	0.50	1	10/28/2020 19:35
Copper	**43**	0.50	1	10/28/2020 19:35
Lead	**22**	0.50	1	10/28/2020 19:35
Mercury	**0.11**	0.050	1	10/28/2020 19:35
Molybdenum	**1.7**	0.50	1	10/28/2020 19:35
Nickel	**480**	5.0	10	10/29/2020 11:01
Selenium	ND	0.50	1	10/28/2020 19:35
Silver	ND	0.50	1	10/28/2020 19:35
Thallium	ND	0.50	1	10/28/2020 19:35
Vanadium	**47**	0.50	1	10/28/2020 19:35
Zinc	**82**	5.0	1	10/28/2020 19:35

Surrogates	REC (%)	Limits	
Terbium	101	70-130	10/28/2020 19:35

Analyst(s): DB, WV

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3050B
Date Prepared:	10/28/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-2.5-3	2010637-007A	Soil	10/12/2020 09:17	ICP-MS5 246SMPL.d	208145

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	10/28/2020 19:38
Arsenic	**6.4**	0.50	1	10/28/2020 19:38
Barium	**160**	5.0	1	10/28/2020 19:38
Beryllium	**0.58**	0.50	1	10/28/2020 19:38
Cadmium	ND	0.50	1	10/28/2020 19:38
Chromium	**300**	0.50	1	10/28/2020 19:38
Cobalt	**40**	0.50	1	10/28/2020 19:38
Copper	**35**	0.50	1	10/28/2020 19:38
Lead	**10**	0.50	1	10/28/2020 19:38
Mercury	**0.054**	0.050	1	10/28/2020 19:38
Molybdenum	ND	0.50	1	10/28/2020 19:38
Nickel	**590**	5.0	10	10/29/2020 11:04
Selenium	ND	0.50	1	10/28/2020 19:38
Silver	ND	0.50	1	10/28/2020 19:38
Thallium	ND	0.50	1	10/28/2020 19:38
Vanadium	**56**	0.50	1	10/28/2020 19:38
Zinc	**65**	5.0	1	10/28/2020 19:38

Surrogates	REC (%)	Limits	
Terbium	98	70-130	10/28/2020 19:38

Analyst(s): DB, WV

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3050B
Date Prepared:	10/28/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-9.5-10	2010637-009A	Soil	10/12/2020 09:22	ICP-MS5 247SMPL.d	208145

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	10/28/2020 19:41
Arsenic	**6.9**	0.50	1	10/28/2020 19:41
Barium	**320**	5.0	1	10/28/2020 19:41
Beryllium	**0.60**	0.50	1	10/28/2020 19:41
Cadmium	ND	0.50	1	10/28/2020 19:41
Chromium	**62**	0.50	1	10/28/2020 19:41
Cobalt	**13**	0.50	1	10/28/2020 19:41
Copper	**26**	0.50	1	10/28/2020 19:41
Lead	**12**	0.50	1	10/28/2020 19:41
Mercury	**0.29**	0.050	1	10/28/2020 19:41
Molybdenum	**0.50**	0.50	1	10/28/2020 19:41
Nickel	**89**	0.50	1	10/28/2020 19:41
Selenium	ND	0.50	1	10/28/2020 19:41
Silver	ND	0.50	1	10/28/2020 19:41
Thallium	ND	0.50	1	10/28/2020 19:41
Vanadium	**42**	0.50	1	10/28/2020 19:41
Zinc	**57**	5.0	1	10/28/2020 19:41

Surrogates	REC (%)	Limits	
Terbium	100	70-130	10/28/2020 19:41

Analyst(s): DB

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3050B
Date Prepared:	10/28/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-1-1.5	2010637-011A	Soil	10/12/2020 10:04	ICP-MS5 248SMPL.d	208145

Analytes	Result	RL	DF	Date Analyzed
Antimony	**10**	0.50	1	10/28/2020 19:45
Arsenic	**11**	0.50	1	10/28/2020 19:45
Barium	**240**	5.0	1	10/28/2020 19:45
Beryllium	**0.73**	0.50	1	10/28/2020 19:45
Cadmium	ND	0.50	1	10/28/2020 19:45
Chromium	**62**	0.50	1	10/28/2020 19:45
Cobalt	**26**	0.50	1	10/28/2020 19:45
Copper	**120**	0.50	1	10/28/2020 19:45
Lead	**46**	0.50	1	10/28/2020 19:45
Mercury	**2.6**	0.050	1	10/28/2020 19:45
Molybdenum	**0.67**	0.50	1	10/28/2020 19:45
Nickel	**63**	0.50	1	10/28/2020 19:45
Selenium	**0.83**	0.50	1	10/28/2020 19:45
Silver	ND	0.50	1	10/28/2020 19:45
Thallium	**1.9**	0.50	1	10/28/2020 19:45
Vanadium	**69**	0.50	1	10/28/2020 19:45
Zinc	**94**	5.0	1	10/28/2020 19:45

Surrogates	REC (%)	Limits	
Terbium	101	70-130	10/28/2020 19:45

Analyst(s): DB

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3050B
Date Prepared:	10/28/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-2.5-3	2010637-012A	Soil	10/12/2020 10:07	ICP-MS5 249SMPL.d	208145

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Antimony	**0.62**		0.50	1	10/28/2020 19:48
Arsenic	**4.3**		0.50	1	10/28/2020 19:48
Barium	**130**		5.0	1	10/28/2020 19:48
Beryllium	ND		0.50	1	10/28/2020 19:48
Cadmium	**0.57**	B	0.50	1	10/28/2020 19:48
Chromium	**51**		0.50	1	10/28/2020 19:48
Cobalt	**11**		0.50	1	10/28/2020 19:48
Copper	**32**		0.50	1	10/28/2020 19:48
Lead	**120**		0.50	1	10/28/2020 19:48
Mercury	**0.13**		0.050	1	10/28/2020 19:48
Molybdenum	ND		0.50	1	10/28/2020 19:48
Nickel	**50**		0.50	1	10/28/2020 19:48
Selenium	ND		0.50	1	10/28/2020 19:48
Silver	ND		0.50	1	10/28/2020 19:48
Thallium	ND		0.50	1	10/28/2020 19:48
Vanadium	**55**		0.50	1	10/28/2020 19:48
Zinc	**120**		5.0	1	10/28/2020 19:48

Surrogates	REC (%)	Limits	
Terbium	101	70-130	10/28/2020 19:48

Analyst(s): DB

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3050B
Date Prepared:	10/28/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-4.5-5	2010637-013A	Soil	10/12/2020 10:05	ICP-MS5 253SMPL.d	208145

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Antimony	**1.2**		0.50	1	10/28/2020 20:01
Arsenic	**10**		0.50	1	10/28/2020 20:01
Barium	**240**		5.0	1	10/28/2020 20:01
Beryllium	**0.63**		0.50	1	10/28/2020 20:01
Cadmium	**0.52**	B	0.50	1	10/28/2020 20:01
Chromium	**45**		0.50	1	10/28/2020 20:01
Cobalt	**14**		0.50	1	10/28/2020 20:01
Copper	**37**		0.50	1	10/28/2020 20:01
Lead	**170**		0.50	1	10/28/2020 20:01
Mercury	**0.66**		0.050	1	10/28/2020 20:01
Molybdenum	**0.75**		0.50	1	10/28/2020 20:01
Nickel	**52**		0.50	1	10/28/2020 20:01
Selenium	ND		0.50	1	10/28/2020 20:01
Silver	ND		0.50	1	10/28/2020 20:01
Thallium	ND		0.50	1	10/28/2020 20:01
Vanadium	**54**		0.50	1	10/28/2020 20:01
Zinc	**110**		5.0	1	10/28/2020 20:01

Surrogates	REC (%)	Limits	
Terbium	101	70-130	10/28/2020 20:01

Analyst(s): DB

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3050B
Date Prepared:	10/28/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-1-1.5	2010637-016A	Soil	10/12/2020 10:42	ICP-MS5 254SMPL.d	208145

Analytes	Result	RL	DF	Date Analyzed
Antimony	**1.1**	0.50	1	10/28/2020 20:05
Arsenic	**9.8**	0.50	1	10/28/2020 20:05
Barium	**250**	5.0	1	10/28/2020 20:05
Beryllium	**0.84**	0.50	1	10/28/2020 20:05
Cadmium	ND	0.50	1	10/28/2020 20:05
Chromium	**38**	0.50	1	10/28/2020 20:05
Cobalt	**15**	0.50	1	10/28/2020 20:05
Copper	**41**	0.50	1	10/28/2020 20:05
Lead	**24**	0.50	1	10/28/2020 20:05
Mercury	**0.14**	0.050	1	10/28/2020 20:05
Molybdenum	**2.1**	0.50	1	10/28/2020 20:05
Nickel	**46**	0.50	1	10/28/2020 20:05
Selenium	ND	0.50	1	10/28/2020 20:05
Silver	ND	0.50	1	10/28/2020 20:05
Thallium	ND	0.50	1	10/28/2020 20:05
Vanadium	**43**	0.50	1	10/28/2020 20:05
Zinc	**110**	5.0	1	10/28/2020 20:05

Surrogates	REC (%)	Limits	
Terbium	101	70-130	10/28/2020 20:05

Analyst(s): DB

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3050B
Date Prepared:	10/28/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-2.5-3	2010637-017A	Soil	10/12/2020 10:43	ICP-MS5 255SMPL.d	208145

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Antimony	**2.2**		0.50	1	10/28/2020 20:08
Arsenic	**9.4**		0.50	1	10/28/2020 20:08
Barium	**560**		5.0	1	10/28/2020 20:08
Beryllium	**0.95**		0.50	1	10/28/2020 20:08
Cadmium	**0.61**	B	0.50	1	10/28/2020 20:08
Chromium	**49**		0.50	1	10/28/2020 20:08
Cobalt	**16**		0.50	1	10/28/2020 20:08
Copper	**150**		0.50	1	10/28/2020 20:08
Lead	**81**		0.50	1	10/28/2020 20:08
Mercury	**0.36**		0.050	1	10/28/2020 20:08
Molybdenum	**1.1**		0.50	1	10/28/2020 20:08
Nickel	**59**		0.50	1	10/28/2020 20:08
Selenium	**0.58**		0.50	1	10/28/2020 20:08
Silver	ND		0.50	1	10/28/2020 20:08
Thallium	ND		0.50	1	10/28/2020 20:08
Vanadium	**65**		0.50	1	10/28/2020 20:08
Zinc	**120**		5.0	1	10/28/2020 20:08

Surrogates	REC (%)	Limits	
Terbium	101	70-130	10/28/2020 20:08

Analyst(s): DB

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3050B
Date Prepared:	10/28/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-9.5-10	2010637-019A	Soil	10/12/2020 10:59	ICP-MS5 256SMPL.d	208145

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	10/28/2020 20:11
Arsenic	**3.9**	0.50	1	10/28/2020 20:11
Barium	**120**	5.0	1	10/28/2020 20:11
Beryllium	ND	0.50	1	10/28/2020 20:11
Cadmium	ND	0.50	1	10/28/2020 20:11
Chromium	**190**	0.50	1	10/28/2020 20:11
Cobalt	**22**	0.50	1	10/28/2020 20:11
Copper	**13**	0.50	1	10/28/2020 20:11
Lead	**440**	0.50	1	10/28/2020 20:11
Mercury	**0.072**	0.050	1	10/28/2020 20:11
Molybdenum	ND	0.50	1	10/28/2020 20:11
Nickel	**430**	0.50	1	10/28/2020 20:11
Selenium	ND	0.50	1	10/28/2020 20:11
Silver	ND	0.50	1	10/28/2020 20:11
Thallium	ND	0.50	1	10/28/2020 20:11
Vanadium	**40**	0.50	1	10/28/2020 20:11
Zinc	**74**	5.0	1	10/28/2020 20:11

Surrogates	REC (%)	Limits	
Terbium	93	70-130	10/28/2020 20:11

Analyst(s): DB

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3050B
Date Prepared:	10/28/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-1-1.5	2010637-021A	Soil	10/12/2020 11:50	ICP-MS5 257SMPL.d	208145

Analytes	Result	RL	DF	Date Analyzed
Antimony	**0.91**	0.50	1	10/28/2020 20:15
Arsenic	**8.2**	0.50	1	10/28/2020 20:15
Barium	**310**	5.0	1	10/28/2020 20:15
Beryllium	**0.81**	0.50	1	10/28/2020 20:15
Cadmium	ND	0.50	1	10/28/2020 20:15
Chromium	**45**	0.50	1	10/28/2020 20:15
Cobalt	**15**	0.50	1	10/28/2020 20:15
Copper	**50**	0.50	1	10/28/2020 20:15
Lead	**38**	0.50	1	10/28/2020 20:15
Mercury	**0.31**	0.050	1	10/28/2020 20:15
Molybdenum	**1.2**	0.50	1	10/28/2020 20:15
Nickel	**61**	0.50	1	10/28/2020 20:15
Selenium	**0.56**	0.50	1	10/28/2020 20:15
Silver	ND	0.50	1	10/28/2020 20:15
Thallium	ND	0.50	1	10/28/2020 20:15
Vanadium	**53**	0.50	1	10/28/2020 20:15
Zinc	**98**	5.0	1	10/28/2020 20:15

Surrogates	REC (%)	Limits	
Terbium	95	70-130	10/28/2020 20:15

Analyst(s): DB

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3050B
Date Prepared:	10/28/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-2.5-3	2010637-022A	Soil	10/12/2020 11:51	ICP-MS5 258SMPL.d	208145

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Antimony	**0.83**		0.50	1	10/28/2020 20:18
Arsenic	**5.0**		0.50	1	10/28/2020 20:18
Barium	**150**		5.0	1	10/28/2020 20:18
Beryllium	ND		0.50	1	10/28/2020 20:18
Cadmium	**0.66**	B	0.50	1	10/28/2020 20:18
Chromium	**79**		0.50	1	10/28/2020 20:18
Cobalt	**10**		0.50	1	10/28/2020 20:18
Copper	**21**		0.50	1	10/28/2020 20:18
Lead	**110**		0.50	1	10/28/2020 20:18
Mercury	**0.53**		0.050	1	10/28/2020 20:18
Molybdenum	ND		0.50	1	10/28/2020 20:18
Nickel	**56**		0.50	1	10/28/2020 20:18
Selenium	ND		0.50	1	10/28/2020 20:18
Silver	ND		0.50	1	10/28/2020 20:18
Thallium	ND		0.50	1	10/28/2020 20:18
Vanadium	**47**		0.50	1	10/28/2020 20:18
Zinc	**130**		5.0	1	10/28/2020 20:18

Surrogates	REC (%)	Limits	
Terbium	97	70-130	10/28/2020 20:18

Analyst(s): DB

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3050B
Date Prepared:	10/28/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-4.5-5	2010637-023A	Soil	10/12/2020 11:52	ICP-MS5 259SMPL.d	208145

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	10/28/2020 20:21
Arsenic	**8.1**	0.50	1	10/28/2020 20:21
Barium	**190**	5.0	1	10/28/2020 20:21
Beryllium	**0.56**	0.50	1	10/28/2020 20:21
Cadmium	ND	0.50	1	10/28/2020 20:21
Chromium	**78**	0.50	1	10/28/2020 20:21
Cobalt	**17**	0.50	1	10/28/2020 20:21
Copper	**24**	0.50	1	10/28/2020 20:21
Lead	**31**	0.50	1	10/28/2020 20:21
Mercury	**0.10**	0.050	1	10/28/2020 20:21
Molybdenum	**0.76**	0.50	1	10/28/2020 20:21
Nickel	**140**	0.50	1	10/28/2020 20:21
Selenium	ND	0.50	1	10/28/2020 20:21
Silver	ND	0.50	1	10/28/2020 20:21
Thallium	ND	0.50	1	10/28/2020 20:21
Vanadium	**51**	0.50	1	10/28/2020 20:21
Zinc	**66**	5.0	1	10/28/2020 20:21

Surrogates	REC (%)	Limits	
Terbium	92	70-130	10/28/2020 20:21

Analyst(s): DB

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3050B
Date Prepared:	10/28/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-1-1.5	2010637-026A	Soil	10/12/2020 12:15	ICP-MS5 260SMPL.d	208145

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Antimony	**1.3**		0.50	1	10/28/2020 20:24
Arsenic	**10**		0.50	1	10/28/2020 20:24
Barium	**320**		5.0	1	10/28/2020 20:24
Beryllium	**0.80**		0.50	1	10/28/2020 20:24
Cadmium	**3.6**	B	0.50	1	10/28/2020 20:24
Chromium	**97**		0.50	1	10/28/2020 20:24
Cobalt	**20**		0.50	1	10/28/2020 20:24
Copper	**57**		0.50	1	10/28/2020 20:24
Lead	**150**		0.50	1	10/28/2020 20:24
Mercury	**1.3**		0.050	1	10/28/2020 20:24
Molybdenum	**1.0**		0.50	1	10/28/2020 20:24
Nickel	**130**		0.50	1	10/28/2020 20:24
Selenium	**0.64**		0.50	1	10/28/2020 20:24
Silver	ND		0.50	1	10/28/2020 20:24
Thallium	ND		0.50	1	10/28/2020 20:24
Vanadium	**68**		0.50	1	10/28/2020 20:24
Zinc	**140**		5.0	1	10/28/2020 20:24

Surrogates	REC (%)	Limits	
Terbium	105	70-130	10/28/2020 20:24

Analyst(s): DB

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3050B
Date Prepared:	10/28/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-2.5-3	2010637-027A	Soil	10/12/2020 12:22	ICP-MS4 289SMPL.d	208145

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	10/28/2020 22:51
Arsenic	**2.2**	0.50	1	10/28/2020 22:51
Barium	**67**	5.0	1	10/28/2020 22:51
Beryllium	ND	0.50	1	10/28/2020 22:51
Cadmium	ND	0.50	1	10/28/2020 22:51
Chromium	**55**	0.50	1	10/28/2020 22:51
Cobalt	**7.3**	0.50	1	10/28/2020 22:51
Copper	**9.6**	0.50	1	10/28/2020 22:51
Lead	**13**	0.50	1	10/28/2020 22:51
Mercury	**0.064**	0.050	1	10/28/2020 22:51
Molybdenum	ND	0.50	1	10/28/2020 22:51
Nickel	**61**	0.50	1	10/28/2020 22:51
Selenium	ND	0.50	1	10/28/2020 22:51
Silver	ND	0.50	1	10/28/2020 22:51
Thallium	ND	0.50	1	10/28/2020 22:51
Vanadium	**29**	0.50	1	10/28/2020 22:51
Zinc	**34**	5.0	1	10/28/2020 22:51

Surrogates	REC (%)	Limits	
Terbium	95	70-130	10/28/2020 22:51

Analyst(s): WV

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3050B
Date Prepared:	10/28/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-9.5-10	2010637-029A	Soil	10/12/2020 12:28	ICP-MS4 290SMPL.d	208145

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	10/28/2020 22:55
Arsenic	**4.9**	0.50	1	10/28/2020 22:55
Barium	**110**	5.0	1	10/28/2020 22:55
Beryllium	**0.54**	0.50	1	10/28/2020 22:55
Cadmium	ND	0.50	1	10/28/2020 22:55
Chromium	**180**	0.50	1	10/28/2020 22:55
Cobalt	**23**	0.50	1	10/28/2020 22:55
Copper	**25**	0.50	1	10/28/2020 22:55
Lead	**21**	0.50	1	10/28/2020 22:55
Mercury	**0.083**	0.050	1	10/28/2020 22:55
Molybdenum	ND	0.50	1	10/28/2020 22:55
Nickel	**170**	0.50	1	10/28/2020 22:55
Selenium	**1.4**	0.50	1	10/28/2020 22:55
Silver	ND	0.50	1	10/28/2020 22:55
Thallium	ND	0.50	1	10/28/2020 22:55
Vanadium	**66**	0.50	1	10/28/2020 22:55
Zinc	**49**	5.0	1	10/28/2020 22:55

Surrogates	REC (%)	Limits	
Terbium	100	70-130	10/28/2020 22:55

Analyst(s): WV

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	CARB 435 Asbestos
Date Prepared:	10/27/2020	**Analytical Method:**	435 CARB
Project:	770634903; Burlingame Shoreline Park	**Unit:**	%

Asbestos (CARB 435) 400 Point Count

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-14.5-15	2010637-005A	Soil	10/12/2020 08:26	Microscope	208355

Analytes	Result	RL	DF	Date Analyzed
Asbestos	ND	NA	1	10/28/2020 11:00

Analyst(s): DA Analytical Comments: k10

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-9.5-10	2010637-019A	Soil	10/12/2020 10:59	Microscope	208355

Analytes	Result	RL	DF	Date Analyzed
Asbestos	**0.50**	0.25	1	10/28/2020 12:20

Analyst(s): DA Analytical Comments: k15

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-9.5-10	2010637-029A	Soil	10/12/2020 12:28	Microscope	208355

Analytes	Result	RL	DF	Date Analyzed
Asbestos	ND	NA	1	10/29/2020 10:00

Analyst(s): DA Analytical Comments: k10

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5035
Date Prepared:	10/27/2020-10/29/2020	**Analytical Method:**	SW8021B/8015Bm
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-1-1.5	2010637-001A	Soil	10/12/2020 08:15	GC19 10292012.D	208138

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	H	1.0	1	10/29/2020 18:19
MTBE	---		0.050	1	10/29/2020 18:19
Benzene	---		0.0050	1	10/29/2020 18:19
Toluene	---		0.0050	1	10/29/2020 18:19
Ethylbenzene	---		0.0050	1	10/29/2020 18:19
m,p-Xylene	---		0.010	1	10/29/2020 18:19
o-Xylene	---		0.0050	1	10/29/2020 18:19
Xylenes	---		0.0050	1	10/29/2020 18:19

Surrogates	REC (%)	Qualifiers	Limits	
2-Fluorotoluene	93	H	62-126	10/29/2020 18:19

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-2.5-3	2010637-002A	Soil	10/12/2020 08:18	GC19 10292015.D	208138

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	H	1.0	1	10/29/2020 19:51
MTBE	---		0.050	1	10/29/2020 19:51
Benzene	---		0.0050	1	10/29/2020 19:51
Toluene	---		0.0050	1	10/29/2020 19:51
Ethylbenzene	---		0.0050	1	10/29/2020 19:51
m,p-Xylene	---		0.010	1	10/29/2020 19:51
o-Xylene	---		0.0050	1	10/29/2020 19:51
Xylenes	---		0.0050	1	10/29/2020 19:51

Surrogates	REC (%)	Qualifiers	Limits	
2-Fluorotoluene	97	H	62-126	10/29/2020 19:51

Analyst(s): IA

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5035
Date Prepared:	10/27/2020-10/29/2020	**Analytical Method:**	SW8021B/8015Bm
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-14.5-15	**2010637-005A**	**Soil**	**10/12/2020 08:26**	**GC3 10312023.D**	**208143**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	H	1.0	1	11/01/2020 05:25
MTBE	---		0.050	1	11/01/2020 05:25
Benzene	---		0.0050	1	11/01/2020 05:25
Toluene	---		0.0050	1	11/01/2020 05:25
Ethylbenzene	---		0.0050	1	11/01/2020 05:25
m,p-Xylene	---		0.010	1	11/01/2020 05:25
o-Xylene	---		0.0050	1	11/01/2020 05:25
Xylenes	---		0.0050	1	11/01/2020 05:25

Surrogates	REC (%)	Qualifiers	Limits	
2-Fluorotoluene	69	H	62-126	11/01/2020 05:25

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-1-1.5	**2010637-006A**	**Soil**	**10/12/2020 09:16**	**GC3 10312024.D**	**208143**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**1.1**	H	1.0	1	11/01/2020 05:55
MTBE	---		0.050	1	11/01/2020 05:55
Benzene	---		0.0050	1	11/01/2020 05:55
Toluene	---		0.0050	1	11/01/2020 05:55
Ethylbenzene	---		0.0050	1	11/01/2020 05:55
m,p-Xylene	---		0.010	1	11/01/2020 05:55
o-Xylene	---		0.0050	1	11/01/2020 05:55
Xylenes	---		0.0050	1	11/01/2020 05:55

Surrogates	REC (%)	Qualifiers	Limits	
2-Fluorotoluene	94	H	62-126	11/01/2020 05:55

Analyst(s): IA Analytical Comments: d1

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5035
Date Prepared:	10/27/2020-10/29/2020	**Analytical Method:**	SW8021B/8015Bm
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-2.5-3	**2010637-007A**	**Soil**	**10/12/2020 09:17**	**GC3 10312026.D**	**208143**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	H	1.0	1	11/01/2020 06:55
MTBE	---		0.050	1	11/01/2020 06:55
Benzene	---		0.0050	1	11/01/2020 06:55
Toluene	---		0.0050	1	11/01/2020 06:55
Ethylbenzene	---		0.0050	1	11/01/2020 06:55
m,p-Xylene	---		0.010	1	11/01/2020 06:55
o-Xylene	---		0.0050	1	11/01/2020 06:55
Xylenes	---		0.0050	1	11/01/2020 06:55

Surrogates	REC (%)	Qualifiers	Limits	
2-Fluorotoluene	92	H	62-126	11/01/2020 06:55

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-9.5-10	**2010637-009A**	**Soil**	**10/12/2020 09:22**	**GC3 10312030.D**	**208143**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**2.3**	H	1.0	1	11/01/2020 08:55
MTBE	---		0.050	1	11/01/2020 08:55
Benzene	---		0.0050	1	11/01/2020 08:55
Toluene	---		0.0050	1	11/01/2020 08:55
Ethylbenzene	---		0.0050	1	11/01/2020 08:55
m,p-Xylene	---		0.010	1	11/01/2020 08:55
o-Xylene	---		0.0050	1	11/01/2020 08:55
Xylenes	---		0.0050	1	11/01/2020 08:55

Surrogates	REC (%)	Qualifiers	Limits	
2-Fluorotoluene	89	H	62-126	11/01/2020 08:55

Analyst(s): IA Analytical Comments: d1

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5035
Date Prepared:	10/27/2020-10/29/2020	**Analytical Method:**	SW8021B/8015Bm
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-1-1.5	2010637-011A	Soil	10/12/2020 10:04	GC3 10312031.D	208143

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	H	1.0	1	11/01/2020 08:25
MTBE	---		0.050	1	11/01/2020 08:25
Benzene	---		0.0050	1	11/01/2020 08:25
Toluene	---		0.0050	1	11/01/2020 08:25
Ethylbenzene	---		0.0050	1	11/01/2020 08:25
m,p-Xylene	---		0.010	1	11/01/2020 08:25
o-Xylene	---		0.0050	1	11/01/2020 08:25
Xylenes	---		0.0050	1	11/01/2020 08:25

Surrogates	REC (%)	Qualifiers	Limits	
2-Fluorotoluene	97	H	62-126	11/01/2020 08:25

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-2.5-3	2010637-012A	Soil	10/12/2020 10:07	GC7 10312022.D	208143

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	H	1.0	1	11/01/2020 04:28
MTBE	---		0.050	1	11/01/2020 04:28
Benzene	---		0.0050	1	11/01/2020 04:28
Toluene	---		0.0050	1	11/01/2020 04:28
Ethylbenzene	---		0.0050	1	11/01/2020 04:28
m,p-Xylene	---		0.010	1	11/01/2020 04:28
o-Xylene	---		0.0050	1	11/01/2020 04:28
Xylenes	---		0.0050	1	11/01/2020 04:28

Surrogates	REC (%)	Qualifiers	Limits	
2-Fluorotoluene	99	H	62-126	11/01/2020 04:28

Analyst(s): IA

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5035
Date Prepared:	10/27/2020-10/29/2020	**Analytical Method:**	SW8021B/8015Bm
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-4.5-5	2010637-013A	Soil	10/12/2020 10:05	GC7 10312024.D	208143

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	H	1.0	1	11/01/2020 05:27
MTBE	---		0.050	1	11/01/2020 05:27
Benzene	---		0.0050	1	11/01/2020 05:27
Toluene	---		0.0050	1	11/01/2020 05:27
Ethylbenzene	---		0.0050	1	11/01/2020 05:27
m,p-Xylene	---		0.010	1	11/01/2020 05:27
o-Xylene	---		0.0050	1	11/01/2020 05:27
Xylenes	---		0.0050	1	11/01/2020 05:27

Surrogates	REC (%)	Qualifiers	Limits	
2-Fluorotoluene	94	H	62-126	11/01/2020 05:27

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-1-1.5	2010637-016A	Soil	10/12/2020 10:42	GC7 10312025.D	208143

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	H	1.0	1	11/01/2020 05:56
MTBE	---		0.050	1	11/01/2020 05:56
Benzene	---		0.0050	1	11/01/2020 05:56
Toluene	---		0.0050	1	11/01/2020 05:56
Ethylbenzene	---		0.0050	1	11/01/2020 05:56
m,p-Xylene	---		0.010	1	11/01/2020 05:56
o-Xylene	---		0.0050	1	11/01/2020 05:56
Xylenes	---		0.0050	1	11/01/2020 05:56

Surrogates	REC (%)	Qualifiers	Limits	
2-Fluorotoluene	102	H	62-126	11/01/2020 05:56

Analyst(s): IA

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5035
Date Prepared:	10/27/2020-10/29/2020	**Analytical Method:**	SW8021B/8015Bm
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-2.5-3	2010637-017A	Soil	10/12/2020 10:43	GC7 10312026.D	208143

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**4.0**	H	1.0	1	11/01/2020 06:26
MTBE	---		0.050	1	11/01/2020 06:26
Benzene	---		0.0050	1	11/01/2020 06:26
Toluene	---		0.0050	1	11/01/2020 06:26
Ethylbenzene	---		0.0050	1	11/01/2020 06:26
m,p-Xylene	---		0.010	1	11/01/2020 06:26
o-Xylene	---		0.0050	1	11/01/2020 06:26
Xylenes	---		0.0050	1	11/01/2020 06:26

Surrogates	REC (%)	Qualifiers	Limits	
2-Fluorotoluene	95	H	62-126	11/01/2020 06:26

Analyst(s): IA Analytical Comments: d1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-9.5-10	2010637-019A	Soil	10/12/2020 10:59	GC7 10312027.D	208143

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	H	1.0	1	11/01/2020 06:55
MTBE	---		0.050	1	11/01/2020 06:55
Benzene	---		0.0050	1	11/01/2020 06:55
Toluene	---		0.0050	1	11/01/2020 06:55
Ethylbenzene	---		0.0050	1	11/01/2020 06:55
m,p-Xylene	---		0.010	1	11/01/2020 06:55
o-Xylene	---		0.0050	1	11/01/2020 06:55
Xylenes	---		0.0050	1	11/01/2020 06:55

Surrogates	REC (%)	Qualifiers	Limits	
2-Fluorotoluene	88	H	62-126	11/01/2020 06:55

Analyst(s): IA

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5035
Date Prepared:	10/27/2020-10/29/2020	**Analytical Method:**	SW8021B/8015Bm
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-1-1.5	2010637-021A	Soil	10/12/2020 11:50	GC7 10302028.D	208342

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**1.0**	H	1.0	1	10/31/2020 03:45
MTBE	---		0.050	1	10/31/2020 03:45
Benzene	---		0.0050	1	10/31/2020 03:45
Toluene	---		0.0050	1	10/31/2020 03:45
Ethylbenzene	---		0.0050	1	10/31/2020 03:45
m,p-Xylene	---		0.010	1	10/31/2020 03:45
o-Xylene	---		0.0050	1	10/31/2020 03:45
Xylenes	---		0.0050	1	10/31/2020 03:45

Surrogates	REC (%)	Qualifiers	Limits	
2-Fluorotoluene	95	H	62-126	10/31/2020 03:45

Analyst(s): IA Analytical Comments: d1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-2.5-3	2010637-022A	Soil	10/12/2020 11:51	GC7 10302032.D	208143

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	H	1.0	1	10/31/2020 05:43
MTBE	---		0.050	1	10/31/2020 05:43
Benzene	---		0.0050	1	10/31/2020 05:43
Toluene	---		0.0050	1	10/31/2020 05:43
Ethylbenzene	---		0.0050	1	10/31/2020 05:43
m,p-Xylene	---		0.010	1	10/31/2020 05:43
o-Xylene	---		0.0050	1	10/31/2020 05:43
Xylenes	---		0.0050	1	10/31/2020 05:43

Surrogates	REC (%)	Qualifiers	Limits	
2-Fluorotoluene	92	H	62-126	10/31/2020 05:43

Analyst(s): IA

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5035
Date Prepared:	10/27/2020-10/29/2020	**Analytical Method:**	SW8021B/8015Bm
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-4.5-5	**2010637-023A**	**Soil**	**10/12/2020 11:52**	**GC19 10302032.D**	**208143**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	H	1.0	1	10/31/2020 04:52
MTBE	---		0.050	1	10/31/2020 04:52
Benzene	---		0.0050	1	10/31/2020 04:52
Toluene	---		0.0050	1	10/31/2020 04:52
Ethylbenzene	---		0.0050	1	10/31/2020 04:52
m,p-Xylene	---		0.010	1	10/31/2020 04:52
o-Xylene	---		0.0050	1	10/31/2020 04:52
Xylenes	---		0.0050	1	10/31/2020 04:52

Surrogates	REC (%)	Qualifiers	Limits	
2-Fluorotoluene	91	H	62-126	10/31/2020 04:52

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-1-1.5	**2010637-026A**	**Soil**	**10/12/2020 12:15**	**GC7 10312028.D**	**208143**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**2.3**	H	1.0	1	11/01/2020 07:25
MTBE	---		0.050	1	11/01/2020 07:25
Benzene	---		0.0050	1	11/01/2020 07:25
Toluene	---		0.0050	1	11/01/2020 07:25
Ethylbenzene	---		0.0050	1	11/01/2020 07:25
m,p-Xylene	---		0.010	1	11/01/2020 07:25
o-Xylene	---		0.0050	1	11/01/2020 07:25
Xylenes	---		0.0050	1	11/01/2020 07:25

Surrogates	REC (%)	Qualifiers	Limits	
2-Fluorotoluene	95	H	62-126	11/01/2020 07:25

Analyst(s): IA Analytical Comments: d1

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5035
Date Prepared:	10/27/2020-10/29/2020	**Analytical Method:**	SW8021B/8015Bm
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-2.5-3	2010637-027A	Soil	10/12/2020 12:22	GC7 10312029.D	208143

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	H	1.0	1	11/01/2020 07:54
MTBE	---		0.050	1	11/01/2020 07:54
Benzene	---		0.0050	1	11/01/2020 07:54
Toluene	---		0.0050	1	11/01/2020 07:54
Ethylbenzene	---		0.0050	1	11/01/2020 07:54
m,p-Xylene	---		0.010	1	11/01/2020 07:54
o-Xylene	---		0.0050	1	11/01/2020 07:54
Xylenes	---		0.0050	1	11/01/2020 07:54

Surrogates	REC (%)	Qualifiers	Limits	
2-Fluorotoluene	116	H	62-126	11/01/2020 07:54

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-9.5-10	2010637-029A	Soil	10/12/2020 12:28	GC7 10312030.D	208143

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	H	1.0	1	11/01/2020 08:24
MTBE	---		0.050	1	11/01/2020 08:24
Benzene	---		0.0050	1	11/01/2020 08:24
Toluene	---		0.0050	1	11/01/2020 08:24
Ethylbenzene	---		0.0050	1	11/01/2020 08:24
m,p-Xylene	---		0.010	1	11/01/2020 08:24
o-Xylene	---		0.0050	1	11/01/2020 08:24
Xylenes	---		0.0050	1	11/01/2020 08:24

Surrogates	REC (%)	Qualifiers	Limits	
2-Fluorotoluene	84	H	62-126	11/01/2020 08:24

Analyst(s): IA

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8015B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-1-1.5	2010637-001A	Soil	10/12/2020 08:15	GC31A 10292010.D	208137

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**34**	H	5.0	5	10/29/2020 11:51
TPH-Motor Oil (C18-C36)	**470**	H	25	5	10/29/2020 11:51

Surrogates	REC (%)	Qualifiers	Limits	
C9	89	H	70-130	10/29/2020 11:51

Analyst(s): JIS Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-2.5-3	2010637-002A	Soil	10/12/2020 08:18	GC6B 10292015.D	208137

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**6.4**	H	2.0	2	10/29/2020 14:31
TPH-Motor Oil (C18-C36)	**66**	H	10	2	10/29/2020 14:31

Surrogates	REC (%)	Qualifiers	Limits	
C9	86	H	70-130	10/29/2020 14:31

Analyst(s): JIS Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-14.5-15	2010637-005A	Soil	10/12/2020 08:26	GC31B 10292009.D	208141

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**36**	H	2.0	2	10/29/2020 11:51
TPH-Motor Oil (C18-C36)	**91**	H	10	2	10/29/2020 11:51

Surrogates	REC (%)	Qualifiers	Limits	
C9	88	H	70-130	10/29/2020 11:51

Analyst(s): JIS Analytical Comments: e7,e2

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8015B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-1-1.5	2010637-006A	Soil	10/12/2020 09:16	GC31A 10282016.D	208141

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**3.0**	H	1.0	1	10/28/2020 12:26
TPH-Motor Oil (C18-C36)	**69**	H	5.0	1	10/28/2020 12:26

Surrogates	REC (%)	Qualifiers	Limits	
C9	89	H	70-130	10/28/2020 12:26

Analyst(s): JIS Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-2.5-3	2010637-007A	Soil	10/12/2020 09:17	GC9b 10282031.D	208141

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	H	1.0	1	10/28/2020 20:00
TPH-Motor Oil (C18-C36)	**11**	H	5.0	1	10/28/2020 20:00

Surrogates	REC (%)	Qualifiers	Limits	
C9	88	H	70-130	10/28/2020 20:00

Analyst(s): JIS Analytical Comments: e7

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-9.5-10	2010637-009A	Soil	10/12/2020 09:22	GC11A 10282058.D	208141

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**3.0**	H	1.0	1	10/29/2020 02:52
TPH-Motor Oil (C18-C36)	**15**	H	5.0	1	10/29/2020 02:52

Surrogates	REC (%)	Qualifiers	Limits	
C9	92	H	70-130	10/29/2020 02:52

Analyst(s): JIS Analytical Comments: e7,e2

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8015B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-1-1.5	2010637-011A	Soil	10/12/2020 10:04	GC9a 10282032.D	208141

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	H	1.0	1	10/28/2020 20:00
TPH-Motor Oil (C18-C36)	**7.4**	H	5.0	1	10/28/2020 20:00

Surrogates	REC (%)	Qualifiers	Limits	
C26	85	H	70-130	10/28/2020 20:00

Analyst(s): JIS Analytical Comments: e7

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-2.5-3	2010637-012A	Soil	10/12/2020 10:07	GC31A 10292018.D	208141

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**48**	H	20	20	10/29/2020 14:37
TPH-Motor Oil (C18-C36)	**400**	H	100	20	10/29/2020 14:37

Surrogates	REC (%)	Qualifiers	Limits	
C9	95	H	70-130	10/29/2020 14:37

Analyst(s): JIS Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-4.5-5	2010637-013A	Soil	10/12/2020 10:05	GC9b 10282027.D	208141

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**3.3**	H	1.0	1	10/28/2020 18:42
TPH-Motor Oil (C18-C36)	**17**	H	5.0	1	10/28/2020 18:42

Surrogates	REC (%)	Qualifiers	Limits	
C9	88	H	70-130	10/28/2020 18:42

Analyst(s): JIS Analytical Comments: e7,e2

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8015B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-1-1.5	2010637-016A	Soil	10/12/2020 10:42	GC11B 10292009.D	208141

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**1.9**	H	1.0	1	10/29/2020 12:36
TPH-Motor Oil (C18-C36)	**9.2**	H	5.0	1	10/29/2020 12:36

Surrogates	REC (%)	Qualifiers	Limits	
C9	98	H	70-130	10/29/2020 12:36

Analyst(s): JIS Analytical Comments: e7,e2,e6

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-2.5-3	2010637-017A	Soil	10/12/2020 10:43	GC11A 10292016.D	208141

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**1.6**	H	1.0	1	10/29/2020 14:33
TPH-Motor Oil (C18-C36)	**29**	H	5.0	1	10/29/2020 14:33

Surrogates	REC (%)	Qualifiers	Limits	
C9	91	H	70-130	10/29/2020 14:33

Analyst(s): JIS Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-9.5-10	2010637-019A	Soil	10/12/2020 10:59	GC31B 10292015.D	208141

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**16**	H	2.0	2	10/29/2020 13:54
TPH-Motor Oil (C18-C36)	**150**	H	10	2	10/29/2020 13:54

Surrogates	REC (%)	Qualifiers	Limits	
C9	89	H	70-130	10/29/2020 13:54

Analyst(s): JIS Analytical Comments: e7,e2

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8015B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-1-1.5	2010637-021A	Soil	10/12/2020 11:50	GC11A 10282064.D	208141

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**1.5**	H	1.0	1	10/29/2020 04:46
TPH-Motor Oil (C18-C36)	**19**	H	5.0	1	10/29/2020 04:46

Surrogates	REC (%)	Qualifiers	Limits	
C9	91	H	70-130	10/29/2020 04:46

Analyst(s): JIS Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-2.5-3	2010637-022A	Soil	10/12/2020 11:51	GC9a 10282036.D	208141

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	H	1.0	1	10/28/2020 21:18
TPH-Motor Oil (C18-C36)	**10**	H	5.0	1	10/28/2020 21:18

Surrogates	REC (%)	Qualifiers	Limits	
C26	86	H	70-130	10/28/2020 21:18

Analyst(s): JIS Analytical Comments: e7

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-4.5-5	2010637-023A	Soil	10/12/2020 11:52	GC11A 10292010.D	208141

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**5.5**	H	1.0	1	10/29/2020 12:36
TPH-Motor Oil (C18-C36)	**97**	H	5.0	1	10/29/2020 12:36

Surrogates	REC (%)	Qualifiers	Limits	
C9	92	H	70-130	10/29/2020 12:36

Analyst(s): JIS Analytical Comments: e7,e2

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8015B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-1-1.5	2010637-026A	Soil	10/12/2020 12:15	GC9b 10282035.D	208141

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**3.0**	H	1.0	1	10/28/2020 21:18
TPH-Motor Oil (C18-C36)	**21**	H	5.0	1	10/28/2020 21:18

Surrogates	REC (%)	Qualifiers	Limits	
C9	88	H	70-130	10/28/2020 21:18

Analyst(s): JIS Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-2.5-3	2010637-027A	Soil	10/12/2020 12:22	GC9b 10282023.D	208141

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	H	1.0	1	10/28/2020 17:25
TPH-Motor Oil (C18-C36)	**8.0**	H	5.0	1	10/28/2020 17:25

Surrogates	REC (%)	Qualifiers	Limits	
C9	87	H	70-130	10/28/2020 17:25

Analyst(s): JIS Analytical Comments: e7

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-9.5-10	2010637-029A	Soil	10/12/2020 12:28	GC6B 10292009.D	208141

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**33**	H	2.0	2	10/29/2020 12:34
TPH-Motor Oil (C18-C36)	**220**	H	10	2	10/29/2020 12:34

Surrogates	REC (%)	Qualifiers	Limits	
C9	85	H	70-130	10/29/2020 12:34

Analyst(s): JIS Analytical Comments: e7,e2

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/28/2020	**BatchID:**	208243
Date Analyzed:	10/28/2020 - 10/29/2020	**Extraction Method:**	SW3550B/3640Am/3630Cm
Instrument:	GC20	**Analytical Method:**	SW8081A/8082
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208243

QC Summary Report for SW8081A/8082

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Aldrin	ND	0.0000360	0.000100	-	-	-
a-BHC	ND	0.0000250	0.000100	-	-	-
b-BHC	ND	0.000250	0.000300	-	-	-
d-BHC	ND	0.000130	0.000200	-	-	-
g-BHC	ND	0.0000660	0.000100	-	-	-
Chlordane (Technical)	ND	0.000430	0.00250	-	-	-
a-Chlordane	ND	0.0000950	0.000100	-	-	-
g-Chlordane	ND	0.0000470	0.000100	-	-	-
p,p-DDD	ND	0.0000430	0.000100	-	-	-
p,p-DDE	ND	0.0000940	0.000100	-	-	-
p,p-DDT	ND	0.0000920	0.000100	-	-	-
Dieldrin	ND	0.0000610	0.000100	-	-	-
Endosulfan I	ND	0.0000480	0.000100	-	-	-
Endosulfan II	ND	0.0000760	0.000100	-	-	-
Endosulfan sulfate	ND	0.0000780	0.000100	-	-	-
Endrin	ND	0.0000350	0.000100	-	-	-
Endrin aldehyde	ND	0.0000670	0.000100	-	-	-
Endrin ketone	ND	0.0000840	0.000100	-	-	-
Heptachlor	ND	0.0000400	0.000100	-	-	-
Heptachlor epoxide	ND	0.0000540	0.000100	-	-	-
Hexachlorobenzene	ND	0.000110	0.00100	-	-	-
Hexachlorocyclopentadiene	ND	0.000340	0.00200	-	-	-
Methoxychlor	ND	0.000130	0.000200	-	-	-
Toxaphene	ND	0.00340	0.00500	-	-	-
Aroclor1016	ND	0.00200	0.00500	-	-	-
Aroclor1221	ND	0.00220	0.00500	-	-	-
Aroclor1232	ND	0.00220	0.00500	-	-	-
Aroclor1242	ND	0.00220	0.00500	-	-	-
Aroclor1248	ND	0.00220	0.00500	-	-	-
Aroclor1254	ND	0.00220	0.00500	-	-	-
Aroclor1260	ND	0.00220	0.00500	-	-	-
Surrogate Recovery						
Decachlorobiphenyl	0.00474			0.005	95	28-170

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/28/2020	**BatchID:**	208243
Date Analyzed:	10/28/2020 - 10/29/2020	**Extraction Method:**	SW3550B/3640Am/3630Cm
Instrument:	GC20	**Analytical Method:**	SW8081A/8082
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208243

QC Summary Report for SW8081A/8082

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Aldrin	0.00386	0.00417	0.0050	77	83	31-155	7.69	20
a-BHC	0.00426	0.00460	0.0050	85	92	32-160	7.62	20
b-BHC	0.00403	0.00442	0.0050	81	88	44-149	9.13	20
d-BHC	0.00414	0.00444	0.0050	83	89	37-157	7.10	20
g-BHC	0.00405	0.00443	0.0050	81	89	43-154	8.90	20
g-Chlordane	0.00374	0.00417	0.0050	75	83	39-151	10.9	20
p,p-DDD	0.00412	0.00470	0.0050	82	94	30-158	13.0	20
p,p-DDE	0.00385	0.00429	0.0050	77	86	47-149	10.8	20
p,p-DDT	0.00390	0.00445	0.0050	78	89	56-166	13.0	20
Dieldrin	0.00437	0.00484	0.0050	87	97	50-163	10.1	20
Endosulfan I	0.00379	0.00414	0.0050	76	83	45-159	8.82	20
Endosulfan II	0.00350	0.00399	0.0050	70	80	41-155	12.9	20
Endosulfan sulfate	0.00334	0.00375	0.0050	67	75	45-156	11.5	20
Endrin	0.00393	0.00434	0.0050	79	87	54-154	9.78	20
Endrin aldehyde	0.00386	0.00445	0.0050	77	89	27-159	14.2	20
Endrin ketone	0.00324	0.00368	0.0050	65	74	40-147	12.7	20
Heptachlor	0.00458	0.00486	0.0050	92	97	52-165	5.95	20
Heptachlor epoxide	0.00373	0.00410	0.0050	75	82	46-145	9.41	20
Hexachlorobenzene	0.00370	0.00397	0.0050	74	79	22-156	6.92	20
Hexachlorocyclopentadiene	0.00410	0.00425	0.0050	82	85	43-173	3.48	20
Methoxychlor	0.00444	0.00488	0.0050	89	98	49-150	9.34	20
Aroclor1016	0.0149	0.0150	0.015	99	100	49-120	1.15	20
Aroclor1260	0.0138	0.0143	0.015	92	95	48-160	3.02	20
Surrogate Recovery								
Decachlorobiphenyl	0.00403	0.00426	0.0050	81	85	28-170	5.49	20

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/27/2020	**BatchID:**	208139
Date Analyzed:	11/01/2020	**Extraction Method:**	SW5030B
Instrument:	GC28	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208139

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	0.120	0.200	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.000740	0.00500	-	-	-
Benzene	ND	0.000870	0.00500	-	-	-
Bromobenzene	ND	0.000910	0.00500	-	-	-
Bromochloromethane	ND	0.000910	0.00500	-	-	-
Bromodichloromethane	ND	0.0000940	0.00500	-	-	-
Bromoform	ND	0.00390	0.00500	-	-	-
Bromomethane	ND	0.00250	0.00500	-	-	-
2-Butanone (MEK)	ND	0.0230	0.0500	-	-	-
t-Butyl alcohol (TBA)	ND	0.0230	0.0500	-	-	-
n-Butyl benzene	ND	0.00140	0.00500	-	-	-
sec-Butyl benzene	ND	0.00150	0.00500	-	-	-
tert-Butyl benzene	ND	0.00170	0.00500	-	-	-
Carbon Disulfide	ND	0.00150	0.00500	-	-	-
Carbon Tetrachloride	ND	0.000120	0.00500	-	-	-
Chlorobenzene	ND	0.000870	0.00500	-	-	-
Chloroethane	ND	0.00160	0.00500	-	-	-
Chloroform	ND	0.000190	0.00500	-	-	-
Chloromethane	ND	0.00170	0.00500	-	-	-
2-Chlorotoluene	ND	0.00130	0.00500	-	-	-
4-Chlorotoluene	ND	0.00100	0.00500	-	-	-
Dibromochloromethane	ND	0.000420	0.00500	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.000490	0.000500	-	-	-
1,2-Dibromoethane (EDB)	ND	0.000120	0.000250	-	-	-
Dibromomethane	ND	0.000950	0.00500	-	-	-
1,2-Dichlorobenzene	ND	0.00230	0.00500	-	-	-
1,3-Dichlorobenzene	ND	0.00100	0.00500	-	-	-
1,4-Dichlorobenzene	ND	0.00100	0.00500	-	-	-
Dichlorodifluoromethane	ND	0.00170	0.00500	-	-	-
1,1-Dichloroethane	ND	0.000810	0.00500	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.0000710	0.000100	-	-	-
1,1-Dichloroethene	ND	0.0000690	0.00500	-	-	-
cis-1,2-Dichloroethene	ND	0.000750	0.00500	-	-	-
trans-1,2-Dichloroethene	ND	0.00120	0.00500	-	-	-
1,2-Dichloropropane	ND	0.000780	0.00500	-	-	-
1,3-Dichloropropane	ND	0.00100	0.00500	-	-	-
2,2-Dichloropropane	ND	0.00120	0.00500	-	-	-
1,1-Dichloropropene	ND	0.000960	0.00500	-	-	-

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/27/2020	**BatchID:**	208139
Date Analyzed:	11/01/2020	**Extraction Method:**	SW5030B
Instrument:	GC28	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208139

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
cis-1,3-Dichloropropene	ND	0.000660	0.00500	-	-	-
trans-1,3-Dichloropropene	ND	0.000670	0.00500	-	-	-
Diisopropyl ether (DIPE)	ND	0.000780	0.00500	-	-	-
Ethylbenzene	ND	0.00110	0.00500	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.000730	0.00500	-	-	-
Freon 113	ND	0.00110	0.00500	-	-	-
Hexachlorobutadiene	ND	0.00120	0.00500	-	-	-
Hexachloroethane	ND	0.000670	0.00500	-	-	-
2-Hexanone	ND	0.00430	0.00500	-	-	-
Isopropylbenzene	ND	0.00140	0.00500	-	-	-
4-Isopropyl toluene	ND	0.00130	0.00500	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.00140	0.00500	-	-	-
Methylene chloride	ND	0.00580	0.0200	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.00150	0.00500	-	-	-
Naphthalene	ND	0.00220	0.00500	-	-	-
n-Propyl benzene	ND	0.00160	0.00500	-	-	-
Styrene	ND	0.00120	0.00500	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.00100	0.00500	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.000280	0.00500	-	-	-
Tetrachloroethene	ND	0.000310	0.00500	-	-	-
Toluene	ND	0.00120	0.00500	-	-	-
1,2,3-Trichlorobenzene	ND	0.00170	0.00500	-	-	-
1,2,4-Trichlorobenzene	ND	0.00120	0.00500	-	-	-
1,1,1-Trichloroethane	ND	0.000840	0.00500	-	-	-
1,1,2-Trichloroethane	ND	0.000920	0.00500	-	-	-
Trichloroethene	ND	0.000810	0.00500	-	-	-
Trichlorofluoromethane	ND	0.00130	0.00500	-	-	-
1,2,3-Trichloropropane	ND	0.000150	0.000250	-	-	-
1,2,4-Trimethylbenzene	ND	0.00320	0.00500	-	-	-
1,3,5-Trimethylbenzene	ND	0.00120	0.00500	-	-	-
Vinyl Chloride	ND	0.000130	0.000250	-	-	-
m,p-Xylene	ND	0.00250	0.00500	-	-	-
o-Xylene	ND	0.00120	0.00500	-	-	-

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/27/2020	**BatchID:**	208139
Date Analyzed:	11/01/2020	**Extraction Method:**	SW5030B
Instrument:	GC28	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208139

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
Dibromofluoromethane	0.137			0.125	109	87-127
Toluene-d8	0.154			0.125	123	93-141
4-BFB	0.0168			0.0125	134	84-137
Benzene-d6	0.113			0.1	113	67-131
Ethylbenzene-d10	0.118			0.1	118	78-153
1,2-DCB-d4	0.0930			0.1	93	63-109

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/27/2020	**BatchID:**	208139
Date Analyzed:	11/01/2020	**Extraction Method:**	SW5030B
Instrument:	GC28	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208139

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	0.157	0.157	0.20	78	79	48-156	0.227	30
tert-Amyl methyl ether (TAME)	0.0138	0.0137	0.020	69	69	56-115	0.598	30
Benzene	0.0176	0.0172	0.020	88	86	63-131	2.07	30
Bromobenzene	0.0192	0.0189	0.020	96	94	66-127	1.81	30
Bromochloromethane	0.0169	0.0168	0.020	84	84	64-124	0.679	30
Bromodichloromethane	0.0146	0.0145	0.020	73	73	64-120	0.731	30
Bromoform	0.0148	0.0153	0.020	74	77	48-92	3.45	30
Bromomethane	0.0156	0.0148	0.020	78	74	25-163	4.98	30
2-Butanone (MEK)	0.0525	0.0528	0.080	66	66	51-133	0.580	30
t-Butyl alcohol (TBA)	0.0447	0.0493	0.080	56	62	52-129	9.81	30
n-Butyl benzene	0.0262	0.0258	0.020	131	129	83-200	1.60	30
sec-Butyl benzene	0.0253	0.0244	0.020	126	122	81-199	3.52	30
tert-Butyl benzene	0.0241	0.0234	0.020	121	117	79-178	2.89	30
Carbon Disulfide	0.0176	0.0171	0.020	88	85	64-136	3.09	30
Carbon Tetrachloride	0.0157	0.0154	0.020	79	77	66-140	2.33	30
Chlorobenzene	0.0189	0.0185	0.020	95	93	73-116	2.29	30
Chloroethane	0.0163	0.0157	0.020	82	79	35-147	3.58	30
Chloroform	0.0167	0.0164	0.020	83	82	65-130	1.34	30
Chloromethane	0.0153	0.0144	0.020	77	72	30-137	5.95	30
2-Chlorotoluene	0.0224	0.0213	0.020	112	107	75-152	4.78	30
4-Chlorotoluene	0.0220	0.0219	0.020	110	110	71-148	0.436	30
Dibromochloromethane	0.0141	0.0143	0.020	71	71	61-106	1.20	30
1,2-Dibromo-3-chloropropane	0.00574	0.00594	0.010	57	59	36-120	3.42	30
1,2-Dibromoethane (EDB)	0.00821	0.00818	0.010	82	82	67-118	0.276	30
Dibromomethane	0.0145	0.0144	0.020	72	72	61-116	0.481	30
1,2-Dichlorobenzene	0.0165	0.0161	0.020	82	80	59-106	2.23	30
1,3-Dichlorobenzene	0.0196	0.0195	0.020	98	97	75-129	0.750	30
1,4-Dichlorobenzene	0.0192	0.0187	0.020	96	94	66-127	2.33	30
Dichlorodifluoromethane	0.00680	0.00667	0.020	34	33	13-74	1.97	30
1,1-Dichloroethane	0.0171	0.0168	0.020	86	84	65-134	2.16	30
1,2-Dichloroethane (1,2-DCA)	0.0132	0.0130	0.020	66	65	57-131	1.12	30
1,1-Dichloroethene	0.0169	0.0165	0.020	85	82	62-127	2.55	30
cis-1,2-Dichloroethene	0.0185	0.0178	0.020	92	89	66-130	3.65	30
trans-1,2-Dichloroethene	0.0184	0.0177	0.020	92	88	60-131	3.87	30
1,2-Dichloropropane	0.0172	0.0169	0.020	86	85	63-127	1.74	30
1,3-Dichloropropane	0.0176	0.0174	0.020	88	87	68-124	1.26	30
2,2-Dichloropropane	0.0182	0.0176	0.020	91	88	63-150	3.47	30
1,1-Dichloropropene	0.0187	0.0173	0.020	94	87	67-134	7.69	30

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/27/2020	**BatchID:**	208139
Date Analyzed:	11/01/2020	**Extraction Method:**	SW5030B
Instrument:	GC28	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208139

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.0182	0.0181	0.020	91	90	65-138	0.506	30
trans-1,3-Dichloropropene	0.0163	0.0161	0.020	81	81	66-124	0.801	30
Diisopropyl ether (DIPE)	0.0161	0.0160	0.020	80	80	58-129	0.0570	30
Ethylbenzene	0.0203	0.0204	0.020	101	102	73-145	0.395	30
Ethyl tert-butyl ether (ETBE)	0.0151	0.0149	0.020	75	74	62-125	1.26	30
Freon 113	0.0151	0.0149	0.020	76	74	55-116	1.72	30
Hexachlorobutadiene	0.0215	0.0210	0.020	107	105	75-178	2.31	30
Hexachloroethane	0.0217	0.0216	0.020	108	108	75-152	0.0737	30
2-Hexanone	0.0109	0.0119	0.020	55	59	41-113	8.15	30
Isopropylbenzene	0.0246	0.0241	0.020	123	121	67-172	2.02	30
4-Isopropyl toluene	0.0248	0.0242	0.020	124	121	88-171	2.67	30
Methyl-t-butyl ether (MTBE)	0.0142	0.0141	0.020	71	70	58-122	0.613	30
Methylene chloride	0.0173	0.0171	0.020	86	85	57-140	1.36	30
4-Methyl-2-pentanone (MIBK)	0.0117	0.0119	0.020	59	59	42-117	1.40	30
Naphthalene	0.0105	0.0100	0.020	52	50	29-65	3.93	30
n-Propyl benzene	0.0249	0.0241	0.020	125	120	85-174	3.33	30
Styrene	0.0174	0.0172	0.020	87	86	63-126	0.853	30
1,1,1,2-Tetrachloroethane	0.0172	0.0170	0.020	86	85	68-131	1.19	30
1,1,2,2-Tetrachloroethane	0.0138	0.0138	0.020	69	69	45-121	0.216	30
Tetrachloroethene	0.0193	0.0188	0.020	96	94	65-150	2.58	30
Toluene	0.0201	0.0199	0.020	101	100	72-135	1.09	30
1,2,3-Trichlorobenzene	0.0116	0.0116	0.020	58	58	35-80	0.159	30
1,2,4-Trichlorobenzene	0.0148	0.0146	0.020	74	73	45-103	1.34	30
1,1,1-Trichloroethane	0.0165	0.0160	0.020	83	80	67-137	3.31	30
1,1,2-Trichloroethane	0.0165	0.0164	0.020	83	82	67-117	0.848	30
Trichloroethene	0.0186	0.0183	0.020	93	91	62-135	1.87	30
Trichlorofluoromethane	0.0148	0.0144	0.020	74	72	56-124	2.24	30
1,2,3-Trichloropropane	0.00834	0.00841	0.010	83	84	58-133	0.775	30
1,2,4-Trimethylbenzene	0.0223	0.0226	0.020	112	113	78-161	1.52	30
1,3,5-Trimethylbenzene	0.0239	0.0236	0.020	120	118	85-170	1.45	30
Vinyl Chloride	0.00788	0.00758	0.010	79	76	32-142	3.88	30
m,p-Xylene	0.0392	0.0392	0.040	98	98	70-138	0.129	30
o-Xylene	0.0173	0.0176	0.020	86	88	69-135	1.50	30

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/27/2020	**BatchID:**	208139
Date Analyzed:	11/01/2020	**Extraction Method:**	SW5030B
Instrument:	GC28	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208139

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
Dibromofluoromethane	0.139	0.137	0.12	111	109	87-127	1.84	30
Toluene-d8	0.154	0.155	0.12	123	124	93-141	0.793	30
4-BFB	0.0160	0.0157	0.012	128	126	84-137	1.50	30
Benzene-d6	0.104	0.106	0.10	104	106	67-131	1.36	30
Ethylbenzene-d10	0.114	0.114	0.10	114	114	78-153	0.180	30
1,2-DCB-d4	0.0935	0.0935	0.10	94	94	63-109	0.0168	30

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/27/2020	**BatchID:**	208144
Date Analyzed:	11/01/2020	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208144

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	0.120	0.200	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.000740	0.00500	-	-	-
Benzene	ND	0.000870	0.00500	-	-	-
Bromobenzene	ND	0.000910	0.00500	-	-	-
Bromochloromethane	ND	0.000910	0.00500	-	-	-
Bromodichloromethane	ND	0.0000940	0.00500	-	-	-
Bromoform	ND	0.00390	0.00500	-	-	-
Bromomethane	ND	0.00250	0.00500	-	-	-
2-Butanone (MEK)	ND	0.0230	0.0500	-	-	-
t-Butyl alcohol (TBA)	ND	0.0230	0.0500	-	-	-
n-Butyl benzene	ND	0.00140	0.00500	-	-	-
sec-Butyl benzene	ND	0.00150	0.00500	-	-	-
tert-Butyl benzene	ND	0.00170	0.00500	-	-	-
Carbon Disulfide	ND	0.00150	0.00500	-	-	-
Carbon Tetrachloride	ND	0.000120	0.00500	-	-	-
Chlorobenzene	ND	0.000870	0.00500	-	-	-
Chloroethane	ND	0.00160	0.00500	-	-	-
Chloroform	ND	0.000190	0.00500	-	-	-
Chloromethane	ND	0.00170	0.00500	-	-	-
2-Chlorotoluene	ND	0.00130	0.00500	-	-	-
4-Chlorotoluene	ND	0.00100	0.00500	-	-	-
Dibromochloromethane	ND	0.000420	0.00500	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.000490	0.000500	-	-	-
1,2-Dibromoethane (EDB)	ND	0.000120	0.000250	-	-	-
Dibromomethane	ND	0.000950	0.00500	-	-	-
1,2-Dichlorobenzene	ND	0.00230	0.00500	-	-	-
1,3-Dichlorobenzene	ND	0.00100	0.00500	-	-	-
1,4-Dichlorobenzene	ND	0.00100	0.00500	-	-	-
Dichlorodifluoromethane	ND	0.00170	0.00500	-	-	-
1,1-Dichloroethane	ND	0.000810	0.00500	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.0000710	0.000100	-	-	-
1,1-Dichloroethene	ND	0.0000690	0.00500	-	-	-
cis-1,2-Dichloroethene	ND	0.000750	0.00500	-	-	-
trans-1,2-Dichloroethene	ND	0.00120	0.00500	-	-	-
1,2-Dichloropropane	ND	0.000780	0.00500	-	-	-
1,3-Dichloropropane	ND	0.00100	0.00500	-	-	-
2,2-Dichloropropane	ND	0.00120	0.00500	-	-	-
1,1-Dichloropropene	ND	0.000960	0.00500	-	-	-

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/27/2020	**BatchID:**	208144
Date Analyzed:	11/01/2020	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208144

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
cis-1,3-Dichloropropene	ND	0.000660	0.00500	-	-	-
trans-1,3-Dichloropropene	ND	0.000670	0.00500	-	-	-
Diisopropyl ether (DIPE)	ND	0.000780	0.00500	-	-	-
Ethylbenzene	ND	0.00110	0.00500	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.000730	0.00500	-	-	-
Freon 113	ND	0.00110	0.00500	-	-	-
Hexachlorobutadiene	ND	0.00120	0.00500	-	-	-
Hexachloroethane	ND	0.000670	0.00500	-	-	-
2-Hexanone	ND	0.00430	0.00500	-	-	-
Isopropylbenzene	ND	0.00140	0.00500	-	-	-
4-Isopropyl toluene	ND	0.00130	0.00500	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.00140	0.00500	-	-	-
Methylene chloride	ND	0.00580	0.0200	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.00150	0.00500	-	-	-
Naphthalene	ND	0.00220	0.00500	-	-	-
n-Propyl benzene	ND	0.00160	0.00500	-	-	-
Styrene	ND	0.00120	0.00500	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.00100	0.00500	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.000280	0.00500	-	-	-
Tetrachloroethene	ND	0.000310	0.00500	-	-	-
Toluene	ND	0.00120	0.00500	-	-	-
1,2,3-Trichlorobenzene	ND	0.00170	0.00500	-	-	-
1,2,4-Trichlorobenzene	ND	0.00120	0.00500	-	-	-
1,1,1-Trichloroethane	ND	0.000840	0.00500	-	-	-
1,1,2-Trichloroethane	ND	0.000920	0.00500	-	-	-
Trichloroethene	ND	0.000810	0.00500	-	-	-
Trichlorofluoromethane	ND	0.00130	0.00500	-	-	-
1,2,3-Trichloropropane	ND	0.000150	0.000250	-	-	-
1,2,4-Trimethylbenzene	ND	0.00320	0.00500	-	-	-
1,3,5-Trimethylbenzene	ND	0.00120	0.00500	-	-	-
Vinyl Chloride	ND	0.000130	0.000250	-	-	-
m,p-Xylene	ND	0.00250	0.00500	-	-	-
o-Xylene	ND	0.00120	0.00500	-	-	-

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/27/2020	**BatchID:**	208144
Date Analyzed:	11/01/2020	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208144

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
Dibromofluoromethane	0.127			0.125	102	87-127
Toluene-d8	0.131			0.125	105	93-141
4-BFB	0.0116			0.0125	93	84-137
Benzene-d6	0.101			0.1	101	67-131
Ethylbenzene-d10	0.132			0.1	132	78-153
1,2-DCB-d4	0.0764			0.1	76	63-109

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/27/2020	**BatchID:**	208144
Date Analyzed:	11/01/2020	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208144

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	0.178	0.175	0.20	89	88	48-156	1.36	30
tert-Amyl methyl ether (TAME)	0.0134	0.0136	0.020	67	68	56-115	0.929	30
Benzene	0.0171	0.0167	0.020	86	83	63-131	2.70	30
Bromobenzene	0.0165	0.0161	0.020	83	80	66-127	2.57	30
Bromochloromethane	0.0154	0.0158	0.020	77	79	64-124	2.22	30
Bromodichloromethane	0.0150	0.0148	0.020	75	74	64-120	1.30	30
Bromoform	0.0152	0.0144	0.020	76	72	48-92	4.97	30
Bromomethane	0.0198	0.0185	0.020	99	93	25-163	6.73	30
2-Butanone (MEK)	0.0639	0.0624	0.080	80	78	51-133	2.48	30
t-Butyl alcohol (TBA)	0.0648	0.0643	0.080	81	80	52-129	0.832	30
n-Butyl benzene	0.0272	0.0267	0.020	136	134	83-200	1.84	30
sec-Butyl benzene	0.0259	0.0252	0.020	129	126	81-199	2.75	30
tert-Butyl benzene	0.0220	0.0216	0.020	110	108	79-178	2.16	30
Carbon Disulfide	0.0146	0.0137	0.020	73	69	64-136	6.21	30
Carbon Tetrachloride	0.0169	0.0164	0.020	84	82	66-140	2.72	30
Chlorobenzene	0.0165	0.0163	0.020	83	82	73-116	1.14	30
Chloroethane	0.0181	0.0168	0.020	90	84	35-147	7.22	30
Chloroform	0.0175	0.0171	0.020	88	86	65-130	2.17	30
Chloromethane	0.0144	0.0132	0.020	72	66	30-137	8.55	30
2-Chlorotoluene	0.0202	0.0196	0.020	101	98	75-152	2.81	30
4-Chlorotoluene	0.0192	0.0190	0.020	96	95	71-148	1.44	30
Dibromochloromethane	0.0145	0.0143	0.020	73	72	61-106	1.24	30
1,2-Dibromo-3-chloropropane	0.00539	0.00525	0.010	54	53	36-120	2.49	30
1,2-Dibromoethane (EDB)	0.00778	0.00774	0.010	78	77	67-118	0.584	30
Dibromomethane	0.0138	0.0140	0.020	69	70	61-116	1.07	30
1,2-Dichlorobenzene	0.0147	0.0144	0.020	74	72	59-106	2.22	30
1,3-Dichlorobenzene	0.0185	0.0181	0.020	93	90	75-129	2.30	30
1,4-Dichlorobenzene	0.0179	0.0173	0.020	89	87	66-127	3.26	30
Dichlorodifluoromethane	0.00484	0.00472	0.020	24	24	13-74	2.44	30
1,1-Dichloroethane	0.0159	0.0154	0.020	79	77	65-134	2.84	30
1,2-Dichloroethane (1,2-DCA)	0.0162	0.0159	0.020	81	80	57-131	1.32	30
1,1-Dichloroethene	0.0168	0.0161	0.020	84	80	62-127	4.27	30
cis-1,2-Dichloroethene	0.0159	0.0155	0.020	79	78	66-130	2.38	30
trans-1,2-Dichloroethene	0.0159	0.0152	0.020	80	76	60-131	4.86	30
1,2-Dichloropropane	0.0148	0.0145	0.020	74	73	63-127	1.91	30
1,3-Dichloropropane	0.0148	0.0150	0.020	74	75	68-124	1.43	30
2,2-Dichloropropane	0.0177	0.0175	0.020	89	88	63-150	0.922	30
1,1-Dichloropropene	0.0159	0.0154	0.020	80	77	67-134	3.45	30

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/27/2020	**BatchID:**	208144
Date Analyzed:	11/01/2020	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208144

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.0161	0.0157	0.020	80	79	65-138	2.13	30
trans-1,3-Dichloropropene	0.0162	0.0159	0.020	81	80	66-124	2.01	30
Diisopropyl ether (DIPE)	0.0142	0.0141	0.020	71	71	58-129	0.434	30
Ethylbenzene	0.0191	0.0183	0.020	96	92	73-145	4.37	30
Ethyl tert-butyl ether (ETBE)	0.0138	0.0138	0.020	69	69	62-125	0.142	30
Freon 113	0.0140	0.0135	0.020	70	67	55-116	3.54	30
Hexachlorobutadiene	0.0197	0.0192	0.020	99	96	75-178	2.74	30
Hexachloroethane	0.0189	0.0187	0.020	95	94	75-152	1.16	30
2-Hexanone	0.0116	0.0114	0.020	58	57	41-113	2.40	30
Isopropylbenzene	0.0225	0.0218	0.020	113	109	67-172	3.24	30
4-Isopropyl toluene	0.0246	0.0241	0.020	123	120	88-171	2.07	30
Methyl-t-butyl ether (MTBE)	0.0140	0.0142	0.020	70	71	58-122	1.21	30
Methylene chloride	0.0181	0.0175	0.020	91	88	57-140	3.33	30
4-Methyl-2-pentanone (MIBK)	0.0128	0.0130	0.020	64	65	42-117	1.66	30
Naphthalene	0.0106	0.00864	0.020	53	43	29-65	20.4	30
n-Propyl benzene	0.0224	0.0222	0.020	112	111	85-174	0.928	30
Styrene	0.0152	0.0146	0.020	76	73	63-126	4.45	30
1,1,1,2-Tetrachloroethane	0.0155	0.0152	0.020	78	76	68-131	2.16	30
1,1,2,2-Tetrachloroethane	0.0129	0.0124	0.020	64	62	45-121	3.74	30
Tetrachloroethene	0.0179	0.0173	0.020	89	86	65-150	3.45	30
Toluene	0.0184	0.0178	0.020	92	89	72-135	2.97	30
1,2,3-Trichlorobenzene	0.0108	0.00887	0.020	54	44	35-80	19.4	30
1,2,4-Trichlorobenzene	0.0132	0.0120	0.020	66	60	45-103	9.43	30
1,1,1-Trichloroethane	0.0166	0.0163	0.020	83	82	67-137	1.72	30
1,1,2-Trichloroethane	0.0150	0.0149	0.020	75	74	67-117	0.982	30
Trichloroethene	0.0198	0.0196	0.020	99	98	62-135	1.14	30
Trichlorofluoromethane	0.0149	0.0142	0.020	74	71	56-124	4.47	30
1,2,3-Trichloropropane	0.00876	0.00866	0.010	88	87	58-133	1.14	30
1,2,4-Trimethylbenzene	0.0238	0.0234	0.020	119	117	78-161	1.82	30
1,3,5-Trimethylbenzene	0.0225	0.0218	0.020	112	109	85-170	3.15	30
Vinyl Chloride	0.00868	0.00812	0.010	87	81	32-142	6.70	30
m,p-Xylene	0.0349	0.0338	0.040	87	84	70-138	3.13	30
o-Xylene	0.0177	0.0170	0.020	89	85	69-135	4.45	30

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/27/2020	**BatchID:**	208144
Date Analyzed:	11/01/2020	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208144

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
Dibromofluoromethane	0.125	0.126	0.12	100	100	87-127	0.350	30
Toluene-d8	0.130	0.129	0.12	104	103	93-141	0.729	30
4-BFB	0.0119	0.0120	0.012	95	96	84-137	0.246	30
Benzene-d6	0.0928	0.0916	0.10	93	92	67-131	1.32	30
Ethylbenzene-d10	0.125	0.122	0.10	125	122	78-153	2.29	30
1,2-DCB-d4	0.0778	0.0771	0.10	78	77	63-109	1.00	30

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/27/2020	**BatchID:**	208194
Date Analyzed:	10/28/2020 - 10/29/2020	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17, GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208194

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
1-Methylnaphthalene	ND	0.000340	0.00130	-	-	-
Benzoic Acid	ND	0.370	1.20	-	-	-
Acenaphthene	ND	0.000510	0.00130	-	-	-
Acenaphthylene	ND	0.000300	0.00130	-	-	-
Acetochlor	ND	0.0320	0.250	-	-	-
Anthracene	ND	0.000850	0.00130	-	-	-
Benzidine	ND	0.120	1.20	-	-	-
Benzo (a) anthracene	ND	0.00400	0.0130	-	-	-
Benzo (a) pyrene	ND	0.00120	0.00250	-	-	-
Benzo (b) fluoranthene	ND	0.00110	0.00630	-	-	-
Benzo (g,h,i) perylene	ND	0.00160	0.00250	-	-	-
Benzo (k) fluoranthene	ND	0.00120	0.00130	-	-	-
Benzyl Alcohol	ND	0.630	1.20	-	-	-
1,1-Biphenyl	ND	0.00280	0.0130	-	-	-
Bis (2-chloroethoxy) Methane	ND	0.0280	0.250	-	-	-
Bis (2-chloroethyl) Ether	ND	0.000690	0.00130	-	-	-
Bis (2-chloroisopropyl) Ether	ND	0.000540	0.00130	-	-	-
Bis (2-ethylhexyl) Adipate	ND	0.0440	0.250	-	-	-
Bis (2-ethylhexyl) Phthalate	ND	0.0110	0.0250	-	-	-
4-Bromophenyl Phenyl Ether	ND	0.0330	0.250	-	-	-
Butylbenzyl Phthalate	ND	0.00550	0.0250	-	-	-
4-Chloroaniline	ND	0.000660	0.00250	-	-	-
4-Chloro-3-methylphenol	ND	0.0320	0.250	-	-	-
2-Chloronaphthalene	ND	0.0200	0.250	-	-	-
2-Chlorophenol	ND	0.00190	0.0130	-	-	-
4-Chlorophenyl Phenyl Ether	ND	0.0290	0.250	-	-	-
Chrysene	ND	0.00140	0.00250	-	-	-
Dibenzo (a,h) anthracene	ND	0.00140	0.00250	-	-	-
Dibenzofuran	ND	0.0150	0.250	-	-	-
Di-n-butyl Phthalate	ND	0.00520	0.0130	-	-	-
1,2-Dichlorobenzene	ND	0.0170	0.250	-	-	-
1,3-Dichlorobenzene	ND	0.0210	0.250	-	-	-
1,4-Dichlorobenzene	ND	0.0270	0.250	-	-	-
3,3-Dichlorobenzidine	ND	0.00100	0.00250	-	-	-
2,4-Dichlorophenol	ND	0.000500	0.00130	-	-	-
Diethyl Phthalate	ND	0.00350	0.0130	-	-	-
2,4-Dimethylphenol	ND	0.0310	0.250	-	-	-
Dimethyl Phthalate	ND	0.00120	0.00250	-	-	-

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/27/2020	**BatchID:**	208194
Date Analyzed:	10/28/2020 - 10/29/2020	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17, GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208194

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
4,6-Dinitro-2-methylphenol	ND	0.180	1.20	-	-	-
2,4-Dinitrophenol	ND	0.160	0.250	-	-	-
2,4-Dinitrotoluene	ND	0.00240	0.0130	-	-	-
2,6-Dinitrotoluene	ND	0.00150	0.0130	-	-	-
Di-n-octyl Phthalate	ND	0.00490	0.0130	-	-	-
1,2-Diphenylhydrazine	ND	0.0300	0.250	-	-	-
Fluoranthene	ND	0.00120	0.00130	-	-	-
Fluorene	ND	0.00110	0.00250	-	-	-
Hexachlorobenzene	ND	0.000380	0.00130	-	-	-
Hexachlorobutadiene	ND	0.000170	0.00250	-	-	-
Hexachlorocyclopentadiene	ND	0.150	2.00	-	-	-
Hexachloroethane	ND	0.00160	0.0130	-	-	-
Indeno (1,2,3-cd) pyrene	ND	0.00240	0.0130	-	-	-
Isophorone	ND	0.0460	0.250	-	-	-
2-Methylnaphthalene	ND	0.000540	0.00250	-	-	-
2-Methylphenol (o-Cresol)	ND	0.0570	0.250	-	-	-
3 & 4-Methylphenol (m,p-Cresol)	ND	0.0720	0.250	-	-	-
Naphthalene	ND	0.000550	0.00130	-	-	-
2-Nitroaniline	ND	0.0870	1.20	-	-	-
3-Nitroaniline	ND	0.0910	1.20	-	-	-
4-Nitroaniline	ND	0.130	1.20	-	-	-
Nitrobenzene	ND	0.0250	0.250	-	-	-
2-Nitrophenol	ND	0.150	1.20	-	-	-
4-Nitrophenol	ND	0.380	1.20	-	-	-
N-Nitrosodimethylamine	ND	0.140	1.20	-	-	-
N-Nitrosodiphenylamine	ND	0.0260	0.250	-	-	-
N-Nitrosodi-n-propylamine	ND	0.0770	0.250	-	-	-
Pentachlorophenol	ND	0.00990	0.0620	-	-	-
Phenanthrene	ND	0.00120	0.00500	-	-	-
Phenol	ND	0.00500	0.0500	-	-	-
Pyrene	ND	0.000930	0.00250	-	-	-
Pyridine	ND	0.0480	0.250	-	-	-
1,2,4-Trichlorobenzene	ND	0.0250	0.250	-	-	-
2,4,5-Trichlorophenol	ND	0.000740	0.00250	-	-	-
2,4,6-Trichlorophenol	ND	0.000840	0.0130	-	-	-

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/27/2020	**BatchID:**	208194
Date Analyzed:	10/28/2020 - 10/29/2020	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17, GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208194

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
2-Fluorophenol	0.940			1.25	75	60-130
Phenol-d5	0.934			1.25	75	60-130
Nitrobenzene-d5	0.887			1.25	71	60-130
2-Fluorobiphenyl	0.881			1.25	70	60-130
2,4,6-Tribromophenol	0.471			1.25	38,F3	50-130
4-Terphenyl-d14	0.870			1.25	70	50-130

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/27/2020	**BatchID:**	208194
Date Analyzed:	10/28/2020 - 10/29/2020	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17, GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208194

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
1-Methylnaphthalene	0.0844	0.0840	0.12	67	67	60-130	0.463	30
Acenaphthene	0.0842	0.0831	0.12	67	66	60-130	1.32	30
Acenaphthylene	0.0816	0.0806	0.12	65	64	60-130	1.31	30
Anthracene	0.0866	0.0862	0.12	69	69	60-130	0.527	30
Benzidine	6.53	6.52	12.5	52	52	30-130	0.250	30
Benzo (a) anthracene	0.0918	0.0896	0.12	73	72	60-130	2.39	30
Benzo (a) pyrene	0.0916	0.0885	0.12	73	71	60-130	3.39	30
Benzo (b) fluoranthene	0.0922	0.0889	0.12	74	71	40-130	3.65	30
Benzo (g,h,i) perylene	0.0814	0.0782	0.12	65	63	60-130	4.05	30
Benzo (k) fluoranthene	0.107	0.104	0.12	86	83	60-130	2.63	30
Benzyl Alcohol	7.80	7.73	12.5	62	62	60-130	0.871	30
Bis (2-chloroethoxy) Methane	1.68	1.66	2.5	67	67	60-130	1.28	30
Bis (2-chloroethyl) Ether	0.0806	0.0775	0.12	64	62	60-130	3.94	30
Bis (2-chloroisopropyl) Ether	0.0849	0.0822	0.12	68	66	60-130	3.27	30
Bis (2-ethylhexyl) Adipate	1.51	1.71	2.5	60	68	40-130	12.7	30
Bis (2-ethylhexyl) Phthalate	0.0812	0.0807	0.12	65	65	60-130	0.591	30
4-Bromophenyl Phenyl Ether	1.75	1.78	2.5	70	71	60-130	1.67	30
Butylbenzyl Phthalate	0.0891	0.0865	0.12	71	69	60-130	2.98	30
4-Chloroaniline	0.0795	0.0790	0.12	64	63	40-130	0.560	30
4-Chloro-3-methylphenol	1.86	1.81	2.5	75	72	60-130	2.89	30
2-Chloronaphthalene	1.69	1.67	2.5	68	67	60-130	1.12	30
2-Chlorophenol	0.0816	0.0814	0.12	65	65	60-130	0.214	30
4-Chlorophenyl Phenyl Ether	1.80	1.75	2.5	72	70	60-130	2.68	30
Chrysene	0.0934	0.0936	0.12	75	75	60-130	0.220	30
Dibenzo (a,h) anthracene	0.0850	0.0816	0.12	68	65	60-130	4.02	30
Dibenzofuran	1.78	1.74	2.5	71	70	60-130	2.22	30
Di-n-butyl Phthalate	0.0937	0.0926	0.12	75	74	60-130	1.12	30
1,2-Dichlorobenzene	1.50	1.55	2.5	60	62	60-130	3.28	30
1,3-Dichlorobenzene	1.46	1.48	2.5	59,F2	59,F2	60-130	0.858	30
1,4-Dichlorobenzene	1.50	1.51	2.5	60	61	60-130	1.09	30
3,3-Dichlorobenzidine	0.0796	0.0783	0.12	64	63	40-130	1.70	30
2,4-Dichlorophenol	0.0895	0.0888	0.12	72	71	60-130	0.728	30
Diethyl Phthalate	0.0926	0.0888	0.12	74	71	60-130	4.26	30
2,4-Dimethylphenol	1.77	1.78	2.5	71	71	60-130	0.643	30
Dimethyl Phthalate	0.0871	0.0857	0.12	70	69	60-130	1.66	30
4,6-Dinitro-2-methylphenol	6.79	7.33	12.5	54	59	30-130	7.71	30
2,4-Dinitrophenol	0.751	0.806	2.5	30	32	15-130	6.97	30
2,4-Dinitrotoluene	0.103	0.101	0.12	83	81	60-130	2.70	30

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/27/2020	**BatchID:**	208194
Date Analyzed:	10/28/2020 - 10/29/2020	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17, GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208194

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
2,6-Dinitrotoluene	0.0917	0.0913	0.12	73	73	60-130	0.485	30
Di-n-octyl Phthalate	0.0840	0.0854	0.12	67	68	60-130	1.65	30
1,2-Diphenylhydrazine	1.68	1.68	2.5	67	67	60-130	0.0713	30
Fluoranthene	0.0934	0.0902	0.12	75	72	60-130	3.42	30
Fluorene	0.0930	0.0905	0.12	74	72	60-130	2.73	30
Hexachlorobenzene	0.0890	0.0909	0.12	71	73	60-130	2.13	30
Hexachlorobutadiene	0.0856	0.0863	0.12	68	69	60-130	0.852	30
Hexachlorocyclopentadiene	7.70	7.80	12.5	62	62	40-130	1.29	30
Hexachloroethane	0.0878	0.0702	0.12	70	56,F2	60-130	22.2	30
Indeno (1,2,3-cd) pyrene	0.0874	0.0842	0.12	70	67	60-130	3.64	30
Isophorone	1.72	1.67	2.5	69	67	60-130	2.57	30
2-Methylnaphthalene	0.0854	0.0846	0.12	68	68	60-130	1.01	30
2-Methylphenol (o-Cresol)	1.78	1.72	2.5	71	69	60-130	3.30	30
3 & 4-Methylphenol (m,p-Cresol)	1.78	1.73	2.5	71	69	60-130	2.72	30
Naphthalene	0.0800	0.0802	0.12	64	64	60-130	0.193	30
2-Nitroaniline	8.66	8.71	12.5	69	70	60-130	0.490	30
3-Nitroaniline	9.58	9.16	12.5	77	73	30-130	4.56	30
4-Nitroaniline	10.1	9.48	12.5	81	76	60-130	6.20	30
Nitrobenzene	1.80	1.80	2.5	72	72	60-130	0.568	30
2-Nitrophenol	9.04	9.11	12.5	72	73	60-130	0.765	30
4-Nitrophenol	9.51	8.99	12.5	76	72	60-130	5.62	30
N-Nitrosodimethylamine	7.23	7.32	12.5	58,F2	59,F2	60-130	1.31	30
N-Nitrosodiphenylamine	1.79	1.80	2.5	72	72	60-130	0.171	30
N-Nitrosodi-n-propylamine	1.47	1.43	2.5	59,F2	57,F2	60-130	2.74	30
Pentachlorophenol	0.375	0.403	0.62	60	64	40-130	7.16	30
Phenanthrene	0.0841	0.0831	0.12	67	66	60-130	1.24	30
Phenol	0.351	0.345	0.50	70	69	60-130	1.72	30
Pyrene	0.0902	0.0890	0.12	72	71	60-130	1.39	30
Pyridine	0.982	0.969	2.5	39	39	30-130	1.28	30
1,2,4-Trichlorobenzene	1.70	1.72	2.5	68	69	60-130	1.20	30
2,4,5-Trichlorophenol	0.0866	0.0882	0.12	69	71	60-130	1.77	30
2,4,6-Trichlorophenol	0.0836	0.0832	0.12	67	67	60-130	0.509	30

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/27/2020	**BatchID:**	208194
Date Analyzed:	10/28/2020 - 10/29/2020	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17, GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208194

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
2-Fluorophenol	0.805	0.846	1.25	64	68	60-130	4.96	30
Phenol-d5	0.830	0.864	1.25	66	69	60-130	4.05	30
Nitrobenzene-d5	0.858	0.942	1.25	69	75	60-130	9.34	30
2-Fluorobiphenyl	0.811	0.858	1.25	65	69	60-130	5.70	30
2,4,6-Tribromophenol	0.780	0.780	1.25	62	62	50-130	0.0481	30
4-Terphenyl-d14	0.889	0.922	1.25	71	74	50-130	3.60	30

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/28/2020	**BatchID:**	208261
Date Analyzed:	10/30/2020	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208261

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
1-Methylnaphthalene	ND	0.000340	0.00130	-	-	-
Benzoic Acid	ND	0.370	1.20	-	-	-
Acenaphthene	ND	0.000510	0.00130	-	-	-
Acenaphthylene	ND	0.000300	0.00130	-	-	-
Acetochlor	ND	0.0320	0.250	-	-	-
Anthracene	ND	0.000850	0.00130	-	-	-
Benzidine	ND	0.120	1.20	-	-	-
Benzo (a) anthracene	ND	0.00400	0.0130	-	-	-
Benzo (a) pyrene	ND	0.00120	0.00250	-	-	-
Benzo (b) fluoranthene	ND	0.00110	0.00630	-	-	-
Benzo (g,h,i) perylene	ND	0.00160	0.00250	-	-	-
Benzo (k) fluoranthene	ND	0.00120	0.00130	-	-	-
Benzyl Alcohol	ND	0.630	1.20	-	-	-
1,1-Biphenyl	ND	0.00280	0.0130	-	-	-
Bis (2-chloroethoxy) Methane	ND	0.0280	0.250	-	-	-
Bis (2-chloroethyl) Ether	ND	0.000690	0.00130	-	-	-
Bis (2-chloroisopropyl) Ether	ND	0.000540	0.00130	-	-	-
Bis (2-ethylhexyl) Adipate	ND	0.0440	0.250	-	-	-
Bis (2-ethylhexyl) Phthalate	ND	0.0110	0.0250	-	-	-
4-Bromophenyl Phenyl Ether	ND	0.0330	0.250	-	-	-
Butylbenzyl Phthalate	ND	0.00550	0.0250	-	-	-
4-Chloroaniline	ND	0.000660	0.00250	-	-	-
4-Chloro-3-methylphenol	ND	0.0320	0.250	-	-	-
2-Chloronaphthalene	ND	0.0200	0.250	-	-	-
2-Chlorophenol	ND	0.00190	0.0130	-	-	-
4-Chlorophenyl Phenyl Ether	ND	0.0290	0.250	-	-	-
Chrysene	ND	0.00140	0.00250	-	-	-
Dibenzo (a,h) anthracene	ND	0.00140	0.00250	-	-	-
Dibenzofuran	ND	0.0150	0.250	-	-	-
Di-n-butyl Phthalate	ND	0.00520	0.0130	-	-	-
1,2-Dichlorobenzene	ND	0.0170	0.250	-	-	-
1,3-Dichlorobenzene	ND	0.0210	0.250	-	-	-
1,4-Dichlorobenzene	ND	0.0270	0.250	-	-	-
3,3-Dichlorobenzidine	ND	0.00100	0.00250	-	-	-
2,4-Dichlorophenol	ND	0.000500	0.00130	-	-	-
Diethyl Phthalate	ND	0.00350	0.0130	-	-	-
2,4-Dimethylphenol	ND	0.0310	0.250	-	-	-
Dimethyl Phthalate	ND	0.00120	0.00250	-	-	-

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/28/2020	**BatchID:**	208261
Date Analyzed:	10/30/2020	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208261

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
4,6-Dinitro-2-methylphenol	ND	0.180	1.20	-	-	-
2,4-Dinitrophenol	ND	0.160	0.250	-	-	-
2,4-Dinitrotoluene	ND	0.00240	0.0130	-	-	-
2,6-Dinitrotoluene	ND	0.00150	0.0130	-	-	-
Di-n-octyl Phthalate	ND	0.00490	0.0130	-	-	-
1,2-Diphenylhydrazine	ND	0.0300	0.250	-	-	-
Fluoranthene	ND	0.00120	0.00130	-	-	-
Fluorene	ND	0.00110	0.00250	-	-	-
Hexachlorobenzene	ND	0.000380	0.00130	-	-	-
Hexachlorobutadiene	ND	0.000170	0.00250	-	-	-
Hexachlorocyclopentadiene	ND	0.150	2.00	-	-	-
Hexachloroethane	ND	0.00160	0.0130	-	-	-
Indeno (1,2,3-cd) pyrene	ND	0.00240	0.0130	-	-	-
Isophorone	ND	0.0460	0.250	-	-	-
2-Methylnaphthalene	ND	0.000540	0.00250	-	-	-
2-Methylphenol (o-Cresol)	ND	0.0570	0.250	-	-	-
3 & 4-Methylphenol (m,p-Cresol)	ND	0.0720	0.250	-	-	-
Naphthalene	ND	0.000550	0.00130	-	-	-
2-Nitroaniline	ND	0.0870	1.20	-	-	-
3-Nitroaniline	ND	0.0910	1.20	-	-	-
4-Nitroaniline	ND	0.130	1.20	-	-	-
Nitrobenzene	ND	0.0250	0.250	-	-	-
2-Nitrophenol	ND	0.150	1.20	-	-	-
4-Nitrophenol	ND	0.380	1.20	-	-	-
N-Nitrosodimethylamine	ND	0.140	1.20	-	-	-
N-Nitrosodiphenylamine	ND	0.0260	0.250	-	-	-
N-Nitrosodi-n-propylamine	ND	0.0770	0.250	-	-	-
Pentachlorophenol	ND	0.00990	0.0620	-	-	-
Phenanthrene	ND	0.00120	0.00500	-	-	-
Phenol	ND	0.00500	0.0500	-	-	-
Pyrene	ND	0.000930	0.00250	-	-	-
Pyridine	ND	0.0480	0.250	-	-	-
1,2,4-Trichlorobenzene	ND	0.0250	0.250	-	-	-
2,4,5-Trichlorophenol	ND	0.000740	0.00250	-	-	-
2,4,6-Trichlorophenol	ND	0.000840	0.0130	-	-	-

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/28/2020	**BatchID:**	208261
Date Analyzed:	10/30/2020	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208261

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
2-Fluorophenol	0.935			1.25	75	60-130
Phenol-d5	0.872			1.25	70	60-130
Nitrobenzene-d5	0.918			1.25	73	60-130
2-Fluorobiphenyl	0.821			1.25	66	60-130
2,4,6-Tribromophenol	0.407			1.25	33,F3	50-130
4-Terphenyl-d14	0.876			1.25	70	50-130

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/28/2020	**BatchID:**	208261
Date Analyzed:	10/30/2020	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208261

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
1-Methylnaphthalene	0.0903	0.0918	0.12	72	73	60-130	1.63	30
Acenaphthene	0.0839	0.0855	0.12	67	68	60-130	1.92	30
Acenaphthylene	0.0860	0.0877	0.12	69	70	60-130	1.92	30
Anthracene	0.0874	0.0912	0.12	70	73	60-130	4.30	30
Benzidine	6.52	6.97	12.5	52	56	30-130	6.65	30
Benzo (a) anthracene	0.0836	0.0854	0.12	67	68	60-130	2.08	30
Benzo (a) pyrene	0.0866	0.0884	0.12	69	71	60-130	1.98	30
Benzo (b) fluoranthene	0.0832	0.0860	0.12	67	69	40-130	3.41	30
Benzo (g,h,i) perylene	0.0793	0.0810	0.12	63	65	60-130	2.11	30
Benzo (k) fluoranthene	0.101	0.101	0.12	81	81	60-130	0.0417	30
Benzyl Alcohol	7.95	8.08	12.5	64	65	60-130	1.63	30
Bis (2-chloroethoxy) Methane	1.75	1.75	2.5	70	70	60-130	0.0271	30
Bis (2-chloroethyl) Ether	0.0801	0.0847	0.12	64	68	60-130	5.57	30
Bis (2-chloroisopropyl) Ether	0.0875	0.0880	0.12	70	70	60-130	0.602	30
Bis (2-ethylhexyl) Adipate	1.73	1.76	2.5	69	70	40-130	1.75	30
Bis (2-ethylhexyl) Phthalate	0.0843	0.0935	0.12	67	75	60-130	10.3	30
4-Bromophenyl Phenyl Ether	1.79	1.85	2.5	72	74	60-130	3.28	30
Butylbenzyl Phthalate	0.0885	0.0914	0.12	71	73	60-130	3.26	30
4-Chloroaniline	0.0860	0.0903	0.12	69	72	40-130	4.90	30
4-Chloro-3-methylphenol	1.86	1.91	2.5	74	76	60-130	2.41	30
2-Chloronaphthalene	1.72	1.73	2.5	69	69	60-130	0.350	30
2-Chlorophenol	0.0882	0.0926	0.12	71	74	60-130	4.98	30
4-Chlorophenyl Phenyl Ether	1.75	1.77	2.5	70	71	60-130	1.46	30
Chrysene	0.0860	0.0866	0.12	69	69	60-130	0.653	30
Dibenzo (a,h) anthracene	0.0821	0.0830	0.12	66	66	60-130	1.11	30
Dibenzofuran	1.76	1.79	2.5	70	72	60-130	1.75	30
Di-n-butyl Phthalate	0.0932	0.0932	0.12	75	75	60-130	0.0219	30
1,2-Dichlorobenzene	1.62	1.63	2.5	65	65	60-130	0.618	30
1,3-Dichlorobenzene	1.60	1.59	2.5	64	64	60-130	0.277	30
1,4-Dichlorobenzene	1.64	1.63	2.5	65	65	60-130	0.653	30
3,3-Dichlorobenzidine	0.0792	0.0807	0.12	63	65	40-130	1.81	30
2,4-Dichlorophenol	0.0992	0.102	0.12	79	82	60-130	3.05	30
Diethyl Phthalate	0.0880	0.0895	0.12	70	72	60-130	1.67	30
2,4-Dimethylphenol	1.93	2.00	2.5	77	80	60-130	3.12	30
Dimethyl Phthalate	0.0849	0.0891	0.12	68	71	60-130	4.83	30
4,6-Dinitro-2-methylphenol	3.40	2.86	12.5	27,F2	23,F2	30-130	17.1	30
2,4-Dinitrophenol	0.397	0.330	2.5	16	13,F2	15-130	18.3	30
2,4-Dinitrotoluene	0.0949	0.0978	0.12	76	78	60-130	2.93	30

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/28/2020	**BatchID:**	208261
Date Analyzed:	10/30/2020	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208261

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
2,6-Dinitrotoluene	0.0938	0.102	0.12	75	81	60-130	8.19	30
Di-n-octyl Phthalate	0.0982	0.103	0.12	79	82	60-130	4.90	30
1,2-Diphenylhydrazine	1.72	1.74	2.5	69	69	60-130	0.685	30
Fluoranthene	0.0866	0.0868	0.12	69	69	60-130	0.183	30
Fluorene	0.0910	0.0915	0.12	73	73	60-130	0.520	30
Hexachlorobenzene	0.0913	0.0923	0.12	73	74	60-130	1.03	30
Hexachlorobutadiene	0.0973	0.0921	0.12	78	74	60-130	5.52	30
Hexachlorocyclopentadiene	8.29	8.30	12.5	66	66	40-130	0.105	30
Hexachloroethane	0.0856	0.0884	0.12	68	71	60-130	3.28	30
Indeno (1,2,3-cd) pyrene	0.0858	0.0863	0.12	69	69	60-130	0.537	30
Isophorone	1.75	1.74	2.5	70	70	60-130	0.545	30
2-Methylnaphthalene	0.0946	0.0944	0.12	76	76	60-130	0.199	30
2-Methylphenol (o-Cresol)	1.83	1.82	2.5	73	73	60-130	0.910	30
3 & 4-Methylphenol (m,p-Cresol)	1.75	1.80	2.5	70	72	60-130	2.90	30
Naphthalene	0.0846	0.0850	0.12	68	68	60-130	0.430	30
2-Nitroaniline	8.35	8.83	12.5	67	71	60-130	5.66	30
3-Nitroaniline	9.14	9.22	12.5	73	74	30-130	0.910	30
4-Nitroaniline	8.72	8.89	12.5	70	71	60-130	1.89	30
Nitrobenzene	1.89	1.91	2.5	76	76	60-130	1.14	30
2-Nitrophenol	9.54	9.59	12.5	76	77	60-130	0.550	30
4-Nitrophenol	7.73	8.12	12.5	62	65	60-130	4.86	30
N-Nitrosodimethylamine	7.52	7.46	12.5	60	60	60-130	0.920	30
N-Nitrosodiphenylamine	1.78	1.81	2.5	71	72	60-130	1.53	30
N-Nitrosodi-n-propylamine	1.44	1.42	2.5	57,F2	57,F2	60-130	0.852	30
Pentachlorophenol	0.378	0.365	0.62	60	58	40-130	3.48	30
Phenanthrene	0.0836	0.0850	0.12	67	68	60-130	1.75	30
Phenol	0.352	0.360	0.50	70	72	60-130	2.26	30
Pyrene	0.0906	0.0943	0.12	72	75	60-130	4.09	30
Pyridine	1.25	1.22	2.5	50	49	30-130	2.65	30
1,2,4-Trichlorobenzene	1.81	1.79	2.5	73	72	60-130	1.10	30
2,4,5-Trichlorophenol	0.0956	0.0969	0.12	76	78	60-130	1.33	30
2,4,6-Trichlorophenol	0.0886	0.0909	0.12	71	73	60-130	2.51	30

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/28/2020	**BatchID:**	208261
Date Analyzed:	10/30/2020	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208261

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
2-Fluorophenol	0.919	0.982	1.25	74	79	60-130	6.65	30
Phenol-d5	0.909	0.974	1.25	73	78	60-130	7.00	30
Nitrobenzene-d5	0.976	1.08	1.25	78	86	60-130	10.1	30
2-Fluorobiphenyl	0.918	0.981	1.25	73	78	60-130	6.67	30
2,4,6-Tribromophenol	0.640	0.679	1.25	51	54	50-130	5.95	30
4-Terphenyl-d14	0.970	1.05	1.25	78	84	50-130	8.15	30

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/30/2020	**BatchID:**	208413
Date Analyzed:	10/30/2020	**Extraction Method:**	SW3550B/3640A
Instrument:	GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208413

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
1-Methylnaphthalene	ND	0.000340	0.00130	-	-	-
Benzoic Acid	ND	0.370	1.20	-	-	-
Acenaphthene	ND	0.000510	0.00130	-	-	-
Acenaphthylene	ND	0.000300	0.00130	-	-	-
Acetochlor	ND	0.0320	0.250	-	-	-
Anthracene	ND	0.000850	0.00130	-	-	-
Benzidine	ND	0.120	1.20	-	-	-
Benzo (a) anthracene	ND	0.00400	0.0130	-	-	-
Benzo (a) pyrene	ND	0.00120	0.00250	-	-	-
Benzo (b) fluoranthene	ND	0.00110	0.00630	-	-	-
Benzo (g,h,i) perylene	ND	0.00160	0.00250	-	-	-
Benzo (k) fluoranthene	ND	0.00120	0.00130	-	-	-
Benzyl Alcohol	ND	0.630	1.20	-	-	-
1,1-Biphenyl	ND	0.00280	0.0130	-	-	-
Bis (2-chloroethoxy) Methane	ND	0.0280	0.250	-	-	-
Bis (2-chloroethyl) Ether	ND	0.000690	0.00130	-	-	-
Bis (2-chloroisopropyl) Ether	ND	0.000540	0.00130	-	-	-
Bis (2-ethylhexyl) Adipate	ND	0.0440	0.250	-	-	-
Bis (2-ethylhexyl) Phthalate	ND	0.0110	0.0250	-	-	-
4-Bromophenyl Phenyl Ether	ND	0.0330	0.250	-	-	-
Butylbenzyl Phthalate	ND	0.00550	0.0250	-	-	-
4-Chloroaniline	ND	0.000660	0.00250	-	-	-
4-Chloro-3-methylphenol	ND	0.0320	0.250	-	-	-
2-Chloronaphthalene	ND	0.0200	0.250	-	-	-
2-Chlorophenol	ND	0.00190	0.0130	-	-	-
4-Chlorophenyl Phenyl Ether	ND	0.0290	0.250	-	-	-
Chrysene	ND	0.00140	0.00250	-	-	-
Dibenzo (a,h) anthracene	ND	0.00140	0.00250	-	-	-
Dibenzofuran	ND	0.0150	0.250	-	-	-
Di-n-butyl Phthalate	ND	0.00520	0.0130	-	-	-
1,2-Dichlorobenzene	ND	0.0170	0.250	-	-	-
1,3-Dichlorobenzene	ND	0.0210	0.250	-	-	-
1,4-Dichlorobenzene	ND	0.0270	0.250	-	-	-
3,3-Dichlorobenzidine	ND	0.00100	0.00250	-	-	-
2,4-Dichlorophenol	ND	0.000500	0.00130	-	-	-
Diethyl Phthalate	ND	0.00350	0.0130	-	-	-
2,4-Dimethylphenol	ND	0.0310	0.250	-	-	-
Dimethyl Phthalate	ND	0.00120	0.00250	-	-	-

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/30/2020	**BatchID:**	208413
Date Analyzed:	10/30/2020	**Extraction Method:**	SW3550B/3640A
Instrument:	GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208413

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
4,6-Dinitro-2-methylphenol	ND	0.180	1.20	-	-	-
2,4-Dinitrophenol	ND	0.160	0.250	-	-	-
2,4-Dinitrotoluene	ND	0.00240	0.0130	-	-	-
2,6-Dinitrotoluene	ND	0.00150	0.0130	-	-	-
Di-n-octyl Phthalate	ND	0.00490	0.0130	-	-	-
1,2-Diphenylhydrazine	ND	0.0300	0.250	-	-	-
Fluoranthene	ND	0.00120	0.00130	-	-	-
Fluorene	ND	0.00110	0.00250	-	-	-
Hexachlorobenzene	ND	0.000380	0.00130	-	-	-
Hexachlorobutadiene	ND	0.000170	0.00250	-	-	-
Hexachlorocyclopentadiene	ND	0.150	2.00	-	-	-
Hexachloroethane	ND	0.00160	0.0130	-	-	-
Indeno (1,2,3-cd) pyrene	ND	0.00240	0.0130	-	-	-
Isophorone	ND	0.0460	0.250	-	-	-
2-Methylnaphthalene	ND	0.000540	0.00250	-	-	-
2-Methylphenol (o-Cresol)	ND	0.0570	0.250	-	-	-
3 & 4-Methylphenol (m,p-Cresol)	ND	0.0720	0.250	-	-	-
Naphthalene	ND	0.000550	0.00130	-	-	-
2-Nitroaniline	ND	0.0870	1.20	-	-	-
3-Nitroaniline	ND	0.0910	1.20	-	-	-
4-Nitroaniline	ND	0.130	1.20	-	-	-
Nitrobenzene	ND	0.0250	0.250	-	-	-
2-Nitrophenol	ND	0.150	1.20	-	-	-
4-Nitrophenol	ND	0.380	1.20	-	-	-
N-Nitrosodimethylamine	ND	0.140	1.20	-	-	-
N-Nitrosodiphenylamine	ND	0.0260	0.250	-	-	-
N-Nitrosodi-n-propylamine	ND	0.0770	0.250	-	-	-
Pentachlorophenol	ND	0.00990	0.0620	-	-	-
Phenanthrene	ND	0.00120	0.00500	-	-	-
Phenol	ND	0.00500	0.0500	-	-	-
Pyrene	ND	0.000930	0.00250	-	-	-
Pyridine	ND	0.0480	0.250	-	-	-
1,2,4-Trichlorobenzene	ND	0.0250	0.250	-	-	-
2,4,5-Trichlorophenol	ND	0.000740	0.00250	-	-	-
2,4,6-Trichlorophenol	ND	0.000840	0.0130	-	-	-

(Cont.)

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/30/2020	**BatchID:**	208413
Date Analyzed:	10/30/2020	**Extraction Method:**	SW3550B/3640A
Instrument:	GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208413

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
2-Fluorophenol	1.05			1.25	84	60-130
Phenol-d5	0.980			1.25	78	60-130
Nitrobenzene-d5	0.949			1.25	76	60-130
2-Fluorobiphenyl	0.848			1.25	68	60-130
2,4,6-Tribromophenol	0.389			1.25	31,F3	50-130
4-Terphenyl-d14	0.878			1.25	70	50-130

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/30/2020	**BatchID:**	208413
Date Analyzed:	10/30/2020	**Extraction Method:**	SW3550B/3640A
Instrument:	GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208413

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
1-Methylnaphthalene	0.109	0.0985	0.12	87	79	60-130	10.1	30
Acenaphthene	0.103	0.0950	0.12	82	76	60-130	7.74	30
Acenaphthylene	0.113	0.105	0.12	90	84	60-130	7.00	30
Anthracene	0.117	0.107	0.12	94	86	60-130	9.06	30
Benzidine	7.00	6.70	12.5	56	54	30-130	4.34	30
Benzo (a) anthracene	0.112	0.100	0.12	90	80	60-130	11.6	30
Benzo (a) pyrene	0.119	0.114	0.12	95	91	60-130	4.99	30
Benzo (b) fluoranthene	0.106	0.100	0.12	85	80	40-130	5.99	30
Benzo (g,h,i) perylene	0.111	0.104	0.12	89	83	60-130	7.34	30
Benzo (k) fluoranthene	0.112	0.105	0.12	90	84	60-130	6.62	30
Benzyl Alcohol	7.73	7.35	12.5	62	59,F2	60-130	5.07	30
Bis (2-chloroethoxy) Methane	1.78	1.66	2.5	71	67	60-130	6.40	30
Bis (2-chloroethyl) Ether	0.0844	0.0827	0.12	68	66	60-130	2.13	30
Bis (2-chloroisopropyl) Ether	0.101	0.0941	0.12	80	75	60-130	6.59	30
Bis (2-ethylhexyl) Adipate	1.77	1.65	2.5	71	66	40-130	7.09	30
Bis (2-ethylhexyl) Phthalate	0.102	0.0947	0.12	81	76	60-130	6.97	30
4-Bromophenyl Phenyl Ether	2.12	1.95	2.5	85	78	60-130	8.24	30
Butylbenzyl Phthalate	0.105	0.101	0.12	84	81	60-130	3.71	30
4-Chloroaniline	0.0875	0.0830	0.12	70	66	40-130	5.21	30
4-Chloro-3-methylphenol	1.97	1.82	2.5	79	73	60-130	8.07	30
2-Chloronaphthalene	2.03	1.83	2.5	81	73	60-130	10.4	30
2-Chlorophenol	0.111	0.110	0.12	89	88	60-130	0.633	30
4-Chlorophenyl Phenyl Ether	1.86	1.74	2.5	74	69	60-130	6.71	30
Chrysene	0.108	0.0967	0.12	86	77	60-130	11.0	30
Dibenzo (a,h) anthracene	0.111	0.103	0.12	89	82	60-130	7.54	30
Dibenzofuran	1.86	1.74	2.5	74	70	60-130	6.69	30
Di-n-butyl Phthalate	0.103	0.0957	0.12	82	77	60-130	6.91	30
1,2-Dichlorobenzene	1.83	1.75	2.5	73	70	60-130	4.64	30
1,3-Dichlorobenzene	1.84	1.75	2.5	74	70	60-130	5.21	30
1,4-Dichlorobenzene	1.82	1.71	2.5	73	68	60-130	5.90	30
3,3-Dichlorobenzidine	0.0900	0.0810	0.12	72	65	40-130	10.6	30
2,4-Dichlorophenol	0.100	0.0916	0.12	80	73	60-130	8.91	30
Diethyl Phthalate	0.0953	0.0883	0.12	76	71	60-130	7.61	30
2,4-Dimethylphenol	2.15	2.04	2.5	86	81	60-130	5.46	30
Dimethyl Phthalate	0.0987	0.0920	0.12	79	74	60-130	7.04	30
4,6-Dinitro-2-methylphenol	4.21	3.15	12.5	34	25,F2	30-130	28.8	30
2,4-Dinitrophenol	0.438	0.355	2.5	18	14,F2	15-130	20.9	30
2,4-Dinitrotoluene	0.124	0.118	0.12	100	94	60-130	5.69	30

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/30/2020	**BatchID:**	208413
Date Analyzed:	10/30/2020	**Extraction Method:**	SW3550B/3640A
Instrument:	GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208413

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
2,6-Dinitrotoluene	0.126	0.121	0.12	101	97	60-130	4.07	30
Di-n-octyl Phthalate	0.106	0.104	0.12	85	83	60-130	1.90	30
1,2-Diphenylhydrazine	2.08	1.86	2.5	83	74	60-130	11.3	30
Fluoranthene	0.106	0.0994	0.12	85	80	60-130	6.59	30
Fluorene	0.111	0.103	0.12	89	82	60-130	7.95	30
Hexachlorobenzene	0.0961	0.0893	0.12	77	71	60-130	7.31	30
Hexachlorobutadiene	0.0924	0.0822	0.12	74	66	60-130	11.6	30
Hexachlorocyclopentadiene	10.2	9.25	12.5	82	74	40-130	9.78	30
Hexachloroethane	0.0946	0.0851	0.12	76	68	60-130	10.6	30
Indeno (1,2,3-cd) pyrene	0.112	0.103	0.12	90	82	60-130	8.73	30
Isophorone	1.99	1.80	2.5	80	72	60-130	10.3	30
2-Methylnaphthalene	0.118	0.105	0.12	94	84	60-130	12.1	30
2-Methylphenol (o-Cresol)	2.11	1.98	2.5	84	79	60-130	6.23	30
3 & 4-Methylphenol (m,p-Cresol)	1.92	1.92	2.5	77	77	60-130	0.337	30
Naphthalene	0.0822	0.0757	0.12	66	61	60-130	8.23	30
2-Nitroaniline	9.88	9.19	12.5	79	74	60-130	7.21	30
3-Nitroaniline	8.99	8.20	12.5	72	66	30-130	9.15	30
4-Nitroaniline	8.39	7.81	12.5	67	63	60-130	7.12	30
Nitrobenzene	2.46	2.17	2.5	98	87	60-130	12.3	30
2-Nitrophenol	11.8	11.1	12.5	94	89	60-130	5.96	30
4-Nitrophenol	9.61	8.54	12.5	77	68	60-130	11.8	30
N-Nitrosodimethylamine	8.42	7.67	12.5	67	61	60-130	9.29	30
N-Nitrosodiphenylamine	2.10	1.91	2.5	84	77	60-130	9.39	30
N-Nitrosodi-n-propylamine	1.88	1.80	2.5	75	72	60-130	4.77	30
Pentachlorophenol	0.396	0.323	0.62	63	52	40-130	20.4	30
Phenanthrene	0.103	0.0932	0.12	83	75	60-130	10.1	30
Phenol	0.389	0.384	0.50	78	77	60-130	1.23	30
Pyrene	0.112	0.104	0.12	90	84	60-130	7.28	30
Pyridine	1.35	1.21	2.5	54	49	30-130	10.7	30
1,2,4-Trichlorobenzene	1.77	1.58	2.5	71	63	60-130	10.9	30
2,4,5-Trichlorophenol	0.110	0.0998	0.12	88	80	60-130	9.66	30
2,4,6-Trichlorophenol	0.0913	0.0836	0.12	73	67	60-130	8.88	30

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/30/2020	**BatchID:**	208413
Date Analyzed:	10/30/2020	**Extraction Method:**	SW3550B/3640A
Instrument:	GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208413

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
2-Fluorophenol	1.01	0.997	1.25	81	80	60-130	1.37	30
Phenol-d5	1.02	1.00	1.25	82	80	60-130	2.03	30
Nitrobenzene-d5	1.18	1.13	1.25	94	90	60-130	4.26	30
2-Fluorobiphenyl	1.01	0.945	1.25	81	76	60-130	6.92	30
2,4,6-Tribromophenol	0.707	0.677	1.25	57	54	50-130	4.23	30
4-Terphenyl-d14	0.989	0.974	1.25	79	78	50-130	1.53	30

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/28/2020	**BatchID:**	208145
Date Analyzed:	10/28/2020	**Extraction Method:**	SW3050B
Instrument:	ICP-MS5	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208145

QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Antimony	ND	0.160	0.500	-	-	-
Arsenic	ND	0.150	0.500	-	-	-
Barium	ND	0.570	5.00	-	-	-
Beryllium	ND	0.0730	0.500	-	-	-
Cadmium	0.0740,J	0.0610	0.500	-	-	-
Chromium	ND	0.130	0.500	-	-	-
Cobalt	ND	0.0520	0.500	-	-	-
Copper	ND	0.180	0.500	-	-	-
Lead	ND	0.140	0.500	-	-	-
Mercury	ND	0.0320	0.0500	-	-	-
Molybdenum	ND	0.160	0.500	-	-	-
Nickel	ND	0.170	0.500	-	-	-
Selenium	ND	0.150	0.500	-	-	-
Silver	ND	0.120	0.500	-	-	-
Thallium	ND	0.0670	0.500	-	-	-
Vanadium	ND	0.130	0.500	-	-	-
Zinc	ND	3.00	5.00	-	-	-
Surrogate Recovery						
Terbium	506			500	101	70-130

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/28/2020	**BatchID:**	208145
Date Analyzed:	10/28/2020	**Extraction Method:**	SW3050B
Instrument:	ICP-MS5	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208145

QC Summary Report for Metals

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Antimony	50.5	51.3	50	101	103	75-125	1.58	20
Arsenic	49.6	51.7	50	99	103	75-125	4.28	20
Barium	492	506	500	98	101	75-125	2.85	20
Beryllium	48.2	49.6	50	96	99	75-125	2.86	20
Cadmium	47.6	49.2	50	95	98	75-125	3.25	20
Chromium	48.1	48.8	50	96	97	75-125	1.31	20
Cobalt	49.0	50.2	50	98	100	75-125	2.40	20
Copper	47.5	49.1	50	95	98	75-125	3.44	20
Lead	47.6	49.3	50	95	99	75-125	3.55	20
Mercury	1.15	1.15	1.25	92	92	75-125	0.696	20
Molybdenum	47.8	49.4	50	96	99	75-125	3.37	20
Nickel	48.0	49.5	50	96	99	75-125	3.18	20
Selenium	48.4	50.4	50	97	101	75-125	4.23	20
Silver	48.0	49.7	50	96	99	75-125	3.60	20
Thallium	48.0	49.8	50	96	100	75-125	3.68	20
Vanadium	48.8	48.8	50	98	98	75-125	0.0983	20
Zinc	483	499	500	97	100	75-125	3.28	20
Surrogate Recovery								
Terbium	498	505	500	100	101	70-130	1.34	20

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/27/2020	**BatchID:**	208138
Date Analyzed:	10/27/2020 - 10/29/2020	**Extraction Method:**	SW5035
Instrument:	GC19, GC7	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208138

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH(g) (C6-C12)	ND	0.700	1.00	-	-	-
MTBE	ND	0.00400	0.0500	-	-	-
Benzene	ND	0.00300	0.00500	-	-	-
Toluene	ND	0.00200	0.00500	-	-	-
Ethylbenzene	ND	0.00220	0.00500	-	-	-
m,p-Xylene	ND	0.00300	0.0100	-	-	-
o-Xylene	ND	0.00100	0.00500	-	-	-
Surrogate Recovery						
2-Fluorotoluene	0.0981			0.1	98	75-134

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(btex)	0.689	0.670	0.60	115	112	82-118	2.77	20
MTBE	0.0948	0.0961	0.10	95	96	61-119	1.37	20
Benzene	0.113	0.116	0.10	113	117	77-128	3.05	20
Toluene	0.117	0.119	0.10	117	119	74-132	2.09	20
Ethylbenzene	0.114	0.116	0.10	114	116	84-127	1.77	20
m,p-Xylene	0.232	0.232	0.20	116	116	80-120	0.0232	20
o-Xylene	0.114	0.112	0.10	114	112	80-120	1.31	20
Surrogate Recovery								
2-Fluorotoluene	0.110	0.109	0.10	110	109	75-134	1.24	20

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/27/2020	**BatchID:**	208143
Date Analyzed:	10/27/2020	**Extraction Method:**	SW5035
Instrument:	GC19, GC7	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208143

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH(g) (C6-C12)	ND	0.700	1.00	-	-	-
MTBE	ND	0.00400	0.0500	-	-	-
Benzene	ND	0.00300	0.00500	-	-	-
Toluene	ND	0.00200	0.00500	-	-	-
Ethylbenzene	ND	0.00220	0.00500	-	-	-
m,p-Xylene	ND	0.00300	0.0100	-	-	-
o-Xylene	ND	0.00100	0.00500	-	-	-
Surrogate Recovery						
2-Fluorotoluene	0.0969			0.1	97	75-134

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(btex)	0.646	0.668	0.60	108	111	82-118	3.35	20
MTBE	0.0928	0.0931	0.10	93	93	61-119	0.242	20
Benzene	0.101	0.107	0.10	101	107	77-128	5.52	20
Toluene	0.103	0.110	0.10	103	110	74-132	6.30	20
Ethylbenzene	0.0990	0.107	0.10	99	107	84-127	7.38	20
m,p-Xylene	0.206	0.222	0.20	103	111	80-120	7.70	20
o-Xylene	0.0951	0.104	0.10	95	104	80-120	8.86	20
Surrogate Recovery								
2-Fluorotoluene	0.0946	0.100	0.10	95	100	75-134	5.96	20

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/29/2020	**BatchID:**	208342
Date Analyzed:	10/30/2020	**Extraction Method:**	SW5035
Instrument:	GC3, GC7	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208342

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH(g) (C6-C12)	ND	0.700	1.00	-	-	-
MTBE	ND	0.00400	0.0500	-	-	-
Benzene	ND	0.00300	0.00500	-	-	-
Toluene	ND	0.00200	0.00500	-	-	-
Ethylbenzene	ND	0.00220	0.00500	-	-	-
m,p-Xylene	ND	0.00300	0.0100	-	-	-
o-Xylene	ND	0.00100	0.00500	-	-	-
Surrogate Recovery						
2-Fluorotoluene	0.0990			0.1	99	75-134

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(btex)	0.618	0.624	0.60	103	104	82-118	0.919	20
MTBE	0.0993	0.0986	0.10	99	99	61-119	0.633	20
Benzene	0.119	0.110	0.10	119	110	77-128	7.19	20
Toluene	0.117	0.114	0.10	117	114	74-132	2.97	20
Ethylbenzene	0.117	0.109	0.10	117	109	84-127	7.21	20
m,p-Xylene	0.235	0.222	0.20	118	111	80-120	5.76	20
o-Xylene	0.114	0.106	0.10	114	107	80-120	6.51	20
Surrogate Recovery								
2-Fluorotoluene	0.111	0.101	0.10	111	101	75-134	9.61	20

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/27/2020	**BatchID:**	208137
Date Analyzed:	10/27/2020 - 10/28/2020	**Extraction Method:**	SW3550B
Instrument:	GC11B, GC39B	**Analytical Method:**	SW8015B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208137

QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	0.750	1.00	-	-	-
TPH-Motor Oil (C18-C36)	ND	3.90	5.00	-	-	-
Surrogate Recovery						
C9	24.6			25	98	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	38.5	38.5	40	96	96	70-130	0.135	20
Surrogate Recovery								
C9	24.1	23.8	25	96	95	70-130	1.29	20

(Cont.)

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	10/27/2020	**BatchID:**	208141
Date Analyzed:	10/27/2020 - 10/28/2020	**Extraction Method:**	SW3550B
Instrument:	GC11A, GC6B	**Analytical Method:**	SW8015B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208141

QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	0.750	1.00	-	-	-
TPH-Motor Oil (C18-C36)	ND	3.90	5.00	-	-	-
Surrogate Recovery						
C9	22.2			25	89	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	34.0	34.4	40	85	86	70-130	1.27	20
Surrogate Recovery								
C9	22.3	22.3	25	89	89	70-130	0.195	20

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Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2010637 **ClientCode: TRSJ**

☐ WaterTrax ☐ WriteOn ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☑ Detection Summary ☐ Excel

Report to:
Peter Cusack
Langan
1 Almaden Blvd, Suite 590
San Jose, CA 95113
(407) 494-8451 FAX:

Email: pcusack@Langan.com
cc/3rd Party:
PO:
Project: 770634903; Burlingame Shoreline Park

Bill to:
Accounts Payable
Langan
555 Montgomery St., Suite 1300
San Francisco, CA 94111
Langan_InvoiceCapture@concursolutio

Requested TAT: 5 days;

Date Received: **10/13/2020**
Date Logged: **10/27/2020**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
2010637-001	S2-1-1.5	Soil	10/12/2020 08:15	☐	A	A	A	A		A	A		A			
2010637-002	S2-2.5-3	Soil	10/12/2020 08:18	☐		A	A	A		A	A		A			
2010637-003	S2-4.5-5	Soil	10/12/2020 08:24	☐							A	A				
2010637-004	S2-9.5-10	Soil	10/12/2020 08:25	☐							A	A				
2010637-005	S2-14.5-15	Soil	10/12/2020 08:26	☐		A	A	A	A	A	A		A			
2010637-006	S3-1-1.5	Soil	10/12/2020 09:16	☐	A	A	A	A		A	A		A			
2010637-007	S3-2.5-3	Soil	10/12/2020 09:17	☐		A	A	A		A	A		A			
2010637-008	S3-4.5-5	Soil	10/12/2020 09:19	☐							A	A				
2010637-009	S3-9.5-10	Soil	10/12/2020 09:22	☐		A	A	A		A	A		A			
2010637-010	S3-14.5-15	Soil	10/12/2020 09:25	☐							A	A				
2010637-011	S4-1-1.5	Soil	10/12/2020 10:04	☐	A	A	A	A		A	A		A			
2010637-012	S4-2.5-3	Soil	10/12/2020 10:07	☐		A	A	A		A	A		A			
2010637-013	S4-4.5-5	Soil	10/12/2020 10:05	☐		A	A	A		A	A		A			
2010637-014	S4-9.5-10	Soil	10/12/2020 10:09	☐							A	A				
2010637-015	S4-14.5-15	Soil	10/12/2020 10:10	☐							A	A				

Test Legend:

1	8081pcB_ESL_LL_S	2	8260B_Scan-SIM_S	3	8270_SCSM_GPC_S	4	CAM17MS_TTLC_S
5	CARB435_400	6	G-MBTEX_S	7	PRDisposal Fee	8	PRHOLD
9	TPH(DMO)_S	10		11		12	

Project Manager: Angela Rydelius **Prepared by: Nancy Palacios**

The following SampIDs: 001A, 002A, 005A, 006A, 007A, 009A, 011A, 012A, 013A, 016A, 017A, 019A, 021A, 022A, 023A, 026A, 027A, 029A contain testgroup Multi Range_S.

Comments: Samples off HOLD 10/26/2020.

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 2010637 **ClientCode: TRSJ**

☐ WaterTrax ☐ WriteOn ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☑ Detection Summary ☐ Excel

Report to:
Peter Cusack
Langan
1 Almaden Blvd, Suite 590
San Jose, CA 95113
(407) 494-8451 FAX:

Email: pcusack@Langan.com
cc/3rd Party:
PO:
Project: 770634903; Burlingame Shoreline Park

Bill to:
Accounts Payable
Langan
555 Montgomery St., Suite 1300
San Francisco, CA 94111
Langan_InvoiceCapture@concursolutio

Requested TAT: 5 days;

Date Received: **10/13/2020**
Date Logged: **10/27/2020**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2010637-016	S5-1-1.5	Soil	10/12/2020 10:42	☐	A	A	A	A		A	A		A			
2010637-017	S5-2.5-3	Soil	10/12/2020 10:43	☐		A	A	A		A	A		A			
2010637-018	S5-4.5-5	Soil	10/12/2020 10:51	☐							A	A				
2010637-019	S5-9.5-10	Soil	10/12/2020 10:59	☐		A	A	A	A	A	A		A			
2010637-020	S5-14.5-15	Soil	10/12/2020 11:01	☐							A	A				
2010637-021	S7-1-1.5	Soil	10/12/2020 11:50	☐	A	A	A	A		A	A		A			
2010637-022	S7-2.5-3	Soil	10/12/2020 11:51	☐		A	A	A		A	A		A			
2010637-023	S7-4.5-5	Soil	10/12/2020 11:52	☐		A	A	A		A	A		A			
2010637-024	S7-9.5-10	Soil	10/12/2020 11:53	☐							A	A				
2010637-025	S7-14.5-15	Soil	10/12/2020 11:54	☐							A	A				
2010637-026	S6-1-1.5	Soil	10/12/2020 12:15	☐	A	A	A	A		A	A		A			
2010637-027	S6-2.5-3	Soil	10/12/2020 12:22	☐		A	A	A		A	A		A			
2010637-028	S6-4.5-5	Soil	10/12/2020 12:27	☐							A	A				
2010637-029	S6-9.5-10	Soil	10/12/2020 12:28	☐		A	A	A	A	A	A		A			
2010637-030	S6-14.5-15	Soil	10/12/2020 12:30	☐							A	A				

Test Legend:

1	8081pcB_ESL_LL_S	2	8260B_Scan-SIM_S	3	8270_SCSM_GPC_S	4	CAM17MS_TTLC_S
5	CARB435_400	6	G-MBTEX_S	7	PRDisposal Fee	8	PRHOLD
9	TPH(DMO)_S	10		11		12	

Project Manager: Angela Rydelius **Prepared by: Nancy Palacios**

The following SampIDs: 001A, 002A, 005A, 006A, 007A, 009A, 011A, 012A, 013A, 016A, 017A, 019A, 021A, 022A, 023A, 026A, 027A, 029A contain testgroup Multi Range_S.

Comments: Samples off HOLD 10/26/2020.

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: LANGAN
Client Contact: Peter Cusack
Contact's Email: pcusack@Langan.com

Project: 770634903; Burlingame Shoreline Park
Comments: Samples off HOLD 10/26/2020.

Work Order: 2010637
QC Level: LEVEL 2
Date Logged: 10/13/2020

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	DryWeight	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2010637-001A	S2-1-1.5	Soil	Multi-Range TPH	1	Stainless Steel tube 2"x6"	☐	10/12/2020 8:15	5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	
			SW8260B (VOCs, Scan- SIM)			☐		5 days		☐	
			SW8081A/8082 (OC Pesticides+PCBs) ESLs			☐		5 days		☐	
2010637-002A	S2-2.5-3	Soil	Multi-Range TPH	1	Stainless Steel tube 2"x6"	☐	10/12/2020 8:18	5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	
			SW8260B (VOCs, Scan- SIM)			☐		5 days		☐	
2010637-005A	S2-14.5-15	Soil	Multi-Range TPH	1	Stainless Steel tube 2"x6"	☐	10/12/2020 8:26	5 days		☐	
			Asbestos, CARB 435, 400 Point			☐		5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	
			SW8260B (VOCs, Scan- SIM)			☐		5 days		☐	
2010637-006A	S3-1-1.5	Soil	Multi-Range TPH	1	Stainless Steel tube 2"x6"	☐	10/12/2020 9:16	5 days		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

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WORK ORDER SUMMARY

Client Name: LANGAN
Client Contact: Peter Cusack
Contact's Email: pcusack@Langan.com

Project: 770634903; Burlingame Shoreline Park
Comments: Samples off HOLD 10/26/2020.

Work Order: 2010637
QC Level: LEVEL 2
Date Logged: 10/13/2020

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	DryWeight	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2010637-006A	S3-1-1.5	Soil	SW6020 (CAM 17)	1	Stainless Steel tube 2"x6"	☐	10/12/2020 9:16	5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	
			SW8260B (VOCs, Scan- SIM)			☐		5 days		☐	
			SW8081A/8082 (OC Pesticides+PCBs) ESLs			☐		5 days		☐	
2010637-007A	S3-2.5-3	Soil	Multi-Range TPH	1	Stainless Steel tube 2"x6"	☐	10/12/2020 9:17	5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	
			SW8260B (VOCs, Scan- SIM)			☐		5 days		☐	
2010637-009A	S3-9.5-10	Soil	Multi-Range TPH	1	Stainless Steel tube 2"x6"	☐	10/12/2020 9:22	5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	
			SW8260B (VOCs, Scan- SIM)			☐		5 days		☐	
2010637-011A	S4-1-1.5	Soil	Multi-Range TPH	1	Stainless Steel tube 2"x6"	☐	10/12/2020 10:04	5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

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WORK ORDER SUMMARY

Client Name: LANGAN
Client Contact: Peter Cusack
Contact's Email: pcusack@Langan.com

Project: 770634903; Burlingame Shoreline Park
Comments: Samples off HOLD 10/26/2020.

Work Order: 2010637
QC Level: LEVEL 2
Date Logged: 10/13/2020

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	DryWeight	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2010637-011A	S4-1-1.5	Soil	SW8260B (VOCs, Scan- SIM)	1	Stainless Steel tube 2"x6"	☐	10/12/2020 10:04	5 days		☐	
			SW8081A/8082 (OC Pesticides+PCBs) ESLs			☐		5 days		☐	
2010637-012A	S4-2.5-3	Soil	Multi-Range TPH	1	Stainless Steel tube 2"x6"	☐	10/12/2020 10:07	5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	
			SW8260B (VOCs, Scan- SIM)			☐		5 days		☐	
2010637-013A	S4-4.5-5	Soil	Multi-Range TPH	1	Stainless Steel tube 2"x6"	☐	10/12/2020 10:05	5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	
			SW8260B (VOCs, Scan- SIM)			☐		5 days		☐	
2010637-016A	S5-1-1.5	Soil	Multi-Range TPH	1	Stainless Steel tube 2"x6"	☐	10/12/2020 10:42	5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	
			SW8260B (VOCs, Scan- SIM)			☐		5 days		☐	
			SW8081A/8082 (OC Pesticides+PCBs) ESLs			☐		5 days		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

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WORK ORDER SUMMARY

Client Name: LANGAN
Client Contact: Peter Cusack
Contact's Email: pcusack@Langan.com

Project: 770634903; Burlingame Shoreline Park
Comments: Samples off HOLD 10/26/2020.

Work Order: 2010637
QC Level: LEVEL 2
Date Logged: 10/13/2020

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ■ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	DryWeight	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2010637-017A	S5-2.5-3	Soil	Multi-Range TPH	1	Stainless Steel tube 2"x6"	☐	10/12/2020 10:43	5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	
			SW8260B (VOCs, Scan- SIM)			☐		5 days		☐	
2010637-019A	S5-9.5-10	Soil	Multi-Range TPH	1	Stainless Steel tube 2"x6"	☐	10/12/2020 10:59	5 days		☐	
			Asbestos, CARB 435, 400 Point			☐		5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	
			SW8260B (VOCs, Scan- SIM)			☐		5 days		☐	
2010637-021A	S7-1-1.5	Soil	Multi-Range TPH	1	Stainless Steel tube 2"x6"	☐	10/12/2020 11:50	5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	
			SW8260B (VOCs, Scan- SIM)			☐		5 days		☐	
			SW8081A/8082 (OC Pesticides+PCBs) ESLs			☐		5 days		☐	
2010637-022A	S7-2.5-3	Soil	Multi-Range TPH	1	Stainless Steel tube 2"x6"	☐	10/12/2020 11:51	5 days		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

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WORK ORDER SUMMARY

Client Name: LANGAN
Client Contact: Peter Cusack
Contact's Email: pcusack@Langan.com

Project: 770634903; Burlingame Shoreline Park
Comments: Samples off HOLD 10/26/2020.

Work Order: 2010637
QC Level: LEVEL 2
Date Logged: 10/13/2020

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	DryWeight	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2010637-022A	S7-2.5-3	Soil	SW6020 (CAM 17)	1	Stainless Steel tube 2"x6"	☐	10/12/2020 11:51	5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	
			SW8260B (VOCs, Scan- SIM)			☐		5 days		☐	
2010637-023A	S7-4.5-5	Soil	Multi-Range TPH	1	Stainless Steel tube 2"x6"	☐	10/12/2020 11:52	5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	
			SW8260B (VOCs, Scan- SIM)			☐		5 days		☐	
2010637-026A	S6-1-1.5	Soil	Multi-Range TPH	1	Stainless Steel tube 2"x6"	☐	10/12/2020 12:15	5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	
			SW8260B (VOCs, Scan- SIM)			☐		5 days		☐	
			SW8081A/8082 (OC Pesticides+PCBs) ESLs			☐		5 days		☐	
2010637-027A	S6-2.5-3	Soil	Multi-Range TPH	1	Stainless Steel tube 2"x6"	☐	10/12/2020 12:22	5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	

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WORK ORDER SUMMARY

Client Name: LANGAN
Client Contact: Peter Cusack
Contact's Email: pcusack@Langan.com

Project: 770634903; Burlingame Shoreline Park
Comments: Samples off HOLD 10/26/2020.

Work Order: 2010637
QC Level: LEVEL 2
Date Logged: 10/13/2020

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	DryWeight	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2010637-027A	S6-2.5-3	Soil	SW8260B (VOCs, Scan- SIM)	1	Stainless Steel tube 2"x6"	☐	10/12/2020 12:22	5 days		☐	
2010637-029A	S6-9.5-10	Soil	Multi-Range TPH	1	Stainless Steel tube 2"x6"	☐	10/12/2020 12:28	5 days		☐	
			Asbestos, CARB 435, 400 Point			☐		5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	
			SW8260B (VOCs, Scan- SIM)			☐		5 days		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

14468

LANGAN

CHAIN OF CUSTODY RECORD

2010637

555 Montgomery Street, Suite 1300, San Francisco, CA 94111
501 14th Street, Third Floor, Oakland, CA 94612
☑ 3320 Data Drive, Suite 350, Rancho Cordova, CA 95670-7982
1 Almaden Boulevard, Suite 590, San Jose, CA 95113

Site Name: BURLINGAME SHOOLLINE PARK
Job Number: 770634903
Project Manager\Contact: PETER CUSNCK
Samplers: JOELLE ARAKAKI
Recorder (Signature Required):

Turnaround Time: STANDARD

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Water	Air	Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice			Analysis Requested: Multi Range	VOCs	SVOCs	PCBs	OCPs	CAM17	Asbestos CHRB						Silica gel clean-up	Hold	Remarks
S2-1-1.5	10/12/20	8:15		X										X	X	X	X	X	X								
S2-2.5-3		8:18		X										X	X	X			X								
S2-4.5-5		8:24		X																							
S2-9.5-10		8:25		X																							
S2-14.5-15		8:26		X										X	X	X			X	X							
S3-1-1.5		9:16		X										X	X	X	X	X	X								
S3-2.5-3		9:17		X										X	X	X			X								
S3-4.5-5		9:19		X																							
S3-9.5-10		9:22		X										X	X	X			X								
S3-14.5-15		9:25		X																							
S4-1-1.5		10:04		X										X	X	X	X	X	X								
S4-2.5-3		10:07		X										X	X	X			X								
S4-4.5-5		10:05		X										X	X	X			X								
S4-9.5-10	↓	10:09		X																							

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10/13/2020	1011	C Moon	10/13/20	1011
	10/13/20	1252	Nancy Palacios	10/13/20	1252
			Received by Lab: (Signature)	Date	Time

Sent to Laboratory (Name):
Laboratory Comments/Notes: Off HOLD 10/26/2020

Method of Shipment: ☐ Lab courier ☐ Fed Ex ☐ Airborne ☐ UPS ☐ Hand Carried ☐ Private Courier (Co. Name)

White Copy - Original Yellow Copy - Laboratory Pink Copy - Field

1.4 WET COC Number:

14001

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CHAIN OF CUSTODY RECORD

2010637

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501 14th Street, Third Floor, Oakland, CA 94612
3320 Data Drive, Suite 350, Rancho Cordova, CA 95670-7982
✓ 1 Almaden Boulevard, Suite 590, San Jose, CA 95113

Site Name: BURLINGAME SHORELINE PARK
Job Number: 778 634983
Project Manager\Contact: PETER CUSACK
Samplers: JOELLE ARAKAKI
Recorder (Signature Required):

Turnaround Time: STANDARD

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Water	Air	Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice			Analysis Requested: MultiRange	VOCs	SVOCs	PCBs	OCPs	CAM17	Asbestos CARB							Silica gel clean-up	Hold	Remarks
S4-14.5-15	10/12/20	10:10		X																							X	
S5-1-1.5		10:42		X										X	X	X	X	X	X								X	
S5-2.5-3		10:43		X										X	X	X			X								X	
S5-4.5-5		10:51		X																							X	
S5-9.5-10		10:59		X										X	X	X			X	X							X	
S5-14.5-15		11:01		X																							X	
S7-1-1.5		11:50		X										X	X	X	X	X	X								X	
S7-2.5-3		11:51		X										X	X	X			X								X	
S7-4.5-5		11:52		X										X	X	X			X								X	
S7-9.5-10		11:53		X																							X	
S7-14.5-15		11:54		X																							X	
S6-1-1.5		12:15		X										X	X	X	X	X	X								X	
S6-2.5-3		12:22		X										X	X	X			X								X	
S6-4.5-5	↓	12:27		X																							X	

Relinquished by: (Signature)	Date:	Time	Received by: (Signature)	Date	Time
Emily Lammers	10/13/2020	1011	L Chan	10/13/20	1011
L Chan	10/13	1258	Nancy Palacios	10/13/20	1352

Received by Lab: (Signature) | Date | Time

Sent to Laboratory (Name):
Laboratory Comments/Notes:

Method of Shipment: ☐ Lab courier ☐ Fed Ex ☐ Airborne ☐ UPS ☐ Hand Carried ☐ Private Courier (Co. Name)

White Copy - Original Yellow Copy - Laboratory Pink Copy - Field COC Number:

14469

LANGAN

CHAIN OF CUSTODY RECORD

2010637

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- ☐ 501 14th Street, Third Floor, Oakland, CA 94612
- ☐ 3320 Data Drive, Suite 350, Rancho Cordova, CA 95670-7982
- ☑ 1 Almaden Boulevard, Suite 590, San Jose, CA 95113

Site Name: BURLINGAME SHORELINE PARK
Job Number: 770619Ø3
Project Manager\Contact: PETER CUSACK
Samplers: JOELLE AMAKAKI
Recorder (Signature Required): [signature]

Turnaround Time: STD

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Water	Air	Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice		Analysis Requested: Multi Range	Vocs	SVOCs	PCBs	OCPs	CAM17	Asbestos CARB						Silica gel clean-up	Hold	Remarks
S6 - 9.5-10	10/12/20	12:28		X									X	X	X			X	X							X	
S6 - 14.5-15		12:30		X									X	X	X			X	X							X	

Relinquished by: (Signature) [signature]	Date: 10/13/2020	Time 1011	Received by: (Signature) [signature]	Date 10/13/20 Time 1011
Relinquished by: (Signature) [signature]	Date: 10/13	Time 1252	Received by: (Signature) [signature]	Date 10/13/20 Time 1252
Relinquished by: (Signature)	Date:	Time	Received by Lab: (Signature)	Date Time

Sent to Laboratory (Name):
Laboratory Comments/Notes:

Method of Shipment ☐ Lab courier ☐ Fed Ex ☐ Airborne ☐ UPS ☐ Hand Carried ☐ Private Courier (Co. Name)

White Copy - Original Yellow Copy - Laboratory Pink Copy - Field COC Number:

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name:	**Langan**	Date and Time Received:	**10/13/2020 12:52**
Project:	**770634903; Burlingame Shoreline Park**	Date Logged:	**10/27/2020**
		Received by:	Nancy Palacios
WorkOrder №:	**2010637** Matrix: Soil	Logged by:	Nancy Palacios
Carrier:	Laurie Moore (MAI Courier)		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☑	No	☐		
COC agrees with Quote?	Yes	☐	No	☐	NA	☑

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA	☑
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 1.4°C				NA	☐
Water - VOA vials have zero headspace / no bubbles?	Yes	☐	No	☐	NA	☑
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 218.7: >8)?	Yes	☐	No	☐	NA	☑
UCMR Samples:						
pH tested and acceptable upon receipt (200.8: ≤2; 525.3: ≤4; 530: ≤7; 541: <3; 544: <6.5 & 7.5)?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L)?	Yes	☐	No	☐	NA	☑

Comments: Method SW8021B/8015Bm (G/MBTEX), Method SW8015B (Diesel & Motor Oil), Method SW8260B (VOCs, Scan- SIM), Method SW8081A/8082 (OC Pesticides+PCBs) ESLs & Method SW8270C (Low Level SVOCs) with GPC Cleanup was setup past their 14-day holding time.

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Analytical Report

WorkOrder: 2010636

Report Created for: Langan

1 Almaden Blvd, Suite 590
San Jose, CA 95113

Project Contact: Peter Cusack
Project P.O.:
Project: 770634903; Burlingame Shoreline Park

Project Received: 10/13/2020

Analytical Report reviewed & approved for release on 11/06/2020 by:

Yen Cao
Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.

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Glossary of Terms & Qualifier Definitions

Client: Langan
Project: 770634903; Burlingame Shoreline Park
WorkOrder: 2010636

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TZA	TimeZone Net Adjustment for sample collected outside of MAI's UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Glossary of Terms & Qualifier Definitions

Client: Langan
Project: 770634903; Burlingame Shoreline Park
WorkOrder: 2010636

Analytical Qualifiers

B	Analyte detected in the associated Method Blank and in the sample.
H	Samples were analyzed out of hold time.
J	Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.
P	Agreement between quantitative confirmation results exceed method recommended limits.
S	Surrogate recovery outside accepted recovery limits.
c1	Surrogate recovery outside of the control limits due to the dilution of the sample.
c2	Surrogate recovery outside of the control limits due to matrix interference.
e2	Diesel range compounds are significant; no recognizable pattern.
e7	Oil range compounds are significant.
k12	Asbestos observed but no points counted.
k15	Chrysotile.

Quality Control Qualifiers

F2	LCS/LCSD recovery and/or RPD/RSD is out of acceptance criteria.
F3	The surrogate standard recovery and/or RPD is outside of acceptance limits.
F10	MS/MSD outside control limits. Physical or chemical interferences exist due to sample matrix.

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Analytical Report

Client:	Langan	**WorkOrder:**	2010636
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	10/28/2020	**Analytical Method:**	SW8081A/8082
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-1-1.5	2010636-001A	Soil	10/09/2020 08:56	GC23 10282066.d	208243

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Aldrin	ND	H	0.00010	1	10/29/2020 04:33
a-BHC	ND	H	0.00010	1	10/29/2020 04:33
b-BHC	ND	H	0.00030	1	10/29/2020 04:33
d-BHC	ND	H	0.00020	1	10/29/2020 04:33
g-BHC	ND	H	0.00010	1	10/29/2020 04:33
Chlordane (Technical)	ND	H	0.0025	1	10/29/2020 04:33
a-Chlordane	**0.0026**	H	0.00010	1	10/29/2020 04:33
g-Chlordane	**0.0029**	H	0.00010	1	10/29/2020 04:33
p,p-DDD	**0.0026**	PH	0.00010	1	10/29/2020 04:33
p,p-DDE	**0.0033**	H	0.00010	1	10/29/2020 04:33
p,p-DDT	**0.016**	H	0.00010	1	10/29/2020 04:33
Dieldrin	**0.00027**	H	0.00010	1	10/29/2020 04:33
Endosulfan I	ND	H	0.00010	1	10/29/2020 04:33
Endosulfan II	ND	H	0.00010	1	10/29/2020 04:33
Endosulfan sulfate	**0.00022**	H	0.00010	1	10/29/2020 04:33
Endrin	ND	H	0.00010	1	10/29/2020 04:33
Endrin aldehyde	**0.00030**	H	0.00010	1	10/29/2020 04:33
Endrin ketone	ND	H	0.00010	1	10/29/2020 04:33
Heptachlor	ND	H	0.00010	1	10/29/2020 04:33
Heptachlor epoxide	ND	H	0.00010	1	10/29/2020 04:33
Hexachlorobenzene	ND	H	0.0010	1	10/29/2020 04:33
Hexachlorocyclopentadiene	ND	H	0.0020	1	10/29/2020 04:33
Methoxychlor	**0.00036**	PH	0.00020	1	10/29/2020 04:33
Toxaphene	ND	H	0.0050	1	10/29/2020 04:33
Aroclor1016	ND	H	0.0050	1	10/29/2020 04:33
Aroclor1221	ND	H	0.0050	1	10/29/2020 04:33
Aroclor1232	ND	H	0.0050	1	10/29/2020 04:33
Aroclor1242	ND	H	0.0050	1	10/29/2020 04:33
Aroclor1248	ND	H	0.0050	1	10/29/2020 04:33
Aroclor1254	ND	H	0.0050	1	10/29/2020 04:33
Aroclor1260	ND	H	0.0050	1	10/29/2020 04:33
PCBs, total	ND	H	0.0050	1	10/29/2020 04:33

Surrogates	REC (%)	Qualifiers	Limits	
Decachlorobiphenyl	102	H	20-145	10/29/2020 04:33

Analyst(s): BRV

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Analytical Report

Client:	Langan	**WorkOrder:**	2010636
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-1-1.5	2010636-001A	Soil	10/09/2020 08:56	GC38 11022065.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND	H	0.20	1	11/04/2020 04:17
tert-Amyl methyl ether (TAME)	ND	H	0.0050	1	11/04/2020 04:17
Benzene	ND	H	0.0050	1	11/04/2020 04:17
Bromobenzene	ND	H	0.0050	1	11/04/2020 04:17
Bromochloromethane	ND	H	0.0050	1	11/04/2020 04:17
Bromodichloromethane	ND	H	0.0050	1	11/04/2020 04:17
Bromoform	ND	H	0.0050	1	11/04/2020 04:17
Bromomethane	ND	H	0.0050	1	11/04/2020 04:17
2-Butanone (MEK)	ND	H	0.050	1	11/04/2020 04:17
t-Butyl alcohol (TBA)	ND	H	0.050	1	11/04/2020 04:17
n-Butyl benzene	ND	H	0.0050	1	11/04/2020 04:17
sec-Butyl benzene	ND	H	0.0050	1	11/04/2020 04:17
tert-Butyl benzene	ND	H	0.0050	1	11/04/2020 04:17
Carbon Disulfide	ND	H	0.0050	1	11/04/2020 04:17
Carbon Tetrachloride	ND	H	0.0050	1	11/04/2020 04:17
Chlorobenzene	ND	H	0.0050	1	11/04/2020 04:17
Chloroethane	ND	H	0.0050	1	11/04/2020 04:17
Chloroform	ND	H	0.0050	1	11/04/2020 04:17
Chloromethane	ND	H	0.0050	1	11/04/2020 04:17
2-Chlorotoluene	ND	H	0.0050	1	11/04/2020 04:17
4-Chlorotoluene	ND	H	0.0050	1	11/04/2020 04:17
Dibromochloromethane	ND	H	0.0050	1	11/04/2020 04:17
1,2-Dibromo-3-chloropropane	ND	H	0.00050	1	11/04/2020 04:17
1,2-Dibromoethane (EDB)	ND	H	0.00025	1	11/04/2020 04:17
Dibromomethane	ND	H	0.0050	1	11/04/2020 04:17
1,2-Dichlorobenzene	ND	H	0.0050	1	11/04/2020 04:17
1,3-Dichlorobenzene	ND	H	0.0050	1	11/04/2020 04:17
1,4-Dichlorobenzene	ND	H	0.0050	1	11/04/2020 04:17
Dichlorodifluoromethane	ND	H	0.0050	1	11/04/2020 04:17
1,1-Dichloroethane	ND	H	0.0050	1	11/04/2020 04:17
1,2-Dichloroethane (1,2-DCA)	ND	H	0.00010	1	11/04/2020 04:17
1,1-Dichloroethene	ND	H	0.0050	1	11/04/2020 04:17
cis-1,2-Dichloroethene	ND	H	0.0050	1	11/04/2020 04:17
trans-1,2-Dichloroethene	ND	H	0.0050	1	11/04/2020 04:17
1,2-Dichloropropane	ND	H	0.0050	1	11/04/2020 04:17
1,3-Dichloropropane	ND	H	0.0050	1	11/04/2020 04:17
2,2-Dichloropropane	ND	H	0.0050	1	11/04/2020 04:17

(Cont.)

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Analytical Report

Client:	Langan	**WorkOrder:**	2010636
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-1-1.5	2010636-001A	Soil	10/09/2020 08:56	GC38 11022065.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	H	0.0050	1	11/04/2020 04:17
cis-1,3-Dichloropropene	ND	H	0.0050	1	11/04/2020 04:17
trans-1,3-Dichloropropene	ND	H	0.0050	1	11/04/2020 04:17
Diisopropyl ether (DIPE)	ND	H	0.0050	1	11/04/2020 04:17
Ethylbenzene	ND	H	0.0050	1	11/04/2020 04:17
Ethyl tert-butyl ether (ETBE)	ND	H	0.0050	1	11/04/2020 04:17
Freon 113	ND	H	0.0050	1	11/04/2020 04:17
Hexachlorobutadiene	ND	H	0.0050	1	11/04/2020 04:17
Hexachloroethane	ND	H	0.0050	1	11/04/2020 04:17
2-Hexanone	ND	H	0.0050	1	11/04/2020 04:17
Isopropylbenzene	ND	H	0.0050	1	11/04/2020 04:17
4-Isopropyl toluene	ND	H	0.0050	1	11/04/2020 04:17
Methyl-t-butyl ether (MTBE)	ND	H	0.0050	1	11/04/2020 04:17
Methylene chloride	ND	H	0.020	1	11/04/2020 04:17
4-Methyl-2-pentanone (MIBK)	ND	H	0.0050	1	11/04/2020 04:17
Naphthalene	ND	H	0.0050	1	11/04/2020 04:17
n-Propyl benzene	ND	H	0.0050	1	11/04/2020 04:17
Styrene	ND	H	0.0050	1	11/04/2020 04:17
1,1,1,2-Tetrachloroethane	ND	H	0.0050	1	11/04/2020 04:17
1,1,2,2-Tetrachloroethane	ND	H	0.0050	1	11/04/2020 04:17
Tetrachloroethene	ND	H	0.0050	1	11/04/2020 04:17
Toluene	ND	H	0.0050	1	11/04/2020 04:17
1,2,3-Trichlorobenzene	ND	H	0.0050	1	11/04/2020 04:17
1,2,4-Trichlorobenzene	ND	H	0.0050	1	11/04/2020 04:17
1,1,1-Trichloroethane	ND	H	0.0050	1	11/04/2020 04:17
1,1,2-Trichloroethane	ND	H	0.0050	1	11/04/2020 04:17
Trichloroethene	ND	H	0.0050	1	11/04/2020 04:17
Trichlorofluoromethane	ND	H	0.0050	1	11/04/2020 04:17
1,2,3-Trichloropropane	ND	H	0.00025	1	11/04/2020 04:17
1,2,4-Trimethylbenzene	ND	H	0.0050	1	11/04/2020 04:17
1,3,5-Trimethylbenzene	ND	H	0.0050	1	11/04/2020 04:17
Vinyl Chloride	ND	H	0.00025	1	11/04/2020 04:17
m,p-Xylene	ND	H	0.0050	1	11/04/2020 04:17
o-Xylene	ND	H	0.0050	1	11/04/2020 04:17
Xylenes, Total	ND	H	0.0050	1	11/04/2020 04:17

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Analytical Report

Client:	Langan	**WorkOrder:**	2010636
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-1-1.5	**2010636-001A**	**Soil**	**10/09/2020 08:56**	**GC38 11022065.D**	**208139**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
Dibromofluoromethane	117	H	82-136		11/04/2020 04:17
Toluene-d8	125	H	92-139		11/04/2020 04:17
4-BFB	122	H	82-135		11/04/2020 04:17
Benzene-d6	102	H	55-122		11/04/2020 04:17
Ethylbenzene-d10	111	H	58-141		11/04/2020 04:17
1,2-DCB-d4	84	H	51-107		11/04/2020 04:17

Analyst(s): TW

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Analytical Report

Client:	Langan	**WorkOrder:**	2010636
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-4.5-5	2010636-003A	Soil	10/09/2020 09:07	GC38 11022066.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND	H	0.20	1	11/04/2020 04:54
tert-Amyl methyl ether (TAME)	ND	H	0.0050	1	11/04/2020 04:54
Benzene	ND	H	0.0050	1	11/04/2020 04:54
Bromobenzene	ND	H	0.0050	1	11/04/2020 04:54
Bromochloromethane	ND	H	0.0050	1	11/04/2020 04:54
Bromodichloromethane	ND	H	0.0050	1	11/04/2020 04:54
Bromoform	ND	H	0.0050	1	11/04/2020 04:54
Bromomethane	ND	H	0.0050	1	11/04/2020 04:54
2-Butanone (MEK)	ND	H	0.050	1	11/04/2020 04:54
t-Butyl alcohol (TBA)	ND	H	0.050	1	11/04/2020 04:54
n-Butyl benzene	ND	H	0.0050	1	11/04/2020 04:54
sec-Butyl benzene	ND	H	0.0050	1	11/04/2020 04:54
tert-Butyl benzene	ND	H	0.0050	1	11/04/2020 04:54
Carbon Disulfide	ND	H	0.0050	1	11/04/2020 04:54
Carbon Tetrachloride	ND	H	0.0050	1	11/04/2020 04:54
Chlorobenzene	ND	H	0.0050	1	11/04/2020 04:54
Chloroethane	ND	H	0.0050	1	11/04/2020 04:54
Chloroform	ND	H	0.0050	1	11/04/2020 04:54
Chloromethane	ND	H	0.0050	1	11/04/2020 04:54
2-Chlorotoluene	ND	H	0.0050	1	11/04/2020 04:54
4-Chlorotoluene	ND	H	0.0050	1	11/04/2020 04:54
Dibromochloromethane	ND	H	0.0050	1	11/04/2020 04:54
1,2-Dibromo-3-chloropropane	ND	H	0.00050	1	11/04/2020 04:54
1,2-Dibromoethane (EDB)	ND	H	0.00025	1	11/04/2020 04:54
Dibromomethane	ND	H	0.0050	1	11/04/2020 04:54
1,2-Dichlorobenzene	ND	H	0.0050	1	11/04/2020 04:54
1,3-Dichlorobenzene	ND	H	0.0050	1	11/04/2020 04:54
1,4-Dichlorobenzene	ND	H	0.0050	1	11/04/2020 04:54
Dichlorodifluoromethane	ND	H	0.0050	1	11/04/2020 04:54
1,1-Dichloroethane	ND	H	0.0050	1	11/04/2020 04:54
1,2-Dichloroethane (1,2-DCA)	ND	H	0.00010	1	11/04/2020 04:54
1,1-Dichloroethene	ND	H	0.0050	1	11/04/2020 04:54
cis-1,2-Dichloroethene	ND	H	0.0050	1	11/04/2020 04:54
trans-1,2-Dichloroethene	ND	H	0.0050	1	11/04/2020 04:54
1,2-Dichloropropane	ND	H	0.0050	1	11/04/2020 04:54
1,3-Dichloropropane	ND	H	0.0050	1	11/04/2020 04:54
2,2-Dichloropropane	ND	H	0.0050	1	11/04/2020 04:54

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Analytical Report

Client:	Langan	**WorkOrder:**	2010636
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-4.5-5	2010636-003A	Soil	10/09/2020 09:07	GC38 11022066.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	H	0.0050	1	11/04/2020 04:54
cis-1,3-Dichloropropene	ND	H	0.0050	1	11/04/2020 04:54
trans-1,3-Dichloropropene	ND	H	0.0050	1	11/04/2020 04:54
Diisopropyl ether (DIPE)	ND	H	0.0050	1	11/04/2020 04:54
Ethylbenzene	ND	H	0.0050	1	11/04/2020 04:54
Ethyl tert-butyl ether (ETBE)	ND	H	0.0050	1	11/04/2020 04:54
Freon 113	ND	H	0.0050	1	11/04/2020 04:54
Hexachlorobutadiene	ND	H	0.0050	1	11/04/2020 04:54
Hexachloroethane	ND	H	0.0050	1	11/04/2020 04:54
2-Hexanone	ND	H	0.0050	1	11/04/2020 04:54
Isopropylbenzene	ND	H	0.0050	1	11/04/2020 04:54
4-Isopropyl toluene	ND	H	0.0050	1	11/04/2020 04:54
Methyl-t-butyl ether (MTBE)	ND	H	0.0050	1	11/04/2020 04:54
Methylene chloride	ND	H	0.020	1	11/04/2020 04:54
4-Methyl-2-pentanone (MIBK)	ND	H	0.0050	1	11/04/2020 04:54
Naphthalene	ND	H	0.0050	1	11/04/2020 04:54
n-Propyl benzene	ND	H	0.0050	1	11/04/2020 04:54
Styrene	ND	H	0.0050	1	11/04/2020 04:54
1,1,1,2-Tetrachloroethane	ND	H	0.0050	1	11/04/2020 04:54
1,1,2,2-Tetrachloroethane	ND	H	0.0050	1	11/04/2020 04:54
Tetrachloroethene	ND	H	0.0050	1	11/04/2020 04:54
Toluene	ND	H	0.0050	1	11/04/2020 04:54
1,2,3-Trichlorobenzene	ND	H	0.0050	1	11/04/2020 04:54
1,2,4-Trichlorobenzene	ND	H	0.0050	1	11/04/2020 04:54
1,1,1-Trichloroethane	ND	H	0.0050	1	11/04/2020 04:54
1,1,2-Trichloroethane	ND	H	0.0050	1	11/04/2020 04:54
Trichloroethene	ND	H	0.0050	1	11/04/2020 04:54
Trichlorofluoromethane	ND	H	0.0050	1	11/04/2020 04:54
1,2,3-Trichloropropane	ND	H	0.00025	1	11/04/2020 04:54
1,2,4-Trimethylbenzene	ND	H	0.0050	1	11/04/2020 04:54
1,3,5-Trimethylbenzene	ND	H	0.0050	1	11/04/2020 04:54
Vinyl Chloride	ND	H	0.00025	1	11/04/2020 04:54
m,p-Xylene	ND	H	0.0050	1	11/04/2020 04:54
o-Xylene	ND	H	0.0050	1	11/04/2020 04:54
Xylenes, Total	ND	H	0.0050	1	11/04/2020 04:54

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Analytical Report

Client:	Langan	**WorkOrder:**	2010636
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-4.5-5	**2010636-003A**	**Soil**	**10/09/2020 09:07**	**GC38 11022066.D**	**208139**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
Dibromofluoromethane	119	H	82-136		11/04/2020 04:54
Toluene-d8	125	H	92-139		11/04/2020 04:54
4-BFB	122	H	82-135		11/04/2020 04:54
Benzene-d6	99	H	55-122		11/04/2020 04:54
Ethylbenzene-d10	108	H	58-141		11/04/2020 04:54
1,2-DCB-d4	84	H	51-107		11/04/2020 04:54

Analyst(s): TW

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Analytical Report

Client:	Langan	**WorkOrder:**	2010636
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-14.5-15	2010636-005A	Soil	10/09/2020 09:04	GC38 11062012.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND	H	0.20	1	11/06/2020 14:19
tert-Amyl methyl ether (TAME)	ND	H	0.0050	1	11/06/2020 14:19
Benzene	ND	H	0.0050	1	11/06/2020 14:19
Bromobenzene	ND	H	0.0050	1	11/06/2020 14:19
Bromochloromethane	ND	H	0.0050	1	11/06/2020 14:19
Bromodichloromethane	ND	H	0.0050	1	11/06/2020 14:19
Bromoform	ND	H	0.0050	1	11/06/2020 14:19
Bromomethane	ND	H	0.0050	1	11/06/2020 14:19
2-Butanone (MEK)	ND	H	0.050	1	11/06/2020 14:19
t-Butyl alcohol (TBA)	ND	H	0.050	1	11/06/2020 14:19
n-Butyl benzene	ND	H	0.0050	1	11/06/2020 14:19
sec-Butyl benzene	ND	H	0.0050	1	11/06/2020 14:19
tert-Butyl benzene	ND	H	0.0050	1	11/06/2020 14:19
Carbon Disulfide	ND	H	0.0050	1	11/06/2020 14:19
Carbon Tetrachloride	ND	H	0.0050	1	11/06/2020 14:19
Chlorobenzene	ND	H	0.0050	1	11/06/2020 14:19
Chloroethane	ND	H	0.0050	1	11/06/2020 14:19
Chloroform	ND	H	0.0050	1	11/06/2020 14:19
Chloromethane	ND	H	0.0050	1	11/06/2020 14:19
2-Chlorotoluene	ND	H	0.0050	1	11/06/2020 14:19
4-Chlorotoluene	ND	H	0.0050	1	11/06/2020 14:19
Dibromochloromethane	ND	H	0.0050	1	11/06/2020 14:19
1,2-Dibromo-3-chloropropane	ND	H	0.00050	1	11/06/2020 14:19
1,2-Dibromoethane (EDB)	ND	H	0.00025	1	11/06/2020 14:19
Dibromomethane	ND	H	0.0050	1	11/06/2020 14:19
1,2-Dichlorobenzene	ND	H	0.0050	1	11/06/2020 14:19
1,3-Dichlorobenzene	ND	H	0.0050	1	11/06/2020 14:19
1,4-Dichlorobenzene	ND	H	0.0050	1	11/06/2020 14:19
Dichlorodifluoromethane	ND	H	0.0050	1	11/06/2020 14:19
1,1-Dichloroethane	ND	H	0.0050	1	11/06/2020 14:19
1,2-Dichloroethane (1,2-DCA)	ND	H	0.00010	1	11/06/2020 14:19
1,1-Dichloroethene	ND	H	0.0050	1	11/06/2020 14:19
cis-1,2-Dichloroethene	ND	H	0.0050	1	11/06/2020 14:19
trans-1,2-Dichloroethene	ND	H	0.0050	1	11/06/2020 14:19
1,2-Dichloropropane	ND	H	0.0050	1	11/06/2020 14:19
1,3-Dichloropropane	ND	H	0.0050	1	11/06/2020 14:19
2,2-Dichloropropane	ND	H	0.0050	1	11/06/2020 14:19

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Analytical Report

Client:	Langan	**WorkOrder:**	2010636
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-14.5-15	2010636-005A	Soil	10/09/2020 09:04	GC38 11062012.D	208139

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	H	0.0050	1	11/06/2020 14:19
cis-1,3-Dichloropropene	ND	H	0.0050	1	11/06/2020 14:19
trans-1,3-Dichloropropene	ND	H	0.0050	1	11/06/2020 14:19
Diisopropyl ether (DIPE)	ND	H	0.0050	1	11/06/2020 14:19
Ethylbenzene	ND	H	0.0050	1	11/06/2020 14:19
Ethyl tert-butyl ether (ETBE)	ND	H	0.0050	1	11/06/2020 14:19
Freon 113	ND	H	0.0050	1	11/06/2020 14:19
Hexachlorobutadiene	ND	H	0.0050	1	11/06/2020 14:19
Hexachloroethane	ND	H	0.0050	1	11/06/2020 14:19
2-Hexanone	ND	H	0.0050	1	11/06/2020 14:19
Isopropylbenzene	ND	H	0.0050	1	11/06/2020 14:19
4-Isopropyl toluene	ND	H	0.0050	1	11/06/2020 14:19
Methyl-t-butyl ether (MTBE)	ND	H	0.0050	1	11/06/2020 14:19
Methylene chloride	ND	H	0.020	1	11/06/2020 14:19
4-Methyl-2-pentanone (MIBK)	ND	H	0.0050	1	11/06/2020 14:19
Naphthalene	ND	H	0.0050	1	11/06/2020 14:19
n-Propyl benzene	ND	H	0.0050	1	11/06/2020 14:19
Styrene	ND	H	0.0050	1	11/06/2020 14:19
1,1,1,2-Tetrachloroethane	ND	H	0.0050	1	11/06/2020 14:19
1,1,2,2-Tetrachloroethane	ND	H	0.0050	1	11/06/2020 14:19
Tetrachloroethene	ND	H	0.0050	1	11/06/2020 14:19
Toluene	ND	H	0.0050	1	11/06/2020 14:19
1,2,3-Trichlorobenzene	ND	H	0.0050	1	11/06/2020 14:19
1,2,4-Trichlorobenzene	ND	H	0.0050	1	11/06/2020 14:19
1,1,1-Trichloroethane	ND	H	0.0050	1	11/06/2020 14:19
1,1,2-Trichloroethane	ND	H	0.0050	1	11/06/2020 14:19
Trichloroethene	ND	H	0.0050	1	11/06/2020 14:19
Trichlorofluoromethane	ND	H	0.0050	1	11/06/2020 14:19
1,2,3-Trichloropropane	ND	H	0.00025	1	11/06/2020 14:19
1,2,4-Trimethylbenzene	ND	H	0.0050	1	11/06/2020 14:19
1,3,5-Trimethylbenzene	ND	H	0.0050	1	11/06/2020 14:19
Vinyl Chloride	ND	H	0.00025	1	11/06/2020 14:19
m,p-Xylene	ND	H	0.0050	1	11/06/2020 14:19
o-Xylene	ND	H	0.0050	1	11/06/2020 14:19
Xylenes, Total	ND	H	0.0050	1	11/06/2020 14:19

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Analytical Report

Client:	Langan	**WorkOrder:**	2010636
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5030B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-14.5-15	**2010636-005A**	**Soil**	**10/09/2020 09:04**	**GC38 11062012.D**	**208139**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
Dibromofluoromethane	106	H	82-136		11/06/2020 14:19
Toluene-d8	124	H	92-139		11/06/2020 14:19
4-BFB	113	H	82-135		11/06/2020 14:19
Benzene-d6	82	H	55-122		11/06/2020 14:19
Ethylbenzene-d10	95	H	58-141		11/06/2020 14:19
1,2-DCB-d4	75	H	51-107		11/06/2020 14:19

Analyst(s): TW

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Analytical Report

Client:	Langan	**WorkOrder:**	2010636
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-1-1.5	2010636-001A	Soil	10/09/2020 08:56	GC21 10292027.D	208194

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1-Methylnaphthalene	ND	H	0.0065	5	10/29/2020 17:55
Acenaphthene	ND	H	0.0065	5	10/29/2020 17:55
Acenaphthylene	ND	H	0.0065	5	10/29/2020 17:55
Acetochlor	ND	H	1.2	5	10/29/2020 17:55
Anthracene	ND	H	0.0065	5	10/29/2020 17:55
Benzidine	ND	H	6.2	5	10/29/2020 17:55
Benzo (a) anthracene	ND	H	0.065	5	10/29/2020 17:55
Benzo (a) pyrene	**0.025**	H	0.012	5	10/29/2020 17:55
Benzo (b) fluoranthene	ND	H	0.032	5	10/29/2020 17:55
Benzo (g,h,i) perylene	**0.032**	H	0.012	5	10/29/2020 17:55
Benzo (k) fluoranthene	**0.013**	H	0.0065	5	10/29/2020 17:55
Benzyl Alcohol	ND	H	6.2	5	10/29/2020 17:55
1,1-Biphenyl	ND	H	0.065	5	10/29/2020 17:55
Bis (2-chloroethoxy) Methane	ND	H	1.2	5	10/29/2020 17:55
Bis (2-chloroethyl) Ether	ND	H	0.0065	5	10/29/2020 17:55
Bis (2-chloroisopropyl) Ether	ND	H	0.0065	5	10/29/2020 17:55
Bis (2-ethylhexyl) Adipate	ND	H	1.2	5	10/29/2020 17:55
Bis (2-ethylhexyl) Phthalate	ND	H	0.12	5	10/29/2020 17:55
4-Bromophenyl Phenyl Ether	ND	H	1.2	5	10/29/2020 17:55
Butylbenzyl Phthalate	ND	H	0.12	5	10/29/2020 17:55
4-Chloroaniline	ND	H	0.012	5	10/29/2020 17:55
4-Chloro-3-methylphenol	ND	H	1.2	5	10/29/2020 17:55
2-Chloronaphthalene	ND	H	1.2	5	10/29/2020 17:55
2-Chlorophenol	ND	H	0.065	5	10/29/2020 17:55
4-Chlorophenyl Phenyl Ether	ND	H	1.2	5	10/29/2020 17:55
Chrysene	**0.014**	H	0.012	5	10/29/2020 17:55
Dibenzo (a,h) anthracene	ND	H	0.012	5	10/29/2020 17:55
Dibenzofuran	ND	H	1.2	5	10/29/2020 17:55
Di-n-butyl Phthalate	ND	H	0.065	5	10/29/2020 17:55
1,2-Dichlorobenzene	ND	H	1.2	5	10/29/2020 17:55
1,3-Dichlorobenzene	ND	H	1.2	5	10/29/2020 17:55
1,4-Dichlorobenzene	ND	H	1.2	5	10/29/2020 17:55
3,3-Dichlorobenzidine	ND	H	0.012	5	10/29/2020 17:55
2,4-Dichlorophenol	ND	H	0.0065	5	10/29/2020 17:55
Diethyl Phthalate	ND	H	0.065	5	10/29/2020 17:55
2,4-Dimethylphenol	ND	H	1.2	5	10/29/2020 17:55
Dimethyl Phthalate	ND	H	0.012	5	10/29/2020 17:55

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Analytical Report

Client:	Langan	**WorkOrder:**	2010636
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-1-1.5	2010636-001A	Soil	10/09/2020 08:56	GC21 10292027.D	208194

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
4,6-Dinitro-2-methylphenol	ND	H	6.2	5	10/29/2020 17:55
2,4-Dinitrophenol	ND	H	1.2	5	10/29/2020 17:55
2,4-Dinitrotoluene	ND	H	0.065	5	10/29/2020 17:55
2,6-Dinitrotoluene	ND	H	0.065	5	10/29/2020 17:55
Di-n-octyl Phthalate	ND	H	0.065	5	10/29/2020 17:55
1,2-Diphenylhydrazine	ND	H	1.2	5	10/29/2020 17:55
Fluoranthene	**0.022**	H	0.0065	5	10/29/2020 17:55
Fluorene	ND	H	0.012	5	10/29/2020 17:55
Hexachlorobenzene	ND	H	0.0065	5	10/29/2020 17:55
Hexachlorobutadiene	ND	H	0.012	5	10/29/2020 17:55
Hexachlorocyclopentadiene	ND	H	10	5	10/29/2020 17:55
Hexachloroethane	ND	H	0.065	5	10/29/2020 17:55
Indeno (1,2,3-cd) pyrene	ND	H	0.065	5	10/29/2020 17:55
Isophorone	ND	H	1.2	5	10/29/2020 17:55
2-Methylnaphthalene	ND	H	0.012	5	10/29/2020 17:55
2-Methylphenol (o-Cresol)	ND	H	1.2	5	10/29/2020 17:55
3 & 4-Methylphenol (m,p-Cresol)	ND	H	1.2	5	10/29/2020 17:55
Naphthalene	ND	H	0.0065	5	10/29/2020 17:55
2-Nitroaniline	ND	H	6.2	5	10/29/2020 17:55
3-Nitroaniline	ND	H	6.2	5	10/29/2020 17:55
4-Nitroaniline	ND	H	6.2	5	10/29/2020 17:55
Nitrobenzene	ND	H	1.2	5	10/29/2020 17:55
2-Nitrophenol	ND	H	6.2	5	10/29/2020 17:55
4-Nitrophenol	ND	H	6.2	5	10/29/2020 17:55
N-Nitrosodimethylamine	ND	H	6.2	5	10/29/2020 17:55
N-Nitrosodiphenylamine	ND	H	1.2	5	10/29/2020 17:55
N-Nitrosodi-n-propylamine	ND	H	1.2	5	10/29/2020 17:55
Pentachlorophenol	ND	H	0.31	5	10/29/2020 17:55
Phenanthrene	ND	H	0.025	5	10/29/2020 17:55
Phenol	ND	H	0.25	5	10/29/2020 17:55
Pyrene	**0.020**	H	0.012	5	10/29/2020 17:55
Pyridine	ND	H	1.2	5	10/29/2020 17:55
1,2,4-Trichlorobenzene	ND	H	1.2	5	10/29/2020 17:55
2,4,5-Trichlorophenol	ND	H	0.012	5	10/29/2020 17:55
2,4,6-Trichlorophenol	ND	H	0.065	5	10/29/2020 17:55

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Analytical Report

Client:	Langan	**WorkOrder:**	2010636
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-1-1.5	**2010636-001A**	**Soil**	**10/09/2020 08:56**	**GC21 10292027.D**	**208194**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
2-Fluorophenol	64	H	60-130		10/29/2020 17:55
Phenol-d5	63	H	60-130		10/29/2020 17:55
Nitrobenzene-d5	69	H	60-130		10/29/2020 17:55
2-Fluorobiphenyl	56	SH	60-130		10/29/2020 17:55
2,4,6-Tribromophenol	44	SH	50-130		10/29/2020 17:55
4-Terphenyl-d14	70	H	50-130		10/29/2020 17:55

Analyst(s): AK Analytical Comments: c2

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Analytical Report

Client:	Langan	**WorkOrder:**	2010636
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-4.5-5	2010636-003A	Soil	10/09/2020 09:07	GC21 10292028.D	208194

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1-Methylnaphthalene	ND	H	0.0026	2	10/29/2020 18:22
Acenaphthene	ND	H	0.0026	2	10/29/2020 18:22
Acenaphthylene	ND	H	0.0026	2	10/29/2020 18:22
Acetochlor	ND	H	0.50	2	10/29/2020 18:22
Anthracene	**0.0054**	H	0.0026	2	10/29/2020 18:22
Benzidine	ND	H	2.5	2	10/29/2020 18:22
Benzo (a) anthracene	ND	H	0.026	2	10/29/2020 18:22
Benzo (a) pyrene	**0.023**	H	0.0050	2	10/29/2020 18:22
Benzo (b) fluoranthene	**0.025**	H	0.013	2	10/29/2020 18:22
Benzo (g,h,i) perylene	**0.016**	H	0.0050	2	10/29/2020 18:22
Benzo (k) fluoranthene	**0.0080**	H	0.0026	2	10/29/2020 18:22
Benzyl Alcohol	ND	H	2.5	2	10/29/2020 18:22
1,1-Biphenyl	ND	H	0.026	2	10/29/2020 18:22
Bis (2-chloroethoxy) Methane	ND	H	0.50	2	10/29/2020 18:22
Bis (2-chloroethyl) Ether	ND	H	0.0026	2	10/29/2020 18:22
Bis (2-chloroisopropyl) Ether	ND	H	0.0026	2	10/29/2020 18:22
Bis (2-ethylhexyl) Adipate	ND	H	0.50	2	10/29/2020 18:22
Bis (2-ethylhexyl) Phthalate	ND	H	0.050	2	10/29/2020 18:22
4-Bromophenyl Phenyl Ether	ND	H	0.50	2	10/29/2020 18:22
Butylbenzyl Phthalate	ND	H	0.050	2	10/29/2020 18:22
4-Chloroaniline	ND	H	0.0050	2	10/29/2020 18:22
4-Chloro-3-methylphenol	ND	H	0.50	2	10/29/2020 18:22
2-Chloronaphthalene	ND	H	0.50	2	10/29/2020 18:22
2-Chlorophenol	ND	H	0.026	2	10/29/2020 18:22
4-Chlorophenyl Phenyl Ether	ND	H	0.50	2	10/29/2020 18:22
Chrysene	**0.017**	H	0.0050	2	10/29/2020 18:22
Dibenzo (a,h) anthracene	**0.0055**	H	0.0050	2	10/29/2020 18:22
Dibenzofuran	ND	H	0.50	2	10/29/2020 18:22
Di-n-butyl Phthalate	ND	H	0.026	2	10/29/2020 18:22
1,2-Dichlorobenzene	ND	H	0.50	2	10/29/2020 18:22
1,3-Dichlorobenzene	ND	H	0.50	2	10/29/2020 18:22
1,4-Dichlorobenzene	ND	H	0.50	2	10/29/2020 18:22
3,3-Dichlorobenzidine	ND	H	0.0050	2	10/29/2020 18:22
2,4-Dichlorophenol	ND	H	0.0026	2	10/29/2020 18:22
Diethyl Phthalate	ND	H	0.026	2	10/29/2020 18:22
2,4-Dimethylphenol	ND	H	0.50	2	10/29/2020 18:22
Dimethyl Phthalate	ND	H	0.0050	2	10/29/2020 18:22

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Analytical Report

Client: Langan
Date Received: 10/13/2020 12:52
Date Prepared: 10/27/2020
Project: 770634903; Burlingame Shoreline Park

WorkOrder: 2010636
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-4.5-5	2010636-003A	Soil	10/09/2020 09:07	GC21 10292028.D	208194

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
4,6-Dinitro-2-methylphenol	ND	H	2.5	2	10/29/2020 18:22
2,4-Dinitrophenol	ND	H	0.50	2	10/29/2020 18:22
2,4-Dinitrotoluene	ND	H	0.026	2	10/29/2020 18:22
2,6-Dinitrotoluene	ND	H	0.026	2	10/29/2020 18:22
Di-n-octyl Phthalate	ND	H	0.026	2	10/29/2020 18:22
1,2-Diphenylhydrazine	ND	H	0.50	2	10/29/2020 18:22
Fluoranthene	**0.043**	H	0.0026	2	10/29/2020 18:22
Fluorene	ND	H	0.0050	2	10/29/2020 18:22
Hexachlorobenzene	ND	H	0.0026	2	10/29/2020 18:22
Hexachlorobutadiene	ND	H	0.0050	2	10/29/2020 18:22
Hexachlorocyclopentadiene	ND	H	4.0	2	10/29/2020 18:22
Hexachloroethane	ND	H	0.026	2	10/29/2020 18:22
Indeno (1,2,3-cd) pyrene	ND	H	0.026	2	10/29/2020 18:22
Isophorone	ND	H	0.50	2	10/29/2020 18:22
2-Methylnaphthalene	ND	H	0.0050	2	10/29/2020 18:22
2-Methylphenol (o-Cresol)	ND	H	0.50	2	10/29/2020 18:22
3 & 4-Methylphenol (m,p-Cresol)	ND	H	0.50	2	10/29/2020 18:22
Naphthalene	ND	H	0.0026	2	10/29/2020 18:22
2-Nitroaniline	ND	H	2.5	2	10/29/2020 18:22
3-Nitroaniline	ND	H	2.5	2	10/29/2020 18:22
4-Nitroaniline	ND	H	2.5	2	10/29/2020 18:22
Nitrobenzene	ND	H	0.50	2	10/29/2020 18:22
2-Nitrophenol	ND	H	2.5	2	10/29/2020 18:22
4-Nitrophenol	ND	H	2.5	2	10/29/2020 18:22
N-Nitrosodimethylamine	ND	H	2.5	2	10/29/2020 18:22
N-Nitrosodiphenylamine	ND	H	0.50	2	10/29/2020 18:22
N-Nitrosodi-n-propylamine	ND	H	0.50	2	10/29/2020 18:22
Pentachlorophenol	ND	H	0.12	2	10/29/2020 18:22
Phenanthrene	**0.026**	H	0.010	2	10/29/2020 18:22
Phenol	ND	H	0.10	2	10/29/2020 18:22
Pyrene	**0.031**	H	0.0050	2	10/29/2020 18:22
Pyridine	ND	H	0.50	2	10/29/2020 18:22
1,2,4-Trichlorobenzene	ND	H	0.50	2	10/29/2020 18:22
2,4,5-Trichlorophenol	ND	H	0.0050	2	10/29/2020 18:22
2,4,6-Trichlorophenol	ND	H	0.026	2	10/29/2020 18:22

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Analytical Report

Client:	Langan	**WorkOrder:**	2010636
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-4.5-5	**2010636-003A**	**Soil**	**10/09/2020 09:07**	**GC21 10292028.D**	**208194**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
2-Fluorophenol	55	SH	60-130		10/29/2020 18:22
Phenol-d5	56	SH	60-130		10/29/2020 18:22
Nitrobenzene-d5	58	SH	60-130		10/29/2020 18:22
2-Fluorobiphenyl	47	SH	60-130		10/29/2020 18:22
2,4,6-Tribromophenol	45	SH	50-130		10/29/2020 18:22
4-Terphenyl-d14	63	H	50-130		10/29/2020 18:22

Analyst(s): AK Analytical Comments: c2

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Analytical Report

Client:	Langan	**WorkOrder:**	2010636
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-14.5-15	2010636-005A	Soil	10/09/2020 09:04	GC21 10292029.D	208194

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1-Methylnaphthalene	ND	H	0.0026	2	10/29/2020 18:50
Acenaphthene	ND	H	0.0026	2	10/29/2020 18:50
Acenaphthylene	ND	H	0.0026	2	10/29/2020 18:50
Acetochlor	ND	H	0.50	2	10/29/2020 18:50
Anthracene	ND	H	0.0026	2	10/29/2020 18:50
Benzidine	ND	H	2.5	2	10/29/2020 18:50
Benzo (a) anthracene	ND	H	0.026	2	10/29/2020 18:50
Benzo (a) pyrene	ND	H	0.0050	2	10/29/2020 18:50
Benzo (b) fluoranthene	ND	H	0.013	2	10/29/2020 18:50
Benzo (g,h,i) perylene	**0.0079**	H	0.0050	2	10/29/2020 18:50
Benzo (k) fluoranthene	**0.0026**	H	0.0026	2	10/29/2020 18:50
Benzyl Alcohol	ND	H	2.5	2	10/29/2020 18:50
1,1-Biphenyl	ND	H	0.026	2	10/29/2020 18:50
Bis (2-chloroethoxy) Methane	ND	H	0.50	2	10/29/2020 18:50
Bis (2-chloroethyl) Ether	ND	H	0.0026	2	10/29/2020 18:50
Bis (2-chloroisopropyl) Ether	ND	H	0.0026	2	10/29/2020 18:50
Bis (2-ethylhexyl) Adipate	ND	H	0.50	2	10/29/2020 18:50
Bis (2-ethylhexyl) Phthalate	ND	H	0.050	2	10/29/2020 18:50
4-Bromophenyl Phenyl Ether	ND	H	0.50	2	10/29/2020 18:50
Butylbenzyl Phthalate	ND	H	0.050	2	10/29/2020 18:50
4-Chloroaniline	ND	H	0.0050	2	10/29/2020 18:50
4-Chloro-3-methylphenol	ND	H	0.50	2	10/29/2020 18:50
2-Chloronaphthalene	ND	H	0.50	2	10/29/2020 18:50
2-Chlorophenol	ND	H	0.026	2	10/29/2020 18:50
4-Chlorophenyl Phenyl Ether	ND	H	0.50	2	10/29/2020 18:50
Chrysene	ND	H	0.0050	2	10/29/2020 18:50
Dibenzo (a,h) anthracene	ND	H	0.0050	2	10/29/2020 18:50
Dibenzofuran	ND	H	0.50	2	10/29/2020 18:50
Di-n-butyl Phthalate	ND	H	0.026	2	10/29/2020 18:50
1,2-Dichlorobenzene	ND	H	0.50	2	10/29/2020 18:50
1,3-Dichlorobenzene	ND	H	0.50	2	10/29/2020 18:50
1,4-Dichlorobenzene	ND	H	0.50	2	10/29/2020 18:50
3,3-Dichlorobenzidine	ND	H	0.0050	2	10/29/2020 18:50
2,4-Dichlorophenol	ND	H	0.0026	2	10/29/2020 18:50
Diethyl Phthalate	ND	H	0.026	2	10/29/2020 18:50
2,4-Dimethylphenol	ND	H	0.50	2	10/29/2020 18:50
Dimethyl Phthalate	ND	H	0.0050	2	10/29/2020 18:50

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Analytical Report

Client:	Langan	**WorkOrder:**	2010636
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-14.5-15	2010636-005A	Soil	10/09/2020 09:04	GC21 10292029.D	208194

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
4,6-Dinitro-2-methylphenol	ND	H	2.5	2	10/29/2020 18:50
2,4-Dinitrophenol	ND	H	0.50	2	10/29/2020 18:50
2,4-Dinitrotoluene	ND	H	0.026	2	10/29/2020 18:50
2,6-Dinitrotoluene	ND	H	0.026	2	10/29/2020 18:50
Di-n-octyl Phthalate	ND	H	0.026	2	10/29/2020 18:50
1,2-Diphenylhydrazine	ND	H	0.50	2	10/29/2020 18:50
Fluoranthene	ND	H	0.0026	2	10/29/2020 18:50
Fluorene	ND	H	0.0050	2	10/29/2020 18:50
Hexachlorobenzene	ND	H	0.0026	2	10/29/2020 18:50
Hexachlorobutadiene	ND	H	0.0050	2	10/29/2020 18:50
Hexachlorocyclopentadiene	ND	H	4.0	2	10/29/2020 18:50
Hexachloroethane	ND	H	0.026	2	10/29/2020 18:50
Indeno (1,2,3-cd) pyrene	ND	H	0.026	2	10/29/2020 18:50
Isophorone	ND	H	0.50	2	10/29/2020 18:50
2-Methylnaphthalene	ND	H	0.0050	2	10/29/2020 18:50
2-Methylphenol (o-Cresol)	ND	H	0.50	2	10/29/2020 18:50
3 & 4-Methylphenol (m,p-Cresol)	ND	H	0.50	2	10/29/2020 18:50
Naphthalene	ND	H	0.0026	2	10/29/2020 18:50
2-Nitroaniline	ND	H	2.5	2	10/29/2020 18:50
3-Nitroaniline	ND	H	2.5	2	10/29/2020 18:50
4-Nitroaniline	ND	H	2.5	2	10/29/2020 18:50
Nitrobenzene	ND	H	0.50	2	10/29/2020 18:50
2-Nitrophenol	ND	H	2.5	2	10/29/2020 18:50
4-Nitrophenol	ND	H	2.5	2	10/29/2020 18:50
N-Nitrosodimethylamine	ND	H	2.5	2	10/29/2020 18:50
N-Nitrosodiphenylamine	ND	H	0.50	2	10/29/2020 18:50
N-Nitrosodi-n-propylamine	ND	H	0.50	2	10/29/2020 18:50
Pentachlorophenol	ND	H	0.12	2	10/29/2020 18:50
Phenanthrene	ND	H	0.010	2	10/29/2020 18:50
Phenol	ND	H	0.10	2	10/29/2020 18:50
Pyrene	ND	H	0.0050	2	10/29/2020 18:50
Pyridine	ND	H	0.50	2	10/29/2020 18:50
1,2,4-Trichlorobenzene	ND	H	0.50	2	10/29/2020 18:50
2,4,5-Trichlorophenol	ND	H	0.0050	2	10/29/2020 18:50
2,4,6-Trichlorophenol	ND	H	0.026	2	10/29/2020 18:50

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Analytical Report

Client:	Langan	**WorkOrder:**	2010636
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B/3640A
Date Prepared:	10/27/2020	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-14.5-15	**2010636-005A**	**Soil**	**10/09/2020 09:04**	**GC21 10292029.D**	**208194**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
2-Fluorophenol	15	SH	60-130		10/29/2020 18:50
Phenol-d5	12	SH	60-130		10/29/2020 18:50
Nitrobenzene-d5	15	SH	60-130		10/29/2020 18:50
2-Fluorobiphenyl	13	SH	60-130		10/29/2020 18:50
2,4,6-Tribromophenol	10	SH	50-130		10/29/2020 18:50
4-Terphenyl-d14	15	SH	50-130		10/29/2020 18:50

Analyst(s): AK Analytical Comments: c1,c2

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Analytical Report

Client:	Langan	**WorkOrder:**	2010636
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3050B
Date Prepared:	10/28/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-1-1.5	2010636-001A	Soil	10/09/2020 08:56	ICP-MS4 385SMPL.d	208237

Analytes	Result	RL	DF	Date Analyzed
Antimony	**1.1**	0.50	1	10/29/2020 12:04
Arsenic	**9.5**	0.50	1	10/29/2020 12:04
Barium	**270**	5.0	1	10/29/2020 12:04
Beryllium	**0.61**	0.50	1	10/29/2020 12:04
Cadmium	ND	0.50	1	10/29/2020 12:04
Chromium	**56**	0.50	1	10/29/2020 12:04
Cobalt	**14**	0.50	1	10/29/2020 12:04
Copper	**38**	0.50	1	10/29/2020 12:04
Lead	**110**	0.50	1	10/29/2020 12:04
Mercury	**0.15**	0.050	1	10/29/2020 12:04
Molybdenum	**0.85**	0.50	1	10/29/2020 12:04
Nickel	**53**	0.50	1	10/29/2020 12:04
Selenium	**1.3**	0.50	1	10/29/2020 12:04
Silver	ND	0.50	1	10/29/2020 12:04
Thallium	ND	0.50	1	10/29/2020 12:04
Vanadium	**66**	0.50	1	10/29/2020 12:04
Zinc	**140**	5.0	1	10/29/2020 12:04

Surrogates	REC (%)	Limits	
Terbium	97	70-130	10/29/2020 12:04

Analyst(s): WV

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Analytical Report

Client:	Langan	**WorkOrder:**	2010636
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3050B
Date Prepared:	10/28/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-4.5-5	2010636-003A	Soil	10/09/2020 09:07	ICP-MS5 320SMPL.d	208237

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	10/29/2020 08:54
Arsenic	**6.2**	0.50	1	10/29/2020 08:54
Barium	**85**	5.0	1	10/29/2020 08:54
Beryllium	ND	0.50	1	10/29/2020 08:54
Cadmium	ND	0.50	1	10/29/2020 08:54
Chromium	**78**	0.50	1	10/29/2020 08:54
Cobalt	**13**	0.50	1	10/29/2020 08:54
Copper	**28**	0.50	1	10/29/2020 08:54
Lead	**15**	0.50	1	10/29/2020 08:54
Mercury	**0.093**	0.050	1	10/29/2020 08:54
Molybdenum	**0.96**	0.50	1	10/29/2020 08:54
Nickel	**77**	0.50	1	10/29/2020 08:54
Selenium	ND	0.50	1	10/29/2020 08:54
Silver	ND	0.50	1	10/29/2020 08:54
Thallium	ND	0.50	1	10/29/2020 08:54
Vanadium	**59**	0.50	1	10/29/2020 08:54
Zinc	**67**	5.0	1	10/29/2020 08:54

Surrogates	REC (%)	Limits	
Terbium	100	70-130	10/29/2020 08:54

Analyst(s): DB

(Cont.)

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Analytical Report

Client:	Langan	**WorkOrder:**	2010636
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3050B
Date Prepared:	10/28/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-14.5-15	2010636-005A	Soil	10/09/2020 09:04	ICP-MS4 386SMPL.d	208237

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Antimony	ND		0.50	1	10/29/2020 12:08
Arsenic	**2.4**		0.50	1	10/29/2020 12:08
Barium	**77**		5.0	1	10/29/2020 12:08
Beryllium	ND		0.50	1	10/29/2020 12:08
Cadmium	**11**	B	0.50	1	10/29/2020 12:08
Chromium	**88**		0.50	1	10/29/2020 12:08
Cobalt	**9.3**		0.50	1	10/29/2020 12:08
Copper	**21**		0.50	1	10/29/2020 12:08
Lead	**17**		0.50	1	10/29/2020 12:08
Mercury	**0.12**		0.050	1	10/29/2020 12:08
Molybdenum	ND		0.50	1	10/29/2020 12:08
Nickel	**71**		0.50	1	10/29/2020 12:08
Selenium	**0.82**		0.50	1	10/29/2020 12:08
Silver	ND		0.50	1	10/29/2020 12:08
Thallium	ND		0.50	1	10/29/2020 12:08
Vanadium	**59**		0.50	1	10/29/2020 12:08
Zinc	**3900**		5.0	1	10/29/2020 12:08

Surrogates	REC (%)	Limits	
Terbium	99	70-130	10/29/2020 12:08

Analyst(s): WV

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Analytical Report

Client:	Langan	**WorkOrder:**	2010636
Date Received:	10/13/2020 12:52	**Extraction Method:**	CARB 435 Asbestos
Date Prepared:	10/27/2020	**Analytical Method:**	435 CARB
Project:	770634903; Burlingame Shoreline Park	**Unit:**	%

Asbestos (CARB 435) 400 Point Count

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-1-1.5	**2010636-001A**	**Soil**	**10/09/2020 08:56**	**Microscope**	**208355**

Analytes	Result	RL	DF	Date Analyzed
Asbestos	**<0.25**	0.25	1	10/29/2020 11:05

Analyst(s): DA

Analytical Comments: k12,k15

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Analytical Report

Client:	Langan	**WorkOrder:**	2010636
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5035
Date Prepared:	10/27/2020	**Analytical Method:**	SW8021B/8015Bm
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-1-1.5	2010636-001A	Soil	10/09/2020 08:56	GC19 10282011.D	208138

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	H	1.0	1	10/28/2020 17:58
MTBE	---		0.050	1	10/28/2020 17:58
Benzene	---		0.0050	1	10/28/2020 17:58
Toluene	---		0.0050	1	10/28/2020 17:58
Ethylbenzene	---		0.0050	1	10/28/2020 17:58
m,p-Xylene	---		0.010	1	10/28/2020 17:58
o-Xylene	---		0.0050	1	10/28/2020 17:58
Xylenes	---		0.0050	1	10/28/2020 17:58

Surrogates	REC (%)	Qualifiers	Limits	
2-Fluorotoluene	99	H	62-126	10/28/2020 17:58

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-4.5-5	2010636-003A	Soil	10/09/2020 09:07	GC19 10282012.D	208138

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	H	1.0	1	10/28/2020 18:29
MTBE	---		0.050	1	10/28/2020 18:29
Benzene	---		0.0050	1	10/28/2020 18:29
Toluene	---		0.0050	1	10/28/2020 18:29
Ethylbenzene	---		0.0050	1	10/28/2020 18:29
m,p-Xylene	---		0.010	1	10/28/2020 18:29
o-Xylene	---		0.0050	1	10/28/2020 18:29
Xylenes	---		0.0050	1	10/28/2020 18:29

Surrogates	REC (%)	Qualifiers	Limits	
2-Fluorotoluene	92	H	62-126	10/28/2020 18:29

Analyst(s): IA

(Cont.)

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Analytical Report

Client:	Langan	**WorkOrder:**	2010636
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW5035
Date Prepared:	10/27/2020	**Analytical Method:**	SW8021B/8015Bm
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-14.5-15	**2010636-005A**	**Soil**	**10/09/2020 09:04**	**GC3 10312018.D**	**208138**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	H	1.0	1	11/01/2020 02:55
MTBE	---		0.050	1	11/01/2020 02:55
Benzene	---		0.0050	1	11/01/2020 02:55
Toluene	---		0.0050	1	11/01/2020 02:55
Ethylbenzene	---		0.0050	1	11/01/2020 02:55
m,p-Xylene	---		0.010	1	11/01/2020 02:55
o-Xylene	---		0.0050	1	11/01/2020 02:55
Xylenes	---		0.0050	1	11/01/2020 02:55

Surrogates	REC (%)	Qualifiers	Limits	
2-Fluorotoluene	83	H	62-126	11/01/2020 02:55

Analyst(s): IA

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Analytical Report

Client:	Langan	**WorkOrder:**	2010636
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW3550B
Date Prepared:	10/27/2020	**Analytical Method:**	SW8015B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-1-1.5	2010636-001A	Soil	10/09/2020 08:56	GC6A 10292016.D	208137

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**5.3**	H	2.0	2	10/29/2020 14:31
TPH-Motor Oil (C18-C36)	**97**	H	10	2	10/29/2020 14:31

Surrogates	REC (%)	Qualifiers	Limits	
C9	86	H	70-130	10/29/2020 14:31

Analyst(s): JIS Analytical Comments: e2,e7

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-4.5-5	2010636-003A	Soil	10/09/2020 09:07	GC11B 10292017.D	208137

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**1.7**	H	1.0	1	10/29/2020 15:12
TPH-Motor Oil (C18-C36)	**34**	H	5.0	1	10/29/2020 15:12

Surrogates	REC (%)	Qualifiers	Limits	
C9	95	H	70-130	10/29/2020 15:12

Analyst(s): JIS Analytical Comments: e2,e7

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-14.5-15	2010636-005A	Soil	10/09/2020 09:04	GC6A 10292010.D	208137

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**7.9**	H	1.0	1	10/29/2020 12:34
TPH-Motor Oil (C18-C36)	**56**	H	5.0	1	10/29/2020 12:34

Surrogates	REC (%)	Qualifiers	Limits	
C9	92	H	70-130	10/29/2020 12:34

Analyst(s): JIS Analytical Comments: e2,e7

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010636
Date Prepared:	10/28/2020	**BatchID:**	208243
Date Analyzed:	10/28/2020 - 10/29/2020	**Extraction Method:**	SW3550B/3640Am/3630Cm
Instrument:	GC20	**Analytical Method:**	SW8081A/8082
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208243

QC Summary Report for SW8081A/8082

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Aldrin	ND	0.0000360	0.000100	-	-	-
a-BHC	ND	0.0000250	0.000100	-	-	-
b-BHC	ND	0.000250	0.000300	-	-	-
d-BHC	ND	0.000130	0.000200	-	-	-
g-BHC	ND	0.0000660	0.000100	-	-	-
Chlordane (Technical)	ND	0.000430	0.00250	-	-	-
a-Chlordane	ND	0.0000950	0.000100	-	-	-
g-Chlordane	ND	0.0000470	0.000100	-	-	-
p,p-DDD	ND	0.0000430	0.000100	-	-	-
p,p-DDE	ND	0.0000940	0.000100	-	-	-
p,p-DDT	ND	0.0000920	0.000100	-	-	-
Dieldrin	ND	0.0000610	0.000100	-	-	-
Endosulfan I	ND	0.0000480	0.000100	-	-	-
Endosulfan II	ND	0.0000760	0.000100	-	-	-
Endosulfan sulfate	ND	0.0000780	0.000100	-	-	-
Endrin	ND	0.0000350	0.000100	-	-	-
Endrin aldehyde	ND	0.0000670	0.000100	-	-	-
Endrin ketone	ND	0.0000840	0.000100	-	-	-
Heptachlor	ND	0.0000400	0.000100	-	-	-
Heptachlor epoxide	ND	0.0000540	0.000100	-	-	-
Hexachlorobenzene	ND	0.000110	0.00100	-	-	-
Hexachlorocyclopentadiene	ND	0.000340	0.00200	-	-	-
Methoxychlor	ND	0.000130	0.000200	-	-	-
Toxaphene	ND	0.00340	0.00500	-	-	-
Aroclor1016	ND	0.00200	0.00500	-	-	-
Aroclor1221	ND	0.00220	0.00500	-	-	-
Aroclor1232	ND	0.00220	0.00500	-	-	-
Aroclor1242	ND	0.00220	0.00500	-	-	-
Aroclor1248	ND	0.00220	0.00500	-	-	-
Aroclor1254	ND	0.00220	0.00500	-	-	-
Aroclor1260	ND	0.00220	0.00500	-	-	-
Surrogate Recovery						
Decachlorobiphenyl	0.00474			0.005	95	28-170

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010636
Date Prepared:	10/28/2020	**BatchID:**	208243
Date Analyzed:	10/28/2020 - 10/29/2020	**Extraction Method:**	SW3550B/3640Am/3630Cm
Instrument:	GC20	**Analytical Method:**	SW8081A/8082
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208243

QC Summary Report for SW8081A/8082

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Aldrin	0.00386	0.00417	0.0050	77	83	31-155	7.69	20
a-BHC	0.00426	0.00460	0.0050	85	92	32-160	7.62	20
b-BHC	0.00403	0.00442	0.0050	81	88	44-149	9.13	20
d-BHC	0.00414	0.00444	0.0050	83	89	37-157	7.10	20
g-BHC	0.00405	0.00443	0.0050	81	89	43-154	8.90	20
g-Chlordane	0.00374	0.00417	0.0050	75	83	39-151	10.9	20
p,p-DDD	0.00412	0.00470	0.0050	82	94	30-158	13.0	20
p,p-DDE	0.00385	0.00429	0.0050	77	86	47-149	10.8	20
p,p-DDT	0.00390	0.00445	0.0050	78	89	56-166	13.0	20
Dieldrin	0.00437	0.00484	0.0050	87	97	50-163	10.1	20
Endosulfan I	0.00379	0.00414	0.0050	76	83	45-159	8.82	20
Endosulfan II	0.00350	0.00399	0.0050	70	80	41-155	12.9	20
Endosulfan sulfate	0.00334	0.00375	0.0050	67	75	45-156	11.5	20
Endrin	0.00393	0.00434	0.0050	79	87	54-154	9.78	20
Endrin aldehyde	0.00386	0.00445	0.0050	77	89	27-159	14.2	20
Endrin ketone	0.00324	0.00368	0.0050	65	74	40-147	12.7	20
Heptachlor	0.00458	0.00486	0.0050	92	97	52-165	5.95	20
Heptachlor epoxide	0.00373	0.00410	0.0050	75	82	46-145	9.41	20
Hexachlorobenzene	0.00370	0.00397	0.0050	74	79	22-156	6.92	20
Hexachlorocyclopentadiene	0.00410	0.00425	0.0050	82	85	43-173	3.48	20
Methoxychlor	0.00444	0.00488	0.0050	89	98	49-150	9.34	20
Aroclor1016	0.0149	0.0150	0.015	99	100	49-120	1.15	20
Aroclor1260	0.0138	0.0143	0.015	92	95	48-160	3.02	20
Surrogate Recovery								
Decachlorobiphenyl	0.00403	0.00426	0.0050	81	85	28-170	5.49	20

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010636
Date Prepared:	10/27/2020	**BatchID:**	208139
Date Analyzed:	11/01/2020	**Extraction Method:**	SW5030B
Instrument:	GC28	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208139

QC Summary Report for SW8260B

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	0.200	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.00500	-	-	-
Benzene	ND	0.00500	-	-	-
Bromobenzene	ND	0.00500	-	-	-
Bromochloromethane	ND	0.00500	-	-	-
Bromodichloromethane	ND	0.00500	-	-	-
Bromoform	ND	0.00500	-	-	-
Bromomethane	ND	0.00500	-	-	-
2-Butanone (MEK)	ND	0.0500	-	-	-
t-Butyl alcohol (TBA)	ND	0.0500	-	-	-
n-Butyl benzene	ND	0.00500	-	-	-
sec-Butyl benzene	ND	0.00500	-	-	-
tert-Butyl benzene	ND	0.00500	-	-	-
Carbon Disulfide	ND	0.00500	-	-	-
Carbon Tetrachloride	ND	0.00500	-	-	-
Chlorobenzene	ND	0.00500	-	-	-
Chloroethane	ND	0.00500	-	-	-
Chloroform	ND	0.00500	-	-	-
Chloromethane	ND	0.00500	-	-	-
2-Chlorotoluene	ND	0.00500	-	-	-
4-Chlorotoluene	ND	0.00500	-	-	-
Dibromochloromethane	ND	0.00500	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.000500	-	-	-
1,2-Dibromoethane (EDB)	ND	0.000250	-	-	-
Dibromomethane	ND	0.00500	-	-	-
1,2-Dichlorobenzene	ND	0.00500	-	-	-
1,3-Dichlorobenzene	ND	0.00500	-	-	-
1,4-Dichlorobenzene	ND	0.00500	-	-	-
Dichlorodifluoromethane	ND	0.00500	-	-	-
1,1-Dichloroethane	ND	0.00500	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.000100	-	-	-
1,1-Dichloroethene	ND	0.00500	-	-	-
cis-1,2-Dichloroethene	ND	0.00500	-	-	-
trans-1,2-Dichloroethene	ND	0.00500	-	-	-
1,2-Dichloropropane	ND	0.00500	-	-	-
1,3-Dichloropropane	ND	0.00500	-	-	-
2,2-Dichloropropane	ND	0.00500	-	-	-
1,1-Dichloropropene	ND	0.00500	-	-	-

(Cont.)

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010636
Date Prepared:	10/27/2020	**BatchID:**	208139
Date Analyzed:	11/01/2020	**Extraction Method:**	SW5030B
Instrument:	GC28	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208139

QC Summary Report for SW8260B

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
cis-1,3-Dichloropropene	ND	0.00500	-	-	-
trans-1,3-Dichloropropene	ND	0.00500	-	-	-
Diisopropyl ether (DIPE)	ND	0.00500	-	-	-
Ethylbenzene	ND	0.00500	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.00500	-	-	-
Freon 113	ND	0.00500	-	-	-
Hexachlorobutadiene	ND	0.00500	-	-	-
Hexachloroethane	ND	0.00500	-	-	-
2-Hexanone	ND	0.00500	-	-	-
Isopropylbenzene	ND	0.00500	-	-	-
4-Isopropyl toluene	ND	0.00500	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.00500	-	-	-
Methylene chloride	ND	0.0200	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.00500	-	-	-
Naphthalene	ND	0.00500	-	-	-
n-Propyl benzene	ND	0.00500	-	-	-
Styrene	ND	0.00500	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.00500	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.00500	-	-	-
Tetrachloroethene	ND	0.00500	-	-	-
Toluene	ND	0.00500	-	-	-
1,2,3-Trichlorobenzene	ND	0.00500	-	-	-
1,2,4-Trichlorobenzene	ND	0.00500	-	-	-
1,1,1-Trichloroethane	ND	0.00500	-	-	-
1,1,2-Trichloroethane	ND	0.00500	-	-	-
Trichloroethene	ND	0.00500	-	-	-
Trichlorofluoromethane	ND	0.00500	-	-	-
1,2,3-Trichloropropane	ND	0.000250	-	-	-
1,2,4-Trimethylbenzene	ND	0.00500	-	-	-
1,3,5-Trimethylbenzene	ND	0.00500	-	-	-
Vinyl Chloride	ND	0.000250	-	-	-
m,p-Xylene	ND	0.00500	-	-	-
o-Xylene	ND	0.00500	-	-	-

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010636
Date Prepared:	10/27/2020	**BatchID:**	208139
Date Analyzed:	11/01/2020	**Extraction Method:**	SW5030B
Instrument:	GC28	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208139

QC Summary Report for SW8260B

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery					
Dibromofluoromethane	0.137		0.125	109	87-127
Toluene-d8	0.154		0.125	123	93-141
4-BFB	0.0168		0.0125	134	84-137
Benzene-d6	0.113		0.1	113	67-131
Ethylbenzene-d10	0.118		0.1	118	78-153
1,2-DCB-d4	0.0930		0.1	93	63-109

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010636
Date Prepared:	10/27/2020	**BatchID:**	208139
Date Analyzed:	11/01/2020	**Extraction Method:**	SW5030B
Instrument:	GC28	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208139

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	0.157	0.157	0.20	78	79	48-156	0.227	30
tert-Amyl methyl ether (TAME)	0.0138	0.0137	0.020	69	69	56-115	0.598	30
Benzene	0.0176	0.0172	0.020	88	86	63-131	2.07	30
Bromobenzene	0.0192	0.0189	0.020	96	94	66-127	1.81	30
Bromochloromethane	0.0169	0.0168	0.020	84	84	64-124	0.679	30
Bromodichloromethane	0.0146	0.0145	0.020	73	73	64-120	0.731	30
Bromoform	0.0148	0.0153	0.020	74	77	48-92	3.45	30
Bromomethane	0.0156	0.0148	0.020	78	74	25-163	4.98	30
2-Butanone (MEK)	0.0525	0.0528	0.080	66	66	51-133	0.580	30
t-Butyl alcohol (TBA)	0.0447	0.0493	0.080	56	62	52-129	9.81	30
n-Butyl benzene	0.0262	0.0258	0.020	131	129	83-200	1.60	30
sec-Butyl benzene	0.0253	0.0244	0.020	126	122	81-199	3.52	30
tert-Butyl benzene	0.0241	0.0234	0.020	121	117	79-178	2.89	30
Carbon Disulfide	0.0176	0.0171	0.020	88	85	64-136	3.09	30
Carbon Tetrachloride	0.0157	0.0154	0.020	79	77	66-140	2.33	30
Chlorobenzene	0.0189	0.0185	0.020	95	93	73-116	2.29	30
Chloroethane	0.0163	0.0157	0.020	82	79	35-147	3.58	30
Chloroform	0.0167	0.0164	0.020	83	82	65-130	1.34	30
Chloromethane	0.0153	0.0144	0.020	77	72	30-137	5.95	30
2-Chlorotoluene	0.0224	0.0213	0.020	112	107	75-152	4.78	30
4-Chlorotoluene	0.0220	0.0219	0.020	110	110	71-148	0.436	30
Dibromochloromethane	0.0141	0.0143	0.020	71	71	61-106	1.20	30
1,2-Dibromo-3-chloropropane	0.00574	0.00594	0.010	57	59	36-120	3.42	30
1,2-Dibromoethane (EDB)	0.00821	0.00818	0.010	82	82	67-118	0.276	30
Dibromomethane	0.0145	0.0144	0.020	72	72	61-116	0.481	30
1,2-Dichlorobenzene	0.0165	0.0161	0.020	82	80	59-106	2.23	30
1,3-Dichlorobenzene	0.0196	0.0195	0.020	98	97	75-129	0.750	30
1,4-Dichlorobenzene	0.0192	0.0187	0.020	96	94	66-127	2.33	30
Dichlorodifluoromethane	0.00680	0.00667	0.020	34	33	13-74	1.97	30
1,1-Dichloroethane	0.0171	0.0168	0.020	86	84	65-134	2.16	30
1,2-Dichloroethane (1,2-DCA)	0.0132	0.0130	0.020	66	65	57-131	1.12	30
1,1-Dichloroethene	0.0169	0.0165	0.020	85	82	62-127	2.55	30
cis-1,2-Dichloroethene	0.0185	0.0178	0.020	92	89	66-130	3.65	30
trans-1,2-Dichloroethene	0.0184	0.0177	0.020	92	88	60-131	3.87	30
1,2-Dichloropropane	0.0172	0.0169	0.020	86	85	63-127	1.74	30
1,3-Dichloropropane	0.0176	0.0174	0.020	88	87	68-124	1.26	30
2,2-Dichloropropane	0.0182	0.0176	0.020	91	88	63-150	3.47	30
1,1-Dichloropropene	0.0187	0.0173	0.020	94	87	67-134	7.69	30

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010636
Date Prepared:	10/27/2020	**BatchID:**	208139
Date Analyzed:	11/01/2020	**Extraction Method:**	SW5030B
Instrument:	GC28	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208139

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.0182	0.0181	0.020	91	90	65-138	0.506	30
trans-1,3-Dichloropropene	0.0163	0.0161	0.020	81	81	66-124	0.801	30
Diisopropyl ether (DIPE)	0.0161	0.0160	0.020	80	80	58-129	0.0570	30
Ethylbenzene	0.0203	0.0204	0.020	101	102	73-145	0.395	30
Ethyl tert-butyl ether (ETBE)	0.0151	0.0149	0.020	75	74	62-125	1.26	30
Freon 113	0.0151	0.0149	0.020	76	74	55-116	1.72	30
Hexachlorobutadiene	0.0215	0.0210	0.020	107	105	75-178	2.31	30
Hexachloroethane	0.0217	0.0216	0.020	108	108	75-152	0.0737	30
2-Hexanone	0.0109	0.0119	0.020	55	59	41-113	8.15	30
Isopropylbenzene	0.0246	0.0241	0.020	123	121	67-172	2.02	30
4-Isopropyl toluene	0.0248	0.0242	0.020	124	121	88-171	2.67	30
Methyl-t-butyl ether (MTBE)	0.0142	0.0141	0.020	71	70	58-122	0.613	30
Methylene chloride	0.0173	0.0171	0.020	86	85	57-140	1.36	30
4-Methyl-2-pentanone (MIBK)	0.0117	0.0119	0.020	59	59	42-117	1.40	30
Naphthalene	0.0105	0.0100	0.020	52	50	29-65	3.93	30
n-Propyl benzene	0.0249	0.0241	0.020	125	120	85-174	3.33	30
Styrene	0.0174	0.0172	0.020	87	86	63-126	0.853	30
1,1,1,2-Tetrachloroethane	0.0172	0.0170	0.020	86	85	68-131	1.19	30
1,1,2,2-Tetrachloroethane	0.0138	0.0138	0.020	69	69	45-121	0.216	30
Tetrachloroethene	0.0193	0.0188	0.020	96	94	65-150	2.58	30
Toluene	0.0201	0.0199	0.020	101	100	72-135	1.09	30
1,2,3-Trichlorobenzene	0.0116	0.0116	0.020	58	58	35-80	0.159	30
1,2,4-Trichlorobenzene	0.0148	0.0146	0.020	74	73	45-103	1.34	30
1,1,1-Trichloroethane	0.0165	0.0160	0.020	83	80	67-137	3.31	30
1,1,2-Trichloroethane	0.0165	0.0164	0.020	83	82	67-117	0.848	30
Trichloroethene	0.0186	0.0183	0.020	93	91	62-135	1.87	30
Trichlorofluoromethane	0.0148	0.0144	0.020	74	72	56-124	2.24	30
1,2,3-Trichloropropane	0.00834	0.00841	0.010	83	84	58-133	0.775	30
1,2,4-Trimethylbenzene	0.0223	0.0226	0.020	112	113	78-161	1.52	30
1,3,5-Trimethylbenzene	0.0239	0.0236	0.020	120	118	85-170	1.45	30
Vinyl Chloride	0.00788	0.00758	0.010	79	76	32-142	3.88	30
m,p-Xylene	0.0392	0.0392	0.040	98	98	70-138	0.129	30
o-Xylene	0.0173	0.0176	0.020	86	88	69-135	1.50	30

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010636
Date Prepared:	10/27/2020	**BatchID:**	208139
Date Analyzed:	11/01/2020	**Extraction Method:**	SW5030B
Instrument:	GC28	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208139

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
Dibromofluoromethane	0.139	0.137	0.12	111	109	87-127	1.84	30
Toluene-d8	0.154	0.155	0.12	123	124	93-141	0.793	30
4-BFB	0.0160	0.0157	0.012	128	126	84-137	1.50	30
Benzene-d6	0.104	0.106	0.10	104	106	67-131	1.36	30
Ethylbenzene-d10	0.114	0.114	0.10	114	114	78-153	0.180	30
1,2-DCB-d4	0.0935	0.0935	0.10	94	94	63-109	0.0168	30

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010636
Date Prepared:	10/27/2020	**BatchID:**	208194
Date Analyzed:	10/28/2020	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208194

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
1-Methylnaphthalene	ND	0.000340	0.00130	-	-	-
Benzoic Acid	ND	0.370	1.20	-	-	-
Acenaphthene	ND	0.000510	0.00130	-	-	-
Acenaphthylene	ND	0.000300	0.00130	-	-	-
Acetochlor	ND	0.0320	0.250	-	-	-
Anthracene	ND	0.000850	0.00130	-	-	-
Benzidine	ND	0.120	1.20	-	-	-
Benzo (a) anthracene	ND	0.00400	0.0130	-	-	-
Benzo (a) pyrene	ND	0.00120	0.00250	-	-	-
Benzo (b) fluoranthene	ND	0.00110	0.00630	-	-	-
Benzo (g,h,i) perylene	ND	0.00160	0.00250	-	-	-
Benzo (k) fluoranthene	ND	0.00120	0.00130	-	-	-
Benzyl Alcohol	ND	0.630	1.20	-	-	-
1,1-Biphenyl	ND	0.00280	0.0130	-	-	-
Bis (2-chloroethoxy) Methane	ND	0.0280	0.250	-	-	-
Bis (2-chloroethyl) Ether	ND	0.000690	0.00130	-	-	-
Bis (2-chloroisopropyl) Ether	ND	0.000540	0.00130	-	-	-
Bis (2-ethylhexyl) Adipate	ND	0.0440	0.250	-	-	-
Bis (2-ethylhexyl) Phthalate	ND	0.0110	0.0250	-	-	-
4-Bromophenyl Phenyl Ether	ND	0.0330	0.250	-	-	-
Butylbenzyl Phthalate	ND	0.00550	0.0250	-	-	-
4-Chloroaniline	ND	0.000660	0.00250	-	-	-
4-Chloro-3-methylphenol	ND	0.0320	0.250	-	-	-
2-Chloronaphthalene	ND	0.0200	0.250	-	-	-
2-Chlorophenol	ND	0.00190	0.0130	-	-	-
4-Chlorophenyl Phenyl Ether	ND	0.0290	0.250	-	-	-
Chrysene	ND	0.00140	0.00250	-	-	-
Dibenzo (a,h) anthracene	ND	0.00140	0.00250	-	-	-
Dibenzofuran	ND	0.0150	0.250	-	-	-
Di-n-butyl Phthalate	ND	0.00520	0.0130	-	-	-
1,2-Dichlorobenzene	ND	0.0170	0.250	-	-	-
1,3-Dichlorobenzene	ND	0.0210	0.250	-	-	-
1,4-Dichlorobenzene	ND	0.0270	0.250	-	-	-
3,3-Dichlorobenzidine	ND	0.00100	0.00250	-	-	-
2,4-Dichlorophenol	ND	0.000500	0.00130	-	-	-
Diethyl Phthalate	ND	0.00350	0.0130	-	-	-
2,4-Dimethylphenol	ND	0.0310	0.250	-	-	-
Dimethyl Phthalate	ND	0.00120	0.00250	-	-	-

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010636
Date Prepared:	10/27/2020	**BatchID:**	208194
Date Analyzed:	10/28/2020	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208194

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
4,6-Dinitro-2-methylphenol	ND	0.180	1.20	-	-	-
2,4-Dinitrophenol	ND	0.160	0.250	-	-	-
2,4-Dinitrotoluene	ND	0.00240	0.0130	-	-	-
2,6-Dinitrotoluene	ND	0.00150	0.0130	-	-	-
Di-n-octyl Phthalate	ND	0.00490	0.0130	-	-	-
1,2-Diphenylhydrazine	ND	0.0300	0.250	-	-	-
Fluoranthene	ND	0.00120	0.00130	-	-	-
Fluorene	ND	0.00110	0.00250	-	-	-
Hexachlorobenzene	ND	0.000380	0.00130	-	-	-
Hexachlorobutadiene	ND	0.000170	0.00250	-	-	-
Hexachlorocyclopentadiene	ND	0.150	2.00	-	-	-
Hexachloroethane	ND	0.00160	0.0130	-	-	-
Indeno (1,2,3-cd) pyrene	ND	0.00240	0.0130	-	-	-
Isophorone	ND	0.0460	0.250	-	-	-
2-Methylnaphthalene	ND	0.000540	0.00250	-	-	-
2-Methylphenol (o-Cresol)	ND	0.0570	0.250	-	-	-
3 & 4-Methylphenol (m,p-Cresol)	ND	0.0720	0.250	-	-	-
Naphthalene	ND	0.000550	0.00130	-	-	-
2-Nitroaniline	ND	0.0870	1.20	-	-	-
3-Nitroaniline	ND	0.0910	1.20	-	-	-
4-Nitroaniline	ND	0.130	1.20	-	-	-
Nitrobenzene	ND	0.0250	0.250	-	-	-
2-Nitrophenol	ND	0.150	1.20	-	-	-
4-Nitrophenol	ND	0.380	1.20	-	-	-
N-Nitrosodimethylamine	ND	0.140	1.20	-	-	-
N-Nitrosodiphenylamine	ND	0.0260	0.250	-	-	-
N-Nitrosodi-n-propylamine	ND	0.0770	0.250	-	-	-
Pentachlorophenol	ND	0.00990	0.0620	-	-	-
Phenanthrene	ND	0.00120	0.00500	-	-	-
Phenol	ND	0.00500	0.0500	-	-	-
Pyrene	ND	0.000930	0.00250	-	-	-
Pyridine	ND	0.0480	0.250	-	-	-
1,2,4-Trichlorobenzene	ND	0.0250	0.250	-	-	-
2,4,5-Trichlorophenol	ND	0.000740	0.00250	-	-	-
2,4,6-Trichlorophenol	ND	0.000840	0.0130	-	-	-

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010636
Date Prepared:	10/27/2020	**BatchID:**	208194
Date Analyzed:	10/28/2020	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208194

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
2-Fluorophenol	0.940			1.25	75	60-130
Phenol-d5	0.934			1.25	75	60-130
Nitrobenzene-d5	0.887			1.25	71	60-130
2-Fluorobiphenyl	0.881			1.25	70	60-130
2,4,6-Tribromophenol	0.471			1.25	38,F3	50-130
4-Terphenyl-d14	0.870			1.25	70	50-130

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010636
Date Prepared:	10/27/2020	**BatchID:**	208194
Date Analyzed:	10/28/2020	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208194

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
1-Methylnaphthalene	0.0844	0.0840	0.12	67	67	60-130	0.463	30
Acenaphthene	0.0842	0.0831	0.12	67	66	60-130	1.32	30
Acenaphthylene	0.0816	0.0806	0.12	65	64	60-130	1.31	30
Anthracene	0.0866	0.0862	0.12	69	69	60-130	0.527	30
Benzidine	6.53	6.52	12.5	52	52	30-130	0.250	30
Benzo (a) anthracene	0.0918	0.0896	0.12	73	72	60-130	2.39	30
Benzo (a) pyrene	0.0916	0.0885	0.12	73	71	60-130	3.39	30
Benzo (b) fluoranthene	0.0922	0.0889	0.12	74	71	40-130	3.65	30
Benzo (g,h,i) perylene	0.0814	0.0782	0.12	65	63	60-130	4.05	30
Benzo (k) fluoranthene	0.107	0.104	0.12	86	83	60-130	2.63	30
Benzyl Alcohol	7.80	7.73	12.5	62	62	60-130	0.871	30
Bis (2-chloroethoxy) Methane	1.68	1.66	2.5	67	67	60-130	1.28	30
Bis (2-chloroethyl) Ether	0.0806	0.0775	0.12	64	62	60-130	3.94	30
Bis (2-chloroisopropyl) Ether	0.0849	0.0822	0.12	68	66	60-130	3.27	30
Bis (2-ethylhexyl) Adipate	1.51	1.71	2.5	60	68	40-130	12.7	30
Bis (2-ethylhexyl) Phthalate	0.0812	0.0807	0.12	65	65	60-130	0.591	30
4-Bromophenyl Phenyl Ether	1.75	1.78	2.5	70	71	60-130	1.67	30
Butylbenzyl Phthalate	0.0891	0.0865	0.12	71	69	60-130	2.98	30
4-Chloroaniline	0.0795	0.0790	0.12	64	63	40-130	0.560	30
4-Chloro-3-methylphenol	1.86	1.81	2.5	75	72	60-130	2.89	30
2-Chloronaphthalene	1.69	1.67	2.5	68	67	60-130	1.12	30
2-Chlorophenol	0.0816	0.0814	0.12	65	65	60-130	0.214	30
4-Chlorophenyl Phenyl Ether	1.80	1.75	2.5	72	70	60-130	2.68	30
Chrysene	0.0934	0.0936	0.12	75	75	60-130	0.220	30
Dibenzo (a,h) anthracene	0.0850	0.0816	0.12	68	65	60-130	4.02	30
Dibenzofuran	1.78	1.74	2.5	71	70	60-130	2.22	30
Di-n-butyl Phthalate	0.0937	0.0926	0.12	75	74	60-130	1.12	30
1,2-Dichlorobenzene	1.50	1.55	2.5	60	62	60-130	3.28	30
1,3-Dichlorobenzene	1.46	1.48	2.5	59,F2	59,F2	60-130	0.858	30
1,4-Dichlorobenzene	1.50	1.51	2.5	60	61	60-130	1.09	30
3,3-Dichlorobenzidine	0.0796	0.0783	0.12	64	63	40-130	1.70	30
2,4-Dichlorophenol	0.0895	0.0888	0.12	72	71	60-130	0.728	30
Diethyl Phthalate	0.0926	0.0888	0.12	74	71	60-130	4.26	30
2,4-Dimethylphenol	1.77	1.78	2.5	71	71	60-130	0.643	30
Dimethyl Phthalate	0.0871	0.0857	0.12	70	69	60-130	1.66	30
4,6-Dinitro-2-methylphenol	6.79	7.33	12.5	54	59	30-130	7.71	30
2,4-Dinitrophenol	0.751	0.806	2.5	30	32	15-130	6.97	30
2,4-Dinitrotoluene	0.103	0.101	0.12	83	81	60-130	2.70	30

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010636
Date Prepared:	10/27/2020	**BatchID:**	208194
Date Analyzed:	10/28/2020	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208194

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
2,6-Dinitrotoluene	0.0917	0.0913	0.12	73	73	60-130	0.485	30
Di-n-octyl Phthalate	0.0840	0.0854	0.12	67	68	60-130	1.65	30
1,2-Diphenylhydrazine	1.68	1.68	2.5	67	67	60-130	0.0713	30
Fluoranthene	0.0934	0.0902	0.12	75	72	60-130	3.42	30
Fluorene	0.0930	0.0905	0.12	74	72	60-130	2.73	30
Hexachlorobenzene	0.0890	0.0909	0.12	71	73	60-130	2.13	30
Hexachlorobutadiene	0.0856	0.0863	0.12	68	69	60-130	0.852	30
Hexachlorocyclopentadiene	7.70	7.80	12.5	62	62	40-130	1.29	30
Hexachloroethane	0.0878	0.0702	0.12	70	56,F2	60-130	22.2	30
Indeno (1,2,3-cd) pyrene	0.0874	0.0842	0.12	70	67	60-130	3.64	30
Isophorone	1.72	1.67	2.5	69	67	60-130	2.57	30
2-Methylnaphthalene	0.0854	0.0846	0.12	68	68	60-130	1.01	30
2-Methylphenol (o-Cresol)	1.78	1.72	2.5	71	69	60-130	3.30	30
3 & 4-Methylphenol (m,p-Cresol)	1.78	1.73	2.5	71	69	60-130	2.72	30
Naphthalene	0.0800	0.0802	0.12	64	64	60-130	0.193	30
2-Nitroaniline	8.66	8.71	12.5	69	70	60-130	0.490	30
3-Nitroaniline	9.58	9.16	12.5	77	73	30-130	4.56	30
4-Nitroaniline	10.1	9.48	12.5	81	76	60-130	6.20	30
Nitrobenzene	1.80	1.80	2.5	72	72	60-130	0.568	30
2-Nitrophenol	9.04	9.11	12.5	72	73	60-130	0.765	30
4-Nitrophenol	9.51	8.99	12.5	76	72	60-130	5.62	30
N-Nitrosodimethylamine	7.23	7.32	12.5	58,F2	59,F2	60-130	1.31	30
N-Nitrosodiphenylamine	1.79	1.80	2.5	72	72	60-130	0.171	30
N-Nitrosodi-n-propylamine	1.47	1.43	2.5	59,F2	57,F2	60-130	2.74	30
Pentachlorophenol	0.375	0.403	0.62	60	64	40-130	7.16	30
Phenanthrene	0.0841	0.0831	0.12	67	66	60-130	1.24	30
Phenol	0.351	0.345	0.50	70	69	60-130	1.72	30
Pyrene	0.0902	0.0890	0.12	72	71	60-130	1.39	30
Pyridine	0.982	0.969	2.5	39	39	30-130	1.28	30
1,2,4-Trichlorobenzene	1.70	1.72	2.5	68	69	60-130	1.20	30
2,4,5-Trichlorophenol	0.0866	0.0882	0.12	69	71	60-130	1.77	30
2,4,6-Trichlorophenol	0.0836	0.0832	0.12	67	67	60-130	0.509	30

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010636
Date Prepared:	10/27/2020	**BatchID:**	208194
Date Analyzed:	10/28/2020	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208194

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
2-Fluorophenol	0.805	0.846	1.25	64	68	60-130	4.96	30
Phenol-d5	0.830	0.864	1.25	66	69	60-130	4.05	30
Nitrobenzene-d5	0.858	0.942	1.25	69	75	60-130	9.34	30
2-Fluorobiphenyl	0.811	0.858	1.25	65	69	60-130	5.70	30
2,4,6-Tribromophenol	0.780	0.780	1.25	62	62	50-130	0.0481	30
4-Terphenyl-d14	0.889	0.922	1.25	71	74	50-130	3.60	30

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010636
Date Prepared:	10/28/2020	**BatchID:**	208237
Date Analyzed:	10/29/2020	**Extraction Method:**	SW3050B
Instrument:	ICP-MS5	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208237 2010636-003AMS/MSD 2010636-003APDS

QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Antimony	ND	0.160	0.500	-	-	-
Arsenic	ND	0.150	0.500	-	-	-
Barium	ND	0.570	5.00	-	-	-
Beryllium	ND	0.0730	0.500	-	-	-
Cadmium	0.0750,J	0.0610	0.500	-	-	-
Chromium	ND	0.130	0.500	-	-	-
Cobalt	ND	0.0520	0.500	-	-	-
Copper	ND	0.180	0.500	-	-	-
Lead	ND	0.140	0.500	-	-	-
Mercury	ND	0.0320	0.0500	-	-	-
Molybdenum	ND	0.160	0.500	-	-	-
Nickel	ND	0.170	0.500	-	-	-
Selenium	ND	0.150	0.500	-	-	-
Silver	ND	0.120	0.500	-	-	-
Thallium	ND	0.0670	0.500	-	-	-
Vanadium	ND	0.130	0.500	-	-	-
Zinc	ND	3.00	5.00	-	-	-
Surrogate Recovery						
Terbium	505			500	101	70-130

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010636
Date Prepared:	10/28/2020	**BatchID:**	208237
Date Analyzed:	10/29/2020	**Extraction Method:**	SW3050B
Instrument:	ICP-MS5	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208237 2010636-003AMS/MSD 2010636-003APDS

QC Summary Report for Metals

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Antimony	50.5	51.2	50	101	102	75-125	1.31	20
Arsenic	51.9	50.9	50	104	102	75-125	2.06	20
Barium	507	508	500	101	102	75-125	0.146	20
Beryllium	48.7	48.1	50	97	96	75-125	1.32	20
Cadmium	49.8	49.2	50	100	98	75-125	1.25	20
Chromium	50.0	49.6	50	100	99	75-125	0.912	20
Cobalt	51.4	51.2	50	103	102	75-125	0.524	20
Copper	49.7	49.3	50	99	99	75-125	0.909	20
Lead	49.9	49.2	50	100	98	75-125	1.53	20
Mercury	1.18	1.18	1.25	94	94	75-125	0	20
Molybdenum	49.7	49.6	50	99	99	75-125	0.179	20
Nickel	50.1	49.7	50	100	99	75-125	0.836	20
Selenium	51.2	49.7	50	102	99	75-125	2.99	20
Silver	50.3	50.1	50	101	100	75-125	0.381	20
Thallium	50.6	49.7	50	101	99	75-125	1.82	20
Vanadium	49.8	50.1	50	100	100	75-125	0.565	20
Zinc	505	497	500	101	99	75-125	1.54	20
Surrogate Recovery								
Terbium	504	496	500	101	99	70-130	1.72	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Antimony	1	52.6	50.6	50	ND	105	101	75-125	3.84	20
Arsenic	1	58.7	56.0	50	6.161	105	100	75-125	4.68	20
Barium	1	749	746	500	85.05	133,F10	132,F10	75-125	0.476	20
Beryllium	1	47.1	46.2	50	ND	93	91	75-125	2.06	20
Cadmium	1	50.8	49.8	50	ND	101	99	75-125	2.15	20
Chromium	1	105	86.6	50	78.09	54,F10	17,F10	75-125	19.2	20
Cobalt	1	60.2	57.2	50	13.05	94	88	75-125	5.10	20
Copper	1	84.2	72.4	50	27.72	113	89	75-125	15.1	20
Lead	1	158	129	50	14.92	286,F10	228,F10	75-125	20.1,F10	20
Mercury	1	1.34	1.28	1.25	0.09300	100	95	75-125	4.95	20
Molybdenum	1	51.2	50.0	50	0.9650	100	98	75-125	2.44	20
Nickel	1	102	85.3	50	77.26	49,F10	16,F10	75-125	17.8	20
Selenium	1	51.0	50.0	50	ND	101	99	75-125	1.91	20
Silver	1	51.2	49.7	50	ND	102	99	75-125	3.06	20

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010636
Date Prepared:	10/28/2020	**BatchID:**	208237
Date Analyzed:	10/29/2020	**Extraction Method:**	SW3050B
Instrument:	ICP-MS5	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208237 2010636-003AMS/MSD 2010636-003APDS

QC Summary Report for Metals

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Thallium	1	51.6	50.3	50	ND	103	100	75-125	2.74	20
Vanadium	1	114	99.6	50	59.47	110	80	75-125	13.8	20
Zinc	1	614	590	500	66.54	109	105	75-125	3.92	20
Surrogate Recovery										
Terbium	1	508	487	500		102	97	70-130	4.24	20

Analyte	PDS Result	SPK Val	SPKRef Val	PDS %REC	PDS Limits
Barium	600	500	85.05	103	75-125
Lead	66.1	50	14.92	102	75-125

Analyte	DLT Result	DLTRef Val	%D	%D Limit
Antimony	ND<2.50	ND	-	-
Arsenic	6.08	6.161	1.31	-
Barium	83.5	85.05	1.82	-
Beryllium	ND<2.50	ND	-	-
Cadmium	ND<2.50	ND	-	-
Chromium	82.4	78.09	5.52	20
Cobalt	13.8	13.05	5.75	20
Copper	28.3	27.72	2.09	20
Lead	14.8	14.92	0.804	20
Mercury	ND<0.250	0.09300	-	-
Molybdenum	ND<2.50	0.9650	-	-
Nickel	77.8	77.26	0.699	20
Selenium	ND<2.50	ND	-	-
Silver	ND<2.50	ND	-	-
Thallium	ND<2.50	ND	-	-
Vanadium	63.1	59.47	6.10	20
Zinc	66.5	66.54	0.0601	-

%D Control Limit applied to analytes with concentrations greater than 25 times the reporting limits.

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010636
Date Prepared:	10/27/2020	**BatchID:**	208138
Date Analyzed:	10/27/2020 - 10/29/2020	**Extraction Method:**	SW5035
Instrument:	GC19, GC7	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208138

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH(g) (C6-C12)	ND	0.700	1.00	-	-	-
MTBE	ND	0.00400	0.0500	-	-	-
Benzene	ND	0.00300	0.00500	-	-	-
Toluene	ND	0.00200	0.00500	-	-	-
Ethylbenzene	ND	0.00220	0.00500	-	-	-
m,p-Xylene	ND	0.00300	0.0100	-	-	-
o-Xylene	ND	0.00100	0.00500	-	-	-
Surrogate Recovery						
2-Fluorotoluene	0.0981			0.1	98	75-134

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(btex)	0.689	0.670	0.60	115	112	82-118	2.77	20
MTBE	0.0948	0.0961	0.10	95	96	61-119	1.37	20
Benzene	0.113	0.116	0.10	113	117	77-128	3.05	20
Toluene	0.117	0.119	0.10	117	119	74-132	2.09	20
Ethylbenzene	0.114	0.116	0.10	114	116	84-127	1.77	20
m,p-Xylene	0.232	0.232	0.20	116	116	80-120	0.0232	20
o-Xylene	0.114	0.112	0.10	114	112	80-120	1.31	20
Surrogate Recovery								
2-Fluorotoluene	0.110	0.109	0.10	110	109	75-134	1.24	20

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010636
Date Prepared:	10/27/2020	**BatchID:**	208137
Date Analyzed:	10/27/2020 - 10/28/2020	**Extraction Method:**	SW3550B
Instrument:	GC11B, GC39B	**Analytical Method:**	SW8015B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-208137

QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	0.750	1.00	-	-	-
TPH-Motor Oil (C18-C36)	ND	3.90	5.00	-	-	-
Surrogate Recovery						
C9	24.6			25	98	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	38.5	38.5	40	96	96	70-130	0.135	20
Surrogate Recovery								
C9	24.1	23.8	25	96	95	70-130	1.29	20

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 2010636 **ClientCode: TRSJ**

☐ WaterTrax ☐ WriteOn ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☑ Detection Summary ☐ Excel

Report to:
Peter Cusack
Langan
1 Almaden Blvd, Suite 590
San Jose, CA 95113
(407) 494-8451 FAX:

Email: pcusack@Langan.com
cc/3rd Party:
PO:
Project: 770634903; Burlingame Shoreline Park

Bill to:
Accounts Payable
Langan
555 Montgomery St., Suite 1300
San Francisco, CA 94111
Langan_InvoiceCapture@concursolutio

Requested TAT: 5 days;

Date Received: **10/13/2020**
Date Logged: **10/27/2020**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2010636-001	S1-1-1.5	Soil	10/9/2020 08:56	☐	A	A	A	A	A	A	A		A			
2010636-002	S1-2.5-3	Soil	10/9/2020 09:03	☐							A	A				
2010636-003	S1-4.5-5	Soil	10/9/2020 09:07	☐		A	A	A		A	A		A			
2010636-004	S1-9.5-10	Soil	10/9/2020 08:59	☐							A	A				
2010636-005	S1-14.5-15	Soil	10/9/2020 09:04	☐		A	A	A		A	A		A			

Test Legend:

1	8081pcB_ESL_LL_S	2	8260B_Scan-SIM_S	3	8270_SCSM_GPC_S	4	CAM17MS_TTLC_S
5	CARB435_400	6	G-MBTEX_S	7	PRDisposal Fee	8	PRHOLD
9	TPH(DMO)_S	10		11		12	

Project Manager: Angela Rydelius **Prepared by: Nancy Palacios**

The following SampIDs: 001A, 003A, 005A contain testgroup Multi Range_S.

Comments: Samples off HOLD 10/26/2020.

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: LANGAN
Client Contact: Peter Cusack
Contact's Email: pcusack@Langan.com

Project: 770634903; Burlingame Shoreline Park
Comments: Samples off HOLD 10/26/2020.

Work Order: 2010636
QC Level: LEVEL 2
Date Logged: 10/13/2020

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	DryWeight	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2010636-001A	S1-1-1.5	Soil	Multi-Range TPH	1	Stainless Steel tube 2"x6"	☐	10/9/2020 8:56	5 days		☐	
			Asbestos, CARB 435, 400 Point			☐		5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	
			SW8260B (VOCs, Scan- SIM)			☐		5 days		☐	
			SW8081A/8082 (OC Pesticides+PCBs) ESLs			☐		5 days		☐	
2010636-003A	S1-4.5-5	Soil	Multi-Range TPH	1	Stainless Steel tube 2"x6"	☐	10/9/2020 9:07	5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	
			SW8260B (VOCs, Scan- SIM)			☐		5 days		☐	
2010636-005A	S1-14.5-15	Soil	Multi-Range TPH	1	Stainless Steel tube 2"x6"	☐	10/9/2020 9:04	5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	
			SW8260B (VOCs, Scan- SIM)			☐		5 days		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

14467

LANGAN

CHAIN OF CUSTODY RECORD

☐ 555 Montgomery Street, Suite 1300, San Francisco, CA 94111
☐ 501 14th Street, Third Floor, Oakland, CA 94612
☐ 3320 Data Drive, Suite 350, Rancho Cordova, CA 95670-7982
☑ 1 Almaden Boulevard, Suite 590, San Jose, CA 95113

2010636

Site Name: ~~77#634902~~ BURLINGAME SHORELINE PARK

Job Number: 77#634903

Project Manager\Contact: PETER CUSACK

Samplers: JOELLE ARAKAKI

Recorder (Signature Required):

Turnaround Time: STD

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Water	Air	Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice			Analysis Requested: Meth Range	VOCs	SVOCs	PCBs	OCPs	CAM17	Asbestos CARB								Silica gel clean-up	Hold	Remarks
S1-1-1.5	10/09/20	8:56		X							X			X	X	X	X	X	X	X								X	
S1-2.5-3	↓	9:03		X							X																	X	
S1-4.5-5		9:07		X							X			X	X	X			X									X	
S1-9.5-10		8:59		X							X																	X	
S1-14.5-15		9:04		X							X			X	X	X			X									X	

Relinquished by: (Signature)	Date:	Time	Received by: (Signature)	Date	Time
	10/13/2020	1611		10/13/20	1611
Relinquished by: (Signature)	Date:	Time	Received by: (Signature)	Date	Time
	10/13	1252	Nancy Palacio	10/13/20	1252
Relinquished by: (Signature)	Date:	Time	Received by Lab: (Signature)	Date	Time

Sent to Laboratory (Name):

Laboratory Comments/Notes: OFF HOLD 10/26/2020

Method of Shipment: ☐ Lab courier ☐ Fed Ex ☐ Airborne ☐ UPS ☐ Hand Carried ☐ Private Courier (Co. Name)

White Copy - Original Yellow Copy - Laboratory Pink Copy - Field

COC Number: 1.4 WG

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Sample Receipt Checklist

Client Name: **Langan**
Project: **770634903; Burlingame Shoreline Park**

WorkOrder №: **2010636** Matrix: Soil
Carrier: Laurie Moore (MAI Courier)

Date and Time Received: **10/13/2020 12:52**
Date Logged: **10/27/2020**
Received by: Nancy Palacios
Logged by: Nancy Palacios

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☑	No	☐		
COC agrees with Quote?	Yes	☑	No	☐	NA	☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA	☑
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 1.4°C				NA	☐
Water - VOA vials have zero headspace / no bubbles?	Yes	☐	No	☐	NA	☑
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 218.7: >8)?	Yes	☐	No	☐	NA	☑
UCMR Samples:						
pH tested and acceptable upon receipt (200.8: ≤2; 525.3: ≤4; 530: ≤7; 541: <3; 544: <6.5 & 7.5)?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L)?	Yes	☐	No	☐	NA	☑

Comments: Method SW8021B/8015Bm (G/MBTEX), Method SW8015B (Diesel & Motor Oil), Method SW8260B (VOCs, Scan- SIM), Method SW8081A/8082 (OC Pesticides+PCBs) ESLs & Method SW8270C (Low Level SVOCs) with GPC Cleanup were setup past their 14-day holding time.

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Analytical Report

WorkOrder: 2010636 A

Report Created for: Langan

1 Almaden Blvd, Suite 590
San Jose, CA 95113

Project Contact: Peter Cusack
Project P.O.:
Project: 770634903; Burlingame Shoreline Park

Project Received: 10/13/2020

Analytical Report reviewed & approved for release on 12/11/2020 by:

Yen Cao
Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in a case narrative.

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Glossary of Terms & Qualifier Definitions

Client: Langan
Project: 770634903; Burlingame Shoreline Park
WorkOrder: 2010636 A

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TZA	TimeZone Net Adjustment for sample collected outside of MAI's UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Analytical Report

Client:	Langan	**WorkOrder:**	2010636
Date Received:	10/13/2020 12:52	**Extraction Method:**	CA Title 22
Date Prepared:	12/08/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/L

Metals (STLC)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-14.5-15	**2010636-005A**	**Soil**	**10/09/2020 09:04**	**ICP-MS5 298SMPL.d**	**210863**

Analytes	Result	RL	DF	Date Analyzed
Cadmium	ND	0.050	1	12/10/2020 21:41

Analyst(s): DB

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Analytical Report

Client:	Langan	**WorkOrder:**	2010636
Date Received:	10/13/2020 12:52	**Extraction Method:**	CA Title 22
Date Prepared:	12/08/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/L

Metals (STLC)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-1-1.5	**2010636-001A**	**Soil**	**10/09/2020 08:56**	**ICP-MS4 354SMPL.d**	**210863**

Analytes	Result	RL	DF	Date Analyzed
Lead	**5.0**	0.10	1	12/11/2020 01:06

Analyst(s): WV

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Analytical Report

Client:	Langan	**WorkOrder:**	2010636
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW1311/SW3010
Date Prepared:	12/08/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/L

Metals (TCLP)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-1-1.5	2010636-001A	Soil	10/09/2020 08:56	ICP-MS4 114SMPL.d	210861

Analytes	Result	RL	DF	Date Analyzed
Lead	ND	0.10	1	12/10/2020 09:30

Analyst(s): JAG

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010636
Date Prepared:	12/08/2020	**BatchID:**	210863
Date Analyzed:	12/10/2020 - 12/11/2020	**Extraction Method:**	CA Title 22
Instrument:	ICP-MS4	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/L
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-210863 2010636-001AMS/MSD

QC Summary Report for Metals (STLC)

Analyte	MB Result	MDL	RL			
Cadmium	ND	0.0500	0.0500	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Cadmium	9.03	9.15	10	90	92	75-125	1.32	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Cadmium	1	9.15	9.40	10	ND	91	94	75-125	2.78	20

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010636
Date Prepared:	12/08/2020	**BatchID:**	210863
Date Analyzed:	12/10/2020 - 12/11/2020	**Extraction Method:**	CA Title 22
Instrument:	ICP-MS4	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/L
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-210863 2010636-001AMS/MSD

QC Summary Report for Metals (STLC)

Analyte	MB Result	MDL	RL			
Lead	ND	0.100	0.100	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Lead	9.54	9.38	10	95	94	75-125	1.65	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Lead	1	14.6	14.7	10	4.959	97	98	75-125	0.469	20

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010636
Date Prepared:	12/08/2020	**BatchID:**	210861
Date Analyzed:	12/10/2020	**Extraction Method:**	SW1311/SW3010
Instrument:	ICP-MS4	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/L
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-210861 2010636-001AMS/MSD

QC Summary Report for Metals (TCLP)

Analyte	MB Result	MDL	RL			
Lead	ND	0.100	0.100	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Lead	10.4	10.9	10	104	109	75-125	3.83	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Lead	1	10.7	10.8	10	ND	107	109	75-125	1.18	20

Analyte	DLT Result	DLTRef Val	%D	%D Limit
Lead	ND<0.500	ND	-	-

%D Control Limit applied to analytes with concentrations greater than 25 times the reporting limits.

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(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2010636 A **ClientCode: TRSJ**

☐ WaterTrax ☐ WriteOn ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☑ Detection Summary ☐ Excel

Report to:
Peter Cusack
Langan
1 Almaden Blvd, Suite 590
San Jose, CA 95113
(407) 494-8451 FAX:

Email: pcusack@Langan.com
cc/3rd Party:
PO:
Project: 770634903; Burlingame Shoreline Park

Bill to:
Accounts Payable
Langan
555 Montgomery St., Suite 1300
San Francisco, CA 94111
Langan_InvoiceCapture@concursolutio

Requested TAT: 5 days;

Date Received: **10/13/2020**
Date Logged: **10/27/2020**
Date Add-On: **12/04/2020**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
2010636-001	S1-1-1.5	Soil	10/9/2020 08:56	☐		A	A									
2010636-005	S1-14.5-15	Soil	10/9/2020 09:04	☐	A											

Test Legend:

1	METALSMS_STLC_S	2	PBMS_STLC_S	3	PBMS_TCLP_S	4	
5		6		7		8	
9		10		11		12	

Project Manager: Angela Rydelius

Prepared by: Nancy Palacios

Add-On Prepared By: Maria Venegas

Comments: Samples off HOLD 10/26/2020. STLC & TCLP added 12/4/2020 STAT.

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: LANGAN
Client Contact: Peter Cusack
Contact's Email pcusack@Langan.com

Project: 770634903; Burlingame Shoreline Park
Comments: Samples off HOLD 10/26/2020. STLC & TCLP added 12/4/2020 STAT.

Work Order: 2010636
QC Level: LEVEL 2
Date Logged: 10/13/2020
Date Add-On: 12/4/2020

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2010636-001A	S1-1-1.5	Soil	SW6020 (Lead) (TCLP)	1	Stainless Steel tube 2"x6"	10/9/2020 8:56	5 days*		☐	
			SW6020 (Lead) (STLC)				5 days*		☐	
2010636-005A	S1-14.5-15	Soil	SW6020 (Metals) (STLC) <Cadmium>	1	Stainless Steel tube 2"x6"	10/9/2020 9:04	5 days*		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

14467

LANGAN

CHAIN OF CUSTODY RECORD

- [ ] 555 Montgomery Street, Suite 1300, San Francisco, CA 94111
- [ ] 501 14th Street, Third Floor, Oakland, CA 94612
- [ ] 3320 Data Drive, Suite 350, Rancho Cordova, CA 95670-7982
- [x] 1 Almaden Boulevard, Suite 590, San Jose, CA 95113

2a

Site Name: ~~77063903~~ BURLINGAME SHORELINE PARK

Job Number: 77063903

2010636

Project Manager\Contact: PETER CUSACK

Samplers: JOELLE ARAKAKI

Recorder (Signature Required):

Turnaround Time: STD

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Water	Air	Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice	Analysis Requested: Multi Range	Vocs	SVOCs	PCBs	OCPs	CAM17	Asbestos CARB	TCLP Pb	STLC Pb	STLC Cd			Silica gel clean-up	Hold	Remarks
S1-1-1.5	10/9/20	8:56		X							X	X	X	X	X	X	X	X	X	X				X	
S1-2.5-3	↓	9:03		X							X													X	
S1-4.5-5		9:07		X							X	X	X	X			X							X	
S1-9.5-10		8:59		X							X													X	
S1-14.5-15	↓	9:04		X							X	X	X	X			X				X			X	

Relinquished by: (Signature)	Date: 10/13/2020	Time 1611	Received by: (Signature)	Date 10/13/20 Time 1615
Relinquished by: (Signature)	Date: 10/13	Time 1252	Received by: (Signature) Nancy Palacio	Date 10/13/20 Time 1252
Relinquished by: (Signature)	Date:	Time	Received by Lab: (Signature)	Date Time

Sent to Laboratory (Name):

Laboratory Comments/Notes: OFF HOLD 10/26/2020 Added 12/4/2020 STAT

Method of Shipment: [ ] Lab courier [ ] Fed Ex [ ] Airborne [ ] UPS [ ] Hand Carried [ ] Private Courier (Co. Name)

White Copy - Original Yellow Copy - Laboratory Pink Copy - Field

COC Number: 1.4 WC

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2010637 A

Report Created for: Langan

1 Almaden Blvd, Suite 590
San Jose, CA 95113

Project Contact: Peter Cusack
Project P.O.:
Project: 770634903; Burlingame Shoreline Park

Project Received: 10/13/2020

Analytical Report reviewed & approved for release on 12/11/2020 by:

Jennifer Lagerbom
Project Manager

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Glossary of Terms & Qualifier Definitions

Client: Langan
Project: 770634903; Burlingame Shoreline Park
WorkOrder: 2010637 A

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TZA	TimeZone Net Adjustment for sample collected outside of MAI's UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW1311/SW3010
Date Prepared:	12/08/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/L

Metals (TCLP)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-2.5-3	2010637-007A	Soil	10/12/2020 09:17	ICP-MS4 122SMPL.d	210861

Analytes	Result	RL	DF	Date Analyzed
Chromium	ND	0.10	1	12/10/2020 09:59

Analyst(s): JAG

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	CA Title 22
Date Prepared:	12/08/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/L

Metals (STLC)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-2.5-3	**2010637-007A**	**Soil**	**10/12/2020 09:17**	**ICP-MS5 299SMPL.d**	**210863**

Analytes	Result	RL	DF	Date Analyzed
Chromium	**0.93**	0.10	1	12/10/2020 21:44
Nickel	**5.1**	0.10	1	12/10/2020 21:44

Analyst(s): DB

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	CA Title 22
Date Prepared:	12/08/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/L

Metals (STLC)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-2.5-3	2010637-012A	Soil	10/12/2020 10:07	ICP-MS5 300SMPL.d	210863

Analytes	Result	RL	DF	Date Analyzed
Lead	**5.3**	0.10	1	12/10/2020 21:48

Analyst(s): DB

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-4.5-5	2010637-013A	Soil	10/12/2020 10:05	ICP-MS5 297SMPL.d	210863

Analytes	Result	RL	DF	Date Analyzed
Lead	**2.0**	0.10	1	12/10/2020 21:37

Analyst(s): DB

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-9.5-10	2010637-019A	Soil	10/12/2020 10:59	ICP-MS5 301SMPL.d	210863

Analytes	Result	RL	DF	Date Analyzed
Lead	**6.2**	0.10	1	12/10/2020 21:51

Analyst(s): DB

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-2.5-3	2010637-022A	Soil	10/12/2020 11:51	ICP-MS5 302SMPL.d	210863

Analytes	Result	RL	DF	Date Analyzed
Lead	**3.4**	0.10	1	12/10/2020 21:54

Analyst(s): DB

(Cont.)

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	CA Title 22
Date Prepared:	12/08/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/L

Metals (STLC)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-1-1.5	**2010637-026A**	**Soil**	**10/12/2020 12:15**	**ICP-MS5 303SMPL.d**	**210863**

Analytes	Result	RL	DF	Date Analyzed
Lead	**4.8**	0.10	1	12/10/2020 21:58

Analyst(s): DB

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW1311/SW3010
Date Prepared:	12/08/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/L

Metals (TCLP)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-2.5-3	2010637-012A	Soil	10/12/2020 10:07	ICP-MS4 123SMPL.d	210861

Analytes	Result	RL	DF	Date Analyzed
Lead	**0.96**	0.10	1	12/10/2020 10:02

Analyst(s): JAG

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-4.5-5	2010637-013A	Soil	10/12/2020 10:05	ICP-MS4 124SMPL.d	210861

Analytes	Result	RL	DF	Date Analyzed
Lead	ND	0.10	1	12/10/2020 10:06

Analyst(s): JAG

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S5-9.5-10	2010637-019A	Soil	10/12/2020 10:59	ICP-MS4 125SMPL.d	210861

Analytes	Result	RL	DF	Date Analyzed
Lead	**0.46**	0.10	1	12/10/2020 10:09

Analyst(s): JAG

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S7-2.5-3	2010637-022A	Soil	10/12/2020 11:51	ICP-MS4 126SMPL.d	210861

Analytes	Result	RL	DF	Date Analyzed
Lead	ND	0.10	1	12/10/2020 10:13

Analyst(s): JAG

(Cont.)

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Analytical Report

Client:	Langan	**WorkOrder:**	2010637
Date Received:	10/13/2020 12:52	**Extraction Method:**	SW1311/SW3010
Date Prepared:	12/08/2020	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/L

Metals (TCLP)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S6-1-1.5	**2010637-026A**	**Soil**	**10/12/2020 12:15**	**ICP-MS4 127SMPL.d**	**210861**

Analytes	Result	RL	DF	Date Analyzed
Lead	**0.20**	0.10	1	12/10/2020 10:17

Analyst(s): JAG

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	12/08/2020	**BatchID:**	210861
Date Analyzed:	12/10/2020	**Extraction Method:**	SW1311/SW3010
Instrument:	ICP-MS4	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/L
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-210861

QC Summary Report for Metals (TCLP)

Analyte	MB Result	MDL	RL			
Chromium	ND	0.100	0.100	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Chromium	9.59	9.69	10	96	97	75-125	1.10	20

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	12/08/2020	**BatchID:**	210863
Date Analyzed:	12/10/2020	**Extraction Method:**	CA Title 22
Instrument:	ICP-MS4	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/L
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-210863

QC Summary Report for Metals (STLC)

Analyte	MB Result	MDL	RL			
Chromium	ND	0.100	0.100	-	-	-
Nickel	ND	0.100	0.100	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Chromium	9.08	9.13	10	91	91	75-125	0.564	20
Nickel	9.36	9.46	10	94	95	75-125	1.00	20

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	12/08/2020	**BatchID:**	210863
Date Analyzed:	12/10/2020	**Extraction Method:**	CA Title 22
Instrument:	ICP-MS4	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/L
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-210863

QC Summary Report for Metals (STLC)

Analyte	MB Result	MDL	RL			
Lead	ND	0.100	0.100	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Lead	9.54	9.38	10	95	94	75-125	1.65	20

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Quality Control Report

Client:	Langan	**WorkOrder:**	2010637
Date Prepared:	12/08/2020	**BatchID:**	210861
Date Analyzed:	12/10/2020	**Extraction Method:**	SW1311/SW3010
Instrument:	ICP-MS4	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/L
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-210861

QC Summary Report for Metals (TCLP)

Analyte	MB Result	MDL	RL			
Lead	ND	0.100	0.100	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Lead	10.4	10.9	10	104	109	75-125	3.83	20

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 2010637 A **ClientCode: TRSJ**

☐ WaterTrax ☐ WriteOn ☐ EDF ☒ EQuIS ☒ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☒ Detection Summary ☐ Excel

Report to:
Peter Cusack
Langan
1 Almaden Blvd, Suite 590
San Jose, CA 95113
(407) 494-8451 FAX:

Email: pcusack@Langan.com
cc/3rd Party:
PO:
Project: 770634903; Burlingame Shoreline Park

Bill to:
Accounts Payable
Langan
555 Montgomery St., Suite 1300
San Francisco, CA 94111
Langan_InvoiceCapture@concursolutio

Requested TAT: 5 days;

Date Received: **10/13/2020**
Date Logged: **10/27/2020**
Date Add-On: **12/04/2020**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2010637-007	S3-2.5-3	Soil	10/12/2020 09:17	☐	A	A										
2010637-012	S4-2.5-3	Soil	10/12/2020 10:07	☐			A	A								
2010637-013	S4-4.5-5	Soil	10/12/2020 10:05	☐			A	A								
2010637-019	S5-9.5-10	Soil	10/12/2020 10:59	☐			A	A								
2010637-022	S7-2.5-3	Soil	10/12/2020 11:51	☐			A	A								
2010637-026	S6-1-1.5	Soil	10/12/2020 12:15	☐			A	A								

Test Legend:

1	CRMS_TCLP_S	2	METALSMS_STLC_S	3	PBMS_STLC_S	4	PBMS_TCLP_S
5		6		7		8	
9		10		11		12	

Project Manager: Angela Rydelius

Prepared by: Nancy Palacios

Add-On Prepared By: Maria Venegas

Comments: Samples off HOLD 10/26/2020. STLCs & TCLPs added 12/4/2020 STAT.

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: LANGAN
Client Contact: Peter Cusack
Contact's Email pcusack@Langan.com

Project: 770634903; Burlingame Shoreline Park
Comments: Samples off HOLD 10/26/2020. STLCs & TCLPs added 12/4/2020 STAT.

Work Order: 2010637
QC Level: LEVEL 2
Date Logged: 10/13/2020
Date Add-On: 12/4/2020

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2010637-007A	S3-2.5-3	Soil	SW6020 (Metals) (STLC) <Chromium, Nickel>	1	Stainless Steel tube 2"x6"	10/12/2020 9:17	5 days*		☐	
			SW6020 (Chromium) (TCLP)				5 days*		☐	
2010637-012A	S4-2.5-3	Soil	SW6020 (Lead) (TCLP)	1	Stainless Steel tube 2"x6"	10/12/2020 10:07	5 days*		☐	
			SW6020 (Lead) (STLC)				5 days*		☐	
2010637-013A	S4-4.5-5	Soil	SW6020 (Lead) (TCLP)	1	Stainless Steel tube 2"x6"	10/12/2020 10:05	5 days*		☐	
			SW6020 (Lead) (STLC)				5 days*		☐	
2010637-019A	S5-9.5-10	Soil	SW6020 (Lead) (TCLP)	1	Stainless Steel tube 2"x6"	10/12/2020 10:59	5 days*		☐	
			SW6020 (Lead) (STLC)				5 days*		☐	
2010637-022A	S7-2.5-3	Soil	SW6020 (Lead) (TCLP)	1	Stainless Steel tube 2"x6"	10/12/2020 11:51	5 days*		☐	
			SW6020 (Lead) (STLC)				5 days*		☐	
2010637-026A	S6-1-1.5	Soil	SW6020 (Lead) (TCLP)	1	Stainless Steel tube 2"x6"	10/12/2020 12:15	5 days*		☐	
			SW6020 (Lead) (STLC)				5 days*		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

14468

LANGAN

CHAIN OF CUSTODY RECORD

2010637

555 Montgomery Street, Suite 1300, San Francisco, CA 94111
501 14th Street, Third Floor, Oakland, CA 94612
☑ 3320 Data Drive, Suite 350, Rancho Cordova, CA 95670-7982
1 Almaden Boulevard, Suite 590, San Jose, CA 95113

Site Name: BURLINGAME SHOOTING PARK
Job Number: 770634903
Project Manager\Contact: PETER CUSACK
Samplers: JOELLE ARAKAKI
Recorder (Signature Required):

Turnaround Time: STANDARD

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Water	Air	Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice		Analysis Requested: Multi Range	VOCs	SVOCs	PCBs	OCPs	CAM17	Asbestos (CARB)	STLC Cr	TCLP Cr	STLC Pb	STLC Ni	TCLP Pb	Silica gel clean-up	Hold	Remarks
S2-1-1.5	10/12/20	8:15		X									X	X	X	X	X	X								X	
S2-2.5-3		8:18		X									X	X	X			X								X	
S2-4.5-5		8:24		X																						X	
S2-9.5-10		8:25		X																						X	
S2-14.5-15		8:26		X									X	X	X			X	X							X	
S3-1-1.5		9:16		X									X	X	X	X	X	X								X	
S3-2.5-3		9:17		X									X	X	X			X		X	X		X			X	
S3-4.5-5		9:19		X																						X	
S3-9.5-10		9:22		X									X	X	X			X								X	
S3-14.5-15		9:25		X																						X	
S4-1-1.5		10:04		X									X	X	X	X	X	X								X	
S4-2.5-3		10:07		X									X	X	X			X				X		X		X	
S4-4.5-5		10:05		X									X	X	X			X				X		X		X	
S4-9.5-10	↓	10:09		X																						X	

Relinquished by: (Signature)	Date: 10/13/2020	Time 1011	Received by: (Signature)	Date 10/13/20 Time 1011
Relinquished by: (Signature)	Date: 10/13/20	Time 1252	Received by: (Signature)	Date 10/13/20 Time 1252
Relinquished by: (Signature)	Date:	Time	Received by Lab: (Signature)	Date Time

Sent to Laboratory (Name):
Laboratory Comments/Notes: Off HOLD 10/26/2020 Added 12/4/2020 STAT

Method of Shipment: ☐ Lab courier ☐ Fed Ex ☐ Airborne ☐ UPS ☐ Hand Carried ☐ Private Courier (Co. Name)

White Copy - Original Yellow Copy - Laboratory Pink Copy - Field

COC Number: 1.4 MCP

14001

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CHAIN OF CUSTODY RECORD

2010637

555 Montgomery Street, Suite 1300, San Francisco, CA 94111
501 14th Street, Third Floor, Oakland, CA 94612
3320 Data Drive, Suite 350, Rancho Cordova, CA 95670-7982
☑ 1 Almaden Boulevard, Suite 590, San Jose, CA 95113

Site Name: BURLINGAME SHORELINE PARK
Job Number: 778 634983
Project Manager\Contact: PETER CUSACK
Samplers: JOELLE ARAKAKI
Recorder (Signature Required):

Turnaround Time: STANDARD

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Water	Air	Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice			Analysis Requested: Multi Range	VOCs	SVOCs	PCBs	OCPs	CAM17	Asbestos CARB	STLC Pb	TCLP Pb				Silica gel clean-up	Hold	Remarks
S4-14.5-15	10/12/20	10:10		X																						X	
S5-1-1.5		10:42		X										X	X	X	X	X	X							X	
S5-2.5-3		10:43		X										X	X	X			X							X	
S5-4.5-5		10:51		X																						X	
S5-9.5-10		10:59		X										X	X	X			X	X	X	X				X	
S5-14.5-15		11:01		X																						X	
S7-1-1.5		11:50		X										X	X	X	X	X	X							X	
S7-2.5-3		11:51		X										X	X	X			X		X	X				X	
S7-4.5-5		11:52		X										X	X	X			X							X	
S7-9.5-10		11:53		X																						X	
S7-14.5-15		11:54		X																						X	
S6-1-1.5		12:15		X										X	X	X	X	X	X		X	X				X	
S6-2.5-3		12:22		X										X	X	X			X							X	
S6-4.5-5		12:27		X																						X	

Relinquished by: (Signature)	Date:	Time	Received by: (Signature)	Date	Time
Emily Hammitt	10/13/2020	1011	L Mon	10/13/20	1011
L Mon	10/13	1252	Nancy Palacios	10/13/20	1252
			Received by Lab: (Signature)	Date	Time

Sent to Laboratory (Name):
Laboratory Comments/Notes:

Method of Shipment: ☐ Lab courier ☐ Fed Ex ☐ Airborne ☐ UPS ☐ Hand Carried ☐ Private Courier (Co. Name)

White Copy - Original Yellow Copy - Laboratory Pink Copy - Field COC Number:

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2208F40

Report Created for: Langan

1 Almaden Blvd, Suite 590
San Jose, CA 95113

Project Contact: Peter Cusack
Project P.O.:
Project: 770634903; Burlingame Shoreline Park

Project Received: 08/22/2022

Analytical Report reviewed & approved for release on 08/31/2022 by:

Christine Askari
Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in a case narrative.

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Glossary of Terms & Qualifier Definitions

Client: Langan **WorkOrder:** 2208F40

Project: 770634903; Burlingame Shoreline Park

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TZA	TimeZone Net Adjustment for sample collected outside of MAI's UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Glossary of Terms & Qualifier Definitions

Client: Langan **WorkOrder:** 2208F40

Project: 770634903; Burlingame Shoreline Park

Analytical Qualifiers

J	Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.
P	Agreement between the quantitative dual-column confirmation results exceed method recommended limits of 40% RPD. The lowest concentration is reported.
S	Surrogate recovery outside accepted recovery limits.
a2	Sample diluted due to cluttered chromatogram.
a3	Sample diluted due to high organic content interfering with quantitative/or qualitative analysis.
c1	Surrogate recovery outside of the control limits due to the dilution of the sample.
c2	Surrogate recovery outside of the control limits due to suspected matrix interference.
c12	Surrogate recovery outside of the control limits
d7	Strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram
d9	No recognizable pattern
e2	Diesel range compounds are detected; no recognizable pattern
e7	Oil range compounds are detected.
h7	Copper (EPA 3660B) cleanup
k10	CARB 435 Exception 1 - No asbestos detected. The limit of quantitation (LOQ) = 0.25%.

Quality Control Qualifiers

F10	MS/MSD outside control limits. Physical or chemical interferences exist due to sample matrix.

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	08/23/2022-08/26/2022	**Analytical Method:**	SW8081A
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Organochlorine Pesticides w/ Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-1-3-6A,B	2208F40-042A	Soil	08/18/2022 09:45	GC40 08252260.d	252435

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Aldrin	ND		0.00020	2	08/25/2022 23:56
a-BHC	ND		0.00020	2	08/25/2022 23:56
b-BHC	ND		0.00060	2	08/25/2022 23:56
d-BHC	ND		0.00040	2	08/25/2022 23:56
g-BHC	ND		0.00020	2	08/25/2022 23:56
Chlordane (Technical)	ND		0.0050	2	08/25/2022 23:56
a-Chlordane	**0.00094**	P	0.00020	2	08/25/2022 23:56
g-Chlordane	**0.00069**		0.00020	2	08/25/2022 23:56
p,p-DDD	**0.00027**	P	0.00020	2	08/25/2022 23:56
p,p-DDE	**0.00044**	P	0.00020	2	08/25/2022 23:56
p,p-DDT	**0.00027**		0.00020	2	08/25/2022 23:56
Dieldrin	ND		0.00020	2	08/25/2022 23:56
Endosulfan I	ND		0.00020	2	08/25/2022 23:56
Endosulfan II	ND		0.00020	2	08/25/2022 23:56
Endosulfan sulfate	ND		0.00020	2	08/25/2022 23:56
Endrin	ND		0.00020	2	08/25/2022 23:56
Endrin aldehyde	ND		0.00020	2	08/25/2022 23:56
Endrin ketone	ND		0.00020	2	08/25/2022 23:56
Heptachlor	ND		0.00020	2	08/25/2022 23:56
Heptachlor epoxide	ND		0.00020	2	08/25/2022 23:56
Hexachlorobenzene	ND		0.0020	2	08/25/2022 23:56
Hexachlorocyclopentadiene	ND		0.0040	2	08/25/2022 23:56
Methoxychlor	ND		0.00040	2	08/25/2022 23:56
Toxaphene	ND		0.010	2	08/25/2022 23:56

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	103	20-145	08/25/2022 23:56

Analyst(s): KVE

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	08/23/2022-08/26/2022	**Analytical Method:**	SW8081A
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Organochlorine Pesticides w/ Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-1-6-9A,B	2208F40-043A	Soil	08/18/2022 09:55	GC40 08312230.d	252754

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.0010	10	08/31/2022 13:53
a-BHC	ND	0.0010	10	08/31/2022 13:53
b-BHC	ND	0.0030	10	08/31/2022 13:53
d-BHC	ND	0.0020	10	08/31/2022 13:53
g-BHC	ND	0.0010	10	08/31/2022 13:53
Chlordane (Technical)	ND	0.025	10	08/31/2022 13:53
a-Chlordane	ND	0.0010	10	08/31/2022 13:53
g-Chlordane	ND	0.0010	10	08/31/2022 13:53
p,p-DDD	ND	0.0010	10	08/31/2022 13:53
p,p-DDE	ND	0.0010	10	08/31/2022 13:53
p,p-DDT	ND	0.0010	10	08/31/2022 13:53
Dieldrin	ND	0.0010	10	08/31/2022 13:53
Endosulfan I	ND	0.0010	10	08/31/2022 13:53
Endosulfan II	ND	0.0010	10	08/31/2022 13:53
Endosulfan sulfate	ND	0.0010	10	08/31/2022 13:53
Endrin	ND	0.0010	10	08/31/2022 13:53
Endrin aldehyde	ND	0.0010	10	08/31/2022 13:53
Endrin ketone	ND	0.0010	10	08/31/2022 13:53
Heptachlor	ND	0.0010	10	08/31/2022 13:53
Heptachlor epoxide	ND	0.0010	10	08/31/2022 13:53
Hexachlorobenzene	ND	0.010	10	08/31/2022 13:53
Hexachlorocyclopentadiene	ND	0.020	10	08/31/2022 13:53
Methoxychlor	ND	0.0020	10	08/31/2022 13:53
Toxaphene	ND	0.050	10	08/31/2022 13:53

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	101	20-145	08/31/2022 13:53

Analyst(s): CN Analytical Comments: h7,a2

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	08/23/2022-08/26/2022	**Analytical Method:**	SW8081A
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Organochlorine Pesticides w/ Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-2-3-6A,B	2208F40-044A	Soil	08/18/2022 10:25	GC40 08312236.d	252754

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.0050	50	08/31/2022 15:17
a-BHC	ND	0.0050	50	08/31/2022 15:17
b-BHC	ND	0.015	50	08/31/2022 15:17
d-BHC	ND	0.010	50	08/31/2022 15:17
g-BHC	ND	0.0050	50	08/31/2022 15:17
Chlordane (Technical)	ND	0.12	50	08/31/2022 15:17
a-Chlordane	ND	0.0050	50	08/31/2022 15:17
g-Chlordane	ND	0.0050	50	08/31/2022 15:17
p,p-DDD	ND	0.0050	50	08/31/2022 15:17
p,p-DDE	ND	0.0050	50	08/31/2022 15:17
p,p-DDT	ND	0.0050	50	08/31/2022 15:17
Dieldrin	ND	0.0050	50	08/31/2022 15:17
Endosulfan I	ND	0.0050	50	08/31/2022 15:17
Endosulfan II	ND	0.0050	50	08/31/2022 15:17
Endosulfan sulfate	ND	0.0050	50	08/31/2022 15:17
Endrin	ND	0.0050	50	08/31/2022 15:17
Endrin aldehyde	ND	0.0050	50	08/31/2022 15:17
Endrin ketone	ND	0.0050	50	08/31/2022 15:17
Heptachlor	ND	0.0050	50	08/31/2022 15:17
Heptachlor epoxide	ND	0.0050	50	08/31/2022 15:17
Hexachlorobenzene	ND	0.050	50	08/31/2022 15:17
Hexachlorocyclopentadiene	ND	0.10	50	08/31/2022 15:17
Methoxychlor	ND	0.010	50	08/31/2022 15:17
Toxaphene	ND	0.25	50	08/31/2022 15:17

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	138	20-145	08/31/2022 15:17

Analyst(s): CN Analytical Comments: h7,a2

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	08/23/2022-08/26/2022	**Analytical Method:**	SW8081A
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Organochlorine Pesticides w/ Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-2-6-9A,B	2208F40-045A	Soil	08/18/2022 10:28	GC40 08312232.d	252754

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.0020	20	08/31/2022 14:21
a-BHC	ND	0.0020	20	08/31/2022 14:21
b-BHC	ND	0.0060	20	08/31/2022 14:21
d-BHC	ND	0.0040	20	08/31/2022 14:21
g-BHC	ND	0.0020	20	08/31/2022 14:21
Chlordane (Technical)	ND	0.050	20	08/31/2022 14:21
a-Chlordane	ND	0.0020	20	08/31/2022 14:21
g-Chlordane	ND	0.0020	20	08/31/2022 14:21
p,p-DDD	ND	0.0020	20	08/31/2022 14:21
p,p-DDE	ND	0.0020	20	08/31/2022 14:21
p,p-DDT	ND	0.0020	20	08/31/2022 14:21
Dieldrin	ND	0.0020	20	08/31/2022 14:21
Endosulfan I	ND	0.0020	20	08/31/2022 14:21
Endosulfan II	ND	0.0020	20	08/31/2022 14:21
Endosulfan sulfate	ND	0.0020	20	08/31/2022 14:21
Endrin	ND	0.0020	20	08/31/2022 14:21
Endrin aldehyde	ND	0.0020	20	08/31/2022 14:21
Endrin ketone	ND	0.0020	20	08/31/2022 14:21
Heptachlor	ND	0.0020	20	08/31/2022 14:21
Heptachlor epoxide	ND	0.0020	20	08/31/2022 14:21
Hexachlorobenzene	ND	0.020	20	08/31/2022 14:21
Hexachlorocyclopentadiene	ND	0.040	20	08/31/2022 14:21
Methoxychlor	ND	0.0040	20	08/31/2022 14:21
Toxaphene	ND	0.10	20	08/31/2022 14:21

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	100	20-145	08/31/2022 14:21

Analyst(s): CN Analytical Comments: a2,h7

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	08/23/2022-08/26/2022	**Analytical Method:**	SW8081A
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Organochlorine Pesticides w/ Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-3-3-6A,B	2208F40-046A	Soil	08/18/2022 10:40	GC40 08312208.d	252754

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00050	5	08/31/2022 08:38
a-BHC	ND	0.00050	5	08/31/2022 08:38
b-BHC	ND	0.0015	5	08/31/2022 08:38
d-BHC	ND	0.0010	5	08/31/2022 08:38
g-BHC	ND	0.00050	5	08/31/2022 08:38
Chlordane (Technical)	**0.092**	0.012	5	08/31/2022 08:38
a-Chlordane	**0.0094**	0.00050	5	08/31/2022 08:38
g-Chlordane	**0.013**	0.00050	5	08/31/2022 08:38
p,p-DDD	ND	0.00050	5	08/31/2022 08:38
p,p-DDE	ND	0.00050	5	08/31/2022 08:38
p,p-DDT	ND	0.00050	5	08/31/2022 08:38
Dieldrin	ND	0.00050	5	08/31/2022 08:38
Endosulfan I	ND	0.00050	5	08/31/2022 08:38
Endosulfan II	ND	0.00050	5	08/31/2022 08:38
Endosulfan sulfate	ND	0.00050	5	08/31/2022 08:38
Endrin	ND	0.00050	5	08/31/2022 08:38
Endrin aldehyde	ND	0.00050	5	08/31/2022 08:38
Endrin ketone	ND	0.00050	5	08/31/2022 08:38
Heptachlor	ND	0.00050	5	08/31/2022 08:38
Heptachlor epoxide	ND	0.00050	5	08/31/2022 08:38
Hexachlorobenzene	ND	0.0050	5	08/31/2022 08:38
Hexachlorocyclopentadiene	ND	0.010	5	08/31/2022 08:38
Methoxychlor	ND	0.0010	5	08/31/2022 08:38
Toxaphene	ND	0.025	5	08/31/2022 08:38

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	124	20-145	08/31/2022 08:38

Analyst(s): CN Analytical Comments: h7,a2

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	08/23/2022-08/26/2022	**Analytical Method:**	SW8081A
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Organochlorine Pesticides w/ Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-3-6-9A,B	2208F40-047A	Soil	08/18/2022 10:43	GC40 08312209.d	252754

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.0010	10	08/31/2022 08:52
a-BHC	ND	0.0010	10	08/31/2022 08:52
b-BHC	ND	0.0030	10	08/31/2022 08:52
d-BHC	ND	0.0020	10	08/31/2022 08:52
g-BHC	ND	0.0010	10	08/31/2022 08:52
Chlordane (Technical)	ND	0.025	10	08/31/2022 08:52
a-Chlordane	ND	0.0010	10	08/31/2022 08:52
g-Chlordane	ND	0.0010	10	08/31/2022 08:52
p,p-DDD	**0.0017**	0.0010	10	08/31/2022 08:52
p,p-DDE	ND	0.0010	10	08/31/2022 08:52
p,p-DDT	**0.0016**	0.0010	10	08/31/2022 08:52
Dieldrin	ND	0.0010	10	08/31/2022 08:52
Endosulfan I	ND	0.0010	10	08/31/2022 08:52
Endosulfan II	ND	0.0010	10	08/31/2022 08:52
Endosulfan sulfate	ND	0.0010	10	08/31/2022 08:52
Endrin	ND	0.0010	10	08/31/2022 08:52
Endrin aldehyde	ND	0.0010	10	08/31/2022 08:52
Endrin ketone	ND	0.0010	10	08/31/2022 08:52
Heptachlor	ND	0.0010	10	08/31/2022 08:52
Heptachlor epoxide	ND	0.0010	10	08/31/2022 08:52
Hexachlorobenzene	ND	0.010	10	08/31/2022 08:52
Hexachlorocyclopentadiene	ND	0.020	10	08/31/2022 08:52
Methoxychlor	ND	0.0020	10	08/31/2022 08:52
Toxaphene	ND	0.050	10	08/31/2022 08:52

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	114	20-145	08/31/2022 08:52

Analyst(s): CN Analytical Comments: h7,a2

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW5030B
Date Prepared:	08/22/2022	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-1-3-6A,B	2208F40-042A	Soil	08/18/2022 09:45	GC38 08282211.D	252377

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.20	1	08/28/2022 14:18
tert-Amyl methyl ether (TAME)	ND	0.0050	1	08/28/2022 14:18
Benzene	ND	0.0050	1	08/28/2022 14:18
Bromobenzene	ND	0.0050	1	08/28/2022 14:18
Bromochloromethane	ND	0.0050	1	08/28/2022 14:18
Bromodichloromethane	ND	0.0050	1	08/28/2022 14:18
Bromoform	ND	0.0050	1	08/28/2022 14:18
Bromomethane	ND	0.0050	1	08/28/2022 14:18
2-Butanone (MEK)	ND	0.10	1	08/28/2022 14:18
t-Butyl alcohol (TBA)	ND	0.050	1	08/28/2022 14:18
n-Butyl benzene	ND	0.0050	1	08/28/2022 14:18
sec-Butyl benzene	ND	0.0050	1	08/28/2022 14:18
tert-Butyl benzene	ND	0.0050	1	08/28/2022 14:18
Carbon Disulfide	ND	0.0050	1	08/28/2022 14:18
Carbon Tetrachloride	ND	0.0050	1	08/28/2022 14:18
Chlorobenzene	ND	0.0050	1	08/28/2022 14:18
Chloroethane	ND	0.0050	1	08/28/2022 14:18
Chloroform	ND	0.0050	1	08/28/2022 14:18
Chloromethane	ND	0.0050	1	08/28/2022 14:18
2-Chlorotoluene	ND	0.0050	1	08/28/2022 14:18
4-Chlorotoluene	ND	0.0050	1	08/28/2022 14:18
Dibromochloromethane	ND	0.0050	1	08/28/2022 14:18
1,2-Dibromo-3-chloropropane	ND	0.00050	1	08/28/2022 14:18
1,2-Dibromoethane (EDB)	ND	0.00025	1	08/28/2022 14:18
Dibromomethane	ND	0.0050	1	08/28/2022 14:18
1,2-Dichlorobenzene	ND	0.0050	1	08/28/2022 14:18
1,3-Dichlorobenzene	ND	0.0050	1	08/28/2022 14:18
1,4-Dichlorobenzene	ND	0.0050	1	08/28/2022 14:18
Dichlorodifluoromethane	ND	0.0050	1	08/28/2022 14:18
1,1-Dichloroethane	ND	0.0050	1	08/28/2022 14:18
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	08/28/2022 14:18
1,1-Dichloroethene	ND	0.0050	1	08/28/2022 14:18
cis-1,2-Dichloroethene	**0.0082**	0.0050	1	08/28/2022 14:18
trans-1,2-Dichloroethene	ND	0.0050	1	08/28/2022 14:18
1,2-Dichloropropane	ND	0.0050	1	08/28/2022 14:18
1,3-Dichloropropane	ND	0.0050	1	08/28/2022 14:18
2,2-Dichloropropane	ND	0.0050	1	08/28/2022 14:18

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW5030B
Date Prepared:	08/22/2022	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-1-3-6A,B	**2208F40-042A**	**Soil**	**08/18/2022 09:45**	**GC38 08282211.D**	**252377**

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	08/28/2022 14:18
cis-1,3-Dichloropropene	ND	0.0050	1	08/28/2022 14:18
trans-1,3-Dichloropropene	ND	0.0050	1	08/28/2022 14:18
Diisopropyl ether (DIPE)	ND	0.0050	1	08/28/2022 14:18
Ethylbenzene	ND	0.0050	1	08/28/2022 14:18
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	08/28/2022 14:18
Freon 113	ND	0.0050	1	08/28/2022 14:18
Hexachlorobutadiene	ND	0.0050	1	08/28/2022 14:18
Hexachloroethane	ND	0.0050	1	08/28/2022 14:18
2-Hexanone	ND	0.0050	1	08/28/2022 14:18
Isopropylbenzene	ND	0.0050	1	08/28/2022 14:18
4-Isopropyl toluene	ND	0.0050	1	08/28/2022 14:18
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	08/28/2022 14:18
Methylene chloride	ND	0.020	1	08/28/2022 14:18
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	08/28/2022 14:18
Naphthalene	ND	0.0050	1	08/28/2022 14:18
n-Propyl benzene	ND	0.0050	1	08/28/2022 14:18
Styrene	ND	0.0050	1	08/28/2022 14:18
1,1,1,2-Tetrachloroethane	ND	0.0050	1	08/28/2022 14:18
1,1,2,2-Tetrachloroethane	ND	0.0050	1	08/28/2022 14:18
Tetrachloroethene	ND	0.0050	1	08/28/2022 14:18
Toluene	ND	0.0050	1	08/28/2022 14:18
1,2,3-Trichlorobenzene	ND	0.0050	1	08/28/2022 14:18
1,2,4-Trichlorobenzene	ND	0.0050	1	08/28/2022 14:18
1,1,1-Trichloroethane	ND	0.0050	1	08/28/2022 14:18
1,1,2-Trichloroethane	ND	0.0050	1	08/28/2022 14:18
Trichloroethene	**0.0087**	0.0050	1	08/28/2022 14:18
Trichlorofluoromethane	ND	0.0050	1	08/28/2022 14:18
1,2,3-Trichloropropane	ND	0.00025	1	08/28/2022 14:18
1,2,4-Trimethylbenzene	ND	0.0050	1	08/28/2022 14:18
1,3,5-Trimethylbenzene	ND	0.0050	1	08/28/2022 14:18
Vinyl Chloride	ND	0.00025	1	08/28/2022 14:18
m,p-Xylene	ND	0.0050	1	08/28/2022 14:18
o-Xylene	ND	0.0050	1	08/28/2022 14:18
Xylenes, Total	ND	0.0050	1	08/28/2022 14:18

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW5030B
Date Prepared:	08/22/2022	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-1-3-6A,B	**2208F40-042A**	**Soil**	**08/18/2022 09:45**	**GC38 08282211.D**	**252377**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	84	70-140		08/28/2022 14:18
Toluene-d8	95	70-140		08/28/2022 14:18
4-BFB	89	70-140		08/28/2022 14:18
Benzene-d6	65	50-140		08/28/2022 14:18
Ethylbenzene-d10	80	50-140		08/28/2022 14:18
1,2-DCB-d4	61	40-140		08/28/2022 14:18

Analyst(s): KF

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW5030B
Date Prepared:	08/22/2022	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-1-6-9A,B	2208F40-043A	Soil	08/18/2022 09:55	GC18 08282206.D	252377

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.20	1	08/28/2022 11:09
tert-Amyl methyl ether (TAME)	ND	0.0050	1	08/28/2022 11:09
Benzene	ND	0.0050	1	08/28/2022 11:09
Bromobenzene	ND	0.0050	1	08/28/2022 11:09
Bromochloromethane	ND	0.0050	1	08/28/2022 11:09
Bromodichloromethane	ND	0.0050	1	08/28/2022 11:09
Bromoform	ND	0.0050	1	08/28/2022 11:09
Bromomethane	ND	0.0050	1	08/28/2022 11:09
2-Butanone (MEK)	ND	0.10	1	08/28/2022 11:09
t-Butyl alcohol (TBA)	ND	0.050	1	08/28/2022 11:09
n-Butyl benzene	ND	0.0050	1	08/28/2022 11:09
sec-Butyl benzene	ND	0.0050	1	08/28/2022 11:09
tert-Butyl benzene	ND	0.0050	1	08/28/2022 11:09
Carbon Disulfide	ND	0.0050	1	08/28/2022 11:09
Carbon Tetrachloride	ND	0.0050	1	08/28/2022 11:09
Chlorobenzene	ND	0.0050	1	08/28/2022 11:09
Chloroethane	ND	0.0050	1	08/28/2022 11:09
Chloroform	ND	0.0050	1	08/28/2022 11:09
Chloromethane	ND	0.0050	1	08/28/2022 11:09
2-Chlorotoluene	ND	0.0050	1	08/28/2022 11:09
4-Chlorotoluene	ND	0.0050	1	08/28/2022 11:09
Dibromochloromethane	ND	0.0050	1	08/28/2022 11:09
1,2-Dibromo-3-chloropropane	ND	0.00050	1	08/28/2022 11:09
1,2-Dibromoethane (EDB)	ND	0.00025	1	08/28/2022 11:09
Dibromomethane	ND	0.0050	1	08/28/2022 11:09
1,2-Dichlorobenzene	ND	0.0050	1	08/28/2022 11:09
1,3-Dichlorobenzene	ND	0.0050	1	08/28/2022 11:09
1,4-Dichlorobenzene	ND	0.0050	1	08/28/2022 11:09
Dichlorodifluoromethane	ND	0.0050	1	08/28/2022 11:09
1,1-Dichloroethane	ND	0.0050	1	08/28/2022 11:09
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	08/28/2022 11:09
1,1-Dichloroethene	ND	0.0050	1	08/28/2022 11:09
cis-1,2-Dichloroethene	ND	0.0050	1	08/28/2022 11:09
trans-1,2-Dichloroethene	ND	0.0050	1	08/28/2022 11:09
1,2-Dichloropropane	ND	0.0050	1	08/28/2022 11:09
1,3-Dichloropropane	ND	0.0050	1	08/28/2022 11:09
2,2-Dichloropropane	ND	0.0050	1	08/28/2022 11:09

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW5030B
Date Prepared:	08/22/2022	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-1-6-9A,B	2208F40-043A	Soil	08/18/2022 09:55	GC18 08282206.D	252377

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	08/28/2022 11:09
cis-1,3-Dichloropropene	ND	0.0050	1	08/28/2022 11:09
trans-1,3-Dichloropropene	ND	0.0050	1	08/28/2022 11:09
Diisopropyl ether (DIPE)	ND	0.0050	1	08/28/2022 11:09
Ethylbenzene	ND	0.0050	1	08/28/2022 11:09
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	08/28/2022 11:09
Freon 113	ND	0.0050	1	08/28/2022 11:09
Hexachlorobutadiene	ND	0.0050	1	08/28/2022 11:09
Hexachloroethane	ND	0.0050	1	08/28/2022 11:09
2-Hexanone	ND	0.0050	1	08/28/2022 11:09
Isopropylbenzene	ND	0.0050	1	08/28/2022 11:09
4-Isopropyl toluene	ND	0.0050	1	08/28/2022 11:09
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	08/28/2022 11:09
Methylene chloride	ND	0.020	1	08/28/2022 11:09
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	08/28/2022 11:09
Naphthalene	ND	0.0050	1	08/28/2022 11:09
n-Propyl benzene	ND	0.0050	1	08/28/2022 11:09
Styrene	ND	0.0050	1	08/28/2022 11:09
1,1,1,2-Tetrachloroethane	ND	0.0050	1	08/28/2022 11:09
1,1,2,2-Tetrachloroethane	ND	0.0050	1	08/28/2022 11:09
Tetrachloroethene	ND	0.0050	1	08/28/2022 11:09
Toluene	ND	0.0050	1	08/28/2022 11:09
1,2,3-Trichlorobenzene	ND	0.0050	1	08/28/2022 11:09
1,2,4-Trichlorobenzene	ND	0.0050	1	08/28/2022 11:09
1,1,1-Trichloroethane	ND	0.0050	1	08/28/2022 11:09
1,1,2-Trichloroethane	ND	0.0050	1	08/28/2022 11:09
Trichloroethene	ND	0.0050	1	08/28/2022 11:09
Trichlorofluoromethane	ND	0.0050	1	08/28/2022 11:09
1,2,3-Trichloropropane	ND	0.00025	1	08/28/2022 11:09
1,2,4-Trimethylbenzene	ND	0.0050	1	08/28/2022 11:09
1,3,5-Trimethylbenzene	ND	0.0050	1	08/28/2022 11:09
Vinyl Chloride	ND	0.00025	1	08/28/2022 11:09
m,p-Xylene	ND	0.0050	1	08/28/2022 11:09
o-Xylene	ND	0.0050	1	08/28/2022 11:09
Xylenes, Total	ND	0.0050	1	08/28/2022 11:09

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW5030B
Date Prepared:	08/22/2022	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-1-6-9A,B	**2208F40-043A**	**Soil**	**08/18/2022 09:55**	**GC18 08282206.D**	**252377**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	101	70-140		08/28/2022 11:09
Toluene-d8	98	70-140		08/28/2022 11:09
4-BFB	97	70-140		08/28/2022 11:09
Benzene-d6	92	50-140		08/28/2022 11:09
Ethylbenzene-d10	102	50-140		08/28/2022 11:09
1,2-DCB-d4	85	40-140		08/28/2022 11:09

Analyst(s): KF

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW5030B
Date Prepared:	08/22/2022	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-2-3-6A,B	2208F40-044A	Soil	08/18/2022 10:25	GC38 08282214.D	252377

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.20	1	08/28/2022 16:11
tert-Amyl methyl ether (TAME)	ND	0.0050	1	08/28/2022 16:11
Benzene	ND	0.0050	1	08/28/2022 16:11
Bromobenzene	ND	0.0050	1	08/28/2022 16:11
Bromochloromethane	ND	0.0050	1	08/28/2022 16:11
Bromodichloromethane	ND	0.0050	1	08/28/2022 16:11
Bromoform	ND	0.0050	1	08/28/2022 16:11
Bromomethane	ND	0.0050	1	08/28/2022 16:11
2-Butanone (MEK)	ND	0.10	1	08/28/2022 16:11
t-Butyl alcohol (TBA)	ND	0.050	1	08/28/2022 16:11
n-Butyl benzene	ND	0.0050	1	08/28/2022 16:11
sec-Butyl benzene	ND	0.0050	1	08/28/2022 16:11
tert-Butyl benzene	ND	0.0050	1	08/28/2022 16:11
Carbon Disulfide	ND	0.0050	1	08/28/2022 16:11
Carbon Tetrachloride	ND	0.0050	1	08/28/2022 16:11
Chlorobenzene	ND	0.0050	1	08/28/2022 16:11
Chloroethane	ND	0.0050	1	08/28/2022 16:11
Chloroform	ND	0.0050	1	08/28/2022 16:11
Chloromethane	ND	0.0050	1	08/28/2022 16:11
2-Chlorotoluene	ND	0.0050	1	08/28/2022 16:11
4-Chlorotoluene	ND	0.0050	1	08/28/2022 16:11
Dibromochloromethane	ND	0.0050	1	08/28/2022 16:11
1,2-Dibromo-3-chloropropane	ND	0.00050	1	08/28/2022 16:11
1,2-Dibromoethane (EDB)	ND	0.00025	1	08/28/2022 16:11
Dibromomethane	ND	0.0050	1	08/28/2022 16:11
1,2-Dichlorobenzene	ND	0.0050	1	08/28/2022 16:11
1,3-Dichlorobenzene	ND	0.0050	1	08/28/2022 16:11
1,4-Dichlorobenzene	ND	0.0050	1	08/28/2022 16:11
Dichlorodifluoromethane	ND	0.0050	1	08/28/2022 16:11
1,1-Dichloroethane	ND	0.0050	1	08/28/2022 16:11
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	08/28/2022 16:11
1,1-Dichloroethene	ND	0.0050	1	08/28/2022 16:11
cis-1,2-Dichloroethene	ND	0.0050	1	08/28/2022 16:11
trans-1,2-Dichloroethene	ND	0.0050	1	08/28/2022 16:11
1,2-Dichloropropane	ND	0.0050	1	08/28/2022 16:11
1,3-Dichloropropane	ND	0.0050	1	08/28/2022 16:11
2,2-Dichloropropane	ND	0.0050	1	08/28/2022 16:11

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW5030B
Date Prepared:	08/22/2022	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-2-3-6A,B	2208F40-044A	Soil	08/18/2022 10:25	GC38 08282214.D	252377

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	08/28/2022 16:11
cis-1,3-Dichloropropene	ND	0.0050	1	08/28/2022 16:11
trans-1,3-Dichloropropene	ND	0.0050	1	08/28/2022 16:11
Diisopropyl ether (DIPE)	ND	0.0050	1	08/28/2022 16:11
Ethylbenzene	ND	0.0050	1	08/28/2022 16:11
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	08/28/2022 16:11
Freon 113	ND	0.0050	1	08/28/2022 16:11
Hexachlorobutadiene	ND	0.0050	1	08/28/2022 16:11
Hexachloroethane	ND	0.0050	1	08/28/2022 16:11
2-Hexanone	ND	0.0050	1	08/28/2022 16:11
Isopropylbenzene	ND	0.0050	1	08/28/2022 16:11
4-Isopropyl toluene	ND	0.0050	1	08/28/2022 16:11
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	08/28/2022 16:11
Methylene chloride	ND	0.020	1	08/28/2022 16:11
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	08/28/2022 16:11
Naphthalene	ND	0.0050	1	08/28/2022 16:11
n-Propyl benzene	ND	0.0050	1	08/28/2022 16:11
Styrene	ND	0.0050	1	08/28/2022 16:11
1,1,1,2-Tetrachloroethane	ND	0.0050	1	08/28/2022 16:11
1,1,2,2-Tetrachloroethane	ND	0.0050	1	08/28/2022 16:11
Tetrachloroethene	ND	0.0050	1	08/28/2022 16:11
Toluene	ND	0.0050	1	08/28/2022 16:11
1,2,3-Trichlorobenzene	ND	0.0050	1	08/28/2022 16:11
1,2,4-Trichlorobenzene	ND	0.0050	1	08/28/2022 16:11
1,1,1-Trichloroethane	ND	0.0050	1	08/28/2022 16:11
1,1,2-Trichloroethane	ND	0.0050	1	08/28/2022 16:11
Trichloroethene	ND	0.0050	1	08/28/2022 16:11
Trichlorofluoromethane	ND	0.0050	1	08/28/2022 16:11
1,2,3-Trichloropropane	ND	0.00025	1	08/28/2022 16:11
1,2,4-Trimethylbenzene	ND	0.0050	1	08/28/2022 16:11
1,3,5-Trimethylbenzene	ND	0.0050	1	08/28/2022 16:11
Vinyl Chloride	ND	0.00025	1	08/28/2022 16:11
m,p-Xylene	ND	0.0050	1	08/28/2022 16:11
o-Xylene	ND	0.0050	1	08/28/2022 16:11
Xylenes, Total	ND	0.0050	1	08/28/2022 16:11

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW5030B
Date Prepared:	08/22/2022	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-2-3-6A,B	**2208F40-044A**	**Soil**	**08/18/2022 10:25**	**GC38 08282214.D**	**252377**

Analytes	Result	RL	DF	Date Analyzed

Surrogates	REC (%)	Qualifiers	Limits	Date Analyzed
Dibromofluoromethane	79		70-140	08/28/2022 16:11
Toluene-d8	95		70-140	08/28/2022 16:11
4-BFB	90		70-140	08/28/2022 16:11
Benzene-d6	31	S	50-140	08/28/2022 16:11
Ethylbenzene-d10	56		50-140	08/28/2022 16:11
1,2-DCB-d4	58		40-140	08/28/2022 16:11

Analyst(s): KF Analytical Comments: c12

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CA ELAP 1644 • NELAP 4033ORELAP

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW5030B
Date Prepared:	08/22/2022	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-2-6-9A,B	2208F40-045A	Soil	08/18/2022 10:28	GC38 08282212.D	252377

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.20	1	08/28/2022 14:55
tert-Amyl methyl ether (TAME)	ND	0.0050	1	08/28/2022 14:55
Benzene	ND	0.0050	1	08/28/2022 14:55
Bromobenzene	ND	0.0050	1	08/28/2022 14:55
Bromochloromethane	ND	0.0050	1	08/28/2022 14:55
Bromodichloromethane	ND	0.0050	1	08/28/2022 14:55
Bromoform	ND	0.0050	1	08/28/2022 14:55
Bromomethane	ND	0.0050	1	08/28/2022 14:55
2-Butanone (MEK)	ND	0.10	1	08/28/2022 14:55
t-Butyl alcohol (TBA)	ND	0.050	1	08/28/2022 14:55
n-Butyl benzene	ND	0.0050	1	08/28/2022 14:55
sec-Butyl benzene	ND	0.0050	1	08/28/2022 14:55
tert-Butyl benzene	ND	0.0050	1	08/28/2022 14:55
Carbon Disulfide	ND	0.0050	1	08/28/2022 14:55
Carbon Tetrachloride	ND	0.0050	1	08/28/2022 14:55
Chlorobenzene	ND	0.0050	1	08/28/2022 14:55
Chloroethane	ND	0.0050	1	08/28/2022 14:55
Chloroform	ND	0.0050	1	08/28/2022 14:55
Chloromethane	ND	0.0050	1	08/28/2022 14:55
2-Chlorotoluene	ND	0.0050	1	08/28/2022 14:55
4-Chlorotoluene	ND	0.0050	1	08/28/2022 14:55
Dibromochloromethane	ND	0.0050	1	08/28/2022 14:55
1,2-Dibromo-3-chloropropane	ND	0.00050	1	08/28/2022 14:55
1,2-Dibromoethane (EDB)	ND	0.00025	1	08/28/2022 14:55
Dibromomethane	ND	0.0050	1	08/28/2022 14:55
1,2-Dichlorobenzene	ND	0.0050	1	08/28/2022 14:55
1,3-Dichlorobenzene	ND	0.0050	1	08/28/2022 14:55
1,4-Dichlorobenzene	ND	0.0050	1	08/28/2022 14:55
Dichlorodifluoromethane	ND	0.0050	1	08/28/2022 14:55
1,1-Dichloroethane	ND	0.0050	1	08/28/2022 14:55
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	08/28/2022 14:55
1,1-Dichloroethene	ND	0.0050	1	08/28/2022 14:55
cis-1,2-Dichloroethene	ND	0.0050	1	08/28/2022 14:55
trans-1,2-Dichloroethene	ND	0.0050	1	08/28/2022 14:55
1,2-Dichloropropane	ND	0.0050	1	08/28/2022 14:55
1,3-Dichloropropane	ND	0.0050	1	08/28/2022 14:55
2,2-Dichloropropane	ND	0.0050	1	08/28/2022 14:55

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW5030B
Date Prepared:	08/22/2022	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-2-6-9A,B	2208F40-045A	Soil	08/18/2022 10:28	GC38 08282212.D	252377

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	08/28/2022 14:55
cis-1,3-Dichloropropene	ND	0.0050	1	08/28/2022 14:55
trans-1,3-Dichloropropene	ND	0.0050	1	08/28/2022 14:55
Diisopropyl ether (DIPE)	ND	0.0050	1	08/28/2022 14:55
Ethylbenzene	ND	0.0050	1	08/28/2022 14:55
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	08/28/2022 14:55
Freon 113	ND	0.0050	1	08/28/2022 14:55
Hexachlorobutadiene	ND	0.0050	1	08/28/2022 14:55
Hexachloroethane	ND	0.0050	1	08/28/2022 14:55
2-Hexanone	ND	0.0050	1	08/28/2022 14:55
Isopropylbenzene	ND	0.0050	1	08/28/2022 14:55
4-Isopropyl toluene	ND	0.0050	1	08/28/2022 14:55
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	08/28/2022 14:55
Methylene chloride	ND	0.020	1	08/28/2022 14:55
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	08/28/2022 14:55
Naphthalene	ND	0.0050	1	08/28/2022 14:55
n-Propyl benzene	ND	0.0050	1	08/28/2022 14:55
Styrene	ND	0.0050	1	08/28/2022 14:55
1,1,1,2-Tetrachloroethane	ND	0.0050	1	08/28/2022 14:55
1,1,2,2-Tetrachloroethane	ND	0.0050	1	08/28/2022 14:55
Tetrachloroethene	ND	0.0050	1	08/28/2022 14:55
Toluene	ND	0.0050	1	08/28/2022 14:55
1,2,3-Trichlorobenzene	ND	0.0050	1	08/28/2022 14:55
1,2,4-Trichlorobenzene	ND	0.0050	1	08/28/2022 14:55
1,1,1-Trichloroethane	ND	0.0050	1	08/28/2022 14:55
1,1,2-Trichloroethane	ND	0.0050	1	08/28/2022 14:55
Trichloroethene	ND	0.0050	1	08/28/2022 14:55
Trichlorofluoromethane	ND	0.0050	1	08/28/2022 14:55
1,2,3-Trichloropropane	ND	0.00025	1	08/28/2022 14:55
1,2,4-Trimethylbenzene	ND	0.0050	1	08/28/2022 14:55
1,3,5-Trimethylbenzene	ND	0.0050	1	08/28/2022 14:55
Vinyl Chloride	ND	0.00025	1	08/28/2022 14:55
m,p-Xylene	ND	0.0050	1	08/28/2022 14:55
o-Xylene	ND	0.0050	1	08/28/2022 14:55
Xylenes, Total	ND	0.0050	1	08/28/2022 14:55

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW5030B
Date Prepared:	08/22/2022	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-2-6-9A,B	**2208F40-045A**	**Soil**	**08/18/2022 10:28**	**GC38 08282212.D**	**252377**

Analytes	Result	RL	DF	Date Analyzed

Surrogates	REC (%)	Qualifiers	Limits	
Dibromofluoromethane	78		70-140	08/28/2022 14:55
Toluene-d8	95		70-140	08/28/2022 14:55
4-BFB	89		70-140	08/28/2022 14:55
Benzene-d6	41	S	50-140	08/28/2022 14:55
Ethylbenzene-d10	67		50-140	08/28/2022 14:55
1,2-DCB-d4	61		40-140	08/28/2022 14:55

Analyst(s): KF Analytical Comments: c12

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW5030B
Date Prepared:	08/22/2022	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-3-3-6A,B	2208F40-046A	Soil	08/18/2022 10:40	GC38 08282207.D	252377

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.20	1	08/28/2022 11:47
tert-Amyl methyl ether (TAME)	ND	0.0050	1	08/28/2022 11:47
Benzene	ND	0.0050	1	08/28/2022 11:47
Bromobenzene	ND	0.0050	1	08/28/2022 11:47
Bromochloromethane	ND	0.0050	1	08/28/2022 11:47
Bromodichloromethane	ND	0.0050	1	08/28/2022 11:47
Bromoform	ND	0.0050	1	08/28/2022 11:47
Bromomethane	ND	0.0050	1	08/28/2022 11:47
2-Butanone (MEK)	ND	0.10	1	08/28/2022 11:47
t-Butyl alcohol (TBA)	ND	0.050	1	08/28/2022 11:47
n-Butyl benzene	ND	0.0050	1	08/28/2022 11:47
sec-Butyl benzene	ND	0.0050	1	08/28/2022 11:47
tert-Butyl benzene	ND	0.0050	1	08/28/2022 11:47
Carbon Disulfide	ND	0.0050	1	08/28/2022 11:47
Carbon Tetrachloride	ND	0.0050	1	08/28/2022 11:47
Chlorobenzene	ND	0.0050	1	08/28/2022 11:47
Chloroethane	ND	0.0050	1	08/28/2022 11:47
Chloroform	ND	0.0050	1	08/28/2022 11:47
Chloromethane	ND	0.0050	1	08/28/2022 11:47
2-Chlorotoluene	ND	0.0050	1	08/28/2022 11:47
4-Chlorotoluene	ND	0.0050	1	08/28/2022 11:47
Dibromochloromethane	ND	0.0050	1	08/28/2022 11:47
1,2-Dibromo-3-chloropropane	ND	0.00050	1	08/28/2022 11:47
1,2-Dibromoethane (EDB)	ND	0.00025	1	08/28/2022 11:47
Dibromomethane	ND	0.0050	1	08/28/2022 11:47
1,2-Dichlorobenzene	ND	0.0050	1	08/28/2022 11:47
1,3-Dichlorobenzene	ND	0.0050	1	08/28/2022 11:47
1,4-Dichlorobenzene	ND	0.0050	1	08/28/2022 11:47
Dichlorodifluoromethane	ND	0.0050	1	08/28/2022 11:47
1,1-Dichloroethane	ND	0.0050	1	08/28/2022 11:47
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	08/28/2022 11:47
1,1-Dichloroethene	ND	0.0050	1	08/28/2022 11:47
cis-1,2-Dichloroethene	ND	0.0050	1	08/28/2022 11:47
trans-1,2-Dichloroethene	ND	0.0050	1	08/28/2022 11:47
1,2-Dichloropropane	ND	0.0050	1	08/28/2022 11:47
1,3-Dichloropropane	ND	0.0050	1	08/28/2022 11:47
2,2-Dichloropropane	ND	0.0050	1	08/28/2022 11:47

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW5030B
Date Prepared:	08/22/2022	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-3-3-6A,B	2208F40-046A	Soil	08/18/2022 10:40	GC38 08282207.D	252377

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	08/28/2022 11:47
cis-1,3-Dichloropropene	ND	0.0050	1	08/28/2022 11:47
trans-1,3-Dichloropropene	ND	0.0050	1	08/28/2022 11:47
Diisopropyl ether (DIPE)	ND	0.0050	1	08/28/2022 11:47
Ethylbenzene	ND	0.0050	1	08/28/2022 11:47
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	08/28/2022 11:47
Freon 113	ND	0.0050	1	08/28/2022 11:47
Hexachlorobutadiene	ND	0.0050	1	08/28/2022 11:47
Hexachloroethane	ND	0.0050	1	08/28/2022 11:47
2-Hexanone	ND	0.0050	1	08/28/2022 11:47
Isopropylbenzene	ND	0.0050	1	08/28/2022 11:47
4-Isopropyl toluene	ND	0.0050	1	08/28/2022 11:47
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	08/28/2022 11:47
Methylene chloride	ND	0.020	1	08/28/2022 11:47
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	08/28/2022 11:47
Naphthalene	ND	0.0050	1	08/28/2022 11:47
n-Propyl benzene	ND	0.0050	1	08/28/2022 11:47
Styrene	ND	0.0050	1	08/28/2022 11:47
1,1,1,2-Tetrachloroethane	ND	0.0050	1	08/28/2022 11:47
1,1,2,2-Tetrachloroethane	ND	0.0050	1	08/28/2022 11:47
Tetrachloroethene	ND	0.0050	1	08/28/2022 11:47
Toluene	ND	0.0050	1	08/28/2022 11:47
1,2,3-Trichlorobenzene	ND	0.0050	1	08/28/2022 11:47
1,2,4-Trichlorobenzene	ND	0.0050	1	08/28/2022 11:47
1,1,1-Trichloroethane	ND	0.0050	1	08/28/2022 11:47
1,1,2-Trichloroethane	ND	0.0050	1	08/28/2022 11:47
Trichloroethene	ND	0.0050	1	08/28/2022 11:47
Trichlorofluoromethane	ND	0.0050	1	08/28/2022 11:47
1,2,3-Trichloropropane	ND	0.00025	1	08/28/2022 11:47
1,2,4-Trimethylbenzene	ND	0.0050	1	08/28/2022 11:47
1,3,5-Trimethylbenzene	ND	0.0050	1	08/28/2022 11:47
Vinyl Chloride	ND	0.00025	1	08/28/2022 11:47
m,p-Xylene	ND	0.0050	1	08/28/2022 11:47
o-Xylene	ND	0.0050	1	08/28/2022 11:47
Xylenes, Total	ND	0.0050	1	08/28/2022 11:47

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW5030B
Date Prepared:	08/22/2022	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-3-3-6A,B	**2208F40-046A**	**Soil**	**08/18/2022 10:40**	**GC38 08282207.D**	**252377**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	91	70-140		08/28/2022 11:47
Toluene-d8	96	70-140		08/28/2022 11:47
4-BFB	89	70-140		08/28/2022 11:47
Benzene-d6	68	50-140		08/28/2022 11:47
Ethylbenzene-d10	80	50-140		08/28/2022 11:47
1,2-DCB-d4	65	40-140		08/28/2022 11:47

Analyst(s): KF

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW5030B
Date Prepared:	08/22/2022	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-3-6-9A,B	2208F40-047A	Soil	08/18/2022 10:43	GC38 08282208.D	252377

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.20	1	08/28/2022 12:25
tert-Amyl methyl ether (TAME)	ND	0.0050	1	08/28/2022 12:25
Benzene	ND	0.0050	1	08/28/2022 12:25
Bromobenzene	ND	0.0050	1	08/28/2022 12:25
Bromochloromethane	ND	0.0050	1	08/28/2022 12:25
Bromodichloromethane	ND	0.0050	1	08/28/2022 12:25
Bromoform	ND	0.0050	1	08/28/2022 12:25
Bromomethane	ND	0.0050	1	08/28/2022 12:25
2-Butanone (MEK)	ND	0.10	1	08/28/2022 12:25
t-Butyl alcohol (TBA)	ND	0.050	1	08/28/2022 12:25
n-Butyl benzene	ND	0.0050	1	08/28/2022 12:25
sec-Butyl benzene	ND	0.0050	1	08/28/2022 12:25
tert-Butyl benzene	ND	0.0050	1	08/28/2022 12:25
Carbon Disulfide	ND	0.0050	1	08/28/2022 12:25
Carbon Tetrachloride	ND	0.0050	1	08/28/2022 12:25
Chlorobenzene	ND	0.0050	1	08/28/2022 12:25
Chloroethane	ND	0.0050	1	08/28/2022 12:25
Chloroform	ND	0.0050	1	08/28/2022 12:25
Chloromethane	ND	0.0050	1	08/28/2022 12:25
2-Chlorotoluene	ND	0.0050	1	08/28/2022 12:25
4-Chlorotoluene	ND	0.0050	1	08/28/2022 12:25
Dibromochloromethane	ND	0.0050	1	08/28/2022 12:25
1,2-Dibromo-3-chloropropane	ND	0.00050	1	08/28/2022 12:25
1,2-Dibromoethane (EDB)	ND	0.00025	1	08/28/2022 12:25
Dibromomethane	ND	0.0050	1	08/28/2022 12:25
1,2-Dichlorobenzene	ND	0.0050	1	08/28/2022 12:25
1,3-Dichlorobenzene	ND	0.0050	1	08/28/2022 12:25
1,4-Dichlorobenzene	ND	0.0050	1	08/28/2022 12:25
Dichlorodifluoromethane	ND	0.0050	1	08/28/2022 12:25
1,1-Dichloroethane	ND	0.0050	1	08/28/2022 12:25
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	08/28/2022 12:25
1,1-Dichloroethene	ND	0.0050	1	08/28/2022 12:25
cis-1,2-Dichloroethene	ND	0.0050	1	08/28/2022 12:25
trans-1,2-Dichloroethene	ND	0.0050	1	08/28/2022 12:25
1,2-Dichloropropane	ND	0.0050	1	08/28/2022 12:25
1,3-Dichloropropane	ND	0.0050	1	08/28/2022 12:25
2,2-Dichloropropane	ND	0.0050	1	08/28/2022 12:25

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW5030B
Date Prepared:	08/22/2022	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-3-6-9A,B	2208F40-047A	Soil	08/18/2022 10:43	GC38 08282208.D	252377

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	08/28/2022 12:25
cis-1,3-Dichloropropene	ND	0.0050	1	08/28/2022 12:25
trans-1,3-Dichloropropene	ND	0.0050	1	08/28/2022 12:25
Diisopropyl ether (DIPE)	ND	0.0050	1	08/28/2022 12:25
Ethylbenzene	ND	0.0050	1	08/28/2022 12:25
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	08/28/2022 12:25
Freon 113	ND	0.0050	1	08/28/2022 12:25
Hexachlorobutadiene	ND	0.0050	1	08/28/2022 12:25
Hexachloroethane	ND	0.0050	1	08/28/2022 12:25
2-Hexanone	ND	0.0050	1	08/28/2022 12:25
Isopropylbenzene	ND	0.0050	1	08/28/2022 12:25
4-Isopropyl toluene	ND	0.0050	1	08/28/2022 12:25
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	08/28/2022 12:25
Methylene chloride	ND	0.020	1	08/28/2022 12:25
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	08/28/2022 12:25
Naphthalene	ND	0.0050	1	08/28/2022 12:25
n-Propyl benzene	ND	0.0050	1	08/28/2022 12:25
Styrene	ND	0.0050	1	08/28/2022 12:25
1,1,1,2-Tetrachloroethane	ND	0.0050	1	08/28/2022 12:25
1,1,2,2-Tetrachloroethane	ND	0.0050	1	08/28/2022 12:25
Tetrachloroethene	ND	0.0050	1	08/28/2022 12:25
Toluene	ND	0.0050	1	08/28/2022 12:25
1,2,3-Trichlorobenzene	ND	0.0050	1	08/28/2022 12:25
1,2,4-Trichlorobenzene	ND	0.0050	1	08/28/2022 12:25
1,1,1-Trichloroethane	ND	0.0050	1	08/28/2022 12:25
1,1,2-Trichloroethane	ND	0.0050	1	08/28/2022 12:25
Trichloroethene	ND	0.0050	1	08/28/2022 12:25
Trichlorofluoromethane	ND	0.0050	1	08/28/2022 12:25
1,2,3-Trichloropropane	ND	0.00025	1	08/28/2022 12:25
1,2,4-Trimethylbenzene	ND	0.0050	1	08/28/2022 12:25
1,3,5-Trimethylbenzene	ND	0.0050	1	08/28/2022 12:25
Vinyl Chloride	ND	0.00025	1	08/28/2022 12:25
m,p-Xylene	ND	0.0050	1	08/28/2022 12:25
o-Xylene	ND	0.0050	1	08/28/2022 12:25
Xylenes, Total	ND	0.0050	1	08/28/2022 12:25

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW5030B
Date Prepared:	08/22/2022	**Analytical Method:**	SW8260B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-3-6-9A,B	**2208F40-047A**	**Soil**	**08/18/2022 10:43**	**GC38 08282208.D**	**252377**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	90	70-140		08/28/2022 12:25
Toluene-d8	96	70-140		08/28/2022 12:25
4-BFB	88	70-140		08/28/2022 12:25
Benzene-d6	74	50-140		08/28/2022 12:25
Ethylbenzene-d10	83	50-140		08/28/2022 12:25
1,2-DCB-d4	66	40-140		08/28/2022 12:25

Analyst(s): KF

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3550B/3640A
Date Prepared:	08/24/2022	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-1-3-6A,B	2208F40-042A	Soil	08/18/2022 09:45	GC47 08252212.D	252526

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.026	20	08/25/2022 16:15
Acenaphthylene	ND	0.026	20	08/25/2022 16:15
Acetochlor	ND	5.0	20	08/25/2022 16:15
Anthracene	ND	0.026	20	08/25/2022 16:15
Benzidine	ND	25	20	08/25/2022 16:15
Benzo (a) anthracene	ND	0.26	20	08/25/2022 16:15
Benzo (a) pyrene	ND	0.050	20	08/25/2022 16:15
Benzo (b) fluoranthene	ND	0.13	20	08/25/2022 16:15
Benzo (g,h,i) perylene	ND	0.050	20	08/25/2022 16:15
Benzo (k) fluoranthene	ND	0.026	20	08/25/2022 16:15
Benzyl Alcohol	ND	25	20	08/25/2022 16:15
1,1-Biphenyl	ND	0.26	20	08/25/2022 16:15
Bis (2-chloroethoxy) Methane	ND	5.0	20	08/25/2022 16:15
Bis (2-chloroethyl) Ether	ND	0.026	20	08/25/2022 16:15
Bis (2-chloroisopropyl) Ether	ND	0.050	20	08/25/2022 16:15
Bis (2-ethylhexyl) Adipate	ND	5.0	20	08/25/2022 16:15
Bis (2-ethylhexyl) Phthalate	ND	0.50	20	08/25/2022 16:15
4-Bromophenyl Phenyl Ether	ND	5.0	20	08/25/2022 16:15
Butylbenzyl Phthalate	ND	0.50	20	08/25/2022 16:15
4-Chloroaniline	ND	0.050	20	08/25/2022 16:15
4-Chloro-3-methylphenol	ND	5.0	20	08/25/2022 16:15
2-Chloronaphthalene	ND	5.0	20	08/25/2022 16:15
2-Chlorophenol	ND	0.26	20	08/25/2022 16:15
4-Chlorophenyl Phenyl Ether	ND	5.0	20	08/25/2022 16:15
Chrysene	ND	0.050	20	08/25/2022 16:15
Dibenzo (a,h) anthracene	ND	0.050	20	08/25/2022 16:15
Dibenzofuran	ND	0.026	20	08/25/2022 16:15
Di-n-butyl Phthalate	ND	0.26	20	08/25/2022 16:15
1,2-Dichlorobenzene	ND	5.0	20	08/25/2022 16:15
1,3-Dichlorobenzene	ND	5.0	20	08/25/2022 16:15
1,4-Dichlorobenzene	ND	5.0	20	08/25/2022 16:15
3,3-Dichlorobenzidine	ND	0.050	20	08/25/2022 16:15
2,4-Dichlorophenol	ND	0.050	20	08/25/2022 16:15
Diethyl Phthalate	ND	0.26	20	08/25/2022 16:15
2,4-Dimethylphenol	ND	5.0	20	08/25/2022 16:15
Dimethyl Phthalate	ND	0.050	20	08/25/2022 16:15
4,6-Dinitro-2-methylphenol	ND	25	20	08/25/2022 16:15

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3550B/3640A
Date Prepared:	08/24/2022	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-1-3-6A,B	2208F40-042A	Soil	08/18/2022 09:45	GC47 08252212.D	252526

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	5.0	20	08/25/2022 16:15
2,4-Dinitrotoluene	ND	0.26	20	08/25/2022 16:15
2,6-Dinitrotoluene	ND	2.5	20	08/25/2022 16:15
Di-n-octyl Phthalate	ND	10	20	08/25/2022 16:15
1,2-Diphenylhydrazine	ND	5.0	20	08/25/2022 16:15
Fluoranthene	ND	0.026	20	08/25/2022 16:15
Fluorene	ND	0.050	20	08/25/2022 16:15
Hexachlorobenzene	ND	0.026	20	08/25/2022 16:15
Hexachlorobutadiene	ND	0.050	20	08/25/2022 16:15
Hexachlorocyclopentadiene	ND	40	20	08/25/2022 16:15
Hexachloroethane	ND	0.26	20	08/25/2022 16:15
Indeno (1,2,3-cd) pyrene	ND	0.26	20	08/25/2022 16:15
Isophorone	ND	5.0	20	08/25/2022 16:15
1-Methylnaphthalene	ND	0.026	20	08/25/2022 16:15
2-Methylnaphthalene	ND	0.050	20	08/25/2022 16:15
2-Methylphenol (o-Cresol)	ND	5.0	20	08/25/2022 16:15
3 & 4-Methylphenol (m,p-Cresol)	ND	5.0	20	08/25/2022 16:15
Naphthalene	ND	0.12	20	08/25/2022 16:15
2-Nitroaniline	ND	25	20	08/25/2022 16:15
3-Nitroaniline	ND	25	20	08/25/2022 16:15
4-Nitroaniline	ND	25	20	08/25/2022 16:15
Nitrobenzene	ND	5.0	20	08/25/2022 16:15
2-Nitrophenol	ND	25	20	08/25/2022 16:15
4-Nitrophenol	ND	25	20	08/25/2022 16:15
N-Nitrosodiphenylamine	ND	5.0	20	08/25/2022 16:15
N-Nitrosodi-n-propylamine	ND	5.0	20	08/25/2022 16:15
Pentachlorophenol	ND	1.2	20	08/25/2022 16:15
Phenanthrene	ND	0.10	20	08/25/2022 16:15
Phenol	ND	1.0	20	08/25/2022 16:15
Pyrene	ND	0.050	20	08/25/2022 16:15
Pyridine	ND	5.0	20	08/25/2022 16:15
1,2,4-Trichlorobenzene	ND	5.0	20	08/25/2022 16:15
2,4,5-Trichlorophenol	ND	0.050	20	08/25/2022 16:15
2,4,6-Trichlorophenol	ND	0.26	20	08/25/2022 16:15

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3550B/3640A
Date Prepared:	08/24/2022	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-1-3-6A,B	2208F40-042A	Soil	08/18/2022 09:45	GC47 08252212.D	252526

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
2-Fluorophenol	87	60-130		08/25/2022 16:15
Phenol-d5	81	60-130		08/25/2022 16:15
Nitrobenzene-d5	95	60-130		08/25/2022 16:15
2-Fluorobiphenyl	84	60-130		08/25/2022 16:15
2,4,6-Tribromophenol	75	50-130		08/25/2022 16:15
4-Terphenyl-d14	80	50-130		08/25/2022 16:15

Analyst(s): MV Analytical Comments: a3

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3550B/3640A
Date Prepared:	08/24/2022	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-1-6-9A,B	2208F40-043A	Soil	08/18/2022 09:55	GC47 08252213.D	252526

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0026	2	08/25/2022 16:43
Acenaphthylene	ND	0.0026	2	08/25/2022 16:43
Acetochlor	ND	0.50	2	08/25/2022 16:43
Anthracene	**0.0070**	0.0026	2	08/25/2022 16:43
Benzidine	ND	2.5	2	08/25/2022 16:43
Benzo (a) anthracene	ND	0.026	2	08/25/2022 16:43
Benzo (a) pyrene	**0.019**	0.0050	2	08/25/2022 16:43
Benzo (b) fluoranthene	**0.023**	0.013	2	08/25/2022 16:43
Benzo (g,h,i) perylene	**0.013**	0.0050	2	08/25/2022 16:43
Benzo (k) fluoranthene	**0.0082**	0.0026	2	08/25/2022 16:43
Benzyl Alcohol	ND	2.5	2	08/25/2022 16:43
1,1-Biphenyl	ND	0.026	2	08/25/2022 16:43
Bis (2-chloroethoxy) Methane	ND	0.50	2	08/25/2022 16:43
Bis (2-chloroethyl) Ether	ND	0.0026	2	08/25/2022 16:43
Bis (2-chloroisopropyl) Ether	ND	0.0050	2	08/25/2022 16:43
Bis (2-ethylhexyl) Adipate	ND	0.50	2	08/25/2022 16:43
Bis (2-ethylhexyl) Phthalate	ND	0.050	2	08/25/2022 16:43
4-Bromophenyl Phenyl Ether	ND	0.50	2	08/25/2022 16:43
Butylbenzyl Phthalate	ND	0.050	2	08/25/2022 16:43
4-Chloroaniline	ND	0.0050	2	08/25/2022 16:43
4-Chloro-3-methylphenol	ND	0.50	2	08/25/2022 16:43
2-Chloronaphthalene	ND	0.50	2	08/25/2022 16:43
2-Chlorophenol	ND	0.026	2	08/25/2022 16:43
4-Chlorophenyl Phenyl Ether	ND	0.50	2	08/25/2022 16:43
Chrysene	**0.014**	0.0050	2	08/25/2022 16:43
Dibenzo (a,h) anthracene	ND	0.0050	2	08/25/2022 16:43
Dibenzofuran	ND	0.0026	2	08/25/2022 16:43
Di-n-butyl Phthalate	ND	0.026	2	08/25/2022 16:43
1,2-Dichlorobenzene	ND	0.50	2	08/25/2022 16:43
1,3-Dichlorobenzene	ND	0.50	2	08/25/2022 16:43
1,4-Dichlorobenzene	ND	0.50	2	08/25/2022 16:43
3,3-Dichlorobenzidine	ND	0.0050	2	08/25/2022 16:43
2,4-Dichlorophenol	ND	0.0050	2	08/25/2022 16:43
Diethyl Phthalate	ND	0.026	2	08/25/2022 16:43
2,4-Dimethylphenol	ND	0.50	2	08/25/2022 16:43
Dimethyl Phthalate	ND	0.0050	2	08/25/2022 16:43
4,6-Dinitro-2-methylphenol	ND	2.5	2	08/25/2022 16:43

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3550B/3640A
Date Prepared:	08/24/2022	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-1-6-9A,B	2208F40-043A	Soil	08/18/2022 09:55	GC47 08252213.D	252526

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.50	2	08/25/2022 16:43
2,4-Dinitrotoluene	ND	0.026	2	08/25/2022 16:43
2,6-Dinitrotoluene	ND	0.25	2	08/25/2022 16:43
Di-n-octyl Phthalate	ND	1.0	2	08/25/2022 16:43
1,2-Diphenylhydrazine	ND	0.50	2	08/25/2022 16:43
Fluoranthene	**0.040**	0.0026	2	08/25/2022 16:43
Fluorene	ND	0.0050	2	08/25/2022 16:43
Hexachlorobenzene	ND	0.0026	2	08/25/2022 16:43
Hexachlorobutadiene	ND	0.0050	2	08/25/2022 16:43
Hexachlorocyclopentadiene	ND	4.0	2	08/25/2022 16:43
Hexachloroethane	ND	0.026	2	08/25/2022 16:43
Indeno (1,2,3-cd) pyrene	ND	0.026	2	08/25/2022 16:43
Isophorone	ND	0.50	2	08/25/2022 16:43
1-Methylnaphthalene	ND	0.0026	2	08/25/2022 16:43
2-Methylnaphthalene	ND	0.0050	2	08/25/2022 16:43
2-Methylphenol (o-Cresol)	ND	0.50	2	08/25/2022 16:43
3 & 4-Methylphenol (m,p-Cresol)	ND	0.50	2	08/25/2022 16:43
Naphthalene	ND	0.012	2	08/25/2022 16:43
2-Nitroaniline	ND	2.5	2	08/25/2022 16:43
3-Nitroaniline	ND	2.5	2	08/25/2022 16:43
4-Nitroaniline	ND	2.5	2	08/25/2022 16:43
Nitrobenzene	ND	0.50	2	08/25/2022 16:43
2-Nitrophenol	ND	2.5	2	08/25/2022 16:43
4-Nitrophenol	ND	2.5	2	08/25/2022 16:43
N-Nitrosodiphenylamine	ND	0.50	2	08/25/2022 16:43
N-Nitrosodi-n-propylamine	ND	0.50	2	08/25/2022 16:43
Pentachlorophenol	ND	0.12	2	08/25/2022 16:43
Phenanthrene	**0.012**	0.010	2	08/25/2022 16:43
Phenol	ND	0.10	2	08/25/2022 16:43
Pyrene	**0.037**	0.0050	2	08/25/2022 16:43
Pyridine	ND	0.50	2	08/25/2022 16:43
1,2,4-Trichlorobenzene	ND	0.50	2	08/25/2022 16:43
2,4,5-Trichlorophenol	ND	0.0050	2	08/25/2022 16:43
2,4,6-Trichlorophenol	ND	0.026	2	08/25/2022 16:43

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3550B/3640A
Date Prepared:	08/24/2022	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-1-6-9A,B	**2208F40-043A**	**Soil**	**08/18/2022 09:55**	**GC47 08252213.D**	**252526**

Analytes	Result	RL	DF	Date Analyzed

Surrogates	REC (%)	Qualifiers	Limits	Date Analyzed
2-Fluorophenol	56	S	60-130	08/25/2022 16:43
Phenol-d5	60		60-130	08/25/2022 16:43
Nitrobenzene-d5	51	S	60-130	08/25/2022 16:43
2-Fluorobiphenyl	54	S	60-130	08/25/2022 16:43
2,4,6-Tribromophenol	53		50-130	08/25/2022 16:43
4-Terphenyl-d14	68		50-130	08/25/2022 16:43

Analyst(s): MV Analytical Comments: c1

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3550B/3640A
Date Prepared:	08/24/2022	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-2-3-6A,B	2208F40-044A	Soil	08/18/2022 10:25	GC47 08252214.D	252526

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0026	2	08/25/2022 17:11
Acenaphthylene	ND	0.0026	2	08/25/2022 17:11
Acetochlor	ND	0.50	2	08/25/2022 17:11
Anthracene	ND	0.0026	2	08/25/2022 17:11
Benzidine	ND	2.5	2	08/25/2022 17:11
Benzo (a) anthracene	ND	0.026	2	08/25/2022 17:11
Benzo (a) pyrene	**0.0052**	0.0050	2	08/25/2022 17:11
Benzo (b) fluoranthene	ND	0.013	2	08/25/2022 17:11
Benzo (g,h,i) perylene	**0.0053**	0.0050	2	08/25/2022 17:11
Benzo (k) fluoranthene	**0.0027**	0.0026	2	08/25/2022 17:11
Benzyl Alcohol	ND	2.5	2	08/25/2022 17:11
1,1-Biphenyl	ND	0.026	2	08/25/2022 17:11
Bis (2-chloroethoxy) Methane	ND	0.50	2	08/25/2022 17:11
Bis (2-chloroethyl) Ether	ND	0.0026	2	08/25/2022 17:11
Bis (2-chloroisopropyl) Ether	ND	0.0050	2	08/25/2022 17:11
Bis (2-ethylhexyl) Adipate	ND	0.50	2	08/25/2022 17:11
Bis (2-ethylhexyl) Phthalate	ND	0.050	2	08/25/2022 17:11
4-Bromophenyl Phenyl Ether	ND	0.50	2	08/25/2022 17:11
Butylbenzyl Phthalate	ND	0.050	2	08/25/2022 17:11
4-Chloroaniline	ND	0.0050	2	08/25/2022 17:11
4-Chloro-3-methylphenol	ND	0.50	2	08/25/2022 17:11
2-Chloronaphthalene	ND	0.50	2	08/25/2022 17:11
2-Chlorophenol	ND	0.026	2	08/25/2022 17:11
4-Chlorophenyl Phenyl Ether	ND	0.50	2	08/25/2022 17:11
Chrysene	ND	0.0050	2	08/25/2022 17:11
Dibenzo (a,h) anthracene	ND	0.0050	2	08/25/2022 17:11
Dibenzofuran	ND	0.0026	2	08/25/2022 17:11
Di-n-butyl Phthalate	ND	0.026	2	08/25/2022 17:11
1,2-Dichlorobenzene	ND	0.50	2	08/25/2022 17:11
1,3-Dichlorobenzene	ND	0.50	2	08/25/2022 17:11
1,4-Dichlorobenzene	ND	0.50	2	08/25/2022 17:11
3,3-Dichlorobenzidine	ND	0.0050	2	08/25/2022 17:11
2,4-Dichlorophenol	ND	0.0050	2	08/25/2022 17:11
Diethyl Phthalate	ND	0.026	2	08/25/2022 17:11
2,4-Dimethylphenol	ND	0.50	2	08/25/2022 17:11
Dimethyl Phthalate	ND	0.0050	2	08/25/2022 17:11
4,6-Dinitro-2-methylphenol	ND	2.5	2	08/25/2022 17:11

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3550B/3640A
Date Prepared:	08/24/2022	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-2-3-6A,B	2208F40-044A	Soil	08/18/2022 10:25	GC47 08252214.D	252526

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.50	2	08/25/2022 17:11
2,4-Dinitrotoluene	ND	0.026	2	08/25/2022 17:11
2,6-Dinitrotoluene	ND	0.25	2	08/25/2022 17:11
Di-n-octyl Phthalate	ND	1.0	2	08/25/2022 17:11
1,2-Diphenylhydrazine	ND	0.50	2	08/25/2022 17:11
Fluoranthene	**0.0053**	0.0026	2	08/25/2022 17:11
Fluorene	ND	0.0050	2	08/25/2022 17:11
Hexachlorobenzene	ND	0.0026	2	08/25/2022 17:11
Hexachlorobutadiene	ND	0.0050	2	08/25/2022 17:11
Hexachlorocyclopentadiene	ND	4.0	2	08/25/2022 17:11
Hexachloroethane	ND	0.026	2	08/25/2022 17:11
Indeno (1,2,3-cd) pyrene	ND	0.026	2	08/25/2022 17:11
Isophorone	ND	0.50	2	08/25/2022 17:11
1-Methylnaphthalene	ND	0.0026	2	08/25/2022 17:11
2-Methylnaphthalene	ND	0.0050	2	08/25/2022 17:11
2-Methylphenol (o-Cresol)	ND	0.50	2	08/25/2022 17:11
3 & 4-Methylphenol (m,p-Cresol)	ND	0.50	2	08/25/2022 17:11
Naphthalene	ND	0.012	2	08/25/2022 17:11
2-Nitroaniline	ND	2.5	2	08/25/2022 17:11
3-Nitroaniline	ND	2.5	2	08/25/2022 17:11
4-Nitroaniline	ND	2.5	2	08/25/2022 17:11
Nitrobenzene	ND	0.50	2	08/25/2022 17:11
2-Nitrophenol	ND	2.5	2	08/25/2022 17:11
4-Nitrophenol	ND	2.5	2	08/25/2022 17:11
N-Nitrosodiphenylamine	ND	0.50	2	08/25/2022 17:11
N-Nitrosodi-n-propylamine	ND	0.50	2	08/25/2022 17:11
Pentachlorophenol	ND	0.12	2	08/25/2022 17:11
Phenanthrene	ND	0.010	2	08/25/2022 17:11
Phenol	ND	0.10	2	08/25/2022 17:11
Pyrene	**0.0056**	0.0050	2	08/25/2022 17:11
Pyridine	ND	0.50	2	08/25/2022 17:11
1,2,4-Trichlorobenzene	ND	0.50	2	08/25/2022 17:11
2,4,5-Trichlorophenol	ND	0.0050	2	08/25/2022 17:11
2,4,6-Trichlorophenol	ND	0.026	2	08/25/2022 17:11

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3550B/3640A
Date Prepared:	08/24/2022	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-2-3-6A,B	2208F40-044A	Soil	08/18/2022 10:25	GC47 08252214.D	252526

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
2-Fluorophenol	74	60-130		08/25/2022 17:11
Phenol-d5	75	60-130		08/25/2022 17:11
Nitrobenzene-d5	68	60-130		08/25/2022 17:11
2-Fluorobiphenyl	68	60-130		08/25/2022 17:11
2,4,6-Tribromophenol	56	50-130		08/25/2022 17:11
4-Terphenyl-d14	68	50-130		08/25/2022 17:11

Analyst(s): MV

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3550B/3640A
Date Prepared:	08/24/2022	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-2-6-9A,B	2208F40-045A	Soil	08/18/2022 10:28	GC47 08252215.D	252526

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0026	2	08/25/2022 17:39
Acenaphthylene	ND	0.0026	2	08/25/2022 17:39
Acetochlor	ND	0.50	2	08/25/2022 17:39
Anthracene	ND	0.0026	2	08/25/2022 17:39
Benzidine	ND	2.5	2	08/25/2022 17:39
Benzo (a) anthracene	ND	0.026	2	08/25/2022 17:39
Benzo (a) pyrene	ND	0.0050	2	08/25/2022 17:39
Benzo (b) fluoranthene	ND	0.013	2	08/25/2022 17:39
Benzo (g,h,i) perylene	ND	0.0050	2	08/25/2022 17:39
Benzo (k) fluoranthene	ND	0.0026	2	08/25/2022 17:39
Benzyl Alcohol	ND	2.5	2	08/25/2022 17:39
1,1-Biphenyl	ND	0.026	2	08/25/2022 17:39
Bis (2-chloroethoxy) Methane	ND	0.50	2	08/25/2022 17:39
Bis (2-chloroethyl) Ether	ND	0.0026	2	08/25/2022 17:39
Bis (2-chloroisopropyl) Ether	ND	0.0050	2	08/25/2022 17:39
Bis (2-ethylhexyl) Adipate	ND	0.50	2	08/25/2022 17:39
Bis (2-ethylhexyl) Phthalate	ND	0.050	2	08/25/2022 17:39
4-Bromophenyl Phenyl Ether	ND	0.50	2	08/25/2022 17:39
Butylbenzyl Phthalate	ND	0.050	2	08/25/2022 17:39
4-Chloroaniline	ND	0.0050	2	08/25/2022 17:39
4-Chloro-3-methylphenol	ND	0.50	2	08/25/2022 17:39
2-Chloronaphthalene	ND	0.50	2	08/25/2022 17:39
2-Chlorophenol	ND	0.026	2	08/25/2022 17:39
4-Chlorophenyl Phenyl Ether	ND	0.50	2	08/25/2022 17:39
Chrysene	ND	0.0050	2	08/25/2022 17:39
Dibenzo (a,h) anthracene	ND	0.0050	2	08/25/2022 17:39
Dibenzofuran	ND	0.0026	2	08/25/2022 17:39
Di-n-butyl Phthalate	ND	0.026	2	08/25/2022 17:39
1,2-Dichlorobenzene	ND	0.50	2	08/25/2022 17:39
1,3-Dichlorobenzene	ND	0.50	2	08/25/2022 17:39
1,4-Dichlorobenzene	ND	0.50	2	08/25/2022 17:39
3,3-Dichlorobenzidine	ND	0.0050	2	08/25/2022 17:39
2,4-Dichlorophenol	ND	0.0050	2	08/25/2022 17:39
Diethyl Phthalate	ND	0.026	2	08/25/2022 17:39
2,4-Dimethylphenol	ND	0.50	2	08/25/2022 17:39
Dimethyl Phthalate	ND	0.0050	2	08/25/2022 17:39
4,6-Dinitro-2-methylphenol	ND	2.5	2	08/25/2022 17:39

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3550B/3640A
Date Prepared:	08/24/2022	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-2-6-9A,B	2208F40-045A	Soil	08/18/2022 10:28	GC47 08252215.D	252526

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.50	2	08/25/2022 17:39
2,4-Dinitrotoluene	ND	0.026	2	08/25/2022 17:39
2,6-Dinitrotoluene	ND	0.25	2	08/25/2022 17:39
Di-n-octyl Phthalate	ND	1.0	2	08/25/2022 17:39
1,2-Diphenylhydrazine	ND	0.50	2	08/25/2022 17:39
Fluoranthene	**0.0049**	0.0026	2	08/25/2022 17:39
Fluorene	ND	0.0050	2	08/25/2022 17:39
Hexachlorobenzene	ND	0.0026	2	08/25/2022 17:39
Hexachlorobutadiene	ND	0.0050	2	08/25/2022 17:39
Hexachlorocyclopentadiene	ND	4.0	2	08/25/2022 17:39
Hexachloroethane	ND	0.026	2	08/25/2022 17:39
Indeno (1,2,3-cd) pyrene	ND	0.026	2	08/25/2022 17:39
Isophorone	ND	0.50	2	08/25/2022 17:39
1-Methylnaphthalene	ND	0.0026	2	08/25/2022 17:39
2-Methylnaphthalene	ND	0.0050	2	08/25/2022 17:39
2-Methylphenol (o-Cresol)	ND	0.50	2	08/25/2022 17:39
3 & 4-Methylphenol (m,p-Cresol)	ND	0.50	2	08/25/2022 17:39
Naphthalene	ND	0.012	2	08/25/2022 17:39
2-Nitroaniline	ND	2.5	2	08/25/2022 17:39
3-Nitroaniline	ND	2.5	2	08/25/2022 17:39
4-Nitroaniline	ND	2.5	2	08/25/2022 17:39
Nitrobenzene	ND	0.50	2	08/25/2022 17:39
2-Nitrophenol	ND	2.5	2	08/25/2022 17:39
4-Nitrophenol	ND	2.5	2	08/25/2022 17:39
N-Nitrosodiphenylamine	ND	0.50	2	08/25/2022 17:39
N-Nitrosodi-n-propylamine	ND	0.50	2	08/25/2022 17:39
Pentachlorophenol	ND	0.12	2	08/25/2022 17:39
Phenanthrene	ND	0.010	2	08/25/2022 17:39
Phenol	ND	0.10	2	08/25/2022 17:39
Pyrene	**0.0053**	0.0050	2	08/25/2022 17:39
Pyridine	ND	0.50	2	08/25/2022 17:39
1,2,4-Trichlorobenzene	ND	0.50	2	08/25/2022 17:39
2,4,5-Trichlorophenol	ND	0.0050	2	08/25/2022 17:39
2,4,6-Trichlorophenol	ND	0.026	2	08/25/2022 17:39

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3550B/3640A
Date Prepared:	08/24/2022	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-2-6-9A,B	2208F40-045A	Soil	08/18/2022 10:28	GC47 08252215.D	252526

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
2-Fluorophenol	82	60-130		08/25/2022 17:39
Phenol-d5	85	60-130		08/25/2022 17:39
Nitrobenzene-d5	76	60-130		08/25/2022 17:39
2-Fluorobiphenyl	74	60-130		08/25/2022 17:39
2,4,6-Tribromophenol	64	50-130		08/25/2022 17:39
4-Terphenyl-d14	80	50-130		08/25/2022 17:39

Analyst(s): MV

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3550B/3640A
Date Prepared:	08/24/2022	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-3-3-6A,B	2208F40-046A	Soil	08/18/2022 10:40	GC47 08252216.D	252526

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	08/25/2022 18:07
Acenaphthylene	**0.0015**	0.0013	1	08/25/2022 18:07
Acetochlor	ND	0.25	1	08/25/2022 18:07
Anthracene	ND	0.0013	1	08/25/2022 18:07
Benzidine	ND	1.2	1	08/25/2022 18:07
Benzo (a) anthracene	ND	0.013	1	08/25/2022 18:07
Benzo (a) pyrene	**0.0071**	0.0025	1	08/25/2022 18:07
Benzo (b) fluoranthene	**0.0073**	0.0063	1	08/25/2022 18:07
Benzo (g,h,i) perylene	**0.0058**	0.0025	1	08/25/2022 18:07
Benzo (k) fluoranthene	**0.0025**	0.0013	1	08/25/2022 18:07
Benzyl Alcohol	ND	1.2	1	08/25/2022 18:07
1,1-Biphenyl	ND	0.013	1	08/25/2022 18:07
Bis (2-chloroethoxy) Methane	ND	0.25	1	08/25/2022 18:07
Bis (2-chloroethyl) Ether	ND	0.0013	1	08/25/2022 18:07
Bis (2-chloroisopropyl) Ether	ND	0.0025	1	08/25/2022 18:07
Bis (2-ethylhexyl) Adipate	ND	0.25	1	08/25/2022 18:07
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	08/25/2022 18:07
4-Bromophenyl Phenyl Ether	ND	0.25	1	08/25/2022 18:07
Butylbenzyl Phthalate	ND	0.025	1	08/25/2022 18:07
4-Chloroaniline	ND	0.0025	1	08/25/2022 18:07
4-Chloro-3-methylphenol	ND	0.25	1	08/25/2022 18:07
2-Chloronaphthalene	ND	0.25	1	08/25/2022 18:07
2-Chlorophenol	ND	0.013	1	08/25/2022 18:07
4-Chlorophenyl Phenyl Ether	ND	0.25	1	08/25/2022 18:07
Chrysene	**0.0028**	0.0025	1	08/25/2022 18:07
Dibenzo (a,h) anthracene	ND	0.0025	1	08/25/2022 18:07
Dibenzofuran	ND	0.0013	1	08/25/2022 18:07
Di-n-butyl Phthalate	ND	0.013	1	08/25/2022 18:07
1,2-Dichlorobenzene	ND	0.25	1	08/25/2022 18:07
1,3-Dichlorobenzene	ND	0.25	1	08/25/2022 18:07
1,4-Dichlorobenzene	ND	0.25	1	08/25/2022 18:07
3,3-Dichlorobenzidine	ND	0.0025	1	08/25/2022 18:07
2,4-Dichlorophenol	ND	0.0025	1	08/25/2022 18:07
Diethyl Phthalate	ND	0.013	1	08/25/2022 18:07
2,4-Dimethylphenol	ND	0.25	1	08/25/2022 18:07
Dimethyl Phthalate	ND	0.0025	1	08/25/2022 18:07
4,6-Dinitro-2-methylphenol	ND	1.2	1	08/25/2022 18:07

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3550B/3640A
Date Prepared:	08/24/2022	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-3-3-6A,B	2208F40-046A	Soil	08/18/2022 10:40	GC47 08252216.D	252526

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	08/25/2022 18:07
2,4-Dinitrotoluene	ND	0.013	1	08/25/2022 18:07
2,6-Dinitrotoluene	ND	0.12	1	08/25/2022 18:07
Di-n-octyl Phthalate	ND	0.50	1	08/25/2022 18:07
1,2-Diphenylhydrazine	ND	0.25	1	08/25/2022 18:07
Fluoranthene	**0.0062**	0.0013	1	08/25/2022 18:07
Fluorene	ND	0.0025	1	08/25/2022 18:07
Hexachlorobenzene	ND	0.0013	1	08/25/2022 18:07
Hexachlorobutadiene	ND	0.0025	1	08/25/2022 18:07
Hexachlorocyclopentadiene	ND	2.0	1	08/25/2022 18:07
Hexachloroethane	ND	0.013	1	08/25/2022 18:07
Indeno (1,2,3-cd) pyrene	ND	0.013	1	08/25/2022 18:07
Isophorone	ND	0.25	1	08/25/2022 18:07
1-Methylnaphthalene	ND	0.0013	1	08/25/2022 18:07
2-Methylnaphthalene	ND	0.0025	1	08/25/2022 18:07
2-Methylphenol (o-Cresol)	ND	0.25	1	08/25/2022 18:07
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	08/25/2022 18:07
Naphthalene	ND	0.0062	1	08/25/2022 18:07
2-Nitroaniline	ND	1.2	1	08/25/2022 18:07
3-Nitroaniline	ND	1.2	1	08/25/2022 18:07
4-Nitroaniline	ND	1.2	1	08/25/2022 18:07
Nitrobenzene	ND	0.25	1	08/25/2022 18:07
2-Nitrophenol	ND	1.2	1	08/25/2022 18:07
4-Nitrophenol	ND	1.2	1	08/25/2022 18:07
N-Nitrosodiphenylamine	ND	0.25	1	08/25/2022 18:07
N-Nitrosodi-n-propylamine	ND	0.25	1	08/25/2022 18:07
Pentachlorophenol	ND	0.062	1	08/25/2022 18:07
Phenanthrene	ND	0.0050	1	08/25/2022 18:07
Phenol	ND	0.050	1	08/25/2022 18:07
Pyrene	**0.0074**	0.0025	1	08/25/2022 18:07
Pyridine	ND	0.25	1	08/25/2022 18:07
1,2,4-Trichlorobenzene	ND	0.25	1	08/25/2022 18:07
2,4,5-Trichlorophenol	ND	0.0025	1	08/25/2022 18:07
2,4,6-Trichlorophenol	ND	0.013	1	08/25/2022 18:07

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3550B/3640A
Date Prepared:	08/24/2022	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-3-3-6A,B	2208F40-046A	Soil	08/18/2022 10:40	GC47 08252216.D	252526

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
2-Fluorophenol	101	60-130		08/25/2022 18:07
Phenol-d5	102	60-130		08/25/2022 18:07
Nitrobenzene-d5	90	60-130		08/25/2022 18:07
2-Fluorobiphenyl	98	60-130		08/25/2022 18:07
2,4,6-Tribromophenol	79	50-130		08/25/2022 18:07
4-Terphenyl-d14	92	50-130		08/25/2022 18:07

Analyst(s): MV

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3550B/3640A
Date Prepared:	08/24/2022	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-3-6-9A,B	2208F40-047A	Soil	08/18/2022 10:43	GC47 08252217.D	252526

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	08/25/2022 18:35
Acenaphthylene	ND	0.0013	1	08/25/2022 18:35
Acetochlor	ND	0.25	1	08/25/2022 18:35
Anthracene	ND	0.0013	1	08/25/2022 18:35
Benzidine	ND	1.2	1	08/25/2022 18:35
Benzo (a) anthracene	ND	0.013	1	08/25/2022 18:35
Benzo (a) pyrene	ND	0.0025	1	08/25/2022 18:35
Benzo (b) fluoranthene	ND	0.0063	1	08/25/2022 18:35
Benzo (g,h,i) perylene	ND	0.0025	1	08/25/2022 18:35
Benzo (k) fluoranthene	**0.0013**	0.0013	1	08/25/2022 18:35
Benzyl Alcohol	ND	1.2	1	08/25/2022 18:35
1,1-Biphenyl	ND	0.013	1	08/25/2022 18:35
Bis (2-chloroethoxy) Methane	ND	0.25	1	08/25/2022 18:35
Bis (2-chloroethyl) Ether	ND	0.0013	1	08/25/2022 18:35
Bis (2-chloroisopropyl) Ether	ND	0.0025	1	08/25/2022 18:35
Bis (2-ethylhexyl) Adipate	ND	0.25	1	08/25/2022 18:35
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	08/25/2022 18:35
4-Bromophenyl Phenyl Ether	ND	0.25	1	08/25/2022 18:35
Butylbenzyl Phthalate	ND	0.025	1	08/25/2022 18:35
4-Chloroaniline	ND	0.0025	1	08/25/2022 18:35
4-Chloro-3-methylphenol	ND	0.25	1	08/25/2022 18:35
2-Chloronaphthalene	ND	0.25	1	08/25/2022 18:35
2-Chlorophenol	ND	0.013	1	08/25/2022 18:35
4-Chlorophenyl Phenyl Ether	ND	0.25	1	08/25/2022 18:35
Chrysene	ND	0.0025	1	08/25/2022 18:35
Dibenzo (a,h) anthracene	ND	0.0025	1	08/25/2022 18:35
Dibenzofuran	ND	0.0013	1	08/25/2022 18:35
Di-n-butyl Phthalate	ND	0.013	1	08/25/2022 18:35
1,2-Dichlorobenzene	ND	0.25	1	08/25/2022 18:35
1,3-Dichlorobenzene	ND	0.25	1	08/25/2022 18:35
1,4-Dichlorobenzene	ND	0.25	1	08/25/2022 18:35
3,3-Dichlorobenzidine	ND	0.0025	1	08/25/2022 18:35
2,4-Dichlorophenol	ND	0.0025	1	08/25/2022 18:35
Diethyl Phthalate	ND	0.013	1	08/25/2022 18:35
2,4-Dimethylphenol	ND	0.25	1	08/25/2022 18:35
Dimethyl Phthalate	ND	0.0025	1	08/25/2022 18:35
4,6-Dinitro-2-methylphenol	ND	1.2	1	08/25/2022 18:35

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3550B/3640A
Date Prepared:	08/24/2022	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-3-6-9A,B	2208F40-047A	Soil	08/18/2022 10:43	GC47 08252217.D	252526

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	08/25/2022 18:35
2,4-Dinitrotoluene	ND	0.013	1	08/25/2022 18:35
2,6-Dinitrotoluene	ND	0.12	1	08/25/2022 18:35
Di-n-octyl Phthalate	ND	0.50	1	08/25/2022 18:35
1,2-Diphenylhydrazine	ND	0.25	1	08/25/2022 18:35
Fluoranthene	**0.0025**	0.0013	1	08/25/2022 18:35
Fluorene	ND	0.0025	1	08/25/2022 18:35
Hexachlorobenzene	ND	0.0013	1	08/25/2022 18:35
Hexachlorobutadiene	ND	0.0025	1	08/25/2022 18:35
Hexachlorocyclopentadiene	ND	2.0	1	08/25/2022 18:35
Hexachloroethane	ND	0.013	1	08/25/2022 18:35
Indeno (1,2,3-cd) pyrene	ND	0.013	1	08/25/2022 18:35
Isophorone	ND	0.25	1	08/25/2022 18:35
1-Methylnaphthalene	ND	0.0013	1	08/25/2022 18:35
2-Methylnaphthalene	ND	0.0025	1	08/25/2022 18:35
2-Methylphenol (o-Cresol)	ND	0.25	1	08/25/2022 18:35
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	08/25/2022 18:35
Naphthalene	ND	0.0062	1	08/25/2022 18:35
2-Nitroaniline	ND	1.2	1	08/25/2022 18:35
3-Nitroaniline	ND	1.2	1	08/25/2022 18:35
4-Nitroaniline	ND	1.2	1	08/25/2022 18:35
Nitrobenzene	ND	0.25	1	08/25/2022 18:35
2-Nitrophenol	ND	1.2	1	08/25/2022 18:35
4-Nitrophenol	ND	1.2	1	08/25/2022 18:35
N-Nitrosodiphenylamine	ND	0.25	1	08/25/2022 18:35
N-Nitrosodi-n-propylamine	ND	0.25	1	08/25/2022 18:35
Pentachlorophenol	ND	0.062	1	08/25/2022 18:35
Phenanthrene	ND	0.0050	1	08/25/2022 18:35
Phenol	ND	0.050	1	08/25/2022 18:35
Pyrene	ND	0.0025	1	08/25/2022 18:35
Pyridine	ND	0.25	1	08/25/2022 18:35
1,2,4-Trichlorobenzene	ND	0.25	1	08/25/2022 18:35
2,4,5-Trichlorophenol	ND	0.0025	1	08/25/2022 18:35
2,4,6-Trichlorophenol	ND	0.013	1	08/25/2022 18:35

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3550B/3640A
Date Prepared:	08/24/2022	**Analytical Method:**	SW8270C
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-3-6-9A,B	2208F40-047A	Soil	08/18/2022 10:43	GC47 08252217.D	252526

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
2-Fluorophenol	87	60-130		08/25/2022 18:35
Phenol-d5	93	60-130		08/25/2022 18:35
Nitrobenzene-d5	81	60-130		08/25/2022 18:35
2-Fluorobiphenyl	85	60-130		08/25/2022 18:35
2,4,6-Tribromophenol	69	50-130		08/25/2022 18:35
4-Terphenyl-d14	78	50-130		08/25/2022 18:35

Analyst(s): MV

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3050B
Date Prepared:	08/24/2022	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-1-3-6A,B	**2208F40-042A**	**Soil**	**08/18/2022 09:45**	**ICP-MS4 144SMPL.d**	**252409**

Analytes	Result	RL	DF	Date Analyzed
Antimony	**1.1**	0.50	1	08/24/2022 18:48
Arsenic	**6.5**	0.50	1	08/24/2022 18:48
Barium	**170**	5.0	1	08/24/2022 18:48
Beryllium	**0.77**	0.50	1	08/24/2022 18:48
Cadmium	ND	0.50	1	08/24/2022 18:48
Chromium	**58**	0.50	1	08/24/2022 18:48
Cobalt	**18**	0.50	1	08/24/2022 18:48
Copper	**39**	0.50	1	08/24/2022 18:48
Lead	**47**	0.50	1	08/24/2022 18:48
Mercury	**0.22**	0.050	1	08/24/2022 18:48
Molybdenum	**0.59**	0.50	1	08/24/2022 18:48
Nickel	**57**	0.50	1	08/24/2022 18:48
Selenium	ND	0.50	1	08/24/2022 18:48
Silver	ND	0.50	1	08/24/2022 18:48
Thallium	ND	0.50	1	08/24/2022 18:48
Vanadium	**86**	0.50	1	08/24/2022 18:48
Zinc	**92**	5.0	1	08/24/2022 18:48

Surrogates	REC (%)	Limits	
Terbium	101	70-130	08/24/2022 18:48

Analyst(s): WV

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3050B
Date Prepared:	08/24/2022	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-1-6-9A,B	2208F40-043A	Soil	08/18/2022 09:55	ICP-MS4 145SMPL.d	252409

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	08/24/2022 18:52
Arsenic	**5.4**	0.50	1	08/24/2022 18:52
Barium	**98**	5.0	1	08/24/2022 18:52
Beryllium	ND	0.50	1	08/24/2022 18:52
Cadmium	ND	0.50	1	08/24/2022 18:52
Chromium	**81**	0.50	1	08/24/2022 18:52
Cobalt	**11**	0.50	1	08/24/2022 18:52
Copper	**27**	0.50	1	08/24/2022 18:52
Lead	**26**	0.50	1	08/24/2022 18:52
Mercury	**0.13**	0.050	1	08/24/2022 18:52
Molybdenum	**1.2**	0.50	1	08/24/2022 18:52
Nickel	**66**	0.50	1	08/24/2022 18:52
Selenium	ND	0.50	1	08/24/2022 18:52
Silver	**0.54**	0.50	1	08/24/2022 18:52
Thallium	ND	0.50	1	08/24/2022 18:52
Vanadium	**46**	0.50	1	08/24/2022 18:52
Zinc	**77**	5.0	1	08/24/2022 18:52

Surrogates	REC (%)	Limits	
Terbium	104	70-130	08/24/2022 18:52

Analyst(s): WV

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3050B
Date Prepared:	08/24/2022	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-2-3-6A,B	**2208F40-044A**	**Soil**	**08/18/2022 10:25**	**ICP-MS4 146SMPL.d**	**252409**

Analytes	Result	RL	DF	Date Analyzed
Antimony	**1.4**	0.50	1	08/24/2022 18:56
Arsenic	**5.5**	0.50	1	08/24/2022 18:56
Barium	**150**	5.0	1	08/24/2022 18:56
Beryllium	**0.71**	0.50	1	08/24/2022 18:56
Cadmium	ND	0.50	1	08/24/2022 18:56
Chromium	**46**	0.50	1	08/24/2022 18:56
Cobalt	**8.1**	0.50	1	08/24/2022 18:56
Copper	**53**	0.50	1	08/24/2022 18:56
Lead	**73**	0.50	1	08/24/2022 18:56
Mercury	**0.21**	0.050	1	08/24/2022 18:56
Molybdenum	ND	0.50	1	08/24/2022 18:56
Nickel	**40**	0.50	1	08/24/2022 18:56
Selenium	ND	0.50	1	08/24/2022 18:56
Silver	ND	0.50	1	08/24/2022 18:56
Thallium	ND	0.50	1	08/24/2022 18:56
Vanadium	**46**	0.50	1	08/24/2022 18:56
Zinc	**120**	5.0	1	08/24/2022 18:56

Surrogates	REC (%)	Limits	
Terbium	102	70-130	08/24/2022 18:56

Analyst(s): WV

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3050B
Date Prepared:	08/24/2022	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-2-6-9A,B	**2208F40-045A**	**Soil**	**08/18/2022 10:28**	**ICP-MS4 147SMPL.d**	**252409**

Analytes	Result	RL	DF	Date Analyzed
Antimony	**0.66**	0.50	1	08/24/2022 19:00
Arsenic	**5.0**	0.50	1	08/24/2022 19:00
Barium	**210**	5.0	1	08/24/2022 19:00
Beryllium	**0.62**	0.50	1	08/24/2022 19:00
Cadmium	ND	0.50	1	08/24/2022 19:00
Chromium	**580**	2.5	5	08/25/2022 19:18
Cobalt	**49**	0.50	1	08/24/2022 19:00
Copper	**41**	0.50	1	08/24/2022 19:00
Lead	**34**	0.50	1	08/24/2022 19:00
Mercury	**0.16**	0.050	1	08/24/2022 19:00
Molybdenum	**0.63**	0.50	1	08/24/2022 19:00
Nickel	**920**	2.5	5	08/25/2022 19:18
Selenium	ND	0.50	1	08/24/2022 19:00
Silver	ND	0.50	1	08/24/2022 19:00
Thallium	ND	0.50	1	08/24/2022 19:00
Vanadium	**65**	0.50	1	08/24/2022 19:00
Zinc	**96**	5.0	1	08/24/2022 19:00

Surrogates	REC (%)	Limits	
Terbium	100	70-130	08/24/2022 19:00

Analyst(s): WV

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3050B
Date Prepared:	08/24/2022	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-3-3-6A,B	**2208F40-046A**	**Soil**	**08/18/2022 10:40**	**ICP-MS4 148SMPL.d**	**252409**

Analytes	Result	RL	DF	Date Analyzed
Antimony	**3.3**	0.50	1	08/24/2022 19:04
Arsenic	**11**	0.50	1	08/24/2022 19:04
Barium	**130**	5.0	1	08/24/2022 19:04
Beryllium	**0.50**	0.50	1	08/24/2022 19:04
Cadmium	**0.98**	0.50	1	08/24/2022 19:04
Chromium	**88**	0.50	1	08/24/2022 19:04
Cobalt	**16**	0.50	1	08/24/2022 19:04
Copper	**83**	0.50	1	08/24/2022 19:04
Lead	**64**	0.50	1	08/24/2022 19:04
Mercury	**0.38**	0.050	1	08/24/2022 19:04
Molybdenum	**1.8**	0.50	1	08/24/2022 19:04
Nickel	**79**	0.50	1	08/24/2022 19:04
Selenium	ND	0.50	1	08/24/2022 19:04
Silver	ND	0.50	1	08/24/2022 19:04
Thallium	ND	0.50	1	08/24/2022 19:04
Vanadium	**75**	0.50	1	08/24/2022 19:04
Zinc	**150**	5.0	1	08/24/2022 19:04

Surrogates	REC (%)	Limits	
Terbium	104	70-130	08/24/2022 19:04

Analyst(s): WV

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3050B
Date Prepared:	08/24/2022	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-3-6-9A,B	**2208F40-047A**	**Soil**	**08/18/2022 10:43**	**ICP-MS4 149SMPL.d**	**252409**

Analytes	Result	RL	DF	Date Analyzed
Antimony	**0.60**	0.50	1	08/24/2022 19:07
Arsenic	**6.6**	0.50	1	08/24/2022 19:07
Barium	**190**	5.0	1	08/24/2022 19:07
Beryllium	ND	0.50	1	08/24/2022 19:07
Cadmium	ND	0.50	1	08/24/2022 19:07
Chromium	**100**	0.50	1	08/24/2022 19:07
Cobalt	**18**	0.50	1	08/24/2022 19:07
Copper	**37**	0.50	1	08/24/2022 19:07
Lead	**75**	0.50	1	08/24/2022 19:07
Mercury	**0.52**	0.050	1	08/24/2022 19:07
Molybdenum	**0.77**	0.50	1	08/24/2022 19:07
Nickel	**120**	0.50	1	08/24/2022 19:07
Selenium	ND	0.50	1	08/24/2022 19:07
Silver	ND	0.50	1	08/24/2022 19:07
Thallium	ND	0.50	1	08/24/2022 19:07
Vanadium	**98**	0.50	1	08/24/2022 19:07
Zinc	**140**	5.0	1	08/24/2022 19:07

Surrogates	REC (%)	Limits	
Terbium	98	70-130	08/24/2022 19:07

Analyst(s): WV

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	CARB 435 Asbestos
Date Prepared:	08/23/2022	**Analytical Method:**	435 CARB
Project:	770634903; Burlingame Shoreline Park	**Unit:**	%

Asbestos (CARB 435) 400 Point Count

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-5B-10.5	2208F40-028A	Soil	08/19/2022 08:59	Microscope	252852

Analytes	Result	RL	DF	Date Analyzed
Asbestos	ND	0.25	1	08/29/2022 11:05

Analyst(s): DA Analytical Comments: k10

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-5N-10.0	2208F40-029A	Soil	08/19/2022 10:34	Microscope	252852

Analytes	Result	RL	DF	Date Analyzed
Asbestos	ND	0.25	1	08/29/2022 11:25

Analyst(s): DA Analytical Comments: k10

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-5E-10.0	2208F40-030A	Soil	08/19/2022 09:20	Microscope	252852

Analytes	Result	RL	DF	Date Analyzed
Asbestos	ND	0.25	1	08/29/2022 11:45

Analyst(s): DA Analytical Comments: k10

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-5S-10.0	2208F40-032A	Soil	08/19/2022 10:35	Microscope	252852

Analytes	Result	RL	DF	Date Analyzed
Asbestos	ND	0.25	1	08/29/2022 12:45

Analyst(s): DA Analytical Comments: k10

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	CARB 435 Asbestos
Date Prepared:	08/23/2022	**Analytical Method:**	435 CARB
Project:	770634903; Burlingame Shoreline Park	**Unit:**	%

Asbestos (CARB 435) 400 Point Count

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-5W-10.0	2208F40-034A	Soil	08/19/2022 10:03	Microscope	252852

Analytes	Result	RL	DF	Date Analyzed
Asbestos	ND	0.25	1	08/29/2022 13:05

Analyst(s): DA

Analytical Comments: k10

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW5035
Date Prepared:	08/22/2022	**Analytical Method:**	SW8021B/8015Bm
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-22W-3.0	2208F40-004A	Soil	08/18/2022 16:13	GC7 08252238.D	252405

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	08/26/2022 06:17
MTBE	---	0.050	1	08/26/2022 06:17
Benzene	---	0.0050	1	08/26/2022 06:17
Toluene	---	0.0050	1	08/26/2022 06:17
Ethylbenzene	---	0.0050	1	08/26/2022 06:17
m,p-Xylene	---	0.010	1	08/26/2022 06:17
o-Xylene	---	0.0050	1	08/26/2022 06:17
Xylenes	---	0.0050	1	08/26/2022 06:17

Surrogates	REC (%)	Limits	
2-Fluorotoluene	90	62-126	08/26/2022 06:17

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-22S-3.0	2208F40-006A	Soil	08/18/2022 16:20	GC7 08252239.D	252405

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	08/26/2022 06:47
MTBE	---	0.050	1	08/26/2022 06:47
Benzene	---	0.0050	1	08/26/2022 06:47
Toluene	---	0.0050	1	08/26/2022 06:47
Ethylbenzene	---	0.0050	1	08/26/2022 06:47
m,p-Xylene	---	0.010	1	08/26/2022 06:47
o-Xylene	---	0.0050	1	08/26/2022 06:47
Xylenes	---	0.0050	1	08/26/2022 06:47

Surrogates	REC (%)	Limits	
2-Fluorotoluene	86	62-126	08/26/2022 06:47

Analyst(s): IA

(Cont.)

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1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW5035
Date Prepared:	08/22/2022	**Analytical Method:**	SW8021B/8015Bm
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-22N-3.0	2208F40-008A	Soil	08/18/2022 16:33	GC7 08252240.D	252405

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	08/26/2022 07:16
MTBE	---	0.050	1	08/26/2022 07:16
Benzene	---	0.0050	1	08/26/2022 07:16
Toluene	---	0.0050	1	08/26/2022 07:16
Ethylbenzene	---	0.0050	1	08/26/2022 07:16
m,p-Xylene	---	0.010	1	08/26/2022 07:16
o-Xylene	---	0.0050	1	08/26/2022 07:16
Xylenes	---	0.0050	1	08/26/2022 07:16

Surrogates	REC (%)	Limits	
2-Fluorotoluene	87	62-126	08/26/2022 07:16

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-22E-3.0	2208F40-010A	Soil	08/18/2022 16:35	GC19 08262227.D	252405

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	08/27/2022 00:32
MTBE	---	0.050	1	08/27/2022 00:32
Benzene	---	0.0050	1	08/27/2022 00:32
Toluene	---	0.0050	1	08/27/2022 00:32
Ethylbenzene	---	0.0050	1	08/27/2022 00:32
m,p-Xylene	---	0.010	1	08/27/2022 00:32
o-Xylene	---	0.0050	1	08/27/2022 00:32
Xylenes	---	0.0050	1	08/27/2022 00:32

Surrogates	REC (%)	Qualifiers	Limits	
2-Fluorotoluene	57	S	62-126	08/27/2022 00:32

Analyst(s): TD Analytical Comments: c2

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW5035
Date Prepared:	08/22/2022	**Analytical Method:**	SW8021B/8015Bm
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-22B-3.5	**2208F40-011A**	**Soil**	**08/18/2022 16:30**	**GC19 08292211.D**	**252405**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**2.0**	1.0	1	08/29/2022 14:30
MTBE	---	0.050	1	08/29/2022 14:30
Benzene	---	0.0050	1	08/29/2022 14:30
Toluene	---	0.0050	1	08/29/2022 14:30
Ethylbenzene	---	0.0050	1	08/29/2022 14:30
m,p-Xylene	---	0.010	1	08/29/2022 14:30
o-Xylene	---	0.0050	1	08/29/2022 14:30
Xylenes	---	0.0050	1	08/29/2022 14:30

Surrogates	REC (%)	Limits	
2-Fluorotoluene	67	62-126	08/29/2022 14:30

Analyst(s): HD Analytical Comments: d7

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-1-3-6A,B	**2208F40-042A**	**Soil**	**08/18/2022 09:45**	**GC19 08262228.D**	**252405**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	08/27/2022 01:03
MTBE	---	0.050	1	08/27/2022 01:03
Benzene	---	0.0050	1	08/27/2022 01:03
Toluene	---	0.0050	1	08/27/2022 01:03
Ethylbenzene	---	0.0050	1	08/27/2022 01:03
m,p-Xylene	---	0.010	1	08/27/2022 01:03
o-Xylene	---	0.0050	1	08/27/2022 01:03
Xylenes	---	0.0050	1	08/27/2022 01:03

Surrogates	REC (%)	Limits	
2-Fluorotoluene	68	62-126	08/27/2022 01:03

Analyst(s): TD

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW5035
Date Prepared:	08/22/2022	**Analytical Method:**	SW8021B/8015Bm
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-1-6-9A,B	**2208F40-043A**	**Soil**	**08/18/2022 09:55**	**GC7 08262226.D**	**252405**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**4.1**	1.0	1	08/27/2022 00:11
MTBE	---	0.050	1	08/27/2022 00:11
Benzene	---	0.0050	1	08/27/2022 00:11
Toluene	---	0.0050	1	08/27/2022 00:11
Ethylbenzene	---	0.0050	1	08/27/2022 00:11
m,p-Xylene	---	0.010	1	08/27/2022 00:11
o-Xylene	---	0.0050	1	08/27/2022 00:11
Xylenes	---	0.0050	1	08/27/2022 00:11

Surrogates	REC (%)	Limits	
2-Fluorotoluene	75	62-126	08/27/2022 00:11

Analyst(s): TD Analytical Comments: d7,d9

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-2-3-6A,B	**2208F40-044A**	**Soil**	**08/18/2022 10:25**	**GC7 08292214.D**	**252405**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	08/29/2022 15:17
MTBE	---	0.050	1	08/29/2022 15:17
Benzene	---	0.0050	1	08/29/2022 15:17
Toluene	---	0.0050	1	08/29/2022 15:17
Ethylbenzene	---	0.0050	1	08/29/2022 15:17
m,p-Xylene	---	0.010	1	08/29/2022 15:17
o-Xylene	---	0.0050	1	08/29/2022 15:17
Xylenes	---	0.0050	1	08/29/2022 15:17

Surrogates	REC (%)	Limits	
2-Fluorotoluene	68	62-126	08/29/2022 15:17

Analyst(s): TD

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW5035
Date Prepared:	08/22/2022	**Analytical Method:**	SW8021B/8015Bm
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-2-6-9A,B	2208F40-045A	Soil	08/18/2022 10:28	GC7 08262228.D	252405

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	08/27/2022 01:11
MTBE	---	0.050	1	08/27/2022 01:11
Benzene	---	0.0050	1	08/27/2022 01:11
Toluene	---	0.0050	1	08/27/2022 01:11
Ethylbenzene	---	0.0050	1	08/27/2022 01:11
m,p-Xylene	---	0.010	1	08/27/2022 01:11
o-Xylene	---	0.0050	1	08/27/2022 01:11
Xylenes	---	0.0050	1	08/27/2022 01:11

Surrogates	REC (%)	Limits	
2-Fluorotoluene	82	62-126	08/27/2022 01:11

Analyst(s): TD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-3-3-6A,B	2208F40-046A	Soil	08/18/2022 10:40	GC7 08262229.D	252405

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	08/27/2022 01:41
MTBE	---	0.050	1	08/27/2022 01:41
Benzene	---	0.0050	1	08/27/2022 01:41
Toluene	---	0.0050	1	08/27/2022 01:41
Ethylbenzene	---	0.0050	1	08/27/2022 01:41
m,p-Xylene	---	0.010	1	08/27/2022 01:41
o-Xylene	---	0.0050	1	08/27/2022 01:41
Xylenes	---	0.0050	1	08/27/2022 01:41

Surrogates	REC (%)	Limits	
2-Fluorotoluene	75	62-126	08/27/2022 01:41

Analyst(s): TD

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW5035
Date Prepared:	08/22/2022	**Analytical Method:**	SW8021B/8015Bm
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-3-6-9A,B	2208F40-047A	Soil	08/18/2022 10:43	GC7 08262238.D	252405

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	08/27/2022 06:08
MTBE	---	0.050	1	08/27/2022 06:08
Benzene	---	0.0050	1	08/27/2022 06:08
Toluene	---	0.0050	1	08/27/2022 06:08
Ethylbenzene	---	0.0050	1	08/27/2022 06:08
m,p-Xylene	---	0.010	1	08/27/2022 06:08
o-Xylene	---	0.0050	1	08/27/2022 06:08
Xylenes	---	0.0050	1	08/27/2022 06:08

Surrogates	REC (%)	Limits	
2-Fluorotoluene	65	62-126	08/27/2022 06:08

Analyst(s): TD

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3050B
Date Prepared:	08/23/2022-08/24/2022	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-1N-1.5	2208F40-002A	Soil	08/18/2022 15:38	ICP-MS5 198SMPL.d	252403

Analytes	Result	RL	DF	Date Analyzed
Lead	**17**	0.50	1	08/24/2022 17:39

Surrogates	REC (%)	Limits	
Terbium	106	70-130	08/24/2022 17:39

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-3B-2.0	2208F40-012A	Soil	08/18/2022 14:10	ICP-MS5 199SMPL.d	252403

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**4.2**	0.50	1	08/24/2022 17:43

Surrogates	REC (%)	Limits	
Terbium	107	70-130	08/24/2022 17:43

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-3S-1.5	2208F40-013A	Soil	08/18/2022 14:20	ICP-MS5 200SMPL.d	252403

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**8.3**	0.50	1	08/24/2022 17:46

Surrogates	REC (%)	Limits	
Terbium	117	70-130	08/24/2022 17:46

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-3E-1.5	2208F40-015A	Soil	08/18/2022 13:59	ICP-MS5 201SMPL.d	252403

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**6.8**	0.50	1	08/24/2022 17:50

Surrogates	REC (%)	Limits	
Terbium	105	70-130	08/24/2022 17:50

Analyst(s): AL

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3050B
Date Prepared:	08/23/2022-08/24/2022	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-3W-1.5	2208F40-018A	Soil	08/18/2022 14:25	ICP-MS5 202SMPL.d	252403

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**9.3**	0.50	1	08/24/2022 17:53

Surrogates	REC (%)	Limits	
Terbium	108	70-130	08/24/2022 17:53

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-3N-1.5	2208F40-019A	Soil	08/18/2022 15:23	ICP-MS5 203SMPL.d	252403

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**4.7**	0.50	1	08/24/2022 17:57

Surrogates	REC (%)	Limits	
Terbium	104	70-130	08/24/2022 17:57

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-4E-3.0	2208F40-020A	Soil	08/18/2022 11:50	ICP-MS5 204SMPL.d	252403

Analytes	Result	RL	DF	Date Analyzed
Lead	**35**	0.50	1	08/24/2022 18:00

Surrogates	REC (%)	Limits	
Terbium	111	70-130	08/24/2022 18:00

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-4W-3.0	2208F40-022A	Soil	08/18/2022 12:05	ICP-MS5 205SMPL.d	252403

Analytes	Result	RL	DF	Date Analyzed
Lead	**21**	0.50	1	08/24/2022 18:04

Surrogates	REC (%)	Limits	
Terbium	108	70-130	08/24/2022 18:04

Analyst(s): AL

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3050B
Date Prepared:	08/23/2022-08/24/2022	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-4N-3.0	2208F40-024A	Soil	08/18/2022 11:55	ICP-MS5 206SMPL.d	252403

Analytes	Result	RL	DF	Date Analyzed
Lead	**36**	0.50	1	08/24/2022 18:07

Surrogates	REC (%)	Limits	
Terbium	103	70-130	08/24/2022 18:07

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-4B-3.5	2208F40-025A	Soil	08/18/2022 11:34	ICP-MS5 209SMPL.d	252403

Analytes	Result	RL	DF	Date Analyzed
Lead	**32**	0.50	1	08/24/2022 18:17

Surrogates	REC (%)	Limits	
Terbium	106	70-130	08/24/2022 18:17

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-4S-3.0	2208F40-026A	Soil	08/18/2022 11:22	ICP-MS5 210SMPL.d	252403

Analytes	Result	RL	DF	Date Analyzed
Lead	**300**	0.50	1	08/24/2022 18:21

Surrogates	REC (%)	Limits	
Terbium	108	70-130	08/24/2022 18:21

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-5B-10.5	2208F40-028A	Soil	08/19/2022 08:59	ICP-MS5 211SMPL.d	252403

Analytes	Result	RL	DF	Date Analyzed
Lead	**53**	0.50	1	08/24/2022 18:24

Surrogates	REC (%)	Limits	
Terbium	106	70-130	08/24/2022 18:24

Analyst(s): AL

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3050B
Date Prepared:	08/23/2022-08/24/2022	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-5N-10.0	2208F40-029A	Soil	08/19/2022 10:34	ICP-MS5 212SMPL.d	252403

Analytes	Result	RL	DF	Date Analyzed
Lead	**15**	0.50	1	08/24/2022 18:28

Surrogates	REC (%)	Limits	
Terbium	106	70-130	08/24/2022 18:28

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-5E-10.0	2208F40-030A	Soil	08/19/2022 09:20	ICP-MS5 213SMPL.d	252403

Analytes	Result	RL	DF	Date Analyzed
Lead	**32**	0.50	1	08/24/2022 18:31

Surrogates	REC (%)	Limits	
Terbium	111	70-130	08/24/2022 18:31

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-5S-10.0	2208F40-032A	Soil	08/19/2022 10:35	ICP-MS5 214SMPL.d	252403

Analytes	Result	RL	DF	Date Analyzed
Lead	**8.8**	0.50	1	08/24/2022 18:35

Surrogates	REC (%)	Limits	
Terbium	110	70-130	08/24/2022 18:35

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-5W-10.0	2208F40-034A	Soil	08/19/2022 10:03	ICP-MS5 215SMPL.d	252403

Analytes	Result	RL	DF	Date Analyzed
Lead	**13**	0.50	1	08/24/2022 18:38

Surrogates	REC (%)	Limits	
Terbium	104	70-130	08/24/2022 18:38

Analyst(s): AL

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3050B
Date Prepared:	08/23/2022-08/24/2022	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/kg

Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-1B-2.0	2208F40-036A	Soil	08/18/2022 14:58	ICP-MS5 216SMPL.d	252403

Analytes	Result	RL	DF	Date Analyzed
Lead	**38**	0.50	1	08/24/2022 18:42

Surrogates	REC (%)	Limits	
Terbium	103	70-130	08/24/2022 18:42

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-1E-1.5	2208F40-038A	Soil	08/18/2022 14:46	ICP-MS5 163SMPL.d	252409

Analytes	Result	RL	DF	Date Analyzed
Lead	**34**	0.50	1	08/24/2022 15:37

Surrogates	REC (%)	Limits	
Terbium	108	70-130	08/24/2022 15:37

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-1S-1.5	2208F40-039A	Soil	08/18/2022 15:03	ICP-MS5 217SMPL.d	252409

Analytes	Result	RL	DF	Date Analyzed
Lead	**37**	0.50	1	08/24/2022 18:45

Surrogates	REC (%)	Limits	
Terbium	106	70-130	08/24/2022 18:45

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-1W-1.5	2208F40-041A	Soil	08/18/2022 15:18	ICP-MS5 218SMPL.d	252409

Analytes	Result	RL	DF	Date Analyzed
Lead	**49**	0.50	1	08/24/2022 18:49

Surrogates	REC (%)	Limits	
Terbium	113	70-130	08/24/2022 18:49

Analyst(s): AL

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3550B
Date Prepared:	08/22/2022	**Analytical Method:**	SW8015B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-22W-3.0	2208F40-004A	Soil	08/18/2022 16:13	GC6A 08262258.D	252402

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**5.1**	2.0	1	08/27/2022 11:51
TPH-Motor Oil (C18-C36)	**40**	10	1	08/27/2022 11:51

Surrogates	REC (%)	Limits	
C9	93	70-130	08/27/2022 11:51

Analyst(s): JIS Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-22S-3.0	2208F40-006A	Soil	08/18/2022 16:20	GC6A 08262226.D	252402

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**2.2**	2.0	1	08/27/2022 01:27
TPH-Motor Oil (C18-C36)	ND	10	1	08/27/2022 01:27

Surrogates	REC (%)	Limits	
C9	91	70-130	08/27/2022 01:27

Analyst(s): JIS Analytical Comments: e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-22N-3.0	2208F40-008A	Soil	08/18/2022 16:33	GC6B 08262287.D	252402

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**5.4**	2.0	1	08/27/2022 21:43
TPH-Motor Oil (C18-C36)	**55**	10	1	08/27/2022 21:43

Surrogates	REC (%)	Limits	
C9	96	70-130	08/27/2022 21:43

Analyst(s): JIS Analytical Comments: e7,e2

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3550B
Date Prepared:	08/22/2022	**Analytical Method:**	SW8015B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-22E-3.0	2208F40-010A	Soil	08/18/2022 16:35	GC9b 08262243.D	252402

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**6.8**	2.0	1	08/27/2022 07:38
TPH-Motor Oil (C18-C36)	**59**	10	1	08/27/2022 07:38

Surrogates	REC (%)	Limits	
C9	93	70-130	08/27/2022 07:38

Analyst(s): JIS Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-22B-3.5	2208F40-011A	Soil	08/18/2022 16:30	GC6A 08262262.D	252402

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**8.7**	2.0	1	08/27/2022 13:10
TPH-Motor Oil (C18-C36)	**37**	10	1	08/27/2022 13:10

Surrogates	REC (%)	Limits	
C9	94	70-130	08/27/2022 13:10

Analyst(s): JIS Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-1-3-6A,B	2208F40-042A	Soil	08/18/2022 09:45	GC6A 08292218.D	252402

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	10	5	08/29/2022 14:36
TPH-Motor Oil (C18-C36)	**250**	50	5	08/29/2022 14:36

Surrogates	REC (%)	Limits	
C9	108	70-130	08/29/2022 14:36

Analyst(s): JIS Analytical Comments: e7,a3

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3550B
Date Prepared:	08/22/2022	**Analytical Method:**	SW8015B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-1-6-9A,B	2208F40-043A	Soil	08/18/2022 09:55	GC6A 08262286.D	252402

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**5.2**	2.0	1	08/27/2022 21:04
TPH-Motor Oil (C18-C36)	**36**	10	1	08/27/2022 21:04

Surrogates	REC (%)	Limits	
C9	93	70-130	08/27/2022 21:04

Analyst(s): JIS Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-2-3-6A,B	2208F40-044A	Soil	08/18/2022 10:25	GC6B 08262279.D	252402

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**4.2**	2.0	1	08/27/2022 19:07
TPH-Motor Oil (C18-C36)	**46**	10	1	08/27/2022 19:07

Surrogates	REC (%)	Limits	
C9	98	70-130	08/27/2022 19:07

Analyst(s): JIS Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-2-6-9A,B	2208F40-045A	Soil	08/18/2022 10:28	GC9b 08262247.D	252402

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**6.3**	4.0	2	08/27/2022 08:56
TPH-Motor Oil (C18-C36)	**100**	20	2	08/27/2022 08:56

Surrogates	REC (%)	Limits	
C9	90	70-130	08/27/2022 08:56

Analyst(s): JIS Analytical Comments: e7,e2

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW3550B
Date Prepared:	08/22/2022	**Analytical Method:**	SW8015B
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-3-3-6A,B	2208F40-046A	Soil	08/18/2022 10:40	GC6A 08262280.D	252402

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**10**	2.0	1	08/27/2022 19:07
TPH-Motor Oil (C18-C36)	**59**	10	1	08/27/2022 19:07

Surrogates	REC (%)	Limits	
C9	94	70-130	08/27/2022 19:07

Analyst(s): JIS Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-3-6-9A,B	2208F40-047A	Soil	08/18/2022 10:43	GC6A 08262266.D	252402

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**4.0**	2.0	1	08/27/2022 14:30
TPH-Motor Oil (C18-C36)	**31**	10	1	08/27/2022 14:30

Surrogates	REC (%)	Limits	
C9	96	70-130	08/27/2022 14:30

Analyst(s): JIS Analytical Comments: e7,e2

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Quality Control Report

Client:	Langan	**WorkOrder:**	2208F40
Date Prepared:	08/23/2022	**BatchID:**	252435
Date Analyzed:	08/23/2022	**Extraction Method:**	SW3550B/3640Am/3630Cm
Instrument:	GC40	**Analytical Method:**	SW8081A
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-252435

QC Summary Report for SW8081A/8082

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Aldrin	ND	0.000036	0.00010	-	-	-
a-BHC	ND	0.000025	0.00010	-	-	-
b-BHC	ND	0.00025	0.00030	-	-	-
d-BHC	ND	0.00013	0.00020	-	-	-
g-BHC	ND	0.000066	0.00010	-	-	-
Chlordane (Technical)	ND	0.00043	0.0025	-	-	-
a-Chlordane	ND	0.000095	0.00010	-	-	-
g-Chlordane	ND	0.000047	0.00010	-	-	-
p,p-DDD	ND	0.000043	0.00010	-	-	-
p,p-DDE	ND	0.000094	0.00010	-	-	-
p,p-DDT	ND	0.000092	0.00010	-	-	-
Dieldrin	ND	0.000061	0.00010	-	-	-
Endosulfan I	ND	0.000048	0.00010	-	-	-
Endosulfan II	ND	0.000076	0.00010	-	-	-
Endosulfan sulfate	ND	0.000078	0.00010	-	-	-
Endrin	ND	0.000035	0.00010	-	-	-
Endrin aldehyde	ND	0.000067	0.00010	-	-	-
Endrin ketone	ND	0.000084	0.00010	-	-	-
Heptachlor	ND	0.000040	0.00010	-	-	-
Heptachlor epoxide	ND	0.000054	0.00010	-	-	-
Hexachlorobenzene	ND	0.00011	0.0010	-	-	-
Hexachlorocyclopentadiene	ND	0.00034	0.0020	-	-	-
Methoxychlor	ND	0.00013	0.00020	-	-	-
Toxaphene	ND	0.0034	0.0050	-	-	-
Surrogate Recovery						
Decachlorobiphenyl	0.0045			0.005	90	28-170

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Quality Control Report

Client:	Langan	**WorkOrder:**	2208F40
Date Prepared:	08/23/2022	**BatchID:**	252435
Date Analyzed:	08/23/2022	**Extraction Method:**	SW3550B/3640Am/3630Cm
Instrument:	GC40	**Analytical Method:**	SW8081A
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-252435

QC Summary Report for SW8081A/8082

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Aldrin	0.0041	0.0042	0.0050	82	83	31-155	0.977	20
a-BHC	0.0044	0.0045	0.0050	89	89	32-160	0.584	20
b-BHC	0.0036	0.0037	0.0050	72	73	44-149	1.62	20
d-BHC	0.0044	0.0044	0.0050	87	88	37-157	0.607	20
g-BHC	0.0043	0.0043	0.0050	86	86	43-154	0.316	20
a-Chlordane	0.0040	0.0040	0.0050	81	81	39-150	0.330	20
g-Chlordane	0.0041	0.0041	0.0050	82	82	39-151	0.324	20
p,p-DDD	0.0040	0.0042	0.0050	81	84	30-158	4.16	20
p,p-DDE	0.0044	0.0045	0.0050	88	89	47-149	1.65	20
Dieldrin	0.0043	0.0043	0.0050	86	87	50-163	0.327	20
Endosulfan I	0.0041	0.0041	0.0050	83	83	45-159	0.00651	20
Endosulfan II	0.0042	0.0042	0.0050	83	85	41-155	1.91	20
Endosulfan sulfate	0.0040	0.0042	0.0050	81	83	45-156	3.55	20
Endrin	0.0046	0.0045	0.0050	91	90	54-154	0.692	20
Endrin aldehyde	0.0036	0.0037	0.0050	71	73	27-159	3.07	20
Endrin ketone	0.0040	0.0041	0.0050	79	82	40-147	3.42	20
Heptachlor	0.0044	0.0044	0.0050	88	87	52-165	0.940	20
Heptachlor epoxide	0.0042	0.0042	0.0050	85	84	46-145	0.720	20
Hexachlorobenzene	0.0039	0.0039	0.0050	78	77	22-156	0.708	20
Hexachlorocyclopentadiene	0.0025	0.0026	0.0050	50	52	43-173	2.51	20
Methoxychlor	0.0042	0.0042	0.0050	84	85	49-150	0.730	20
Surrogate Recovery								
Decachlorobiphenyl	0.0050	0.0049	0.0050	101	97	28-170	3.17	20

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Quality Control Report

Client:	Langan	**WorkOrder:**	2208F40
Date Prepared:	08/26/2022	**BatchID:**	252754
Date Analyzed:	08/31/2022	**Extraction Method:**	SW3550B/3640Am/3630Cm
Instrument:	GC40	**Analytical Method:**	SW8081A
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-252754

QC Summary Report for SW8081A/8082

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Aldrin	ND	0.000036	0.00010	-	-	-
a-BHC	ND	0.000025	0.00010	-	-	-
b-BHC	ND	0.00025	0.00030	-	-	-
d-BHC	ND	0.00013	0.00020	-	-	-
g-BHC	ND	0.000066	0.00010	-	-	-
Chlordane (Technical)	ND	0.00043	0.0025	-	-	-
a-Chlordane	ND	0.000095	0.00010	-	-	-
g-Chlordane	ND	0.000047	0.00010	-	-	-
p,p-DDD	ND	0.000043	0.00010	-	-	-
p,p-DDE	ND	0.000094	0.00010	-	-	-
p,p-DDT	ND	0.000092	0.00010	-	-	-
Dieldrin	ND	0.000061	0.00010	-	-	-
Endosulfan I	ND	0.000048	0.00010	-	-	-
Endosulfan II	ND	0.000076	0.00010	-	-	-
Endosulfan sulfate	ND	0.000078	0.00010	-	-	-
Endrin	ND	0.000035	0.00010	-	-	-
Endrin aldehyde	ND	0.000067	0.00010	-	-	-
Endrin ketone	ND	0.000084	0.00010	-	-	-
Heptachlor	ND	0.000040	0.00010	-	-	-
Heptachlor epoxide	ND	0.000054	0.00010	-	-	-
Hexachlorobenzene	ND	0.00011	0.0010	-	-	-
Hexachlorocyclopentadiene	ND	0.00034	0.0020	-	-	-
Methoxychlor	ND	0.00013	0.00020	-	-	-
Toxaphene	ND	0.0034	0.0050	-	-	-
Surrogate Recovery						
Decachlorobiphenyl	0.0043			0.005	85	28-170

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Quality Control Report

Client:	Langan	**WorkOrder:**	2208F40
Date Prepared:	08/26/2022	**BatchID:**	252754
Date Analyzed:	08/31/2022	**Extraction Method:**	SW3550B/3640Am/3630Cm
Instrument:	GC40	**Analytical Method:**	SW8081A
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-252754

QC Summary Report for SW8081A/8082

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Aldrin	0.0037	0.0040	0.0050	73	80	31-155	8.26	20
a-BHC	0.0040	0.0043	0.0050	79	85	32-160	7.33	20
b-BHC	0.0034	0.0037	0.0050	69	74	44-149	8.00	20
d-BHC	0.0042	0.0046	0.0050	84	92	37-157	8.65	20
g-BHC	0.0039	0.0043	0.0050	79	85	43-154	7.72	20
a-Chlordane	0.0038	0.0041	0.0050	75	82	39-150	8.64	20
g-Chlordane	0.0038	0.0042	0.0050	77	84	39-151	8.77	20
p,p-DDD	0.0041	0.0045	0.0050	83	90	30-158	8.44	20
p,p-DDE	0.0042	0.0046	0.0050	83	91	47-149	9.20	20
p,p-DDT	0.0043	0.0047	0.0050	87	94	56-166	7.95	20
Dieldrin	0.0042	0.0046	0.0050	83	91	50-163	9.15	20
Endosulfan I	0.0040	0.0043	0.0050	80	86	45-159	6.87	20
Endosulfan II	0.0042	0.0046	0.0050	84	91	41-155	7.64	20
Endosulfan sulfate	0.0041	0.0044	0.0050	83	89	45-156	7.16	20
Endrin	0.0044	0.0047	0.0050	88	95	54-154	7.97	20
Endrin aldehyde	0.0037	0.0039	0.0050	74	78	27-159	4.90	20
Endrin ketone	0.0041	0.0044	0.0050	82	89	40-147	7.97	20
Heptachlor	0.0039	0.0041	0.0050	78	82	52-165	4.79	20
Heptachlor epoxide	0.0040	0.0043	0.0050	80	86	46-145	7.04	20
Hexachlorobenzene	0.0035	0.0038	0.0050	70	75	22-156	6.91	20
Hexachlorocyclopentadiene	0.0021	0.0022	0.0050	41	43	43-173	5.06	20
Methoxychlor	0.0043	0.0047	0.0050	87	93	49-150	7.43	20
Surrogate Recovery								
Decachlorobiphenyl	0.0043	0.0048	0.0050	86	96	28-170	10.7	20

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Quality Control Report

Client:	Langan	**WorkOrder:**	2208F40
Date Prepared:	08/22/2022	**BatchID:**	252377
Date Analyzed:	08/24/2022 - 08/25/2022	**Extraction Method:**	SW5030B
Instrument:	GC28	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-252377

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	0.12	0.20	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.0012	0.0050	-	-	-
Benzene	ND	0.00095	0.0050	-	-	-
Bromobenzene	ND	0.0012	0.0050	-	-	-
Bromochloromethane	ND	0.0011	0.0050	-	-	-
Bromodichloromethane	ND	0.00023	0.0050	-	-	-
Bromoform	ND	0.0038	0.0050	-	-	-
Bromomethane	ND	0.0018	0.0050	-	-	-
2-Butanone (MEK)	ND	0.040	0.10	-	-	-
t-Butyl alcohol (TBA)	ND	0.024	0.050	-	-	-
n-Butyl benzene	ND	0.0016	0.0050	-	-	-
sec-Butyl benzene	ND	0.0018	0.0050	-	-	-
tert-Butyl benzene	ND	0.0021	0.0050	-	-	-
Carbon Disulfide	ND	0.0011	0.0050	-	-	-
Carbon Tetrachloride	ND	0.00017	0.0050	-	-	-
Chlorobenzene	ND	0.0012	0.0050	-	-	-
Chloroethane	ND	0.0017	0.0050	-	-	-
Chloroform	ND	0.00032	0.0050	-	-	-
Chloromethane	ND	0.0017	0.0050	-	-	-
2-Chlorotoluene	ND	0.0016	0.0050	-	-	-
4-Chlorotoluene	ND	0.0013	0.0050	-	-	-
Dibromochloromethane	ND	0.00040	0.0050	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.00048	0.00050	-	-	-
1,2-Dibromoethane (EDB)	ND	0.00013	0.00025	-	-	-
Dibromomethane	ND	0.0012	0.0050	-	-	-
1,2-Dichlorobenzene	ND	0.0017	0.0050	-	-	-
1,3-Dichlorobenzene	ND	0.0015	0.0050	-	-	-
1,4-Dichlorobenzene	ND	0.0015	0.0050	-	-	-
Dichlorodifluoromethane	ND	0.00063	0.0050	-	-	-
1,1-Dichloroethane	ND	0.0015	0.0050	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.000070	0.00010	-	-	-
1,1-Dichloroethene	ND	0.00011	0.0050	-	-	-
cis-1,2-Dichloroethene	ND	0.0012	0.0050	-	-	-
trans-1,2-Dichloroethene	ND	0.0012	0.0050	-	-	-
1,2-Dichloropropane	ND	0.0013	0.0050	-	-	-
1,3-Dichloropropane	ND	0.00088	0.0050	-	-	-
2,2-Dichloropropane	ND	0.0019	0.0050	-	-	-
1,1-Dichloropropene	ND	0.0018	0.0050	-	-	-

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Quality Control Report

Client:	Langan	**WorkOrder:**	2208F40
Date Prepared:	08/22/2022	**BatchID:**	252377
Date Analyzed:	08/24/2022 - 08/25/2022	**Extraction Method:**	SW5030B
Instrument:	GC28	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-252377

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
cis-1,3-Dichloropropene	ND	0.00098	0.0050	-	-	-
trans-1,3-Dichloropropene	ND	0.00097	0.0050	-	-	-
Diisopropyl ether (DIPE)	ND	0.0018	0.0050	-	-	-
Ethylbenzene	ND	0.0011	0.0050	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.0014	0.0050	-	-	-
Freon 113	ND	0.0011	0.0050	-	-	-
Hexachlorobutadiene	ND	0.0012	0.0050	-	-	-
Hexachloroethane	ND	0.00064	0.0050	-	-	-
2-Hexanone	ND	0.0027	0.0050	-	-	-
Isopropylbenzene	ND	0.0018	0.0050	-	-	-
4-Isopropyl toluene	ND	0.0019	0.0050	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.0015	0.0050	-	-	-
Methylene chloride	ND	0.012	0.020	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.0017	0.0050	-	-	-
Naphthalene	ND	0.0030	0.0050	-	-	-
n-Propyl benzene	ND	0.0019	0.0050	-	-	-
Styrene	ND	0.0014	0.0050	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.0013	0.0050	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.00044	0.0050	-	-	-
Tetrachloroethene	ND	0.00029	0.0050	-	-	-
Toluene	ND	0.0016	0.0050	-	-	-
1,2,3-Trichlorobenzene	ND	0.0021	0.0050	-	-	-
1,2,4-Trichlorobenzene	ND	0.0016	0.0050	-	-	-
1,1,1-Trichloroethane	ND	0.0016	0.0050	-	-	-
1,1,2-Trichloroethane	ND	0.0012	0.0050	-	-	-
Trichloroethene	ND	0.0014	0.0050	-	-	-
Trichlorofluoromethane	ND	0.0013	0.0050	-	-	-
1,2,3-Trichloropropane	ND	0.00017	0.00025	-	-	-
1,2,4-Trimethylbenzene	ND	0.0016	0.0050	-	-	-
1,3,5-Trimethylbenzene	ND	0.0017	0.0050	-	-	-
Vinyl Chloride	ND	0.00012	0.00025	-	-	-
m,p-Xylene	ND	0.0026	0.0050	-	-	-
o-Xylene	ND	0.0014	0.0050	-	-	-

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Quality Control Report

Client:	Langan	**WorkOrder:**	2208F40
Date Prepared:	08/22/2022	**BatchID:**	252377
Date Analyzed:	08/24/2022 - 08/25/2022	**Extraction Method:**	SW5030B
Instrument:	GC28	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-252377

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
Dibromofluoromethane	0.11			0.125	86	70-140
Toluene-d8	0.12			0.125	93	70-140
4-BFB	0.013			0.0125	105	70-140
Benzene-d6	0.087			0.1	87	70-140
Ethylbenzene-d10	0.096			0.1	96	70-140
1,2-DCB-d4	0.078			0.1	78	70-140

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Quality Control Report

Client:	Langan	**WorkOrder:**	2208F40
Date Prepared:	08/22/2022	**BatchID:**	252377
Date Analyzed:	08/24/2022 - 08/25/2022	**Extraction Method:**	SW5030B
Instrument:	GC28	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-252377

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	0.23	0.22	0.20	116	112	60-140	2.86	30
tert-Amyl methyl ether (TAME)	0.015	0.014	0.020	74	72	50-140	3.45	30
Benzene	0.017	0.017	0.020	85	83	60-140	2.54	30
Bromobenzene	0.020	0.019	0.020	99	95	60-140	3.91	30
Bromochloromethane	0.017	0.017	0.020	87	86	60-140	0.732	30
Bromodichloromethane	0.017	0.016	0.020	84	82	60-140	2.13	30
Bromoform	0.014	0.013	0.020	69	67	40-140	3.14	30
Bromomethane	0.013	0.013	0.020	64	64	30-140	0.340	30
2-Butanone (MEK)	0.053	0.050	0.080	67	62	50-140	7.39	30
t-Butyl alcohol (TBA)	0.084	0.080	0.080	105	100	50-140	5.31	30
n-Butyl benzene	0.025	0.024	0.020	126	121	60-150	3.72	30
sec-Butyl benzene	0.025	0.024	0.020	125	120	60-150	4.26	30
tert-Butyl benzene	0.023	0.023	0.020	116	113	60-140	3.21	30
Carbon Disulfide	0.018	0.017	0.020	89	85	50-140	3.82	30
Carbon Tetrachloride	0.017	0.016	0.020	83	81	60-140	2.19	30
Chlorobenzene	0.019	0.019	0.020	95	93	60-140	2.35	30
Chloroethane	0.013	0.013	0.020	64	65	50-140	1.70	30
Chloroform	0.018	0.018	0.020	90	89	60-140	2.08	30
Chloromethane	0.012	0.012	0.020	62	59	20-140	5.49	30
2-Chlorotoluene	0.022	0.021	0.020	108	104	60-140	4.24	30
4-Chlorotoluene	0.022	0.021	0.020	112	107	60-140	4.06	30
Dibromochloromethane	0.018	0.018	0.020	91	89	50-140	2.97	30
1,2-Dibromo-3-chloropropane	0.0094	0.0089	0.0080	117	111	30-140	5.58	30
1,2-Dibromoethane (EDB)	0.010	0.010	0.010	104	101	40-140	2.93	30
Dibromomethane	0.017	0.016	0.020	83	80	60-140	3.14	30
1,2-Dichlorobenzene	0.018	0.017	0.020	89	84	60-140	6.29	30
1,3-Dichlorobenzene	0.020	0.019	0.020	101	96	60-140	4.46	30
1,4-Dichlorobenzene	0.020	0.019	0.020	98	96	60-140	2.99	30
Dichlorodifluoromethane	0.0071	0.0069	0.020	35	35	10-140	2.40	30
1,1-Dichloroethane	0.017	0.016	0.020	84	82	60-140	2.36	30
1,2-Dichloroethane (1,2-DCA)	0.016	0.015	0.020	79	77	60-140	2.65	30
1,1-Dichloroethene	0.017	0.017	0.020	85	83	60-140	2.64	30
cis-1,2-Dichloroethene	0.017	0.017	0.020	87	84	60-140	3.43	30
trans-1,2-Dichloroethene	0.017	0.016	0.020	83	81	60-140	1.45	30
1,2-Dichloropropane	0.017	0.017	0.020	85	83	60-140	2.47	30
1,3-Dichloropropane	0.018	0.017	0.020	88	85	60-140	3.34	30
2,2-Dichloropropane	0.017	0.017	0.020	85	83	60-140	2.79	30
1,1-Dichloropropene	0.017	0.017	0.020	85	83	60-140	2.19	30

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Quality Control Report

Client:	Langan	**WorkOrder:**	2208F40
Date Prepared:	08/22/2022	**BatchID:**	252377
Date Analyzed:	08/24/2022 - 08/25/2022	**Extraction Method:**	SW5030B
Instrument:	GC28	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-252377

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.019	0.018	0.020	94	90	60-140	3.86	30
trans-1,3-Dichloropropene	0.017	0.017	0.020	87	84	60-140	3.66	30
Diisopropyl ether (DIPE)	0.015	0.015	0.020	75	73	60-140	3.03	30
Ethylbenzene	0.020	0.019	0.020	99	96	60-140	2.22	30
Ethyl tert-butyl ether (ETBE)	0.015	0.014	0.020	74	71	60-140	2.91	30
Freon 113	0.015	0.014	0.020	73	70	50-140	4.54	30
Hexachlorobutadiene	0.022	0.021	0.020	108	106	60-140	1.61	30
Hexachloroethane	0.022	0.021	0.020	109	106	60-140	2.83	30
2-Hexanone	0.017	0.017	0.020	84	83	40-140	1.44	30
Isopropylbenzene	0.025	0.024	0.020	124	119	60-140	3.80	30
4-Isopropyl toluene	0.025	0.024	0.020	123	118	60-150	3.81	30
Methyl-t-butyl ether (MTBE)	0.015	0.015	0.020	77	76	50-140	1.32	30
Methylene chloride	0.021	0.020	0.020	106	102	60-140	3.73	30
4-Methyl-2-pentanone (MIBK)	0.016	0.016	0.020	81	79	50-140	3.27	30
Naphthalene	0.016	0.015	0.020	78	74	30-140	4.65	30
n-Propyl benzene	0.024	0.023	0.020	122	117	60-140	3.85	30
Styrene	0.018	0.017	0.020	89	87	60-140	2.21	30
1,1,1,2-Tetrachloroethane	0.018	0.017	0.020	90	86	60-140	3.71	30
1,1,2,2-Tetrachloroethane	0.020	0.019	0.020	101	96	40-140	4.86	30
Tetrachloroethene	0.020	0.019	0.020	98	95	60-140	2.51	30
Toluene	0.019	0.019	0.020	94	93	60-140	1.92	30
1,2,3-Trichlorobenzene	0.017	0.017	0.020	84	84	40-140	0.0782	30
1,2,4-Trichlorobenzene	0.016	0.016	0.020	82	82	50-140	0.678	30
1,1,1-Trichloroethane	0.016	0.016	0.020	80	79	60-140	2.02	30
1,1,2-Trichloroethane	0.018	0.017	0.020	88	85	60-140	3.30	30
Trichloroethene	0.018	0.018	0.020	91	90	60-140	1.49	30
Trichlorofluoromethane	0.014	0.014	0.020	73	70	50-140	4.08	30
1,2,3-Trichloropropane	0.011	0.010	0.010	106	102	60-130	4.18	30
1,2,4-Trimethylbenzene	0.023	0.022	0.020	114	109	30-140	4.40	30
1,3,5-Trimethylbenzene	0.023	0.023	0.020	117	114	60-140	2.93	30
Vinyl Chloride	0.0068	0.0066	0.010	68	66	30-140	3.71	30
m,p-Xylene	0.039	0.038	0.040	96	94	60-140	2.52	30
o-Xylene	0.019	0.018	0.020	93	91	60-140	2.20	30

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Quality Control Report

Client:	Langan	**WorkOrder:**	2208F40
Date Prepared:	08/22/2022	**BatchID:**	252377
Date Analyzed:	08/24/2022 - 08/25/2022	**Extraction Method:**	SW5030B
Instrument:	GC28	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-252377

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
Dibromofluoromethane	0.11	0.10	0.12	87	83	70-140	5.23	30
Toluene-d8	0.12	0.12	0.12	95	93	70-140	1.65	30
4-BFB	0.013	0.013	0.012	105	101	70-140	3.34	30
Benzene-d6	0.089	0.087	0.10	89	87	70-140	2.58	30
Ethylbenzene-d10	0.10	0.098	0.10	100	98	70-140	2.68	30
1,2-DCB-d4	0.084	0.080	0.10	84	80	70-140	5.64	30

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Quality Control Report

Client:	Langan	**WorkOrder:**	2208F40
Date Prepared:	08/24/2022	**BatchID:**	252526
Date Analyzed:	08/24/2022	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17, GC48	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-252526

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
2,3,4,6-Tetrachlorophenol	ND	0.15	0.25	-	-	-
Benzoic Acid	ND	0.62	1.2	-	-	-
Acenaphthene	ND	0.00044	0.0013	-	-	-
Acenaphthylene	ND	0.00023	0.0013	-	-	-
Acetochlor	ND	0.11	0.25	-	-	-
Anthracene	ND	0.00060	0.0013	-	-	-
Benzidine	ND	0.40	1.2	-	-	-
Benzo (a) anthracene	ND	0.0030	0.013	-	-	-
Benzo (a) pyrene	ND	0.00078	0.0025	-	-	-
Benzo (b) fluoranthene	ND	0.0029	0.0063	-	-	-
Benzo (g,h,i) perylene	ND	0.00086	0.0025	-	-	-
Benzo (k) fluoranthene	ND	0.0012	0.0013	-	-	-
Benzyl Alcohol	ND	0.73	1.2	-	-	-
1,1-Biphenyl	ND	0.0054	0.013	-	-	-
Bis (2-chloroethoxy) Methane	ND	0.13	0.25	-	-	-
Bis (2-chloroethyl) Ether	ND	0.00033	0.0013	-	-	-
Bis (2-chloroisopropyl) Ether	ND	0.0012	0.0025	-	-	-
Bis (2-ethylhexyl) Adipate	ND	0.18	0.25	-	-	-
Bis (2-ethylhexyl) Phthalate	ND	0.0079	0.025	-	-	-
4-Bromophenyl Phenyl Ether	ND	0.12	0.25	-	-	-
Butylbenzyl Phthalate	ND	0.0057	0.025	-	-	-
4-Chloroaniline	ND	0.00099	0.0025	-	-	-
4-Chloro-3-methylphenol	ND	0.13	0.25	-	-	-
2-Chloronaphthalene	ND	0.12	0.25	-	-	-
2-Chlorophenol	ND	0.0061	0.013	-	-	-
4-Chlorophenyl Phenyl Ether	ND	0.12	0.25	-	-	-
Chrysene	ND	0.00073	0.0025	-	-	-
Dibenzo (a,h) anthracene	ND	0.0013	0.0025	-	-	-
Dibenzofuran	ND	0.00032	0.0013	-	-	-
Di-n-butyl Phthalate	ND	0.0070	0.013	-	-	-
1,2-Dichlorobenzene	ND	0.14	0.25	-	-	-
1,3-Dichlorobenzene	ND	0.13	0.25	-	-	-
1,4-Dichlorobenzene	ND	0.12	0.25	-	-	-
3,3-Dichlorobenzidine	ND	0.0022	0.0025	-	-	-
2,4-Dichlorophenol	ND	0.0012	0.0025	-	-	-
Diethyl Phthalate	ND	0.0053	0.013	-	-	-
2,4-Dimethylphenol	ND	0.11	0.25	-	-	-
Dimethyl Phthalate	ND	0.0010	0.0025	-	-	-

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Quality Control Report

Client:	Langan	**WorkOrder:**	2208F40
Date Prepared:	08/24/2022	**BatchID:**	252526
Date Analyzed:	08/24/2022	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17, GC48	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-252526

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
4,6-Dinitro-2-methylphenol	ND	0.55	1.2	-	-	-
2,4-Dinitrophenol	ND	0.11	0.25	-	-	-
2,4-Dinitrotoluene	ND	0.00041	0.013	-	-	-
2,6-Dinitrotoluene	ND	0.062	0.12	-	-	-
Di-n-octyl Phthalate	ND	0.31	0.50	-	-	-
1,2-Diphenylhydrazine	ND	0.11	0.25	-	-	-
Fluoranthene	ND	0.00073	0.0013	-	-	-
Fluorene	ND	0.00078	0.0025	-	-	-
Hexachlorobenzene	ND	0.00038	0.0013	-	-	-
Hexachlorobutadiene	ND	0.00028	0.0025	-	-	-
Hexachlorocyclopentadiene	ND	0.66	2.0	-	-	-
Hexachloroethane	ND	0.00065	0.013	-	-	-
Indeno (1,2,3-cd) pyrene	ND	0.0014	0.013	-	-	-
Isophorone	ND	0.055	0.25	-	-	-
1-Methylnaphthalene	ND	0.00035	0.0013	-	-	-
2-Methylnaphthalene	ND	0.00044	0.0025	-	-	-
2-Methylphenol (o-Cresol)	ND	0.15	0.25	-	-	-
3 & 4-Methylphenol (m,p-Cresol)	ND	0.14	0.25	-	-	-
Naphthalene	ND	0.0031	0.0062	-	-	-
2-Nitroaniline	ND	0.59	1.2	-	-	-
3-Nitroaniline	ND	0.73	1.2	-	-	-
4-Nitroaniline	ND	0.64	1.2	-	-	-
Nitrobenzene	ND	0.14	0.25	-	-	-
2-Nitrophenol	ND	0.63	1.2	-	-	-
4-Nitrophenol	ND	0.70	1.2	-	-	-
N-Nitrosodimethylamine	ND	0.61	1.2	-	-	-
N-Nitrosodiphenylamine	ND	0.11	0.25	-	-	-
N-Nitrosodi-n-propylamine	ND	0.14	0.25	-	-	-
Pentachlorophenol	ND	0.032	0.062	-	-	-
Phenanthrene	ND	0.0010	0.0050	-	-	-
Phenol	ND	0.0032	0.050	-	-	-
Pyrene	ND	0.00065	0.0025	-	-	-
Pyridine	ND	0.094	0.25	-	-	-
1,2,4-Trichlorobenzene	ND	0.13	0.25	-	-	-
2,4,5-Trichlorophenol	ND	0.00067	0.0025	-	-	-
2,4,6-Trichlorophenol	ND	0.00062	0.013	-	-	-

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Quality Control Report

Client:	Langan	**WorkOrder:**	2208F40
Date Prepared:	08/24/2022	**BatchID:**	252526
Date Analyzed:	08/24/2022	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17, GC48	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-252526

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
2-Fluorophenol	0.95			1.25	76	60-130
Phenol-d5	0.88			1.25	70	60-130
Nitrobenzene-d5	0.83			1.25	66	60-130
2-Fluorobiphenyl	0.95			1.25	76	60-130
2,4,6-Tribromophenol	0.70			1.25	56	50-130
4-Terphenyl-d14	0.96			1.25	77	50-130

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Quality Control Report

Client:	Langan	**WorkOrder:**	2208F40
Date Prepared:	08/24/2022	**BatchID:**	252526
Date Analyzed:	08/24/2022	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17, GC48	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-252526

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acenaphthene	0.052	0.053	0.062	82	85	60-130	3.44	30
Acenaphthylene	0.048	0.050	0.062	77	81	60-130	4.71	30
Acetochlor	1.0	1.0	1.25	83	83	60-130	0.495	30
Anthracene	0.054	0.056	0.062	87	89	60-130	2.20	30
Benzidine	2.8	2.8	6.25	45	44	30-130	2.73	30
Benzo (a) anthracene	0.055	0.055	0.062	88	87	60-130	0.848	30
Benzo (a) pyrene	0.061	0.062	0.062	98	99	60-130	0.679	30
Benzo (b) fluoranthene	0.058	0.059	0.062	93	94	40-130	1.11	30
Benzo (g,h,i) perylene	0.057	0.057	0.062	91	91	60-130	0.310	30
Benzo (k) fluoranthene	0.056	0.053	0.062	90	84	60-130	6.52	30
Benzyl Alcohol	4.0	4.5	6.25	65	71	60-130	9.79	30
1,1-Biphenyl	0.052	0.055	0.062	84	88	60-130	4.71	30
Bis (2-chloroethoxy) Methane	0.99	1.0	1.25	79	81	60-130	3.19	30
Bis (2-chloroethyl) Ether	0.047	0.049	0.062	75	79	60-130	4.43	30
Bis (2-chloroisopropyl) Ether	0.050	0.049	0.062	80	78	60-130	2.27	30
Bis (2-ethylhexyl) Adipate	1.1	1.1	1.25	86	87	40-130	1.34	30
Bis (2-ethylhexyl) Phthalate	0.054	0.056	0.062	86	89	60-130	3.62	30
4-Bromophenyl Phenyl Ether	1.1	1.1	1.25	88	89	60-130	0.804	30
Butylbenzyl Phthalate	0.067	0.069	0.062	107	111	60-130	3.32	30
4-Chloroaniline	0.041	0.043	0.062	65	69	40-130	4.75	30
4-Chloro-3-methylphenol	0.90	0.93	1.25	72	75	60-130	3.99	30
2-Chloronaphthalene	1.0	1.1	1.25	83	87	60-130	4.83	30
2-Chlorophenol	0.048	0.052	0.062	76	83	60-130	8.98	30
4-Chlorophenyl Phenyl Ether	1.1	1.1	1.25	85	87	60-130	2.47	30
Chrysene	0.060	0.059	0.062	95	94	60-130	1.27	30
Dibenzo (a,h) anthracene	0.056	0.059	0.062	89	95	60-130	6.11	30
Dibenzofuran	0.051	0.053	0.062	82	85	60-130	3.85	30
Di-n-butyl Phthalate	0.055	0.057	0.062	88	91	60-130	3.72	30
1,2-Dichlorobenzene	0.94	1.0	1.25	75	80	60-130	6.01	30
1,3-Dichlorobenzene	0.88	0.96	1.25	70	77	60-130	8.27	30
1,4-Dichlorobenzene	0.90	0.99	1.25	72	79	60-130	8.93	30
3,3-Dichlorobenzidine	0.047	0.049	0.062	75	79	40-130	5.40	30
2,4-Dichlorophenol	0.046	0.050	0.062	74	80	60-130	7.76	30
Diethyl Phthalate	0.049	0.051	0.062	78	82	60-130	3.97	30
2,4-Dimethylphenol	0.93	0.93	1.25	74	74	60-130	0.388	30
Dimethyl Phthalate	0.052	0.054	0.062	83	86	60-130	4.62	30
4,6-Dinitro-2-methylphenol	5.3	5.4	6.25	84	86	30-130	1.61	30
2,4-Dinitrophenol	1.2	1.2	1.25	95	100	15-130	5.36	30

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Quality Control Report

Client:	Langan	**WorkOrder:**	2208F40
Date Prepared:	08/24/2022	**BatchID:**	252526
Date Analyzed:	08/24/2022	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17, GC48	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-252526

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
2,4-Dinitrotoluene	0.051	0.054	0.062	82	87	60-130	6.36	30
2,6-Dinitrotoluene	0.047	0.051	0.062	76	81	60-130	6.44	30
Di-n-octyl Phthalate	1.1	1.1	1.25	87	89	60-130	2.29	30
1,2-Diphenylhydrazine	0.92	0.92	1.25	74	74	60-130	0.0815	30
Fluoranthene	0.056	0.056	0.062	90	89	60-130	1.00	30
Fluorene	0.053	0.056	0.062	85	90	60-130	5.33	30
Hexachlorobenzene	0.056	0.057	0.062	89	91	60-130	1.90	30
Hexachlorobutadiene	0.055	0.058	0.062	88	92	60-130	4.99	30
Hexachlorocyclopentadiene	5.1	5.4	6.25	81	87	40-130	6.52	30
Hexachloroethane	0.045	0.049	0.062	72	78	60-130	7.19	30
Indeno (1,2,3-cd) pyrene	0.057	0.057	0.062	91	91	60-130	0.343	30
Isophorone	0.92	0.95	1.25	73	76	60-130	4.13	30
1-Methylnaphthalene	0.054	0.055	0.062	86	88	60-130	1.51	30
2-Methylnaphthalene	0.059	0.057	0.062	95	91	60-130	3.61	30
2-Methylphenol (o-Cresol)	0.95	1.0	1.25	76	81	60-130	6.64	30
3 & 4-Methylphenol (m,p-Cresol)	0.90	0.94	1.25	72	75	60-130	4.43	30
Naphthalene	0.047	0.050	0.062	76	79	60-130	4.52	30
2-Nitroaniline	4.6	4.7	6.25	74	75	60-130	2.11	30
3-Nitroaniline	4.6	4.9	6.25	74	78	30-130	4.68	30
4-Nitroaniline	4.7	4.7	6.25	76	76	60-130	0.252	30
Nitrobenzene	1.0	1.1	1.25	80	87	60-130	8.92	30
2-Nitrophenol	4.7	5.1	6.25	76	82	60-130	7.45	30
4-Nitrophenol	4.9	4.8	6.25	78	78	60-130	0.758	30
N-Nitrosodiphenylamine	1.0	1.1	1.25	84	85	60-130	0.985	30
N-Nitrosodi-n-propylamine	0.86	0.93	1.25	68	74	60-130	8.16	30
Pentachlorophenol	0.27	0.27	0.31	88	86	40-130	2.03	30
Phenanthrene	0.051	0.052	0.062	82	83	60-130	1.27	30
Phenol	0.19	0.20	0.25	75	81	60-130	7.37	30
Pyrene	0.052	0.052	0.062	83	84	60-130	1.06	30
Pyridine	0.52	0.55	1.25	41	44	30-130	6.89	30
1,2,4-Trichlorobenzene	1.1	1.1	1.25	84	88	60-130	4.24	30
2,4,5-Trichlorophenol	0.050	0.053	0.062	80	85	60-130	5.92	30
2,4,6-Trichlorophenol	0.046	0.049	0.062	73	79	60-130	7.16	30

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Quality Control Report

Client:	Langan	**WorkOrder:**	2208F40
Date Prepared:	08/24/2022	**BatchID:**	252526
Date Analyzed:	08/24/2022	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17, GC48	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-252526

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
2-Fluorophenol	1.0	1.0	1.25	80	83	60-130	3.19	30
Phenol-d5	0.95	0.97	1.25	76	78	60-130	2.04	30
Nitrobenzene-d5	0.98	0.98	1.25	78	78	60-130	0.0871	30
2-Fluorobiphenyl	1.1	1.1	1.25	87	88	60-130	1.26	30
2,4,6-Tribromophenol	0.94	0.93	1.25	75	74	50-130	0.924	30
4-Terphenyl-d14	1.1	1.0	1.25	86	83	50-130	3.16	30

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Quality Control Report

Client:	Langan	**WorkOrder:**	2208F40
Date Prepared:	08/24/2022	**BatchID:**	252409
Date Analyzed:	08/24/2022	**Extraction Method:**	SW3050B
Instrument:	ICP-MS5	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-252409 2208F40-038AMS/MSD 2208F40-038APDS

QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Antimony	ND	0.16	0.50	-	-	-
Arsenic	ND	0.14	0.50	-	-	-
Barium	ND	0.68	5.0	-	-	-
Beryllium	ND	0.083	0.50	-	-	-
Cadmium	ND	0.094	0.50	-	-	-
Chromium	ND	0.13	0.50	-	-	-
Cobalt	ND	0.069	0.50	-	-	-
Copper	ND	0.23	0.50	-	-	-
Lead	ND	0.069	0.50	-	-	-
Mercury	ND	0.038	0.050	-	-	-
Molybdenum	ND	0.14	0.50	-	-	-
Nickel	0.39,J	0.081	0.50	-	-	-
Selenium	ND	0.32	0.50	-	-	-
Silver	ND	0.11	0.50	-	-	-
Thallium	ND	0.072	0.50	-	-	-
Vanadium	ND	0.15	0.50	-	-	-
Zinc	ND	3.2	5.0	-	-	-
Surrogate Recovery						
Terbium	540			500	109	70-130

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Quality Control Report

Client:	Langan	**WorkOrder:**	2208F40
Date Prepared:	08/24/2022	**BatchID:**	252409
Date Analyzed:	08/24/2022	**Extraction Method:**	SW3050B
Instrument:	ICP-MS5	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-252409 2208F40-038AMS/MSD 2208F40-038APDS

QC Summary Report for Metals

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Antimony	48	49	50	97	98	75-125	1.20	20
Arsenic	51	51	50	102	103	75-125	0.990	20
Barium	490	510	500	98	101	75-125	3.00	20
Beryllium	50	50	50	99	100	75-125	0.554	20
Cadmium	49	49	50	99	98	75-125	0.597	20
Chromium	51	52	50	102	103	75-125	0.964	20
Cobalt	50	52	50	100	103	75-125	2.69	20
Copper	50	50	50	101	101	75-125	0.0159	20
Lead	50	51	50	100	103	75-125	3.14	20
Mercury	1.2	1.2	1.25	93	95	75-125	2.89	20
Molybdenum	51	52	50	101	104	75-125	2.38	20
Nickel	50	50	50	101	101	75-125	0.278	20
Selenium	51	50	50	101	100	75-125	0.784	20
Silver	51	52	50	102	104	75-125	1.65	20
Thallium	50	51	50	101	103	75-125	2.14	20
Vanadium	50	51	50	100	101	75-125	1.38	20
Zinc	490	500	500	98	99	75-125	1.34	20
Surrogate Recovery								
Terbium	510	530	500	102	106	70-130	4.11	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Antimony	1	49	51	50	0.62	97	101	75-125	3.90	20
Arsenic	1	58	58	50	4.4	107	107	75-125	0.457	20
Barium	1	620	620	500	88	107	106	75-125	0.190	20
Beryllium	1	49	49	50	ND	98	97	75-125	1.33	20
Cadmium	1	50	49	50	ND	99	98	75-125	0.991	20
Chromium	1	100	140	50	37	132,F10	205,F10	75-125	29.7,F10	20
Cobalt	1	59	59	50	9.9	98	98	75-125	0.237	20
Copper	1	86	83	50	59	54,F10	47,F10	75-125	4.36	20
Lead	1	100	98	50	34.35	132,F10	126,F10	75-125	2.97	20
Mercury	1	1.3	1.3	1.25	0.26	83	85	75-125	1.22	20
Molybdenum	1	51	51	50	ND	102	102	75-125	0.0682	20
Nickel	1	100	110	50	35	132,F10	145,F10	75-125	6.68	20
Selenium	1	52	51	50	ND	104	102	75-125	2.34	20
Silver	1	52	52	50	ND	104	103	75-125	0.781	20

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Quality Control Report

Client:	Langan	**WorkOrder:**	2208F40
Date Prepared:	08/24/2022	**BatchID:**	252409
Date Analyzed:	08/24/2022	**Extraction Method:**	SW3050B
Instrument:	ICP-MS5	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-252409 2208F40-038AMS/MSD 2208F40-038APDS

QC Summary Report for Metals

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Thallium	1	51	52	50	ND	103	103	75-125	0.469	20
Vanadium	1	100	95	50	69	66,F10	51,F10	75-125	7.51	20
Zinc	1	590	580	500	69	104	102	75-125	1.90	20
Surrogate Recovery										
Terbium	1	530	540	500		107	107	70-130	0.299	20

Analyte	PDS Result	SPK Val	SPKRef Val	PDS %REC	PDS Limits
Chromium	91	50	37	108	75-125
Lead	90	50	34.35	111	75-125
Nickel	89	50	35	107	75-125

Analyte	DLT Result	DLTRef Val	%D	%D Limit
Antimony				-
Arsenic				-
Barium				-
Beryllium				-
Cadmium				-
Chromium				-
Cobalt				-
Copper				-
Lead	32	34.35	6.84	20
Mercury				-
Molybdenum				-
Nickel				-
Selenium				-
Silver				-
Thallium				-
Vanadium				-
Zinc				-

%D Control Limit applied to analytes with concentrations greater than 25 times the reporting limits.

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Quality Control Report

Client:	Langan	**WorkOrder:**	2208F40
Date Prepared:	08/22/2022	**BatchID:**	252405
Date Analyzed:	08/23/2022	**Extraction Method:**	SW5035
Instrument:	GC19	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-252405

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH(g) (C6-C12)	ND	0.55	1.0	-	-	-
MTBE	ND	0.0026	0.050	-	-	-
Benzene	ND	0.0018	0.0050	-	-	-
Toluene	ND	0.0022	0.0050	-	-	-
Ethylbenzene	ND	0.0015	0.0050	-	-	-
m,p-Xylene	ND	0.0026	0.010	-	-	-
o-Xylene	ND	0.00098	0.0050	-	-	-
Surrogate Recovery						
2-Fluorotoluene	0.084			0.1	84	75-134

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(btex)	0.51	0.51	0.60	85	86	82-118	0.512	20
MTBE	0.10	0.11	0.10	103	111	61-119	7.77	20
Benzene	0.088	0.087	0.10	88	87	77-128	0.397	20
Toluene	0.092	0.092	0.10	92	92	74-132	0.237	20
Ethylbenzene	0.091	0.093	0.10	91	93	84-127	2.36	20
m,p-Xylene	0.18	0.19	0.20	91	93	80-120	1.62	20
o-Xylene	0.092	0.094	0.10	92	94	80-120	1.99	20
Surrogate Recovery								
2-Fluorotoluene	0.080	0.081	0.10	80	81	75-134	0.314	20

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Quality Control Report

Client:	Langan	**WorkOrder:**	2208F40
Date Prepared:	08/23/2022	**BatchID:**	252403
Date Analyzed:	08/23/2022	**Extraction Method:**	SW3050B
Instrument:	ICP-MS4	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-252403

QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Arsenic	ND	0.14	0.50	-	-	-
Lead	ND	0.069	0.50	-	-	-
Surrogate Recovery						
Terbium	530			500	107	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Arsenic	50	50	50	100	101	75-125	0.984	20
Lead	49	49	50	98	98	75-125	0.288	20
Surrogate Recovery								
Terbium	530	530	500	106	105	70-130	0.612	20

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Quality Control Report

Client:	Langan	**WorkOrder:**	2208F40
Date Prepared:	08/24/2022	**BatchID:**	252409
Date Analyzed:	08/24/2022	**Extraction Method:**	SW3050B
Instrument:	ICP-MS5	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-252409 2208F40-038AMS/MSD 2208F40-038APDS

QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Arsenic	ND	0.14	0.50	-	-	-
Lead	ND	0.069	0.50	-	-	-
Surrogate Recovery						
Terbium	540			500	109	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Arsenic	51	51	50	102	103	75-125	0.990	20
Lead	50	51	50	100	103	75-125	3.14	20
Surrogate Recovery								
Terbium	510	530	500	102	106	70-130	4.11	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Arsenic	1	58	58	50	4.4	107	107	75-125	0.457	20
Lead	1	100	98	50	34.35	132,F10	126,F10	75-125	2.97	20
Surrogate Recovery										
Terbium	1	530	540	500		107	107	70-130	0.299	20

Analyte	PDS Result	SPK Val	SPKRef Val	PDS %REC	PDS Limits
Lead	90	50	34.35	111	75-125

Analyte	DLT Result	DLTRef Val	%D	%D Limit
Arsenic				-
Lead	32	34.35	6.84	20

%D Control Limit applied to analytes with concentrations greater than 25 times the reporting limits.

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Quality Control Report

Client:	Langan	**WorkOrder:**	2208F40
Date Prepared:	08/22/2022	**BatchID:**	252402
Date Analyzed:	08/23/2022	**Extraction Method:**	SW3550B
Instrument:	GC9a	**Analytical Method:**	SW8015B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-252402

QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	0.78	2.0	-	-	-
TPH-Motor Oil (C18-C36)	ND	4.6	10	-	-	-
Surrogate Recovery						
C9	23			25	92	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	42	41	40	106	102	70-130	3.46	20
Surrogate Recovery								
C9	23	22	25	93	88	70-130	5.70	20

McCampbell Analytical, Inc.
1534 Willow Pass Rd
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(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2208F40 **ClientCode: TRSJ**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☐ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☐ Detection Summary ☐ Excel

Report to:
Peter Cusack
Langan
1 Almaden Blvd, Suite 590
San Jose, CA 95113
(415) 955-5283 FAX:

Email: pcusack@Langan.com
cc/3rd Party:
PO:
Project: 770634903; Burlingame Shoreline Park

Bill to:
Accounts Payable
Langan
555 Montgomery St., Suite 1300
San Francisco, CA 94111
Langan_InvoiceCapture@concursolutio

Requested TAT: **5 days;**

Date Received: **08/22/2022**
Date Logged: **08/22/2022**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2208F40-001	S-1WW-1.5	Soil	8/18/2022 15:00	☑								A	A			
2208F40-002	S-1N-1.5	Soil	8/18/2022 15:38	☐							A	A		A	A	
2208F40-003	S-22WW-3.0	Soil	8/18/2022 16:20	☑								A	A			
2208F40-004	S-22-SS-3.0	Soil	8/18/2022 16:13	☐						A		A				A
2208F40-005	S-22-SS-3.0	Soil	8/18/2022 16:07	☑								A	A			
2208F40-006	S-22-S-3.0	Soil	8/18/2022 16:20	☐						A		A				A
2208F40-007	S-22NN-3.0	Soil	8/18/2022 16:26	☑								A	A			
2208F40-008	S-22N-3.0	Soil	8/18/2022 16:33	☐						A		A				A
2208F40-009	S-22EE-3.0	Soil	8/18/2022 16:40	☑								A	A			
2208F40-010	S-22E-3.0	Soil	8/18/2022 16:35	☐						A		A				A
2208F40-011	S-22B-3.5	Soil	8/18/2022 16:30	☐						A		A				A
2208F40-012	S-3B-2.0	Soil	8/18/2022 14:10	☐							A	A		A	A	
2208F40-013	S-3S-1.5	Soil	8/18/2022 14:20	☐							A	A		A	A	
2208F40-014	S-3SS-1.5	Soil	8/18/2022 14:12	☑								A	A			
2208F40-015	S-3E-1.5	Soil	8/18/2022 13:59	☐							A	A		A	A	

Test Legend:

1	8081_ESL_LL_S	2	8260B_S	3	8270_SCSM_GPC_S	4	CAM17MS_TTLC_S
5	CARB435_400	6	G-MBTEX_S	7	METALSMS_TTLC_S	8	PRDisposal Fee
9	PRHOLD	10	STLC_MSEXTRACTONLY	11	TCLP_MSEXTRACTONLY	12	TPH(DMO)_S

Prepared by: Yvette Gallegos

The following SampIDs: 004A, 006A, 008A, 010A, 011A, 042A, 043A, 044A, 045A, 046A, 047A contain testgroup Multi Range_S.

Comments:

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Hazardous samples will be returned to client or disposed of at client expense.

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 2208F40 **ClientCode: TRSJ**

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Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2208F40-016	S-3EE-1.5	Soil	8/18/2022 13:50	☑								A	A			
2208F40-017	S-3-WW-1.5	Soil	8/18/2022 14:31	☑								A	A			
2208F40-018	S-3W-1.5	Soil	8/18/2022 14:25	☐							A	A		A	A	
2208F40-019	S-3N-1.5	Soil	8/18/2022 15:23	☐							A	A		A	A	
2208F40-020	S-4E-3.0	Soil	8/18/2022 11:50	☐							A	A		A	A	
2208F40-021	S-4EE-3.0	Soil	8/18/2022 11:43	☑								A	A			
2208F40-022	S-4W-3.0	Soil	8/18/2022 12:05	☐							A	A		A	A	
2208F40-023	S-4WW-3.0	Soil	8/18/2022 11:57	☑								A	A			
2208F40-024	S-4N-3.0	Soil	8/18/2022 11:55	☐							A	A		A	A	
2208F40-025	S-4B-3.5	Soil	8/18/2022 11:34	☐							A	A		A	A	
2208F40-026	S-4S-3.0	Soil	8/18/2022 11:22	☐							A	A		A	A	
2208F40-027	S-4SS-3.0	Soil	8/18/2022 11:09	☑								A	A			
2208F40-028	S-5B-10.5	Soil	8/19/2022 08:59	☐					A		A	A		A	A	
2208F40-029	S-5N-10.0	Soil	8/19/2022 10:34	☐					A		A	A		A	A	
2208F40-030	S-5E-10.0	Soil	8/19/2022 09:20	☐					A		A	A		A	A	

Test Legend:

1	8081_ESL_LL_S	2	8260B_S	3	8270_SCSM_GPC_S	4	CAM17MS_TTLC_S
5	CARB435_400	6	G-MBTEX_S	7	METALSMS_TTLC_S	8	PRDisposal Fee
9	PRHOLD	10	STLC_MSEXTRACTONLY	11	TCLP_MSEXTRACTONLY	12	TPH(DMO)_S

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 2208F40 **ClientCode: TRSJ**

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Requested TAT: **5 days;**

Date Received: **08/22/2022**
Date Logged: **08/22/2022**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2208F40-031	S-5EE-10.0	Soil	8/19/2022 09:37	☑								A	A			
2208F40-032	S-5S-10.0	Soil	8/19/2022 10:35	☐					A		A	A		A	A	
2208F40-033	S-5SS-10.0	Soil	8/19/2022 10:21	☑								A	A			
2208F40-034	S-5W-10.0	Soil	8/19/2022 10:03	☐					A		A	A		A	A	
2208F40-035	S-5WW-10.0	Soil	8/19/2022 09:51	☑								A	A			
2208F40-036	S-1B-2.0	Soil	8/18/2022 14:58	☐							A	A		A	A	
2208F40-037	S-1EE-1.5	Soil	8/18/2022 14:40	☑								A	A			
2208F40-038	S-1E-1.5	Soil	8/18/2022 14:46	☐							A	A		A	A	
2208F40-039	S-1S-1.5	Soil	8/18/2022 15:03	☐							A	A		A	A	
2208F40-040	S-1SS-1.5	Soil	8/18/2022 15:12	☑								A	A			
2208F40-041	S-1W-1.5	Soil	8/18/2022 15:18	☐							A	A		A	A	
2208F40-042	H-1-3-6A,B	Soil	8/18/2022 09:45	☐	A	A	A	A		A		A		A	A	A
2208F40-043	H-1-6-9A,B	Soil	8/18/2022 09:55	☐	A	A	A	A		A		A		A	A	A
2208F40-044	H-2-3-6A,B	Soil	8/18/2022 10:25	☐	A	A	A	A		A		A		A	A	A
2208F40-045	H-2-6-9A,B	Soil	8/18/2022 10:28	☐	A	A	A	A		A		A		A	A	A

Test Legend:

1	8081_ESL_LL_S	2	8260B_S	3	8270_SCSM_GPC_S	4	CAM17MS_TTLC_S
5	CARB435_400	6	G-MBTEX_S	7	METALSMS_TTLC_S	8	PRDisposal Fee
9	PRHOLD	10	STLC_MSEXTRACTONLY	11	TCLP_MSEXTRACTONLY	12	TPH(DMO)_S

Prepared by: Yvette Gallegos

The following SampIDs: 004A, 006A, 008A, 010A, 011A, 042A, 043A, 044A, 045A, 046A, 047A contain testgroup Multi Range_S.

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 2208F40 **ClientCode: TRSJ**

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Requested TAT: **5 days;**

Date Received: **08/22/2022**
Date Logged: **08/22/2022**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2208F40-046	H-3-3-6A,B	Soil	8/18/2022 10:40	☐	A	A	A	A		A		A		A	A	A
2208F40-047	H-3-6-9A,B	Soil	8/18/2022 10:43	☐	A	A	A	A		A		A		A	A	A

Test Legend:

1	8081_ESL_LL_S	2	8260B_S	3	8270_SCSM_GPC_S	4	CAM17MS_TTLC_S
5	CARB435_400	6	G-MBTEX_S	7	METALSMS_TTLC_S	8	PRDisposal Fee
9	PRHOLD	10	STLC_MSEXTRACTONLY	11	TCLP_MSEXTRACTONLY	12	TPH(DMO)_S

Prepared by: Yvette Gallegos

The following SampIDs: 004A, 006A, 008A, 010A, 011A, 042A, 043A, 044A, 045A, 046A, 047A contain testgroup Multi Range_S.

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WORK ORDER SUMMARY

Client Name: LANGAN **Project:** 770634903; Burlingame Shoreline Park **Work Order:** 2208F40
Client Contact: Peter Cusack **QC Level:** LEVEL 2
Contact's Email: pcusack@Langan.com **Comments:** **Date Logged:** 8/22/2022

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☑ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
002A	S-1N-1.5	Soil	TCLP Extract and Hold	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 15:38	5 days*	8/29/2022		☐	☐
			STLC Extract and Hold			☐	☐	☐		5 days*	8/29/2022		☐	☐
			SW6020 (Metals) <Lead>			☐	☐	☐		5 days	8/29/2022		☐	☐
004A	S-22-SS-3.0	Soil	Multi-Range TPH	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 16:13	5 days	8/29/2022		☐	☐
006A	S-22-S-3.0	Soil	Multi-Range TPH	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 16:20	5 days	8/29/2022		☐	☐
008A	S-22N-3.0	Soil	Multi-Range TPH	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 16:33	5 days	8/29/2022		☐	☐
010A	S-22E-3.0	Soil	Multi-Range TPH	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 16:35	5 days	8/29/2022		☐	☐
011A	S-22B-3.5	Soil	Multi-Range TPH	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 16:30	5 days	8/29/2022		☐	☐
012A	S-3B-2.0	Soil	TCLP Extract and Hold	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 14:10	5 days*	8/29/2022		☐	☐
			STLC Extract and Hold			☐	☐	☐		5 days*	8/29/2022		☐	☐
			SW6020 (Metals) <Arsenic>			☐	☐	☐		5 days	8/29/2022		☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

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WORK ORDER SUMMARY

Client Name: LANGAN **Project:** 770634903; Burlingame Shoreline Park **Work Order:** 2208F40
Client Contact: Peter Cusack **QC Level:** LEVEL 2
Contact's Email: pcusack@Langan.com **Comments:** **Date Logged:** 8/22/2022

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☑ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
013A	S-3S-1.5	Soil	TCLP Extract and Hold	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 14:20	5 days*	8/29/2022		☐	☐
			STLC Extract and Hold			☐	☐	☐		5 days*	8/29/2022		☐	☐
			SW6020 (Metals) <Arsenic>			☐	☐	☐		5 days	8/29/2022		☐	☐
015A	S-3E-1.5	Soil	TCLP Extract and Hold	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 13:59	5 days*	8/29/2022		☐	☐
			STLC Extract and Hold			☐	☐	☐		5 days*	8/29/2022		☐	☐
			SW6020 (Metals) <Arsenic>			☐	☐	☐		5 days	8/29/2022		☐	☐
018A	S-3W-1.5	Soil	TCLP Extract and Hold	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 14:25	5 days*	8/29/2022		☐	☐
			STLC Extract and Hold			☐	☐	☐		5 days*	8/29/2022		☐	☐
			SW6020 (Metals) <Arsenic>			☐	☐	☐		5 days	8/29/2022		☐	☐
019A	S-3N-1.5	Soil	TCLP Extract and Hold	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 15:23	5 days*	8/29/2022		☐	☐
			STLC Extract and Hold			☐	☐	☐		5 days*	8/29/2022		☐	☐
			SW6020 (Metals) <Arsenic>			☐	☐	☐		5 days	8/29/2022		☐	☐

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WORK ORDER SUMMARY

Client Name: LANGAN **Project:** 770634903; Burlingame Shoreline Park **Work Order:** 2208F40
Client Contact: Peter Cusack **QC Level:** LEVEL 2
Contact's Email: pcusack@Langan.com **Comments:** **Date Logged:** 8/22/2022

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☑ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
020A	S-4E-3.0	Soil	TCLP Extract and Hold	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 11:50	5 days*	8/29/2022		☐	☐
			STLC Extract and Hold			☐	☐	☐		5 days*	8/29/2022		☐	☐
			SW6020 (Metals) <Lead>			☐	☐	☐		5 days	8/29/2022		☐	☐
022A	S-4W-3.0	Soil	TCLP Extract and Hold	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 12:05	5 days*	8/29/2022		☐	☐
			STLC Extract and Hold			☐	☐	☐		5 days*	8/29/2022		☐	☐
			SW6020 (Metals) <Lead>			☐	☐	☐		5 days	8/29/2022		☐	☐
024A	S-4N-3.0	Soil	TCLP Extract and Hold	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 11:55	5 days*	8/29/2022		☐	☐
			STLC Extract and Hold			☐	☐	☐		5 days*	8/29/2022		☐	☐
			SW6020 (Metals) <Lead>			☐	☐	☐		5 days	8/29/2022		☐	☐
025A	S-4B-3.5	Soil	TCLP Extract and Hold	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 11:34	5 days*	8/29/2022		☐	☐
			STLC Extract and Hold			☐	☐	☐		5 days*	8/29/2022		☐	☐
			SW6020 (Metals) <Lead>			☐	☐	☐		5 days	8/29/2022		☐	☐

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WORK ORDER SUMMARY

Client Name: LANGAN **Project:** 770634903; Burlingame Shoreline Park **Work Order:** 2208F40
Client Contact: Peter Cusack **QC Level:** LEVEL 2
Contact's Email: pcusack@Langan.com **Comments:** **Date Logged:** 8/22/2022

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☑ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
026A	S-4S-3.0	Soil	TCLP Extract and Hold	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 11:22	5 days*	8/29/2022		☐	☐
			STLC Extract and Hold			☐	☐	☐		5 days*	8/29/2022		☐	☐
			SW6020 (Metals) <Lead>			☐	☐	☐		5 days	8/29/2022		☐	☐
028A	S-5B-10.5	Soil	TCLP Extract and Hold	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/19/2022 8:59	5 days*	8/29/2022		☐	☐
			STLC Extract and Hold			☐	☐	☐		5 days*	8/29/2022		☐	☐
			SW6020 (Metals) <Lead>			☐	☐	☐		5 days	8/29/2022		☐	☐
			Asbestos, CARB 435, 400 Point			☐	☐	☐		5 days	8/29/2022		☐	☐
029A	S-5N-10.0	Soil	TCLP Extract and Hold	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/19/2022 10:34	5 days*	8/29/2022		☐	☐
			STLC Extract and Hold			☐	☐	☐		5 days*	8/29/2022		☐	☐
			SW6020 (Metals) <Lead>			☐	☐	☐		5 days	8/29/2022		☐	☐
			Asbestos, CARB 435, 400 Point			☐	☐	☐		5 days	8/29/2022		☐	☐
030A	S-5E-10.0	Soil	TCLP Extract and Hold	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/19/2022 9:20	5 days*	8/29/2022		☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

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http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: LANGAN **Project:** 770634903; Burlingame Shoreline Park **Work Order:** 2208F40
Client Contact: Peter Cusack **QC Level:** LEVEL 2
Contact's Email: pcusack@Langan.com **Comments:** **Date Logged:** 8/22/2022

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☑ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
030A	S-5E-10.0	Soil	STLC Extract and Hold	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/19/2022 9:20	5 days*	8/29/2022		☐	☐
			SW6020 (Metals) <Lead>			☐	☐	☐		5 days	8/29/2022		☐	☐
			Asbestos, CARB 435, 400 Point			☐	☐	☐		5 days	8/29/2022		☐	☐
032A	S-5S-10.0	Soil	TCLP Extract and Hold	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/19/2022 10:35	5 days*	8/29/2022		☐	☐
			STLC Extract and Hold			☐	☐	☐		5 days*	8/29/2022		☐	☐
			SW6020 (Metals) <Lead>			☐	☐	☐		5 days	8/29/2022		☐	☐
			Asbestos, CARB 435, 400 Point			☐	☐	☐		5 days	8/29/2022		☐	☐
034A	S-5W-10.0	Soil	TCLP Extract and Hold	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/19/2022 10:03	5 days*	8/29/2022		☐	☐
			STLC Extract and Hold			☐	☐	☐		5 days*	8/29/2022		☐	☐
			SW6020 (Metals) <Lead>			☐	☐	☐		5 days	8/29/2022		☐	☐
			Asbestos, CARB 435, 400 Point			☐	☐	☐		5 days	8/29/2022		☐	☐
036A	S-1B-2.0	Soil	TCLP Extract and Hold	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 14:58	5 days*	8/29/2022		☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

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WORK ORDER SUMMARY

Client Name: LANGAN
Client Contact: Peter Cusack
Contact's Email: pcusack@Langan.com

Project: 770634903; Burlingame Shoreline Park
Comments:

Work Order: 2208F40
QC Level: LEVEL 2
Date Logged: 8/22/2022

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LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
036A	S-1B-2.0	Soil	STLC Extract and Hold	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 14:58	5 days*	8/29/2022		☐	☐
			SW6020 (Metals) <Lead>			☐	☐	☐		5 days	8/29/2022		☐	☐
038A	S-1E-1.5	Soil	TCLP Extract and Hold	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 14:46	5 days*	8/29/2022		☐	☐
			STLC Extract and Hold			☐	☐	☐		5 days*	8/29/2022		☐	☐
			SW6020 (Metals) <Lead>			☐	☐	☐		5 days	8/29/2022		☐	☐
039A	S-1S-1.5	Soil	TCLP Extract and Hold	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 15:03	5 days*	8/29/2022		☐	☐
			STLC Extract and Hold			☐	☐	☐		5 days*	8/29/2022		☐	☐
			SW6020 (Metals) <Lead>			☐	☐	☐		5 days	8/29/2022		☐	☐
041A	S-1W-1.5	Soil	TCLP Extract and Hold	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 15:18	5 days*	8/29/2022		☐	☐
			STLC Extract and Hold			☐	☐	☐		5 days*	8/29/2022		☐	☐
			SW6020 (Metals) <Lead>			☐	☐	☐		5 days	8/29/2022		☐	☐
042A	H-1-3-6A,B	Soil	TCLP Extract and Hold	2 / (2:1)	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 9:45	5 days*	8/29/2022		☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

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WORK ORDER SUMMARY

Client Name: LANGAN **Project:** 770634903; Burlingame Shoreline Park **Work Order:** 2208F40
Client Contact: Peter Cusack **QC Level:** LEVEL 2
Contact's Email: pcusack@Langan.com **Comments:** **Date Logged:** 8/22/2022

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☑ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
042A	H-1-3-6A,B	Soil	STLC Extract and Hold	2 / (2:1)	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 9:45	5 days*	8/29/2022		☐	☐
			Multi-Range TPH			☐	☐	☐		5 days	8/29/2022		☐	☐
			SW6020 (CAM 17)			☐	☐	☐		5 days	8/29/2022		☐	☐
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐	☐	☐		5 days	8/31/2022		☐	☐
			SW8260B (VOCs)			☐	☐	☐		5 days	8/29/2022		☐	☐
			SW8081A (OC Pesticides) ESLs w/ Florisil Clean-up			☐	☐	☐		5 days	8/31/2022		☐	☐
043A	H-1-6-9A,B	Soil	TCLP Extract and Hold	2 / (2:1)	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 9:55	5 days*	8/29/2022		☐	☐
			STLC Extract and Hold			☐	☐	☐		5 days*	8/29/2022		☐	☐
			Multi-Range TPH			☐	☐	☐		5 days	8/29/2022		☐	☐
			SW6020 (CAM 17)			☐	☐	☐		5 days	8/29/2022		☐	☐
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐	☐	☐		5 days	8/31/2022		☐	☐
			SW8260B (VOCs)			☐	☐	☐		5 days	8/29/2022		☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

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WORK ORDER SUMMARY

Client Name: LANGAN **Project:** 770634903; Burlingame Shoreline Park **Work Order:** 2208F40
Client Contact: Peter Cusack **QC Level:** LEVEL 2
Contact's Email: pcusack@Langan.com **Comments:** **Date Logged:** 8/22/2022

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☑ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
043A	H-1-6-9A,B	Soil	SW8081A (OC Pesticides) ESLs w/ Florisil Clean-up	2 / (2:1)	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 9:55	5 days	8/31/2022		☐	☐
044A	H-2-3-6A,B	Soil	TCLP Extract and Hold	2 / (2:1)	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 10:25	5 days*	8/29/2022		☐	☐
			STLC Extract and Hold			☐	☐	☐		5 days*	8/29/2022		☐	☐
			Multi-Range TPH			☐	☐	☐		5 days	8/29/2022		☐	☐
			SW6020 (CAM 17)			☐	☐	☐		5 days	8/29/2022		☐	☐
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐	☐	☐		5 days	8/31/2022		☐	☐
			SW8260B (VOCs)			☐	☐	☐		5 days	8/29/2022		☐	☐
			SW8081A (OC Pesticides) ESLs w/ Florisil Clean-up			☐	☐	☐		5 days	8/31/2022		☐	☐
045A	H-2-6-9A,B	Soil	TCLP Extract and Hold	2 / (2:1)	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 10:28	5 days*	8/29/2022		☐	☐
			STLC Extract and Hold			☐	☐	☐		5 days*	8/29/2022		☐	☐
			Multi-Range TPH			☐	☐	☐		5 days	8/29/2022		☐	☐
			SW6020 (CAM 17)			☐	☐	☐		5 days	8/29/2022		☐	☐

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WORK ORDER SUMMARY

Client Name: LANGAN **Project:** 770634903; Burlingame Shoreline Park **Work Order:** 2208F40
Client Contact: Peter Cusack **QC Level:** LEVEL 2
Contact's Email: pcusack@Langan.com **Comments:** **Date Logged:** 8/22/2022

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☑ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
045A	H-2-6-9A,B	Soil	SW8270C (Low Level SVOCs) with GPC Cleanup	2 / (2:1)	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 10:28	5 days	8/31/2022		☐	☐
			SW8260B (VOCs)			☐	☐	☐		5 days	8/29/2022		☐	☐
			SW8081A (OC Pesticides) ESLs w/ Florisil Clean-up			☐	☐	☐		5 days	8/31/2022		☐	☐
046A	H-3-3-6A,B	Soil	TCLP Extract and Hold	2 / (2:1)	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 10:40	5 days*	8/29/2022		☐	☐
			STLC Extract and Hold			☐	☐	☐		5 days*	8/29/2022		☐	☐
			Multi-Range TPH			☐	☐	☐		5 days	8/29/2022		☐	☐
			SW6020 (CAM 17)			☐	☐	☐		5 days	8/29/2022		☐	☐
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐	☐	☐		5 days	8/31/2022		☐	☐
			SW8260B (VOCs)			☐	☐	☐		5 days	8/29/2022		☐	☐
			SW8081A (OC Pesticides) ESLs w/ Florisil Clean-up			☐	☐	☐		5 days	8/31/2022		☐	☐
047A	H-3-6-9A,B	Soil	TCLP Extract and Hold	2 / (2:1)	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 10:43	5 days*	8/29/2022		☐	☐

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WORK ORDER SUMMARY

Client Name: LANGAN **Project:** 770634903; Burlingame Shoreline Park **Work Order:** 2208F40
Client Contact: Peter Cusack **QC Level:** LEVEL 2
Contact's Email: pcusack@Langan.com **Comments:** **Date Logged:** 8/22/2022

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☑ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
047A	H-3-6-9A,B	Soil	STLC Extract and Hold	2 / (2:1)	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 10:43	5 days*	8/29/2022		☐	☐
			Multi-Range TPH			☐	☐	☐		5 days	8/29/2022		☐	☐
			SW6020 (CAM 17)			☐	☐	☐		5 days	8/29/2022		☐	☐
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐	☐	☐		5 days	8/31/2022		☐	☐
			SW8260B (VOCs)			☐	☐	☐		5 days	8/29/2022		☐	☐
			SW8081A (OC Pesticides) ESLs w/ Florisil Clean-up			☐	☐	☐		5 days	8/31/2022		☐	☐

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16273 2208F40

LANGAN

CHAIN OF CUSTODY RECORD

- [ ] 135 Main Street, Suite 1500, San Francisco, CA 94105
- [ ] 501 14th Street, Third Floor, Oakland, CA 94612
- [ ] 3320 Data Drive, Suite 350, Rancho Cordova, CA 95670-7982
- [x] 1 Almaden Boulevard, Suite 590, San Jose, CA 95113

Site Name: Burlingame Shoreline Park
Job Number: 770634903
Project Manager\Contact: Peter Cusack / pcusack@langan.com
Samplers: Daniel Wood / Dulce Rodriguez
Recorder (Signature Required):

Turnaround Time: Standard

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Water	Air	Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice			Analysis Requested: Lead ★	TPH (g, d, mo)	Arsenic ★											Silica gel clean-up	Hold	Remarks
S-1WW-1.5	8-18-22	1500		X							X																X	★ Extract and Hold for STLC/TCLP
S-1N-1.5	8-18-22	1538												X														
S-22WW-3.0	8-18-22	1620																									X	
S-22W-3.0	8-18-22	1613													X													
S-22SS-3.0	8-18-22	1607																									X	
S-22S-3.0	8-18-22	1620													X													
S-22NN-3.0	8-18-22	1626																									X	
S-22N-3.0	8-18-22	1633													X													
S-22EE-3.0	8-18-22	1640																									X	
S-22E-3.0	8-18-22	1635													X													
S-22B-3.5	8-18-22	1630													X													
S-3B-2.0	8-18-22	1410														X												
S-3S-1.5	8-18-22	1420														X												
S-3SS-1.5	8-18-22	1412																									X	

Relinquished by: (Signature)	Date: 8-19-22	Time 1430	Received by: (Signature)	Date 8/22	Time 1200
Relinquished by: (Signature)	Date: 8/22/22	Time 1610	Received by: (Signature)	Date 8/22/22	Time 1610
Relinquished by: (Signature)	Date:	Time	Received by Lab: (Signature)	Date	Time

Sent to Laboratory (Name):
Laboratory Comments/Notes:

Method of Shipment: [ ] Lab courier [ ] Fed Ex [ ] Airborne [ ] UPS [ ] Hand Carried [ ] Private Courier (Co. Name)

White Copy - Original Yellow Copy - Laboratory Pink Copy - Field COC Number: 3.1

16244 2208F40

LANGAN

CHAIN OF CUSTODY RECORD

- [ ] 135 Main Street, Suite 1500, San Francisco, CA 94105
- [ ] 501 14th Street, Third Floor, Oakland, CA 94612
- [ ] 3320 Data Drive, Suite 350, Rancho Cordova, CA 95670-7982
- [x] 1 Almaden Boulevard, Suite 590, San Jose, CA 95113

Site Name: Burlingame Shoreline Project
Job Number: 770634903
Project Manager\Contact: Peter Cusack / pcusack@langan.com
Samplers: Daniel Wood / Dulce Rodriguez
Recorder (Signature Required):

Turnaround Time: Standard

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Water	Air	Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice	Analysis Requested: Lead*	Arsenic*	Asbestos	Silica gel clean-up	Hold	Remarks
S-3E-1.5	8-18-22	1359		X							X		X				* Extract and Hold for STLC/TCLP
S-3EE-1.5	8-18-22	1350														X	
S-3WW-1.5	8-18-22	1431											X			X	
S-3W-1.5	8-18-22	1425											X				
S-3N-1.5	8-18-22	1523											X				
S-4E-3.0	8-18-22	1150										X					
S-4EE-3.0	8-18-22	1143														X	
S-4W-3.0	8-18-22	1205										X					
S-4WW-3.0	8-18-22	1157														X	
S-4N-3.0	8-18-22	1155										X					
S-4B-3.5	8-18-22	1134										X					
S-4S-3.0	8-18-22	1122										X					
S-4SS-3.0	8-18-22	1109														X	

Relinquished by: (Signature)	Date: 8-19-22	Time 1430	Received by: (Signature)	Date 8/22/22	Time 1200
Relinquished by: (Signature) LWM	Date: 8/22/22	Time 1610	Received by: (Signature) Yvette Gallegos	Date 8/22/22	Time 1610
Relinquished by: (Signature)	Date:	Time	Received by Lab: (Signature)	Date	Time

Sent to Laboratory (Name):
Laboratory Comments/Notes:

Method of Shipment ☐ Lab courier ☐ Fed Ex ☐ Airborne ☐ UPS ☐ Hand Carried ☐ Private Courier (Co. Name)

White Copy - Original Yellow Copy - Laboratory Pink Copy - Field COC Number: 3.1-c mrb

16272 2208F40

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CHAIN OF CUSTODY RECORD

- [ ] 135 Main Street, Suite 1500, San Francisco, CA 94105
- [ ] 501 14th Street, Third Floor, Oakland, CA 94612
- [ ] 3320 Data Drive, Suite 350, Rancho Cordova, CA 95670-7982
- [x] 1 Almaden Boulevard, Suite 590, San Jose, CA 95113

Site Name: Burlingame Shoreline Project
Job Number: 770634903
Project Manager\Contact: Peter Cusack / pcusack@langan.com
Samplers: Daniel Wood / Bruce Rodriguez
Recorder (Signature Required):

Turnaround Time: Standard

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Water	Air	Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice		Analysis Requested: Lead*	Arsenic*	Asbestos										Silica gel clean-up	Hold	Remarks
S-5B-10.5	8-19-22	0859		X							X		X		X											* Extract and hold for STLC/TCLP
S-5N-10.0	8-19-22	1034											X		X											
S-5E-10.0	8-19-22	0920											X		X											
S-5EE-10.0	8-19-22	0937											~~X~~												X	
S-5S-10.0	8-19-22	1035											X		X											
S-5SS-10.0	8-19-22	1021																							X	
S-5W-10.0	8-19-22	1003											X		X											
S-5WW-10.0	8-19-22	0951																							X	
~~S-1B-20~~ DR S-1B	-2.0	8/18/22	1458										X													
S-1EE-1.5	8-18-22	1440																							X	
S-1E-1.5	8-18-22	1446											X													
S-1S-1.5	8-18-22	1503											X													
S-1SS-1.5	8-18-22	1512																							X	
S-1W-1.5	8-18-22	1518											X													

Relinquished by: (Signature)	Date: 8-19-22	Time 1430	Received by: (Signature)	Date 8/22/22 Time 1200
Relinquished by: (Signature)	Date: 8/22/22	Time 1610	Received by: (Signature)	Date 8/22/22 Time 1610
Relinquished by: (Signature)	Date:	Time	Received by Lab: (Signature)	Date Time

Sent to Laboratory (Name): _____
Laboratory Comments/Notes:

Method of Shipment: [ ] Lab courier [ ] Fed Ex [ ] Airborne [ ] UPS [ ] Hand Carried [ ] Private Courier (Co. Name) _____

White Copy - Original Yellow Copy - Laboratory Pink Copy - Field COC Number: 3.1

15799 2208F40

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☐ 3320 Data Drive, Suite 350, Rancho Cordova, CA 95670-7982
☒ 1 Almaden Boulevard, Suite 590, San Jose, CA 95113

Site Name: Burlingame Shoreline Project
Job Number: 770634903
Project Manager\Contact: Peter Cusack / pcusack@langan.com
Samplers: Daniel Wood / Dulce Rodriguez
Recorder (Signature Required):

Turnaround Time: standard

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Water	Air	Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice		Analysis Requested: TPH (g, d, mo)	CAM 17 metals ★	VOCs	SVOCs	OCPs	Silica gel clean-up	Hold	Remarks
H-1-3-6	8-18-22	0945		X							X		X	X	X	X	X			Please composite A and B
H-1-6-9	8-18-22	0955		|							|		X	X	X	X	X			Please composite A and B
H-2-3-6	8-18-22	1025		|							|		X	X	X	X	X			Please composite A and B
H-2-6-9	8-18-22	1028		|							|		X	X	X	X	X			Please composite A and B
H-3-3-6	8-18-22	1040		|							|		X	X	X	X	X			Please Composite A and B
H-3-6-9	8-18-22	1043		|							|		X	X	X	X	X			Please Composite A and B
																				★ Extract and hold for STLC/TCLP

Relinquished by: (Signature)	Date: 8-19-22	Time 1430	Received by: (Signature)	Date 8/22	Time 1200
Relinquished by: (Signature)	Date: 8/22/22	Time 1610	Received by: (Signature)	Date 8/22/22	Time 1610
Relinquished by: (Signature)	Date:	Time	Received by Lab: (Signature)	Date	Time

Sent to Laboratory (Name): _____
Laboratory Comments/Notes:

Method of Shipment: ☐ Lab courier ☐ Fed Ex ☐ Airborne ☐ UPS ☐ Hand Carried ☐ Private Courier (Co. Name) _____

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COC Number: 3.1 ec mt

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Sample Receipt Checklist

Client Name:	Langan	Date and Time Received:	8/22/2022 16:10
Project:	770634903; Burlingame Shoreline Park	Date Logged:	8/22/2022
		Received by:	Yvette Gallegos
WorkOrder №:	2208F40 Matrix: Soil	Logged by:	Yvette Gallegos
Carrier:	Laurie Moore (MAI Courier)		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☑	No	☐		
COC agrees with Quote?	Yes	☐	No	☐	NA	☑

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA	☑
Custody seals intact on sample bottles?	Yes	☐	No	☐	NA	☑
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 3.1°C				NA	☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☐	No	☐	NA	☑
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 218.7: >8)?	Yes	☐	No	☐	NA	☑
UCMR Samples:						
pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes	☐	No	☐	NA	☑

Comments:

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Analytical Report

WorkOrder: 2208F40 A

Report Created for: Langan

1 Almaden Blvd, Suite 590
San Jose, CA 95113

Project Contact: Peter Cusack
Project P.O.:
Project: 770634903; Burlingame Shoreline Park

Project Received: 08/22/2022

Analytical Report reviewed & approved for release on 09/09/2022 by:

Susan Thompson
Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in a case narrative.

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Glossary of Terms & Qualifier Definitions

Client: Langan **WorkOrder:** 2208F40 A

Project: 770634903; Burlingame Shoreline Park

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TZA	TimeZone Net Adjustment for sample collected outside of MAI's UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	CA Title 22
Date Prepared:	08/23/2022-08/24/2022	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/L

Metals (STLC)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-4S-3.0	2208F40-026A	Soil	08/18/2022 11:22	ICP-MS5 203SMPL.d	252603

Analytes	Result	RL	DF	Date Analyzed
Lead	**8.4**	0.10	1	08/31/2022 18:57

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-5B-10.5	2208F40-028A	Soil	08/19/2022 08:59	ICP-MS5 206SMPL.d	252603

Analytes	Result	RL	DF	Date Analyzed
Lead	**1.7**	0.10	1	08/31/2022 19:08

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-1-3-6A,B	2208F40-042A	Soil	08/18/2022 09:45	ICP-MS5 207SMPL.d	252507

Analytes	Result	RL	DF	Date Analyzed
Chromium	ND	0.10	1	08/31/2022 19:11

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-1-6-9A,B	2208F40-043A	Soil	08/18/2022 09:55	ICP-MS5 208SMPL.d	252603

Analytes	Result	RL	DF	Date Analyzed
Chromium	**6.3**	0.10	1	08/31/2022 19:15

Analyst(s): AL

(Cont.)

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	CA Title 22
Date Prepared:	08/23/2022-08/24/2022	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/L

Metals (STLC)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-2-3-6A,B	2208F40-044A	Soil	08/18/2022 10:25	ICP-MS4 279SMPL.d	252604

Analytes	Result	RL	DF	Date Analyzed
Lead	**1.6**	0.10	1	08/26/2022 23:15

Analyst(s): MIG

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-2-6-9A,B	2208F40-045A	Soil	08/18/2022 10:28	ICP-MS5 209SMPL.d	252604

Analytes	Result	RL	DF	Date Analyzed
Chromium	**0.57**	0.10	1	08/31/2022 19:18
Nickel	**3.1**	0.10	1	08/31/2022 19:18

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-3-3-6A,B	2208F40-046A	Soil	08/18/2022 10:40	ICP-MS5 210SMPL.d	252604

Analytes	Result	RL	DF	Date Analyzed
Chromium	**0.19**	0.10	1	08/31/2022 19:22
Lead	**1.2**	0.10	1	08/31/2022 19:22

Analyst(s): AL

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	CA Title 22
Date Prepared:	08/23/2022-08/24/2022	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/L

Metals (STLC)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-3-6-9A,B	**2208F40-047A**	**Soil**	**08/18/2022 10:43**	**ICP-MS5 211SMPL.d**	**252604**

Analytes	Result	RL	DF	Date Analyzed
Chromium	**0.42**	0.10	1	08/31/2022 19:25
Lead	**1.0**	0.10	1	08/31/2022 19:25

Analyst(s): AL

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Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW1311/SW3010
Date Prepared:	08/23/2022	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/L

Metals (TCLP)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
H-3-6-9A,B	2208F40-047A	Soil	08/18/2022 10:43	ICP-MS5 212SMPL.d	252510

Analytes	Result	RL	DF	Date Analyzed
Chromium	ND	0.10	1	08/31/2022 19:29

Analyst(s): AL

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Quality Control Report

Client:	Langan	**WorkOrder:**	2208F40
Date Prepared:	08/23/2022	**BatchID:**	252507
Date Analyzed:	08/25/2022	**Extraction Method:**	CA Title 22
Instrument:	ICP-MS5	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/L
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-252507

QC Summary Report for Metals (STLC)

Analyte	MB Result	MDL	RL			
Chromium	ND	0.10	0.10	-	-	-
Lead	ND	0.10	0.10	-	-	-
Nickel	ND	0.10	0.10	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Chromium	9.8	9.8	10	98	98	75-125	0.0143	20
Lead	9.6	9.4	10	96	94	75-125	2.15	20
Nickel	9.5	9.5	10	95	95	75-125	0.256	20

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Quality Control Report

Client:	Langan	**WorkOrder:**	2208F40
Date Prepared:	08/24/2022	**BatchID:**	252603
Date Analyzed:	08/26/2022 - 08/27/2022	**Extraction Method:**	CA Title 22
Instrument:	ICP-MS4	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/L
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-252603

QC Summary Report for Metals (STLC)

Analyte	MB Result	MDL	RL			
Chromium	ND	0.10	0.10	-	-	-
Lead	ND	0.10	0.10	-	-	-
Nickel	ND	0.10	0.10	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Chromium	9.4	9.3	10	94	93	75-125	0.801	20
Lead	9.0	9.0	10	90	90	75-125	0.918	20
Nickel	9.1	9.2	10	91	92	75-125	0.999	20

(Cont.)

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Quality Control Report

Client:	Langan	**WorkOrder:**	2208F40
Date Prepared:	08/24/2022	**BatchID:**	252604
Date Analyzed:	08/26/2022	**Extraction Method:**	CA Title 22
Instrument:	ICP-MS4	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/L
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-252604 2208F40-044AMS/MSD

QC Summary Report for Metals (STLC)

Analyte	MB Result	MDL	RL			
Chromium	ND	0.10	0.10	-	-	-
Lead	ND	0.10	0.10	-	-	-
Nickel	ND	0.10	0.10	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Chromium	9.9	9.8	10	99	98	75-125	0.915	20
Lead	9.6	9.5	10	96	95	75-125	0.373	20
Nickel	9.6	9.5	10	96	95	75-125	0.985	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Chromium	1	10	10	10	0.19	99	101	75-125	1.64	20
Lead	1	11	11	10	1.557	97	97	75-125	0.242	20
Nickel	1	10	10	10	0.66	96	97	75-125	0.552	20

Analyte	DLT Result	DLTRef Val	%D	%D Limit
Chromium	ND<0.50	0.19	-	-
Lead	1.5	1.557	3.66	-
Nickel	0.65	0.66	1.52	-

%D Control Limit applied to analytes with concentrations greater than 25 times the reporting limits.

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Quality Control Report

Client:	Langan	**WorkOrder:**	2208F40
Date Prepared:	08/23/2022	**BatchID:**	252510
Date Analyzed:	08/24/2022	**Extraction Method:**	SW1311/SW3010
Instrument:	ICP-MS4	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/L
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-252510

QC Summary Report for Metals (TCLP)

Analyte	MB Result	MDL	RL			
Chromium	ND	0.10	0.10	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Chromium	9.4	9.1	10	94	91	75-125	3.74	20

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(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2208F40 A **ClientCode: TRSJ**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☑ Detection Summary ☐ Excel

Report to:
Peter Cusack
Langan
1 Almaden Blvd, Suite 590
San Jose, CA 95113
(415) 955-5283 FAX:

Email: pcusack@Langan.com
cc/3rd Party: dwood@langan.com;
PO:
Project: 770634903; Burlingame Shoreline Park

Bill to:
Accounts Payable
Langan
555 Montgomery St., Suite 1300
San Francisco, CA 94111
Langan_InvoiceCapture@concursolutio

Requested TAT: **5 days;**

Date Received: **08/22/2022**
Date Logged: **08/22/2022**
Date Add-On: **08/30/2022**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
2208F40-026	S-4S-3.0	Soil	8/18/2022 11:22	☐	A											
2208F40-028	S-5B-10.5	Soil	8/19/2022 08:59	☐	A											
2208F40-042	H-1-3-6A,B	Soil	8/18/2022 09:45	☐	A											
2208F40-043	H-1-6-9A,B	Soil	8/18/2022 09:55	☐	A											
2208F40-044	H-2-3-6A,B	Soil	8/18/2022 10:25	☐	A											
2208F40-045	H-2-6-9A,B	Soil	8/18/2022 10:28	☐	A											
2208F40-046	H-3-3-6A,B	Soil	8/18/2022 10:40	☐	A											
2208F40-047	H-3-6-9A,B	Soil	8/18/2022 10:43	☐	A	A										

Test Legend:

1	METALSMS_STLC_S	2	METALSMS_TCLP_S	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Yvette Gallegos

Add-On Prepared By: Maria Venegas

Comments: STLC & TCLP added 8/30/22 STAT.

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: LANGAN
Client Contact: Peter Cusack
Contact's Email pcusack@Langan.com

Project: 770634903; Burlingame Shoreline Park
Comments: STLC & TCLP added 8/30/22 STAT.

Work Order: 2208F40
QC Level: LEVEL 2
Date Logged: 8/22/2022
Date Add-On: 8/30/2022

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
026A	S-4S-3.0	Soil	SW6020 (Metals) (STLC) <Lead>	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 11:22	5 days*	9/9/2022		☐	0
028A	S-5B-10.5	Soil	SW6020 (Metals) (STLC) <Lead>	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/19/2022 8:59	5 days*	9/9/2022		☐	0
042A	H-1-3-6A,B	Soil	SW6020 (Metals) (STLC) <Chromium>	2 / (2:1)	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 9:45	5 days*	9/9/2022		☐	0
043A	H-1-6-9A,B	Soil	SW6020 (Metals) (STLC) <Chromium>	2 / (2:1)	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 9:55	5 days*	9/9/2022		☐	0
044A	H-2-3-6A,B	Soil	SW6020 (Metals) (STLC) <Lead>	2 / (2:1)	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 10:25	5 days*	9/9/2022		☐	0
045A	H-2-6-9A,B	Soil	SW6020 (Metals) (STLC) <Chromium, Nickel>	2 / (2:1)	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 10:28	5 days*	9/9/2022		☐	0
046A	H-3-3-6A,B	Soil	SW6020 (Metals) (STLC) <Chromium, Lead>	2 / (2:1)	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 10:40	5 days*	9/9/2022		☐	0
047A	H-3-6-9A,B	Soil	SW6020 (Metals) (TCLP) <Chromium>	2 / (2:1)	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 10:43	5 days*	9/9/2022		☐	0
			SW6020 (Metals) (STLC) <Chromium, Lead>			☐	☐	☐		5 days*	9/9/2022		☐	0

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

16244 2208F40

LANGAN

CHAIN OF CUSTODY RECORD

- ☐ 135 Main Street, Suite 1500, San Francisco, CA 94105
- ☐ 501 14th Street, Third Floor, Oakland, CA 94612
- ☐ 3320 Data Drive, Suite 350, Rancho Cordova, CA 95670-7982
- ☒ 1 Almaden Boulevard, Suite 590, San Jose, CA 95113

Site Name: Burlingame Shoreline Project
Job Number: 770634903
Project Manager\Contact: Peter Cusack / pcusack@langan.com
Samplers: Daniel Wood / Dulce Rodriguez
Recorder (Signature Required):

Turnaround Time: Standard

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Water	Air	Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice	Analysis Requested: Lead ★	Arsenic ★	Asbestos	STLC Pb	Silica gel clean-up	Hold	Remarks
S-3E-1.5	8-18-22	1359		X							X		X					★ Extract and Hold for STLC/TCLP
S-3EE-1.5	8-18-22	1350															X	
S-3WW-1.5	8-18-22	1431															X	
S-3W-1.5	8-18-22	1425											X					
S-3N-1.5	8-18-22	1523											X					
S-4E-3.0	8-18-22	1150										X						
S-4EE-3.0	8-18-22	1143															X	
S-4W-3.0	8-18-22	1205										X						
S-4WW-3.0	8-18-22	1157															X	
S-4N-3.0	8-18-22	1155										X						
S-4B-3.5	8-18-22	1134										X						
S-4S-3.0	8-18-22	1122										X			X			
S-4SS-3.0	8-18-22	1109															X	

Relinquished by: (Signature)	Date:	Time	Received by: (Signature)	Date	Time
	8-19-22	1430		8/22/22	1200
Relinquished by: (Signature)	Date:	Time	Received by: (Signature)	Date	Time
	8/22/22	1610		8/22/22	1610
Relinquished by: (Signature)	Date:	Time	Received by Lab: (Signature)	Date	Time

Sent to Laboratory (Name):
Laboratory Comments/Notes: Added 8/30/22 STAT

Method of Shipment: ☐ Lab courier ☐ Fed Ex ☐ Airborne ☐ UPS ☐ Hand Carried ☐ Private Courier (Co. Name)

White Copy - Original Yellow Copy - Laboratory Pink Copy - Field

COC Number: 3.1-c must

16272 2208F40

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- ☒ 1 Almaden Boulevard, Suite 590, San Jose, CA 95113

Site Name: Burlingame Shoreline Project
Job Number: 770634903
Project Manager\Contact: Peter Cusack / pcusack@langan.com
Samplers: Daniel Wood / Dulce Rodriguez
Recorder (Signature Required):

Turnaround Time: Standard

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Water	Air	Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice	Analysis Requested: Lead	Arsenic	Asbestos	STLC Pb	Silica gel clean-up	Hold	Remarks
S-5B-10.5	8-19-22	0859		X							X	X		X				* Extract and hold for STLC/TCLP
S-5N-10.0	8-19-22	1034										X		X				
S-5E-10.0	8-19-22	0920										X		X				
S-5EE-10.0	8-19-22	0937										*					X	
S-5S-10.0	8-19-22	1035										X		X				
S-5SS-10.0	8-19-22	1021															X	
S-5W-10.0	8-19-22	1003										X		X				
S-5WW-10.0	8-19-22	0951															X	
~~S-1B-20~~ DR S-1B-2.0	8/18/22	1458										X						
S-1EE-1.5	8-18-22	1440															X	
S-1E-1.5	8-18-22	1446										X						
S-1S-1.5	8-18-22	1503										X						
S-1SS-1.5	8-18-22	1512															X	
S-1W-1.5	8-18-22	1518										X						

Relinquished by: (Signature)	Date: 8-19-22	Time 1430	Received by: (Signature)	Date 8/22/22	Time 1200
Relinquished by: (Signature)	Date: 8/22/22	Time 1610	Received by: (Signature)	Date 8/22/22	Time 1610
Relinquished by: (Signature)	Date:	Time	Received by Lab: (Signature)	Date	Time

Sent to Laboratory (Name):
Laboratory Comments/Notes:

Method of Shipment: ☐ Lab courier ☐ Fed Ex ☐ Airborne ☐ UPS ☐ Hand Carried ☐ Private Courier (Co. Name)

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15799 2208F40

LANGAN

CHAIN OF CUSTODY RECORD

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- [ ] 3320 Data Drive, Suite 350, Rancho Cordova, CA 95670-7982
- [x] 1 Almaden Boulevard, Suite 590, San Jose, CA 95113

Site Name: Burlingame Shoreline Project
Job Number: 770634903
Project Manager\Contact: Peter Cusack / pcusack@langan.com
Samplers: Daniel Wood / Dulce Rodriguez
Recorder (Signature Required):

Turnaround Time: Standard

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Water	Air	Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice		Analysis Requested: TPH (g, d, mo)	CAM 17 metals	VOCs	SVOCs	OCPs	STLC Cr	STLC Pb	STLC Ni	TCLP Cr			Silica gel clean-up	Hold	Remarks
H-1-3-6	8-18-22	0945		X							X		X	X	X	X	X	X								Please composite A and B
H-1-6-9	8-18-22	0955		|						|		X	X	X	X	X	X								Please composite A and B
H-2-3-6	8-18-22	1025		|						|		X	X	X	X	X		X							Please composite A and B
H-2-6-9	8-18-22	1028		|						|		X	X	X	X	X	X		X						Please composite A and B
H-3-3-6	8-18-22	1040		|						|		X	X	X	X	X	X	X							Please Composite A and B
H-3-6-9	8-18-22	1043		|						|		X	X	X	X	X	X	X		X					Please Composite A and B
																										☆ Extract and hold for STLC/TCLP

	Date	Time		Date	Time
Relinquished by: (Signature)	8-19-22	1430	Received by: (Signature)	8/22	1200
Relinquished by: (Signature)	8/22/22	1610	Received by: (Signature)	8/22/22	1610
Relinquished by: (Signature)	Date:	Time	Received by Lab: (Signature)	Date	Time

Sent to Laboratory (Name):
Laboratory Comments/Notes:

Method of Shipment: [ ] Lab courier [ ] Fed Ex [ ] Airborne [ ] UPS [ ] Hand Carried [ ] Private Courier (Co. Name)

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COC Number: 3.1 ~~cc~~ mt

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2208F40 B

Report Created for: Langan

1 Almaden Blvd, Suite 590
San Jose, CA 95113

Project Contact: Peter Cusack
Project P.O.:
Project: 770634903; Burlingame Shoreline Park

Project Received: 08/22/2022

Analytical Report reviewed & approved for release on 09/26/2022 by:

Christine Askari
Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in a case narrative.

1534 Willow Pass Rd. Pittsburg, CA 94565 ♦ TEL: (877) 252-9262 ♦ FAX: (925) 252-9269 ♦ www.mccampbell.com
CA ELAP 1644 ♦ NELAP 4033 ORELAP

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Langan **WorkOrder:** 2208F40 B

Project: 770634903; Burlingame Shoreline Park

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TZA	TimeZone Net Adjustment for sample collected outside of MAI's UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Langan	**WorkOrder:**	2208F40
Date Received:	08/22/2022 16:10	**Extraction Method:**	SW1311/SW3010
Date Prepared:	08/23/2022	**Analytical Method:**	SW6020
Project:	770634903; Burlingame Shoreline Park	**Unit:**	mg/L

Metals (TCLP)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-4S-3.0	2208F40-026A	Soil	08/18/2022 11:22	ICP-MS4 155SMPL.d	252509

Analytes	Result	RL	DF	Date Analyzed
Lead	ND	0.10	1	09/26/2022 13:35

Analyst(s): MIG

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Quality Control Report

Client:	Langan	**WorkOrder:**	2208F40
Date Prepared:	08/23/2022	**BatchID:**	252509
Date Analyzed:	08/24/2022	**Extraction Method:**	SW1311/SW3010
Instrument:	ICP-MS4	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/L
Project:	770634903; Burlingame Shoreline Park	**Sample ID:**	MB/LCS/LCSD-252509

QC Summary Report for Metals (TCLP)

Analyte	MB Result	MDL	RL			
Lead	ND	0.10	0.10	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Lead	9.5	9.5	10	95	95	75-125	0.0629	20

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Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2208F40 B **ClientCode: TRSJ**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☐ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☐ Detection Summary ☐ Excel

Report to:
Peter Cusack
Langan
1 Almaden Blvd, Suite 590
San Jose, CA 95113
(415) 955-5283 FAX:

Email: pcusack@Langan.com
cc/3rd Party: dwood@langan.com;
PO:
Project: 770634903; Burlingame Shoreline Park

Bill to:
Accounts Payable
Langan
555 Montgomery St., Suite 1300
San Francisco, CA 94111
Langan_InvoiceCapture@concursolutio

Requested TAT: **5 days;**

Date Received: **08/22/2022**
Date Logged: **08/22/2022**
Date Add-On: **09/26/2022**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
2208F40-026	S-4S-3.0	Soil	8/18/2022 11:22	☐	A											

Test Legend:

1	METALSMS_TCLP_S	2		3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Yvette Gallegos

Add-On Prepared By: Maria Venegas

Comments: STLC & TCLP added 8/30/22 STAT.

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: LANGAN
Client Contact: Peter Cusack
Contact's Email pcusack@Langan.com

Project: 770634903; Burlingame Shoreline Park
Comments: STLC & TCLP added 8/30/22 STAT.

Work Order: 2208F40
QC Level: LEVEL 2
Date Logged: 8/22/2022
Date Add-On: 9/26/2022

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
026A	S-4S-3.0	Soil	SW6020 (Metals) (TCLP) <Lead>	1	Stainless Steel tube 2"x6"	☐	☐	☐	8/18/2022 11:22	5 days*	10/5/2022		☐	0

NOTES: *** STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).**

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

16244 2208F40

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CHAIN OF CUSTODY RECORD

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Site Name: Burlingame Shoreline Project
Job Number: 770634903
Project Manager\Contact: Peter Cusack / pcusack@langan.com
Samplers: Daniel Wood / Dulce Rodriguez
Recorder (Signature Required):

Turnaround Time: Standard

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Water	Air	Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice	Analysis Requested: Lead	Arsenic	Asbestos	STLC Pb	TCLP Pb	Silica gel clean-up	Hold	Remarks
S-3E-1.5	8-18-22	1359		X							X		X						★ Extract and Hold for STLC/TCLP
S-3EE-1.5	8-18-22	1350																X	
S-3WW-1.5	8-18-22	1431																X	
S-3W-1.5	8-18-22	1425											X						
S-3N-1.5	8-18-22	1523											X						
S-4E-3.0	8-18-22	1150										X							
S-4EE-3.0	8-18-22	1143																X	
S-4W-3.0	8-18-22	1205										X							
S-4WW-3.0	8-18-22	1157																X	
S-4N-3.0	8-18-22	1155										X							
S-4B-3.5	8-18-22	1134										X							
S-4S-3.0	8-18-22	1122										X			XX	XX			
S-4SS-3.0	8-18-22	1109																X	

Relinquished by: (Signature)	Date: 8-19-22	Time 1430	Received by: (Signature)	Date 8/22/22 Time 1200
Relinquished by: (Signature)	Date: 8/22/22	Time 1610	Received by: (Signature)	Date 8/22/22 Time 1610
Relinquished by: (Signature)	Date:	Time	Received by Lab: (Signature)	Date Time

Sent to Laboratory (Name):
Laboratory Comments/Notes: Added 8/30/22 STAT

Method of Shipment: [ ] Lab courier [ ] Fed Ex [ ] Airborne [ ] UPS [ ] Hand Carried [ ] Private Courier (Co. Name)

White Copy - Original Yellow Copy - Laboratory Pink Copy - Field

COC Number: 3.1-c must

Added 9/26/22 STAT

Appendix F
Noise and Vibration Assessment

BAY RISE PARK
NOISE AND VIBRATION ASSESSMENT

Burlingame, California

September 26, 2024

Prepared for:

Fiona Phung
Project Manager
David J. Powers & Associates, Inc.
1871 The Alameda, Suite 200
San José, CA 95126

Prepared by:

Michael S. Thill
Principal Consultant

ILLINGWORTH & RODKIN, INC.
Acoustics • Air Quality
429 East Cotati Avenue
Cotati, CA 94931
(707) 794-0400

I&R Project No.: 21-115

INTRODUCTION

The project will redevelop an approximately 10.2 acre parcel (9.4 acres of land) in the Bayfront area of Burlingame for the Bay Rise Park Project. The project would transform the vacant parcel into a public nature and recreation park with an approximately 8,600-square-foot (sf) education /event center building (approximately 14,000 including roof overhang), and a drop-off loop and one-way drive, which would enter the project site from Airport Boulevard and exit onto Bay View Place. The project would provide 28 on-site parking spaces that could be accessed from the one-way drive as well as 30 off-street parking spaces, for a total of 58 parking spaces. In addition, the project would restore the natural tidal-marsh, improve the section of the Bay Trail, facilitate water access and recreation with water access ramps for kayaking and board sailing, and provide new viewing decks and patios, a small take-out café, multi-purpose and lawn areas, secondary trails throughout the site, an interpretive program, and interpretive elements related to sea-level rise resiliency demonstration.

This report evaluates the project's potential to result in significant noise and vibration impacts with respect to applicable California Environmental Quality Act (CEQA) guidelines. The report is divided into three sections: 1) the Setting Section provides a brief description of the fundamentals of environmental noise and groundborne vibration, summarizes applicable regulatory criteria, and discusses the results of the ambient noise monitoring survey completed to document existing noise conditions; 2) the General Plan Consistency Section discusses the noise and land use compatibility of the project utilizing policies in the City's General Plan; and, 3) the Impacts and Mitigation Measures Section describes the significance criteria used to evaluate project impacts, provides a discussion of each project impact, and presents measures, where necessary, to mitigate the impacts of the project on sensitive receptors in the project vicinity.

SETTING

Fundamentals of Environmental Noise

Noise may be defined as unwanted sound. Noise is usually objectionable because it is disturbing or annoying. The objectionable nature of sound could be caused by its *pitch* or its *loudness*. *Pitch* is the height or depth of a tone or sound, depending on the relative rapidity (*frequency*) of the vibrations by which it is produced. Higher pitched signals sound louder to humans than sounds with a lower pitch. *Loudness* is the intensity of sound waves combined with the reception characteristics of the ear. Intensity may be compared with the height of an ocean wave in that it is a measure of the amplitude of the sound wave.

In addition to the concepts of pitch and loudness, there are several noise measurement scales which are used to describe noise in a particular location. A *decibel (dB)* is a unit of measurement which indicates the relative amplitude of a sound. The zero on the decibel scale is based on the lowest sound level that the healthy, unimpaired human ear can detect. Sound levels in decibels are calculated on a logarithmic basis. An increase of 10 decibels represents a ten-fold increase in acoustic energy, while 20 decibels is 100 times more intense, 30 decibels is 1,000 times more intense, etc. There is a relationship between the subjective noisiness or loudness of a sound and its

intensity. Each 10 decibel increase in sound level is perceived as approximately a doubling of loudness over a fairly wide range of intensities. Technical terms are defined in Table 1.

There are several methods of characterizing sound. The most common in California is the *A-weighted sound level (dBA).* This scale gives greater weight to the frequencies of sound to which the human ear is most sensitive. Representative outdoor and indoor noise levels in units of dBA are shown in Table 2. Because sound levels can vary markedly over a short period of time, a method for describing either the average character of the sound or the statistical behavior of the variations must be utilized. Most commonly, environmental sounds are described in terms of an average level that has the same acoustical energy as the summation of all the time-varying events. This *energy-equivalent sound/noise descriptor* is called L_{eq}. The most common averaging period is hourly, but L_{eq} can describe any series of noise events of arbitrary duration.

The scientific instrument used to measure noise is the sound level meter. Sound level meters can accurately measure environmental noise levels to within about plus or minus 1 dBA. Various computer models are used to predict environmental noise levels from sources, such as roadways and airports. The accuracy of the predicted models depends upon the distance the receptor is from the noise source. Close to the noise source, the models are accurate to within about plus or minus 1 to 2 dBA.

Since the sensitivity to noise increases during the evening and at night -- because excessive noise interferes with the ability to sleep -- 24-hour descriptors have been developed that incorporate artificial noise penalties added to quiet-time noise events. The *Community Noise Equivalent Level* (*CNEL*) is a measure of the cumulative noise exposure in a community, with a 5 dB penalty added to evening (7:00 p.m. to 10:00 p.m.) and a 10 dB addition to nocturnal (10:00 p.m. to 7:00 a.m.) noise levels. The *Day/Night Average Sound Level* (*DNL* or L_{dn}) is essentially the same as CNEL, with the exception that the evening time period is dropped and all occurrences during this three-hour period are grouped into the daytime period.

Effects of Noise

Sleep and Speech Interference

The thresholds for speech interference indoors are about 45 dBA if the noise is steady and above 55 dBA if the noise is fluctuating. Outdoors the thresholds are about 15 dBA higher. Steady noise of sufficient intensity (above 35 dBA) and fluctuating noise levels above about 45 dBA have been shown to affect sleep. Interior residential standards for multi-family dwellings are set by the State of California at 45 dBA L_{dn}. Typically, the highest steady traffic noise level during the daytime is about equal to the L_{dn} and nighttime levels are 10 dBA lower. The standard is designed for sleep and speech protection and most jurisdictions apply the same criterion for all residential uses. Typical structural attenuation is 12-17 dBA with open windows. With closed windows in good condition, the noise attenuation factor is around 20 dBA for an older structure and 25 dBA for a newer dwelling.[1] Sleep and speech interference is therefore possible when exterior noise levels are about 57-62 dBA L_{dn} with open windows and 65-70 dBA L_{dn} if the windows are closed. Levels of

[1] Based on the U.S. Department of Transportation Federal Highway Administration document "Highway Traffic Noise: Analysis and Abatement Guidance" (2010) and data from Illingworth & Rodkin, Inc. noise monitoring projects.

55-60 dBA are common along collector streets and secondary arterials, while 65-70 dBA is a typical value for a primary/major arterial. Levels of 75-80 dBA are normal noise levels at the first row of development outside a freeway right-of-way. In order to achieve an acceptable interior noise environment, bedrooms facing secondary roadways need to be able to have their windows closed, those facing major roadways and freeways typically need special glass windows.

Annoyance

Attitude surveys are used for measuring the annoyance felt in a community for noises intruding into homes or affecting outdoor activity areas. In these surveys, it was determined that the causes for annoyance include interference with speech, radio and television, house vibrations, and interference with sleep and rest. The L_{dn} as a measure of noise has been found to provide a valid correlation of noise level and the percentage of people annoyed. People have been asked to judge the annoyance caused by aircraft noise and ground transportation noise. There continues to be disagreement about the relative annoyance of these different sources. When measuring the percentage of the population highly annoyed, the threshold for ground vehicle noise is about 55 dBA L_{dn}. At an L_{dn} of about 60 dBA, approximately 2 percent of the population is highly annoyed. When the L_{dn} increases to 70 dBA, the percentage of the population highly annoyed increases to about 12 percent of the population. There is, therefore, an increase of about 1 percent per dBA between an L_{dn} of 60-70 dBA. Between an L_{dn} of 70-80 dBA, each decibel increase increases by about 2 percent the percentage of the population highly annoyed. People appear to respond more adversely to aircraft noise. When the L_{dn} is 60 dBA, approximately 10 percent of the population is believed to be highly annoyed. Each decibel increase to 70 dBA adds about 2 percentage points to the number of people highly annoyed. Above 70 dBA, each decibel increase results in about a 3 percent increase in the percentage of the population highly annoyed.[2]

[2] Kryter, Karl D. The Effects of Noise on Man. Menlo Park, Academic Press, Inc., 1985.

TABLE 1 Definition of Acoustical Terms Used in this Report

Term	Definition
Decibel, dB	A unit describing the amplitude of sound, equal to 20 times the logarithm to the base 10 of the ratio of the pressure of the sound measured to the reference pressure. The reference pressure for air is 20 micro Pascals.
Sound Pressure Level	Sound pressure is the sound force per unit area, usually expressed in micro Pascals (or 20 micro Newtons per square meter), where 1 Pascal is the pressure resulting from a force of 1 Newton exerted over an area of 1 square meter. The sound pressure level is expressed in decibels as 20 times the logarithm to the base 10 of the ratio between the pressures exerted by the sound to a reference sound pressure (e. g., 20 micro Pascals). Sound pressure level is the quantity that is directly measured by a sound level meter.
Frequency, Hz	The number of complete pressure fluctuations per second above and below atmospheric pressure. Normal human hearing is between 20 Hz and 20,000 Hz. Infrasonic sound are below 20 Hz and Ultrasonic sounds are above 20,000 Hz.
A-Weighted Sound Level, dBA	The sound pressure level in decibels as measured on a sound level meter using the A-weighting filter network. The A-weighting filter de-emphasizes the very low and very high frequency components of the sound in a manner similar to the frequency response of the human ear and correlates well with subjective reactions to noise.
Equivalent Noise Level, L_{eq}	The average A-weighted noise level during the measurement period.
L_{max}, L_{min}	The maximum and minimum A-weighted noise level during the measurement period.
L_{01}, L_{10}, L_{50}, L_{90}	The A-weighted noise levels that are exceeded 1%, 10%, 50%, and 90% of the time during the measurement period.
Day/Night Noise Level, L_{dn} or DNL	The average A-weighted noise level during a 24-hour day, obtained after addition of 10 decibels to levels measured in the night between 10:00 pm and 7:00 am.
Community Noise Equivalent Level, CNEL	The average A-weighted noise level during a 24-hour day, obtained after addition of 5 decibels in the evening from 7:00 pm to 10:00 pm and after addition of 10 decibels to sound levels measured in the night between 10:00 pm and 7:00 am.
Ambient Noise Level	The composite of noise from all sources near and far. The normal or existing level of environmental noise at a given location.
Intrusive	That noise which intrudes over and above the existing ambient noise at a given location. The relative intrusiveness of a sound depends upon its amplitude, duration, frequency, and time of occurrence and tonal or informational content as well as the prevailing ambient noise level.

Source: Handbook of Acoustical Measurements and Noise Control, Harris, 1998.

TABLE 2 Typical Noise Levels in the Environment

Common Outdoor Activities	Noise Level (dBA)	Common Indoor Activities
	110 dBA	Rock band
Jet fly-over at 1,000 feet		
	100 dBA	
Gas lawn mower at 3 feet		
	90 dBA	
Diesel truck at 50 feet at 50 mph		Food blender at 3 feet
	80 dBA	Garbage disposal at 3 feet
Noisy urban area, daytime		
Gas lawn mower, 100 feet	70 dBA	Vacuum cleaner at 10 feet
Commercial area		Normal speech at 3 feet
Heavy traffic at 300 feet	60 dBA	
		Large business office
Quiet urban daytime	50 dBA	Dishwasher in next room
Quiet urban nighttime	40 dBA	Theater, large conference room
Quiet suburban nighttime		
	30 dBA	Library
Quiet rural nighttime		Bedroom at night, concert hall (background)
	20 dBA	
		Broadcast/recording studio
	10 dBA	
	0 dBA	

Source: Technical Noise Supplement (TeNS), California Department of Transportation, September 2013.

Fundamentals of Groundborne Vibration

Ground vibration consists of rapidly fluctuating motions or waves with an average motion of zero. Several different methods are typically used to quantify vibration amplitude. One method is the Peak Particle Velocity (PPV). The PPV is defined as the maximum instantaneous positive or negative peak of the vibration wave. In this report, a PPV descriptor with units of mm/sec or in/sec is used to evaluate construction generated vibration for building damage and human complaints. Table 3 displays the reactions of people and the effects on buildings that continuous or frequent intermittent vibration levels produce. The guidelines in Table 3 represent syntheses of vibration criteria for human response and potential damage to buildings resulting from construction vibration.

Construction activities can cause vibration that varies in intensity depending on several factors. The use of pile driving and vibratory compaction equipment typically generates the highest construction related groundborne vibration levels. Because of the impulsive nature of such activities, the use of the PPV descriptor has been routinely used to measure and assess groundborne vibration and almost exclusively to assess the potential of vibration to cause damage and the degree of annoyance for humans.

The two primary concerns with construction-induced vibration, the potential to damage a structure and the potential to interfere with the enjoyment of life, are evaluated against different vibration limits. Human perception to vibration varies with the individual and is a function of physical setting and the type of vibration. Persons exposed to elevated ambient vibration levels, such as people in an urban environment, may tolerate a higher vibration level.

Structural damage can be classified as cosmetic only, such as paint flaking or minimal extension of cracks in building surfaces; minor, including limited surface cracking; or major, that may threaten the structural integrity of the building. Safe vibration limits that can be applied to assess the potential for damaging a structure vary by researcher. The damage criteria presented in Table 3 include several categories for ancient, fragile, and historic structures, the types of structures most at risk to damage. Most buildings are included within the categories ranging from “Historic and some old buildings” to “Modern industrial/commercial buildings.” Construction-induced vibration that can be detrimental to the building is very rare and has only been observed in instances where the structure is at a high state of disrepair and the construction activity occurs immediately adjacent to the structure.

The annoyance levels shown in Table 3 should be interpreted with care since vibration may be found to be annoying at lower levels than those shown, depending on the level of activity or the sensitivity of the individual. To sensitive individuals, vibrations approaching the threshold of perception can be annoying. Low-level vibrations frequently cause irritating secondary vibration, such as a slight rattling of windows, doors, or stacked dishes. The rattling sound can give rise to exaggerated vibration complaints, even though there is very little risk of actual structural damage.

TABLE 3 Reaction of People and Damage to Buildings from Continuous or Frequent Intermittent Vibration Levels

Velocity Level, PPV (in/sec)	Human Reaction	Effect on Buildings
0.01	Barely perceptible	No effect
0.04	Distinctly perceptible	Vibration unlikely to cause damage of any type to any structure
0.08	Distinctly perceptible to strongly perceptible	Recommended upper level of the vibration to which ruins and ancient monuments should be subjected
0.1	Strongly perceptible	Threshold at which there is a risk of damage to fragile buildings with no risk of damage to most buildings
0.25	Strongly perceptible to severe	Threshold at which there is a risk of damage to historic and some old buildings.
0.3	Strongly perceptible to severe	Threshold at which there is a risk of damage to older residential structures
0.5	Severe - Vibrations considered unpleasant	Threshold at which there is a risk of damage to new residential and modern commercial/industrial structures

Source: Transportation and Construction Vibration Guidance Manual, California Department of Transportation, April 2020.

Regulatory Background – Noise

This section describes the relevant guidelines, policies, and standards established by Federal and State Agencies, San Mateo County, and the City of Burlingame. The State CEQA Guidelines, Appendix G, are used to assess the potential significance of impacts pursuant to local General Plan policies or the applicable standards of other agencies. A summary of the applicable regulatory criteria is provided below.

Federal

Federal Transit Administration. The Federal Transit Administration (FTA) has identified construction noise thresholds in the *Transit Noise and Vibration Impact Assessment Manual,*[3] which limit daytime construction noise to 80 dBA L_{eq} at residential land uses, 85 dBA L_{eq} at commercial and office uses, and to 90 dBA L_{eq} at industrial land uses. Although these guidelines are not directly applicable to the project, they are commonly used in many jurisdictions when quantitative daytime construction noise thresholds are not available.

State of California

State CEQA Guidelines. The California Environmental Quality Act (CEQA) contains guidelines to evaluate the significance of effects of environmental noise attributable to a proposed project. Under CEQA, noise impacts would be considered significant if the project would result in:

[3] Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, FTA Report No. 0123, September 2018.

a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies;

b) Generation of excessive groundborne vibration or groundborne noise levels;

c) For a project located within the vicinity of a private airstrip or an airport land use plan or where such a plan has not been adopted within two miles of a public airport or public use airport, if the project would expose people residing or working in the project area to excessive noise levels.

San Mateo County

Airport Land Use Compatibility Plan (ALUCP) for the Environs of San Francisco International Airport 2012. The airport noise compatibility policies described in this section outline compatibility criteria for the proposed land use.

> **NP-2 Airport Noise/Land Use Compatibility Criteria.** The compatibility of proposed land uses located in the Airport noise compatibility zones shall be determined according to the noise/land use compatibility criteria shown in Table IV-1. The criteria indicate the maximum acceptable airport noise levels, described in terms of Community Noise Equivalent Level (CNEL), for the indicated land uses. The compatibility criteria indicate whether a proposed land use is "compatible," "conditionally compatible," or "not compatible" within each zone, designated by the identified CNEL ranges.
> - "Compatible" means that the proposed land use is compatible with the CNEL level indicated in the table and may be permitted without any special requirements related to the attenuation of aircraft noise.
> - "Conditionally compatible" means that the proposed land use is compatible if the conditions described in Table IV-1 are met.
> - "Not compatible" means that the proposed land use is incompatible with aircraft noise at the indicated CNEL level.

Noise levels up to 70 dBA CNEL are considered compatible with recreational land uses.

City of Burlingame

Community Safety Element of the Burlingame General Plan. The Noise Element of the General Plan sets forth noise and land use compatibility standards to guide development, and noise goals and policies to protect residents and visitors to Burlingame from excessive noise and disruptive ground vibration. Noise levels up to 70 dBA L_{dn}/CNEL are considered normally acceptable with recreational land uses.

City of Burlingame Municipal Code. The Building Construction Section of the Municipal Code establishes allowable hours of construction in the City of Burlingame. Chapter 18.07.110 states:

"No person shall erect (including excavation and grading), demolish, alter or repair any building or structure other than between the hours of eight a.m. and seven p.m. on weekdays, and nine a.m. and six p.m. on Saturdays, except in circumstances where continuing work beyond legal hours is necessary to building or site integrity, including (but not limited to) large concrete pours, environmental considerations, state or federal requirements, or in cases where it is in the interest of public health and safety, and then only with written approval from the building official, which shall be granted for no longer than necessary to complete the portion of the project for which the exception was granted. No person shall erect (including excavation and grading), demolish, alter or repair any building or structure on Sundays or on holidays, except in the circumstances described earlier in this paragraph, and then only with written approval from the building official, which shall be granted for no longer than necessary to complete the portion of the project for which the exception was granted. For the purpose of this section, holidays are the days set forth in Section 13.04.100 of this code. The restrictions stated in this section shall not apply to work that does not require a permit under any applicable law or regulation, or to work that takes place inside a completely enclosed building and does not exceed the exterior ambient noise level per the BMC 25.58.050.

In the Bayfront Commercial (BFC), Innovative Industrial (I/I) and Rollins Road Mixed Use (RRMU) zones only, construction work may begin at seven a.m. instead of eight a.m. on weekdays. However, the use of chainsaws, jackhammers, pile-drivers or pneumatic impact wrenches shall be prohibited from seven a.m. to eight a.m., unless written approval is granted by the building official pursuant to an exception listed in the above paragraph."

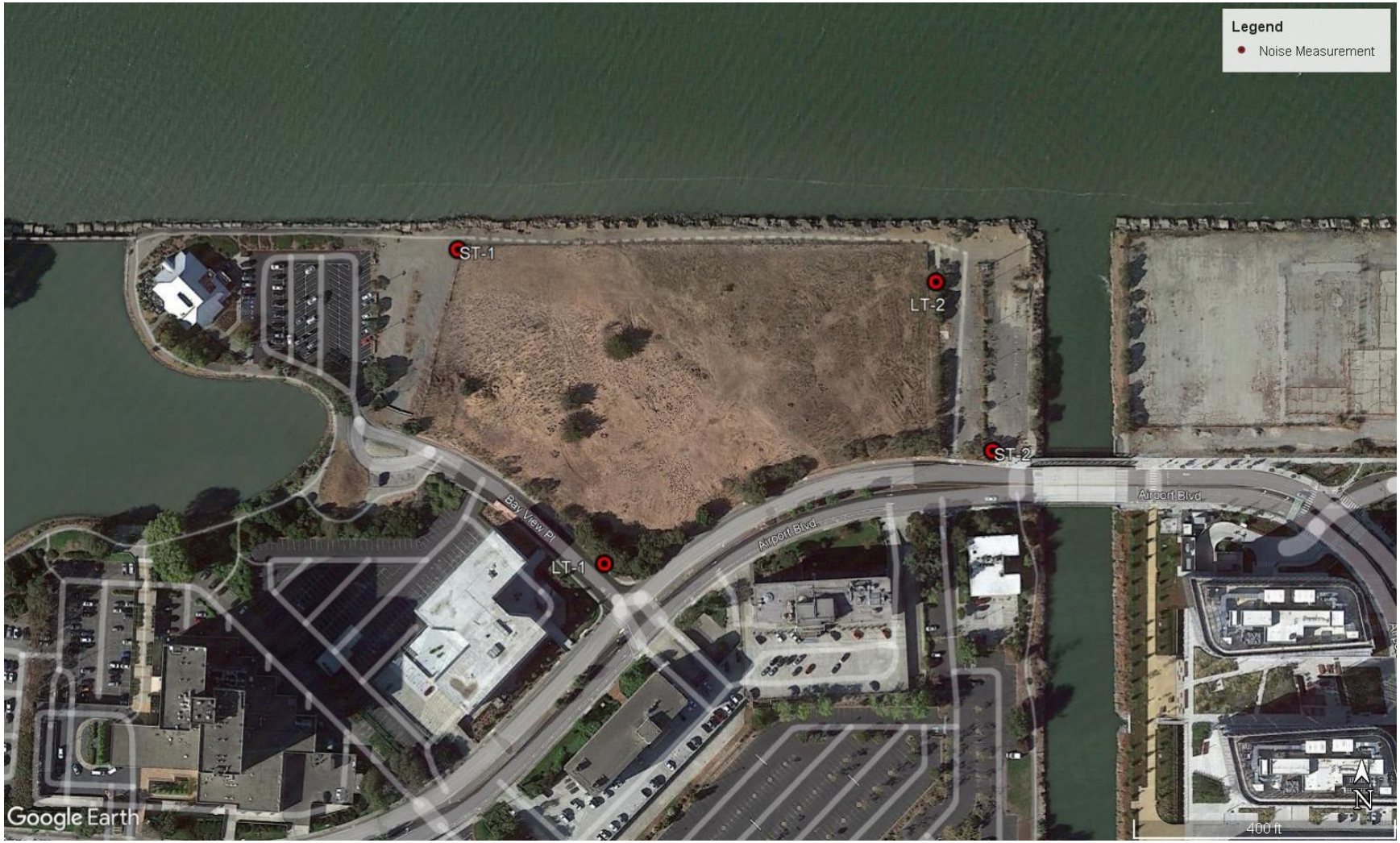
Existing Noise Environment

A noise monitoring survey was performed at the site between Friday, January 21, 2022 and Tuesday, January 25, 2022. The survey included two long-term measurements and two short-term measurements, as shown in Figure 1.

Long-term noise measurement LT-1 was made near the intersection of Airport Boulevard and Bay View Place to represent the noise environment at the proposed park nearest to Airport Boulevard, which is the primary noise source affecting the site. The selected location also represented the noise environment at nearby commercial buildings. The daily trends in noise levels at LT-1 are shown in Figures 2 to 6. During the daytime and evening periods (7:00 am -10:00 pm), hourly average noise levels typically ranged from 56 to 69 dBA L_{eq}. Based on these data, the CNEL noise levels were calculated to range from 63 to 64 dBA.

Long-term noise measurement LT-2 was made near the northeast corner of the site in order to quantify noise levels from aircraft and distant traffic. The daily trends in noise levels at LT-2 are shown in Figures 7 to 11. Daytime and evening hourly average noise levels at LT-2 typically ranged from 52 to 64 dBA L_{eq}, and the CNEL noise levels were calculated to range from 62 to 63 dBA.

FIGURE 1 Noise Measurement Locations



Source: Google Earth, 2022.

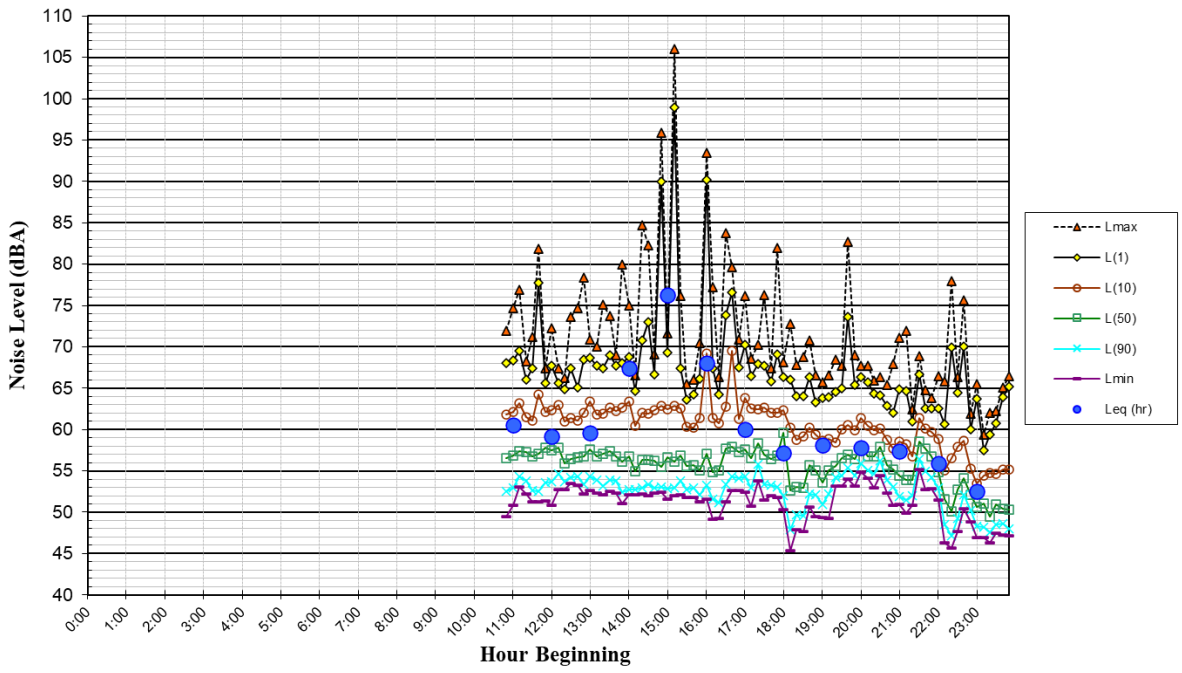
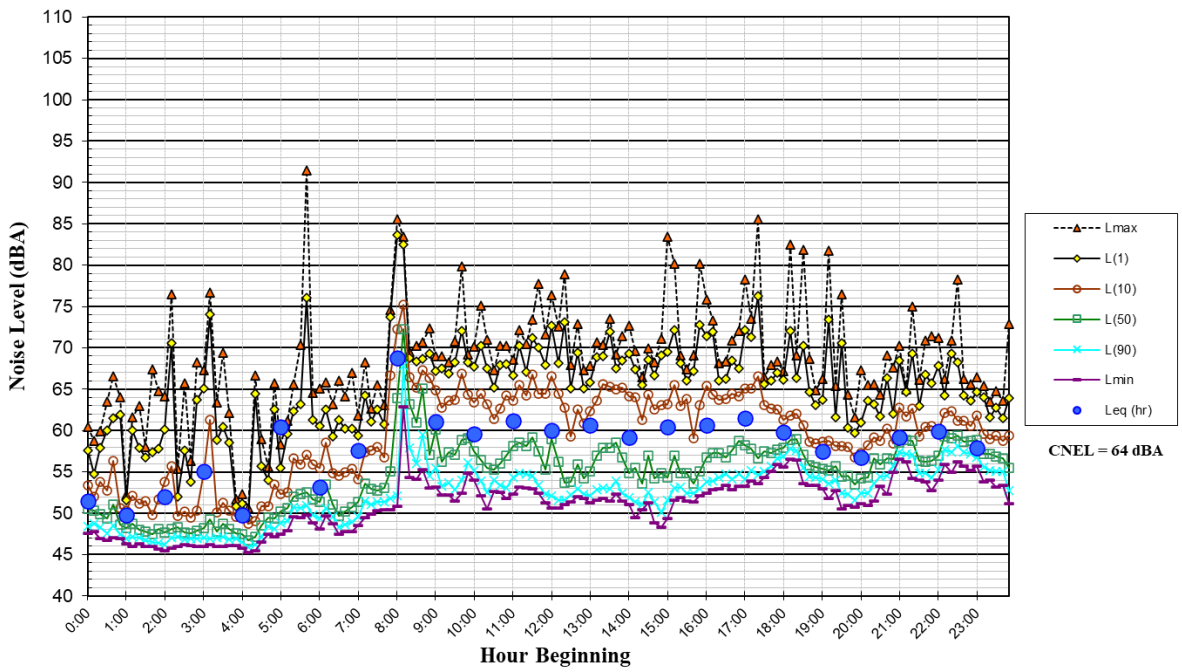


Figure 2



CNEL = 64 dBA

Figure 3

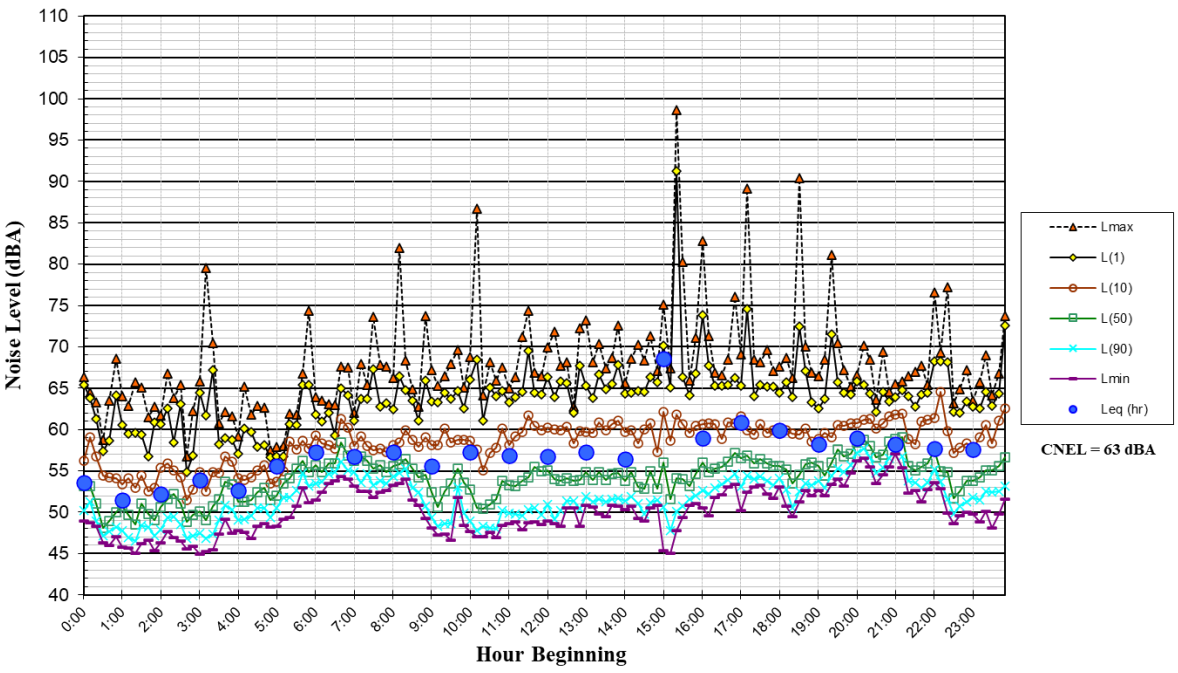


Figure 4

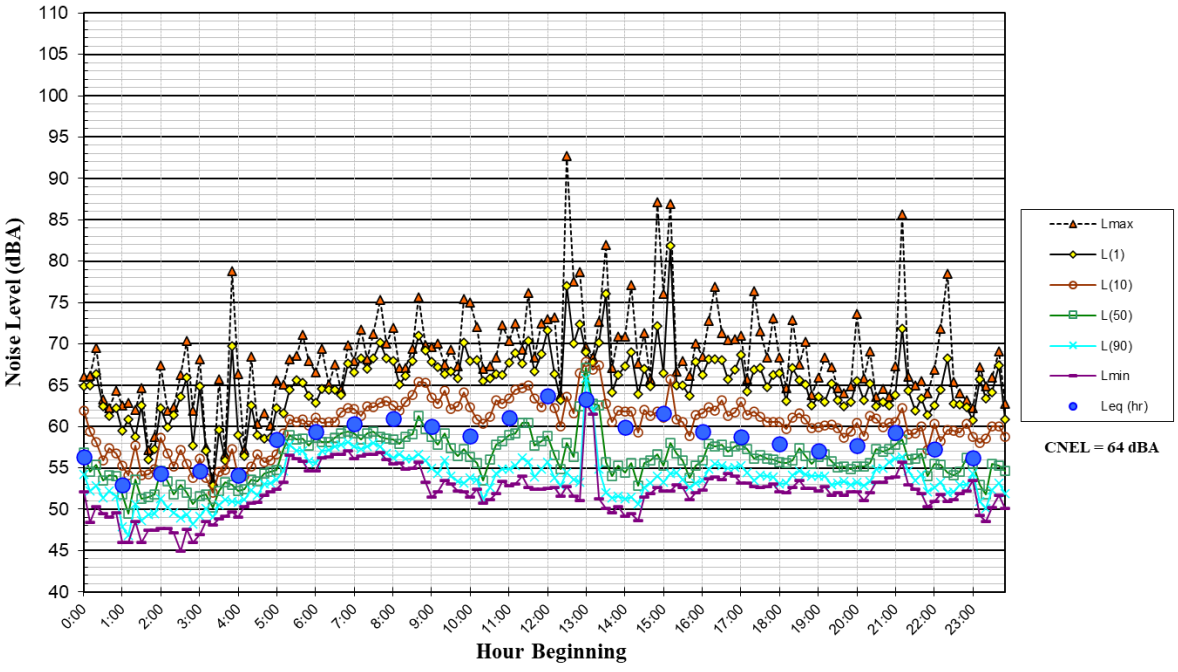


Figure 5

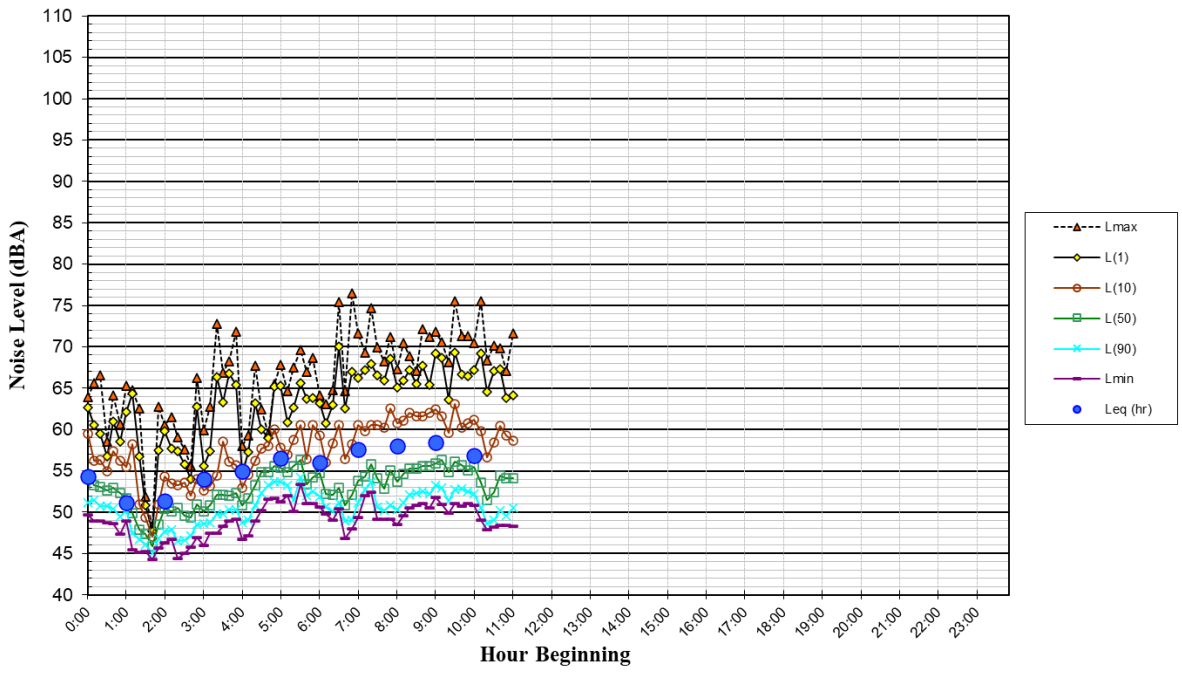


Figure 6

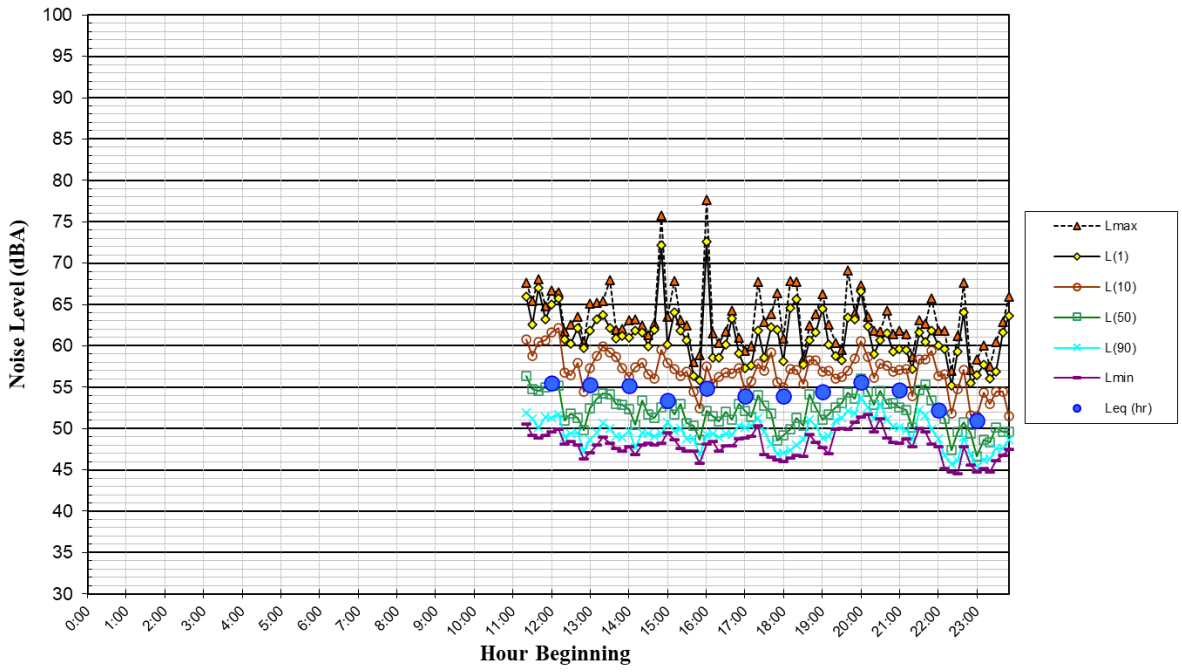


Figure 7

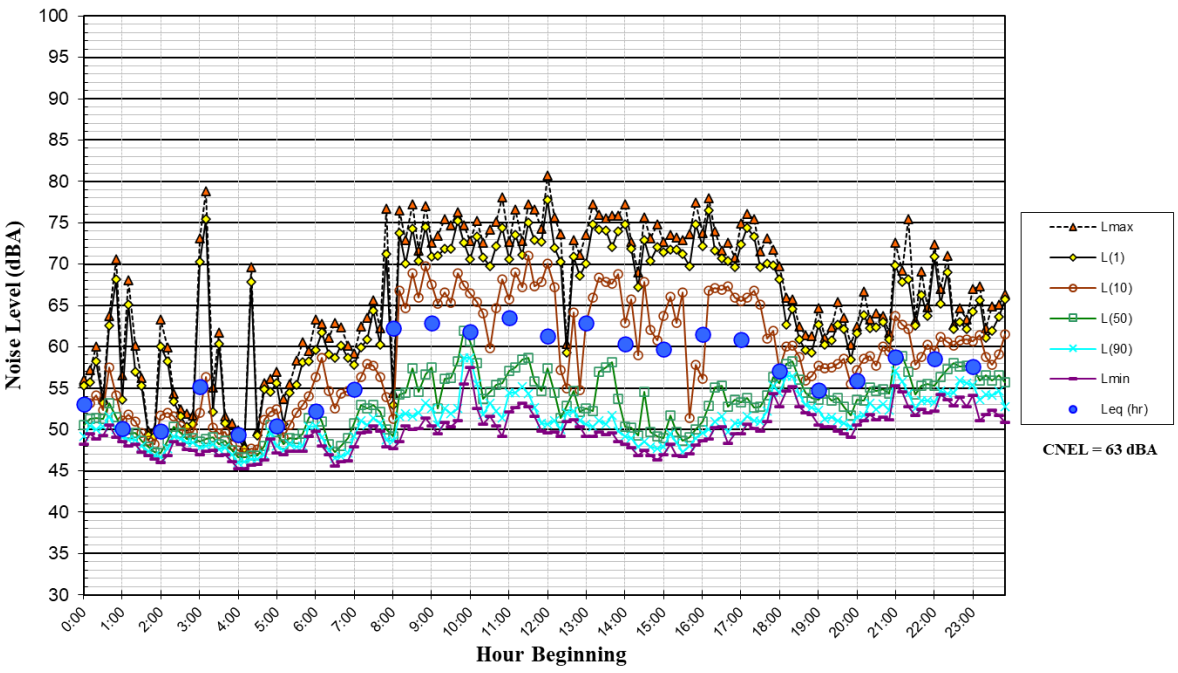


Figure 8

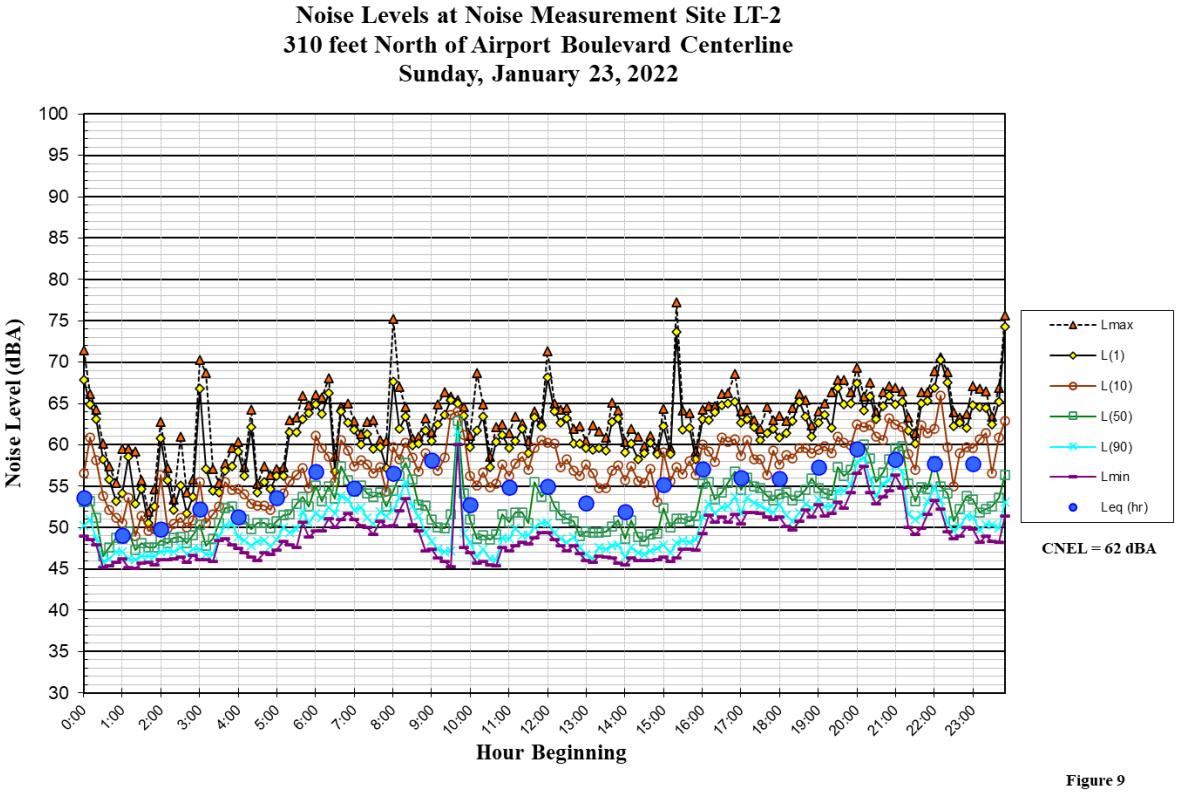


Figure 9

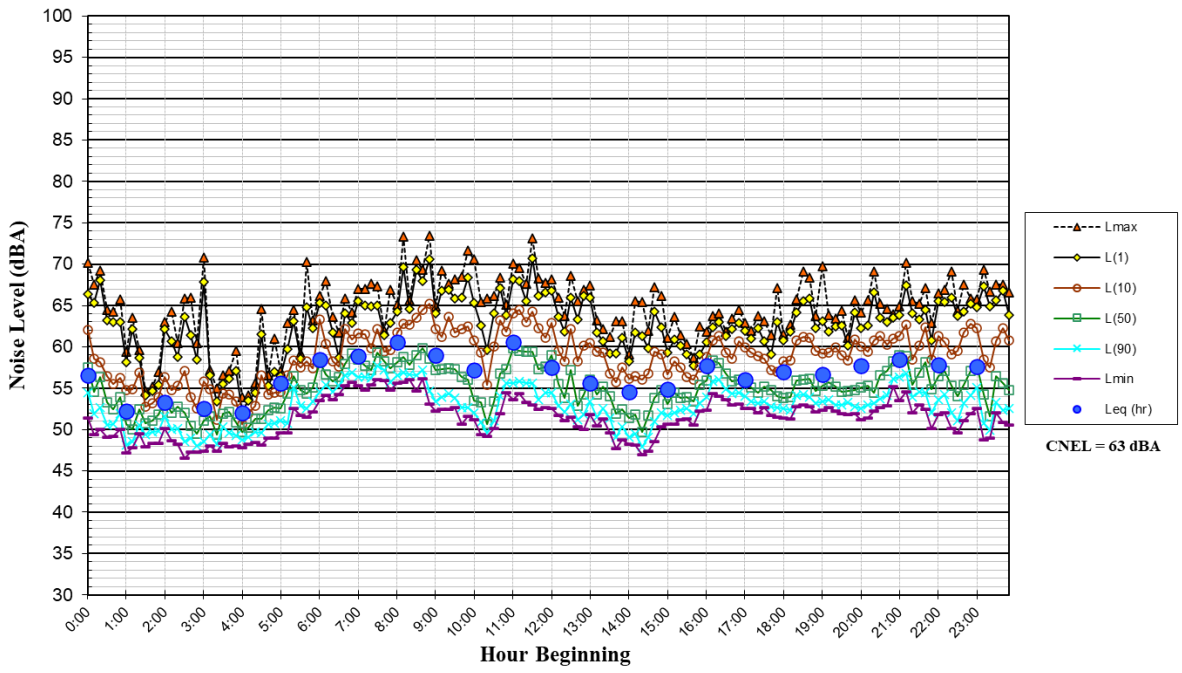


Figure 10

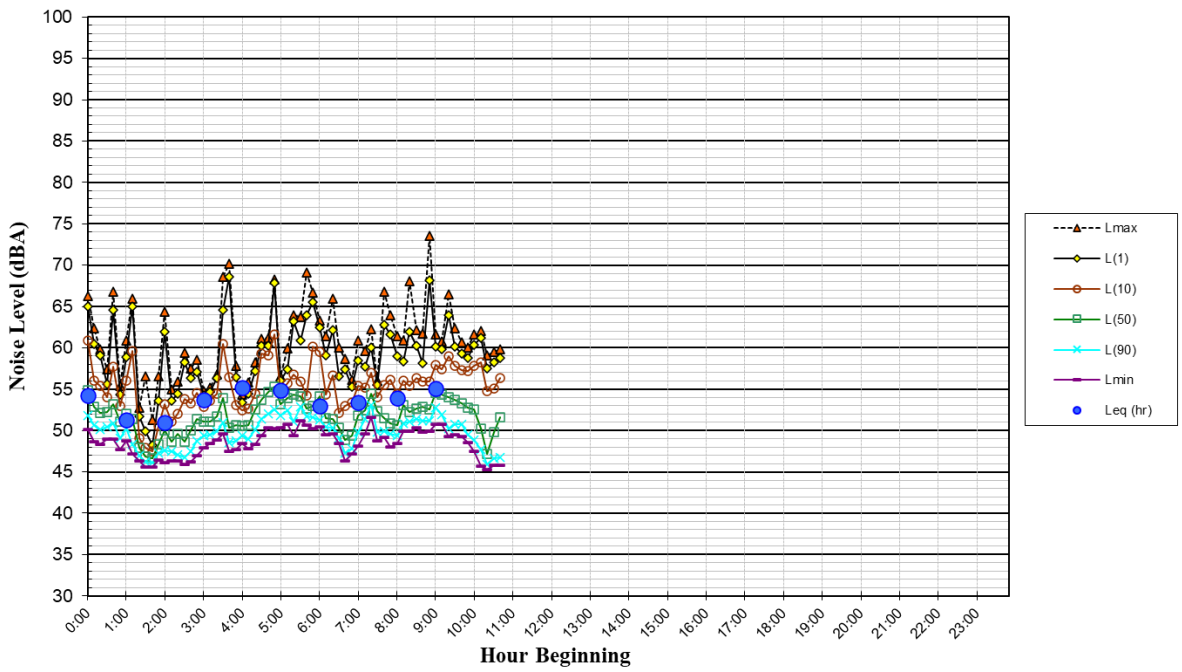


Figure 11

Table 4 summarizes the results of the long-term measurements at LT-1 and LT-2.

TABLE 4 Summary of Long-Term Noise Measurements (dBA)

Noise Measurement Location (Date)	Daytime Average Noise Levels (7:00 am to 7:00 pm)			CNEL
	Highest L_{eq}	Lowest L_{eq}	12-hour L_{eq}	
LT-1: 95 feet northwest of the Airport Boulevard centerline. (Friday, January 21, 2022)	76	57	--	--
LT-1: 95 feet northwest of the Airport Boulevard centerline. (Saturday, January 22, 2022)	69	58	62	64
LT-1: 95 feet northwest of the Airport Boulevard centerline. (Sunday, January 23, 2022)	69	56	61	63
LT-1: 95 feet northwest of the Airport Boulevard centerline. (Monday, January 24, 2022)	64	58	61	64
LT-1: 95 feet northwest of the Airport Boulevard centerline (Tuesday, January 25, 2022)	58	57	--	--
LT-2: 310 feet north of the Airport Boulevard centerline. (Friday, January 21, 2022)	56	53	--	--
LT-2: 310 feet north of the Airport Boulevard centerline. (Saturday, January 22, 2022)	64	55	61	63
LT-2: 310 feet north of the Airport Boulevard centerline. (Sunday, January 23, 2022)	58	52	55	62
LT-2: 310 feet north of the Airport Boulevard centerline. (Monday, January 24, 2022)	61	55	58	63
LT-2: 310 feet north of the Airport Boulevard centerline. (Tuesday, January 25, 2022)	55	53	--	--

Source: Illingworth & Rodkin, Inc., 2022.

Two short-term noise measurements were made to complete the survey. ST-1 was made at the northwest corner of the site to represent ambient noise levels at the project site and the restaurant located to the west. ST-2 was made along Airport Boulevard and documented noise levels primarily due to local traffic. Table 5 summarizes the results of short-term measurements at ST-1 and ST-2.

TABLE 5 Summary of Short-Term Noise Measurements (dBA)

Noise Measurement Location (Date, Time)	L_{max}	$L_{(1)}$	$L_{(10)}$	$L_{(50)}$	$L_{(90)}$	$L_{eq(10\text{-}min)}$
ST-1: Northwest corner of site. (1/25/22, 10:10 am - 10:20 am)	61	59	56	46	45	52
ST-2: Southeast corner of site. (1/25/22, 10:30 am - 10:40 am)	73	66	58	51	45	56

Source: Illingworth & Rodkin, Inc., 2022.

GENERAL PLAN CONSISTENCY ANALYSIS

The Noise Element of the General Plan sets forth noise and land use compatibility standards to guide development, and noise goals and policies to protect residents and visitors to Burlingame from excessive noise. Noise levels up to 70 dBA L_{dn}/CNEL are considered normally acceptable with recreational land uses.

Long-term noise measurements LT-1 and LT-2 quantified existing noise levels throughout the site. The results of these measurements showed that existing CNEL noise levels range from 62 to 64 dBA. The on-site noise measurement data is also consistent with aircraft noise contour data and projections for aircraft noise associated with San Francisco International Airport. Based on a review of the aircraft noise contour maps and the Burlingame General Plan EIR Transportation Noise Contours, future noise levels in the project vicinity are not anticipated to substantially increase above existing levels, nor approach 70 dBA CNEL. Therefore, future noise levels at the project site would be considered by the City of Burlingame to be compatible with the proposed recreational land uses.

NOISE IMPACTS AND MITIGATION MEASURES

This section describes the significance criteria used to evaluate project impacts under CEQA, provides a discussion of each project impact, and presents mitigation measures, where necessary, to reduce project impacts to below the applicable threshold.

Significance Criteria

The following criteria were used to evaluate the significance of environmental noise resulting from the project:

- A significant noise impact would be identified if the project would generate a substantial temporary or permanent noise level increase over ambient noise levels at existing noise-

sensitive receptors surrounding the project site and that would exceed applicable noise standards presented in the General Plan or Municipal Code, or applicable standards of other agencies, at existing noise-sensitive receptors in the site vicinity.

- A significant temporary noise impact would occur if construction noise levels would exceed 100 dBA L_{eq} at commercial land uses near the site.

- A significant permanent noise level increase would occur if: a) the permanent noise level increase is 5 dBA CNEL or greater, with a future noise level of less than the "normally acceptable" standard, or b) the permanent noise level increase is 3 dBA CNEL or greater, with a future noise level equal to or greater than the "normally acceptable" standard.

- A significant operational noise impact would be identified if the project would expose persons to or generate noise levels that would exceed applicable noise standards presented in the General Plan or Municipal Code.

- A significant impact related to vibration would be identified if the construction of the project would generate excessive vibration levels surrounding receptors. Groundborne vibration levels exceeding 0.5 in/sec PPV would have the potential to result in cosmetic damage to conventional buildings.

- A significant noise impact would be identified if the project would expose people residing or working in the project area to excessive aircraft noise levels. Aircraft noise levels exceeding 65 dBA CNEL would be considered excessive.

Impact 1a: **Temporary Construction Noise.** Nearby land uses would be exposed to a temporary increase in ambient noise levels due to project construction activities that would not be considered substantial.

Noise impacts resulting from construction depend upon the noise generated by various pieces of construction equipment, the timing and duration of noise-generating activities, and the distance between construction noise sources and noise-sensitive areas. Construction noise impacts primarily result when construction activities occur during noise-sensitive times of the day (e.g., early morning, evening, or nighttime hours), the construction occurs in areas immediately adjoining noise-sensitive land uses, or when construction lasts over extended periods of time.

The City's Municipal Code typically allows construction to occur in the Bayfront Commercial (BFC) zone between the hours of seven a.m. and seven p.m. on weekdays, and nine a.m. and six p.m. on Saturdays. However, the City of Burlingame does not establish noise level thresholds for construction activities. As an alternative, this analysis uses the noise limits established by the Federal Transit Administration (FTA) to identify the potential for impacts due to substantial temporary construction noise. The FTA identifies construction noise limits in the *Transit Noise and Vibration Impact Assessment Manual*.[4] During daytime hours, an exterior threshold of 100

[4] Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, FTA Report No. 0123, September 2018.

dBA L_{eq} shall be enforced at commercial and industrial land uses. Therefore, the temporary construction noise impact would be considered significant if project construction activities produced noise levels 100 dBA L_{eq} at commercial land uses west and south of the site. Construction is not proposed at night.

Construction activities generate considerable amounts of noise, especially during earth-moving activities when heavy equipment is used. The typical range of maximum instantaneous noise levels for the proposed project would be 70 to 90 dBA L_{max} at a distance of 50 feet (see Table 6). Table 6 shows typical hourly average construction-generated noise levels measured at a distance of 50 feet from the center of the site during busy construction periods (e.g., earth moving equipment, impact tools, etc.). As shown in Table 7, construction for typical recreational projects generate noise levels ranging from 77 to 89 dBA L_{eq} at a distance of 50 feet from the center of the active site. Construction-generated noise levels drop off at a rate of about 6 dBA per doubling of the distance between the source and receptor. Shielding by buildings or terrain often results in lower construction noise levels at distant receptors; however, for purposes of assessing a worst-case scenario, construction noise levels in this report are estimated assuming no attenuation due to intervening buildings or structures.

Construction activities for the proposed project would be completed in four phases. Phase 0, which consists of the stockpiling of soil, is expected to start in January 2025 and end by March 2025. Phase 1 of project construction is expected to start in March 2025, followed by Phase 2 starting in February 2026, and Phase 3 starting in June 2027. Construction would be completed by June 2028. During each phase of construction, there would be a different mix of equipment operating, and noise levels would vary by phase and vary within phases, based on the amount of equipment in operation and the location at which the equipment is operating. Equipment expected to be used in each construction phase are summarized in Tables 8 (Phases 0 and 1), 9 (Phase 2), and 10 (Phase 3), along with the quantity of each type of equipment, the reference noise level at 50 feet assuming the operation of the two loudest pieces of construction equipment, and the estimated noise levels at the nearest commercial buildings projected from the center of the construction activity by phase.

The Federal Highway Administration's (FHWA's) Roadway Construction Noise Model (RCNM) was used to calculate the hourly average noise levels anticipated for the worst-case scenario for each construction phase based on the equipment list provided by the applicant at the time of this study. RCNM includes representative sound levels for the most common types of construction equipment and the approximate usage factors of such equipment that were developed based on an extensive database of information gathered during the construction of the Central Artery/Tunnel Project in Boston, Massachusetts (CA/T Project or "Big Dig"). The usage factors represent the percentage of time that the equipment would be operating at full power. The predicted construction noise levels in Tables 8, 9 and 10 indicate that project construction would not generate noise levels exceeding 100 dBA L_{eq} at the nearby commercial uses.

TABLE 6 Construction Equipment 50-foot Noise Emission Limits

Equipment Category	L_{max} Level (dBA)1,2	Impact/Continuous
Arc Welder	73	Continuous
Auger Drill Rig	85	Continuous
Backhoe	80	Continuous
Bar Bender	80	Continuous
Boring Jack Power Unit	80	Continuous
Chain Saw	85	Continuous
Compressor[3]	70	Continuous
Compressor (other)	80	Continuous
Concrete Mixer	85	Continuous
Concrete Pump	82	Continuous
Concrete Saw	90	Continuous
Concrete Vibrator	80	Continuous
Crane	85	Continuous
Dozer	85	Continuous
Excavator	85	Continuous
Front End Loader	80	Continuous
Generator	82	Continuous
Generator (25 KVA or less)	70	Continuous
Gradall	85	Continuous
Grader	85	Continuous
Grinder Saw	85	Continuous
Horizontal Boring Hydro Jack	80	Continuous
Hydra Break Ram	90	Impact
Impact Pile Driver	105	Impact
Insitu Soil Sampling Rig	84	Continuous
Jackhammer	85	Impact
Mounted Impact Hammer (hoe ram)	90	Impact
Paver	85	Continuous
Pneumatic Tools	85	Continuous
Pumps	77	Continuous
Rock Drill	85	Continuous
Scraper	85	Continuous
Slurry Trenching Machine	82	Continuous
Soil Mix Drill Rig	80	Continuous
Street Sweeper	80	Continuous
Tractor	84	Continuous
Truck (dump, delivery)	84	Continuous
Vacuum Excavator Truck (vac-truck)	85	Continuous
Vibratory Compactor	80	Continuous
Vibratory Pile Driver	95	Continuous
All other equipment with engines larger than 5 HP	85	Continuous

Notes:

1 Measured at 50 feet from the construction equipment, with a "slow" (1 sec.) time constant.

2 Noise limits apply to total noise emitted from equipment and associated components operating at full power while engaged in its intended operation.

3 Portable Air Compressor rated at 75 cfm or greater and that operates at greater than 50 psi.

Source: Mitigation of Nighttime Construction Noise, Vibrations and Other Nuisances, National Cooperative Highway Research Program, 1999.

TABLE 7 Typical Ranges of Construction Noise Levels at 50 Feet, L_{eq} (dBA)

	Domestic Housing		Office Building, Hotel, Hospital, School, Public Works		Industrial Parking Garage, Religious Amusement & Recreations, Store, Service Station		Public Works Roads & Highways, Sewers, and Trenches	
	I	II	I	II	I	II	I	II
Ground Clearing	83	83	84	84	84	83	84	84
Excavation	88	75	89	79	89	71	88	78
Foundations	81	81	78	78	77	77	88	88
Erection	81	65	87	75	84	72	79	78
Finishing	88	72	89	75	89	74	84	84

I - All pertinent equipment present at site.
II - Minimum required equipment present at site.

1. Source: U.S.E.P.A., Legal Compilation on Noise, Vol. 1, p. 2-104, 1973.

TABLE 8 Phases 0 and 1 Construction Noise Levels

Phase	Construction Equipment (Quantity)	Calculated Hourly Average L_{eq} (dBA) at Nearest Commercial Buildings From Operation of Two Loudest Pieces of Construction Equipment at Acoustic Center of Phase I Activities			
		Noise Level at 50 feet	West (620 ft)	Southwest (360 ft)	Southeast (590 ft)
Phase 0– Stockpile Soil	Rubber Tired Dozer (1)* Highway/Dump Truck (10)*	79	67	72	68
Phase 1a - Demolition/Site Preparation	Concrete/Industrial Saw (1)* Tractor/Loader/Backhoe (1) Dewatering Pump (1) Pile Hydraulic Vibrodriver with Hammer Rig (1)* Gradall Forklift (1) Highway/Flatbed Truck (4) Rubber-Tired Dozer (2)	94	72	77	73
Phase 1b - Grading/Excavation	Excavator (1) Grader (2)* Rubber Tired Dozer (2)* Sheepsfoot Soil Compactor (1) Box/Straight-Bladed Earth Moving Equipment (1) Tractor/Loader/Backhoe (1) Highway/Dump Truck (10) Water Truck (1) Street Sweeper (1) Surfacing Equipment (2)	84	62	67	63
Phase 1c - Trenching/Utilities	Tractor/Loader/Backhoe (2)* Excavator (1) Trencher (1) Highway/Flatbed Truck (2)* Highway/Dump Truck (2)	81	59	64	60
Phase 1d – Specialty - Water Access Ramp	Concrete Truck (2) Pumps (1) Excavator (2) Pile Hydraulic Vibrodriver with Hammer Rig (1)* Gradall Forklift (1) Crane (1)	94	72	77	73

Phase	Construction Equipment (Quantity)	Calculated Hourly Average L_{eq} (dBA) at Nearest Commercial Buildings From Operation of Two Loudest Pieces of Construction Equipment at Acoustic Center of Phase I Activities			
		Noise Level at 50 feet	West (620 ft)	Southwest (360 ft)	Southeast (590 ft)
	Tractor/Loader/Backhoe (2) Surfacing Equipment (1) *				

*Denotes two loudest pieces of construction equipment per phase

TABLE 9 Phase 2 Construction Noise Levels

Phase	Construction Equipment (Quantity)	Calculated Hourly Average L_{eq} (dBA) at Nearest Commercial Buildings From Operation of Two Loudest Pieces of Construction Equipment at Acoustic Center of Phase II Activities			
		Noise Level at 50 feet	West Commercial (740 ft)	Southwest Commercial (340 ft)	South Commercial (260 ft)
Phase 2a - Grading/Excavation	Excavator (1) Grader (2)* Rubber Tired Dozer (2)* Sheepsfoot Soil Compactor (1) Tractor/Loader/Backhoe (3) Highway/Dump Truck (30) Water Truck (1) Dewatering Pump (1)	83	60	66	69
Phase 2b – Site - Piled Foundations	Excavator (1) Gradall Forklift (1)* Bore/Drill Rig (1) Concrete Truck (2) Pump (1)*	82	59	65	68
Phase 2c – Building - Foundation	Excavator (1) * Bore/Drill Rig (1) Concrete Truck (2) Pump (1) *	80	57	63	66
Phase 2d – Paving and Sidewalks	Paver (1) Highway/Dump Truck (1) Roller (2)* Concrete Truck (4)* Pump (1) Grader (1)	77	54	60	63
Phase 2e – Site - Electrical and Lighting	Excavator (2)* Aerial Lift (2)	80	57	63	66
Phase 2f – Site - Landscaping	Excavator (4) * Highway/Flatbed Truck (4) Water Truck (1)	80	57	63	66

*Denotes two loudest pieces of construction equipment per phase.

TABLE 10 Phase 3 Construction Noise Levels

Phase	Construction Equipment (Quantity)	Calculated Hourly Average L_{eq} (dBA) at Nearest Commercial Buildings From Operation of Two Loudest Pieces of Construction Equipment at Acoustic Center of Phase III Activities			
		Noise Level at 50 feet	West (1,050 ft)	Southwest (650 ft)	South (250 ft)
Phase 3a - Demolition	Excavator (1) Rubber-Tired Dozer (1)* Tractor/Loader/Backhoe (2)* Highway/Dump Truck (4)	82	56	60	68
Phase 3b - Paving	Excavator (1)* Paver (1) Roller (1) Skid Steer Loader (1)* Highway/Flatbed Truck (4)	80	54	58	66
Phase 3c - Building - Exterior	Crane (1)* Forklift (1) Aerial Lift (2) Generator Set (1) Tractor/Loader/Backhoe (2)* Welder (1) Highway/Flatbed Truck (2)	81	55	59	67
Phase 3d - Building - Interior / Architectural	Air Compressor (1)* Aerial Lift (2) Generator Set (1)*	79	53	57	65

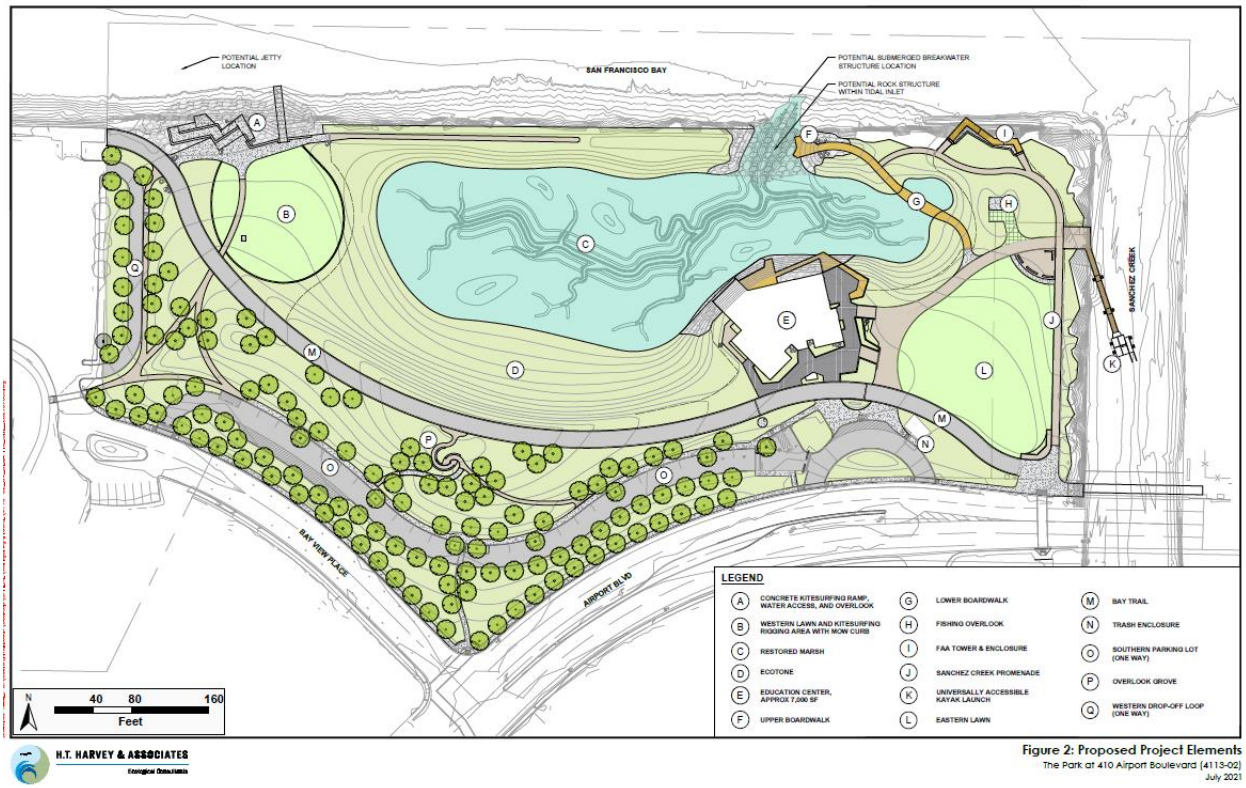
*Denotes two loudest pieces of construction equipment per phase.

Impact 1b: Permanent Noise Level Increase/Exceed Applicable Standards. The proposed project would not result in a substantial permanent noise level increase or exceed applicable standards at noise-sensitive receptors in the project vicinity.

A significant permanent noise increase would occur if the project would substantially increase noise levels at existing sensitive receptors in the project vicinity. For the purposes of this assessment, a substantial increase is defined as 3 dBA CNEL or more.

The project would improve access for the public to experience a wide variety of recreational activities including fishing, picnicking, playing lawn games, kitesurfing/windsurfing, kayaking/paddle boarding, jogging, bicycling, birdwatching, and attending educational events. Figure 12 shows the proposed project elements.

FIGURE 12 Proposed Project Elements



The vast majority of the recreational uses proposed by the project are considered to be passive uses and are not considered to be substantial generators of noise. Of the proposed uses, events would have the greatest potential for generating community noise. The eastern lawn would provide room for picnicking, lawn games, and a variety of activities and events. Events may include the following:

- Education: school group, community group, speaker series, scientific research
- Recreation: sports competition, group sports lesson, group kayak outing, nature group outing
- Performance: music, theater, movie, art

- Community: farmer's market, food truck hub, craft fair, collectible/antique fair, art/wine festival
- Private: wedding, birthday party, family reunion, faith-based event (e.g., bar mitzvah)
- Corporate/Nonprofit/Government: meeting, conference, banquet

Noise levels from indoor and outdoor events have been documented by Illingworth and Rodkin, Inc. in past projects with up to 300 people in attendance. The event/activity category most similar to proposed events at the education center would be conservatively represented by similar "winetasting/dinner with background music" events measured and observed by our firm. In all cases, indoor activities were not perceivable at the nearest residential property lines and did not affect the measured noise levels in a quiet residential area. Analysis of noise generated during indoor events is not taken further in this assessment.

Outdoor events would be expected to generate noise levels of approximately 57 dBA L_{eq} at a distance of 50 feet from the noise source assuming free-field conditions and no shielding. Worst-case noise levels at the nearest commercial building to the south (240 feet), assuming no intervening shielding, are calculated to be approximately 43 dBA L_{eq}. Noise levels produced by events would be well below ambient daytime traffic noise levels that range from 56 to 69 dBA L_{eq}. Noise produced by small outdoor events would not be measurable or detectable and would not increase CNEL noise levels in the project vicinity (0 dBA CNEL increase).

The project would result in increased vehicle traffic on roadways serving the site. According to the transportation study prepared for the project,[5] "…it is estimated that on a typical day the project would generate 94 daily trips, including one vehicle trip during the AM peak hour and 23 vehicle trips during the PM peak hour. During the occasional use of the education center, the daily trips could be as high as 352 vehicle trips assuming the regular park activities still occurred during educational center events." Existing average daily traffic volumes (ADT) along Airport Boulevard, east of Anza Boulevard are approximately 6,000 trips per day;[6] therefore, the calculated noise level increase due to the additional project traffic during worst-case conditions (i.e., during large outdoor events), would not be measurable or detectable (0 dBA CNEL increase).

Parking would occur at the southern parking lot, which would be accessed from the Airport Boulevard loop west of Sanchez Creek. Noise sources associated with the use of the parking lots would include vehicular circulation, loud engines, door slams, and human voices. The maximum noise level of a passing car at 15 mph typically ranges from 45 to 55 dBA L_{max} at a distance of 100 feet. The noise generated during an engine start is similar. Door slams cause slightly lower noise levels. The hourly average noise levels resulting from all of these noise-generating activities in a busy parking lot typically ranges from 40 to 50 dBA L_{eq} at a distance of 100 feet from the parking area. Noise levels decrease at a rate of 6 dB per doubling of distance. Noise levels resulting from parking activities would be well below ambient noise levels due to traffic along local roadways and aircraft overflights, and the proposed parking lot/parking activities would not measurably contribute to ambient noise levels in the area (0 dBA CNEL increase).

[5] Hexagon Transportation Consultants, Inc., Transportation Study for Proposed Bay Rise Park in Burlingame, California, March 6, 2024.

[6] Hexagon Transportation Consultants, Inc., SFO Technology Center – Transportation Impact Analysis, January 16, 2019.

The operational noise levels produced by the proposed park would be well below ambient noise levels produced by aircraft and local vehicle traffic along Airport Boulevard. The proposed project would not substantially increase the ambient noise environment, nor exceed the noise and land use compatibility thresholds for commercial land uses.

Impact 2: **Exposure to Excessive Groundborne Vibration.** Construction-related vibration levels would not exceed applicable vibration thresholds at nearby buildings.

The construction of the project may generate perceptible vibration when heavy equipment or impact tools are used. Vibration levels would vary depending on soil conditions, construction methods, and equipment used. Table 11 presents typical vibration levels that could be expected from construction equipment at a distance of 25 feet. Project construction activities, such as drilling, the use of jackhammers, rock drills and other high-power or vibratory tools, and rolling stock equipment (tracked vehicles, compactors, etc.), may generate substantial vibration in the immediate vicinity. Jackhammers typically generate vibration levels of 0.035 in/sec PPV, and drilling typically generates vibration levels of 0.09 in/sec PPV at a distance of 25 feet.

The City of Burlingame does not specify a construction vibration limit that should be used to regulate vibration produced by construction equipment. This analysis uses the vibration limits established by the California Department of Transportation (Caltrans) to identify the potential for substantial vibration levels. Caltrans establishes vibration limits of 0.5 in/sec PPV at new residential and modern/commercial structures, 0.3 in/sec PPV at older residential structures, and a conservative limit of 0.25 in/sec PPV at historic and some old buildings (see Table 3). The 0.5 in/sec PPV vibration limit would be applicable at the nearest commercial and office buildings located 75 to 215 feet from the project site.

Using the reference vibration levels at 25 feet, Table 11 also shows the vibration levels calculated at various distances representing nearby buildings. Note that the project may require the use of vibratory pile driving equipment to construct cofferdams from sheet piles, and the installation of the kayak launch's floating gangway and dock would require permanent piles placed with a vibratory hammer, but at no time would this activity occur within 250 feet of the nearest building.

Vibration levels are highest close to the source, and then attenuate with increasing distance at the rate $(D_{ref}/D)^{1.1}$, where D is the distance from the source in feet and D_{ref} is the reference distance of 25 feet. Construction vibration levels due to heavy construction are conservatively calculated to reach 0.063 in/sec PPV at the nearest commercial structure to the southwest, 0.046 in/sec PPV at the nearest commercial structure to the south, and 0.020 in/sec PPV at the nearest commercial structure to the west when construction is located along the project boundaries nearest to each receptor. Vibration levels due to pile driving are conservatively calculated to reach 0.058 in/sec PPV at the nearest commercial structure to the south.

As indicated in Table 11, worst-case project-generated vibration levels would be less than the 0.50 in/sec PPV threshold used to avoid "architectural" damage at all commercial structures in the project vicinity. At these locations and in other surrounding areas where vibration would not be expected to cause damage, vibration levels may still be perceptible. However, as with any type of

construction, this would be anticipated given the intermittent and short duration of the phases that have the highest potential of producing vibration.

TABLE 11 Construction Equipment Vibration Levels

Equipment		Ref PPV (25 ft)	Vibration Levels at Nearest Buildings (in/sec PPV)			
			Southwest (75 ft)	South (100 ft)	West (215 ft)	South (250 ft)
Pile Driver (Sonic)	upper range	0.734	--	--	--	0.058 [a]
	typical	0.17	--	--	--	0.014 [a]
Clam shovel drop		0.202	0.060	0.044	0.019	--
Hydromill (slurry wall)	in soil	0.008	0.002	0.002	0.001	--
	in rock	0.017	0.005	0.004	0.002	--
Vibratory Roller		0.210	0.063	0.046	0.020	--
Hoe Ram		0.089	0.027	0.019	0.008	--
Large bulldozer		0.089	0.027	0.019	0.008	--
Caisson drilling		0.089	0.027	0.019	0.008	--
Loaded trucks		0.076	0.023	0.017	0.007	--
Jackhammer		0.035	0.010	0.008	0.003	--
Small bulldozer		0.003	0.001	0.001	0.000	--

Source: Transit Noise and Vibration Impact Assessment Manual, Federal Transit Administration, Office of Planning and Environment, U.S. Department of Transportation, FTA Report No. 0123, September 2018, as modified by Illingworth & Rodkin, Inc., August 2024.

Note a: Vibratory pile driving would occur at the kayak launch no closer than 250 feet from the nearest building.

Impact 3 Exposure to Excessive Aircraft Noise. The project would be located in a compatible noise environment with respect to aircraft noise levels affecting the site.

San Francisco International Airport is a public-use airport located approximately 1.5 miles northwest of the project site. Based on the results of the noise monitoring survey (see Setting Section), aircraft-related noise is distinctly noticeable at the project site; however, the project site lies outside the 65 dBA CNEL noise contour shown in the Comprehensive Airport Land Use Compatibility Plan for the Environs of San Francisco International Airport[7] (see Figure 13) and the 65 dBA CNEL noise contour shown in the San Francisco International Airport 14 CFR Part 150 Study[8] (see Figure 14). Aircraft noise levels less than 70 dBA CNEL would be considered compatible at exterior use areas and within buildings proposed by the project.

[7] Ricondo & Associates, Comprehensive Airport Land Use Compatibility Plan for the Environs of San Francisco International Airport, November 2012.

[8] ESA, San Francisco International Airport 14 Code of Federal Regulations (CFR) Part 150 Study Update Noise Compatibility Program, July 2018.

FIGURE 13 Forecast 2015 and 2020 Noise Exposure for SFO Relative to Project Site

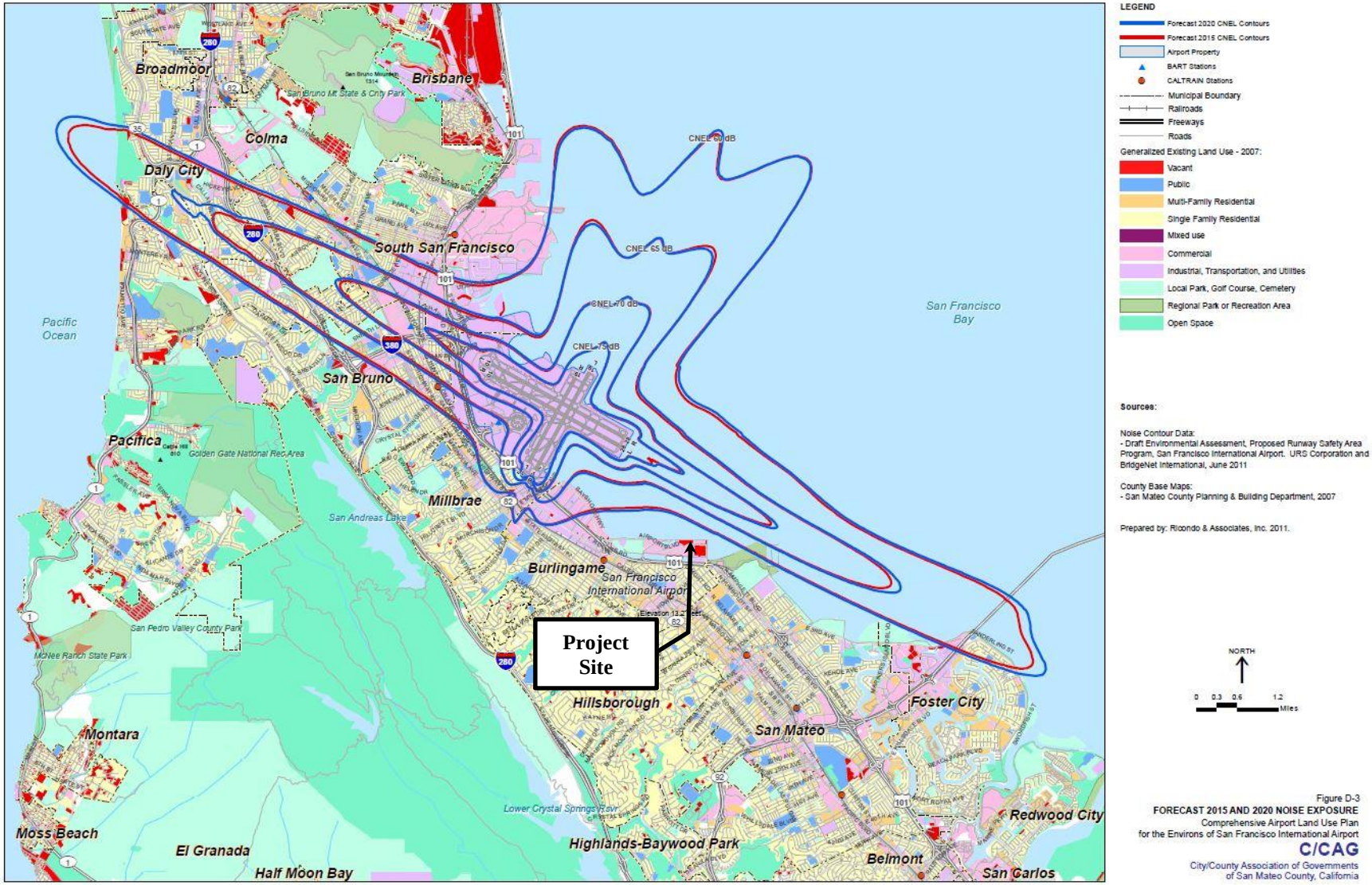
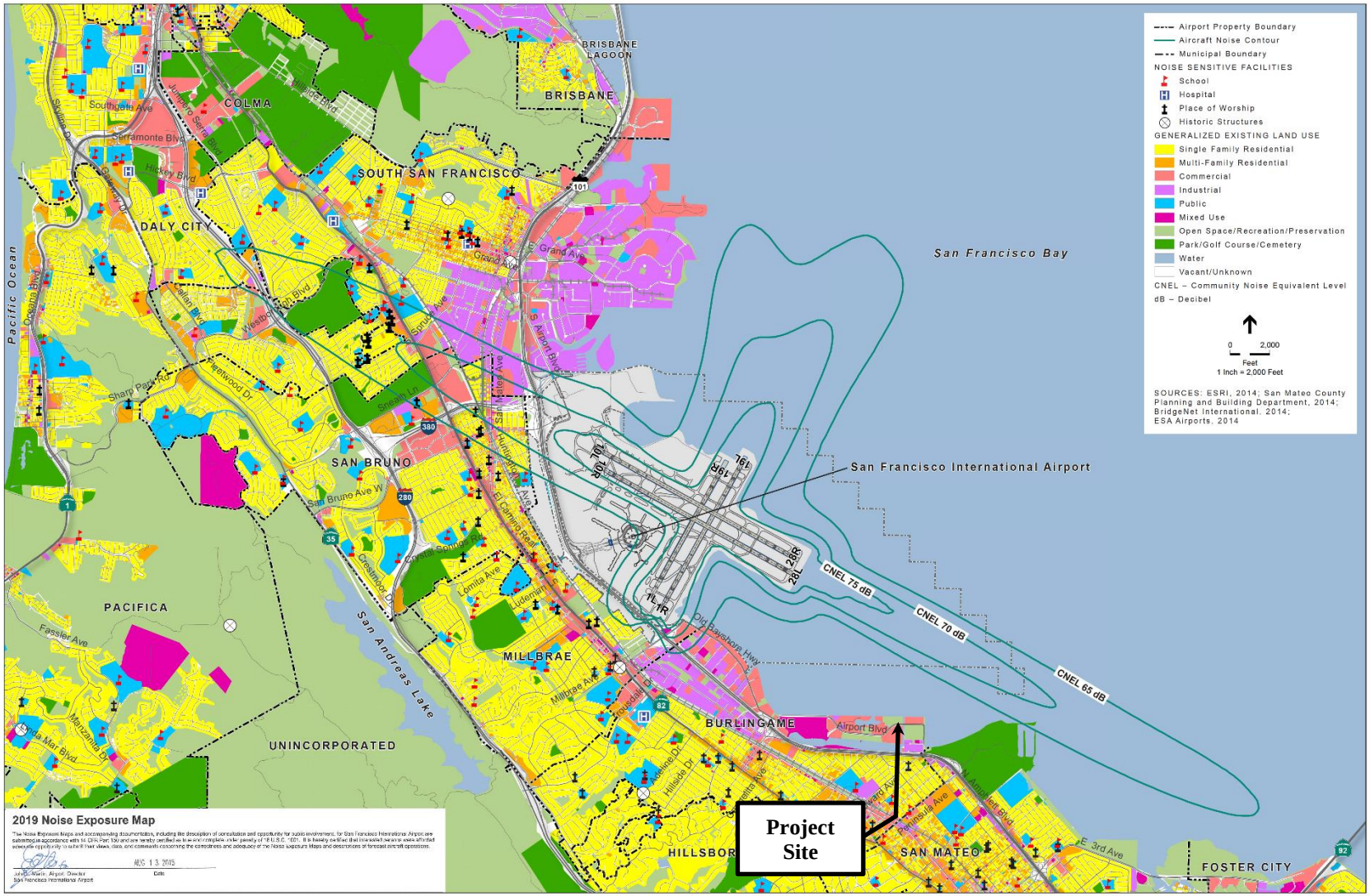


Figure D-3
FORECAST 2015 AND 2020 NOISE EXPOSURE
Comprehensive Airport Land Use Plan
for the Environs of San Francisco International Airport
C/CAG
City/County Association of Governments
of San Mateo County, California

FIGURE 14 2019 Noise Exposure for SFO Relative to Project Site



Appendix G
Transportation Study

Hexagon Transportation Consultants, Inc.

Memorandum

Date: March 6, 2024

To: Will Johnson, The SPHERE Institute

From: Gary K. Black, Nivedha Baskarapandian

Subject: Transportation Study for the Proposed Bay Rise Park in Burlingame, California

Introduction

Hexagon Transportation Consultants, Inc. has completed a transportation study for the proposed Bay Rise Park in Burlingame, California. The project site is located east of US-101 between Bay View Place and Anza Boulevard (see Figure 1). The existing site is currently vacant, and the project would develop a park that includes passive uses such as picnicking/trails, an 8,950 square-foot education/event center, and a launch point for canoeing and windsurfing (see Figure 2). A 30-stall parking lot would be provided with access from Airport Boulevard and an additional outbound-only driveway on Bay View Place.

CEQA Analysis

The City of Burlingame has not yet adopted any analysis methodology or significance thresholds related to VMT. Thus, the VMT thresholds used for this project are based on the Governor's Office of Planning and Research (OPR)'s recommendations and San Mateo County VMT policy guidelines.

San Mateo County VMT policy guidelines specify procedures for determining project impacts on VMT based on the project description, characteristics, and location. The VMT methodology also includes screening criteria that are used to identify types, characteristics, and locations of projects that would not exceed the VMT thresholds of significance. If a project or a component of a mixed-use project meets the screening criteria, it is then presumed that the project or the component would result in a less-than-significant VMT impact.

Screening for VMT Analysis

Land use projects that meet at least one of the following screening criteria are presumed to have a less than significant impact on VMT:

(1) located in a transit priority area (TPA): within ½ mile of a high-quality transit stop / rail station
(2) affordable housing
(3) small projects generating 110 or fewer daily vehicle trips
(4) existing low VMT area
(5) local serving retail (<50,000 s.f.)

The proposed park would be a local serving facility and would generate fewer than 110 daily vehicle trips and therefore is expected to have a less than significant VMT impact.

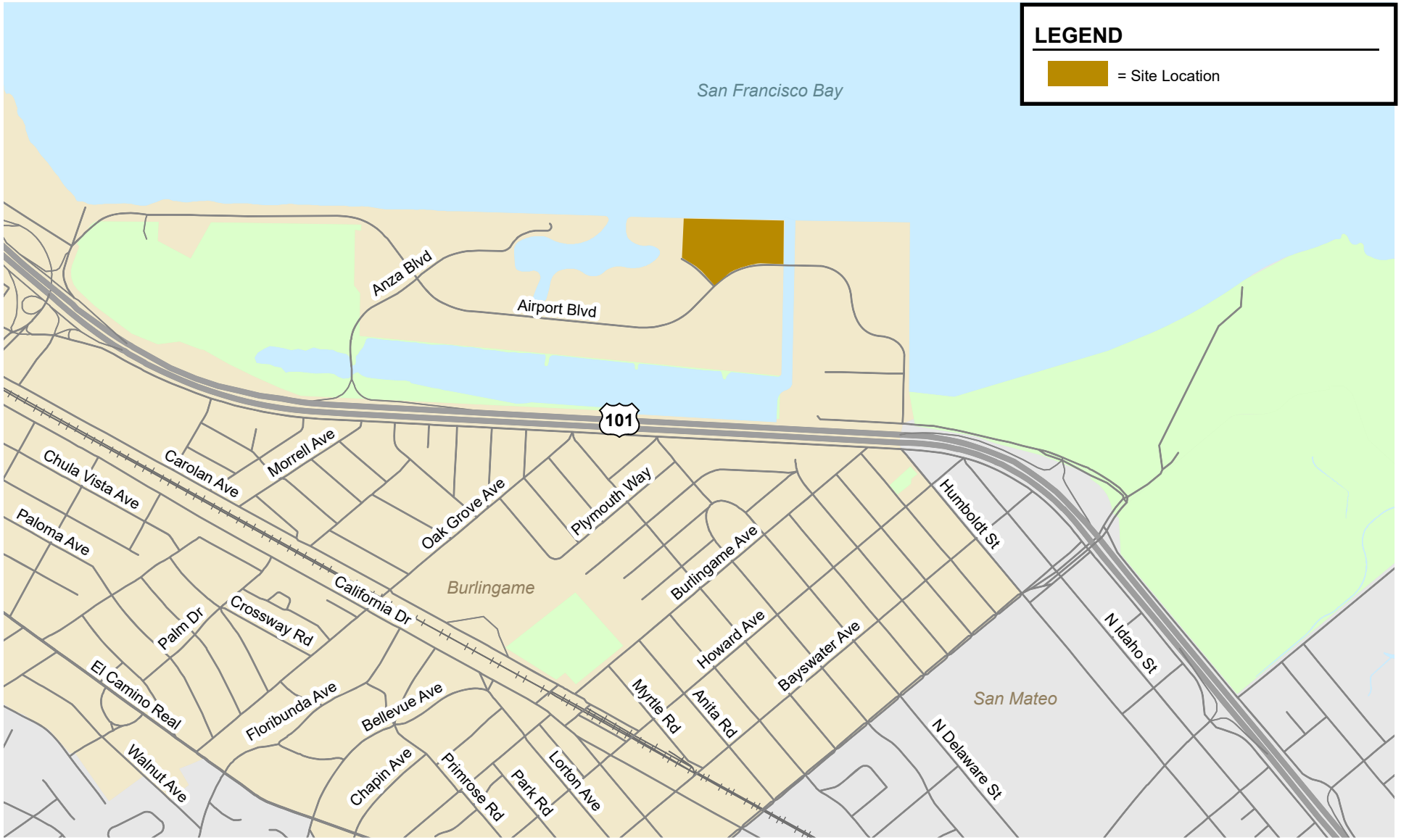


Figure 1
Site Location

NORTH
Not to Scale

Figure 2
Project Site Plan

NORTH
Not to Scale

Non-CEQA Analysis

The site access, parking, circulation evaluation, and bicycle, pedestrian, and transit facilities are discussed below.

Through empirical research, data have been collected that show trip generation rates for many types of land uses. The data are published in the Institute of Transportation Engineers' (ITE) Trip Generation online database. The magnitude of traffic added to the roadway system by a development is estimated by multiplying the applicable trip generation rates by the size of the development. The trip generation rates published for "Public Park" (Land Use Code 411) and "Recreational Community Center" (Land Use Code 495) were applied to the 9.4 acres of proposed park and educational center, respectively. Public Park land uses can include a number of facilities including boating, swimming, beaches, hiking trails, ball fields, soccer fields, campsites, and picnic facilities. Recreational Community Center land use is a public facility that can include classes and clubs, day care or nursery school, meeting rooms, social facilities, outdoor athletic fields/courts, exercise classes, and a restaurant/snack bar. This was used to estimate the educational center trips as the center would be used for social activities and classes/programs.

After applying the applicable trip rates, it is estimated that on a typical day the project would generate 94 daily trips, including one vehicle trip during the AM peak hour and 23 vehicle trips during the PM peak hour. During the occasional use of the education center, the daily trips could be as high as 352 vehicle trips assuming the regular park activities still occurred during educational center events.

Table 1
Trip Generation Summary

Land Use	Size	Units	Daily Trips	AM Peak-Hour Trips In	AM Peak-Hour Trips Out	AM Peak-Hour Trips Total	PM Peak-Hour Trips In	PM Peak-Hour Trips Out	PM Peak-Hour Trips Total
Proposed									
Park [1]	9.4	acres	94	1	0	1	13	10	23
Educational Center [2]	8,950.0	s.f.	258	12	6	18	18	14	32
Total Project Trips			***352***	***13***	***6***	***19***	***31***	***24***	***55***

Notes:
[1] Park trip generation is based on the rates and fitted curve equations published in the ITE Trip Generation online database for Public Park (Land Use Code 411).
[2] Educational center trip generation is based on the PM peak-hour rate published in the ITE Trip Generation online database for Recreational Community Center (Land Use Code 495).

Airport Boulevard Forecast Volumes

Existing volumes on Airport Boulevard between the channel and just west of Bay View Place were counted on Saturday, February 10, 2024 and Tuesday, February 13, 2024. Project trips were added to the existing volumes and were projected to 2040. Year 2040 volumes were taken from the City/County Association of Governments (C/CAG) travel demand model based on the existing volumes. The counts are attached as Attachment 1 and summarized below.

Table 2
Airport Boulevard Volumes

Location [1]	Existing		Existing + Project [2]		Year 2040 [3]		Year 2040 + Project [2]	
	Weekday	Weekend	Weekday	Weekend	Weekday	Weekend	Weekday	Weekend
West of Channel	4,648	2,669	5,000	3,021	7,512	4,314	7,864	4,666
West of Bay View Place	4,740	2,717	5,092	3,069	7,604	4,359	7,956	4,711

Notes:
[1] Existing volumes were collected Saturday, February 10, 2024 and Tuesday, February 13, 2024 on Airport Boulevard at two locations.
[2] Project volumes assume an event at the educational center regualar park facilities.
[3] Existing weekday volumes were projected to year 2040 per the C/CAG model. Year 2040 weekend volumes were estimated based on existing volumes.

Site Access and Circulation

The site access and on-site circulation evaluation is based on the site plan dated February 2024 (see Figure 2). Site access was evaluated to determine the adequacy of the site's driveways with regard to the following: traffic volume, vehicle queues, geometric design, and stopping sight distance. On-site vehicular circulation and parking layout were reviewed in accordance with generally accepted traffic engineering standards and transportation planning principles.

Site Access and Project Driveway Operations

The site plan shows that vehicular access to the project would be provided by a new driveway located on Airport Boulevard. The estimated gross site vehicle trips are 19 vehicle trips (13 inbound and six outbound)during the AM peak hour and 55 vehicle trips (31 inbound and 24 outbound) during the PM peak hour when there would be events at the educational center. This equates to approximately one vehicle entering or exiting every two to three minutes during the AM and PM peak hour. According to the Burlingame Municipal Code Section 25.40.070(C)(2), the minimum driveway width for parking areas with 1 to 30 vehicle spaces should be a minimum of 12 feet and according to Table 25.40-2, parking stalls between 30 and 60 degrees should have an aisle width of 13 feet for one way traffic. As shown on the site plan, the project driveways on Airport Boulevard and Bay View Place would be 24 and 20 feet wide respectively and the parking aisle would have a width of 14 feet. Both project driveways and parking aisle show adequate widths and meet the requirements. The circular driveway at the entrance would serve as a loading and unloading area for park visitors. The project proposes to stripe a left turn pocket on Airport Boulevard to facilitate left turns into the park. Due to the relatively low number of project-generated trips at the driveways, operational issues related to vehicle queuing and/or vehicle delay are not expected to occur.

Sight Distance

Sight distance was checked for the project driveways. Sight distance recommendations vary depending on the roadway speeds. The posted speed limit on Airport Boulevard is 35 mph. There is no posted speed limit on Bay View Place. The Caltrans recommended stopping sight distance for the project driveways is 250 feet (based on a design speed of 35 mph). The project driveways have sight distances of over 300 feet in both directions, which meets the requirement.

Proposed Parking and On-Site Circulation

The project proposes 30 diagonal parking spaces along the road through the site. Two of the parking spaces would be reserved for buses. The bus turning movements are shown in Figure 3.

The surface parking lot and project site services show acceptable connectivity and maneuvering. Hexagon previously prepared a parking study that goes into detail about parking based on the anticipated park and facility usages. The parking study is provided as Attachment 2.

Loading and Emergency Vehicle Access

It is assumed that the circular driveway on Airport Boulevard would serve as a loading area for delivery vehicles, garbage trucks, and emergency vehicles. A trash enclosure is located near the outbound driveway on Airport Boulevard which would serve as the loading area for garbage trucks. Figure 4 shows the turning movements for an emergency vehicle. The project site plan shows acceptable maneuvering space for loading and emergency vehicles.

Bicycle Parking

According to the Burlingame Municipal Code Section 25.40.050(A), bicycle parking shall be provided in accordance with the requirements of the *CalGreen Building Standards Code*. The Cal Green Building Standards states that if the new project is anticipated to generate visitor traffic, the project must provide permanently anchored bicycle racks within 200 feet of the entrance for 5 percent of parking spaces with a minimum of one two-bike capacity rack. The project proposes 28 passenger car parking spaces and would therefore be required to provide two bicycle parking spaces. The project site plan shows four bicycle parking spaces at the lower left corner of the educational center, which meets the requirements.

Pedestrian Access and Circulation

Pedestrian facilities in the immediate vicinity of the project site include continuous sidewalks on both sides of Airport Boulevard and Bay View Place. There are marked crosswalks across Airport Boulevard on the west leg of the intersection of Bay View Place and Airport Boulevard and a midblock crosswalk across Airport Boulevard to the right of the channel. The project proposes a new midblock crosswalk across Airport Boulevard to the left of the channel. This crosswalk would connect with the Bay Trail and other trails on the project site.

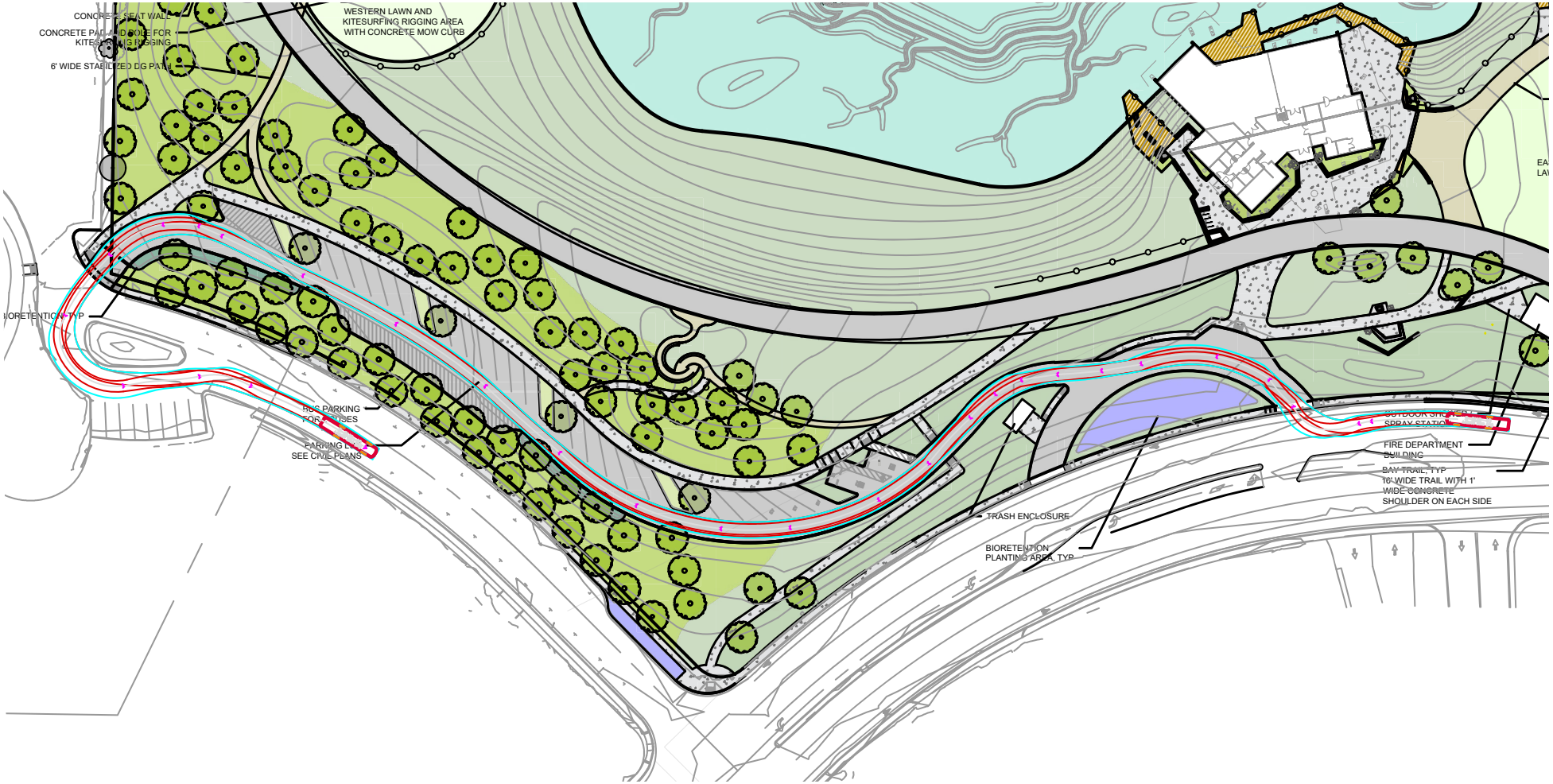


Figure 3
Bus Site Circulation

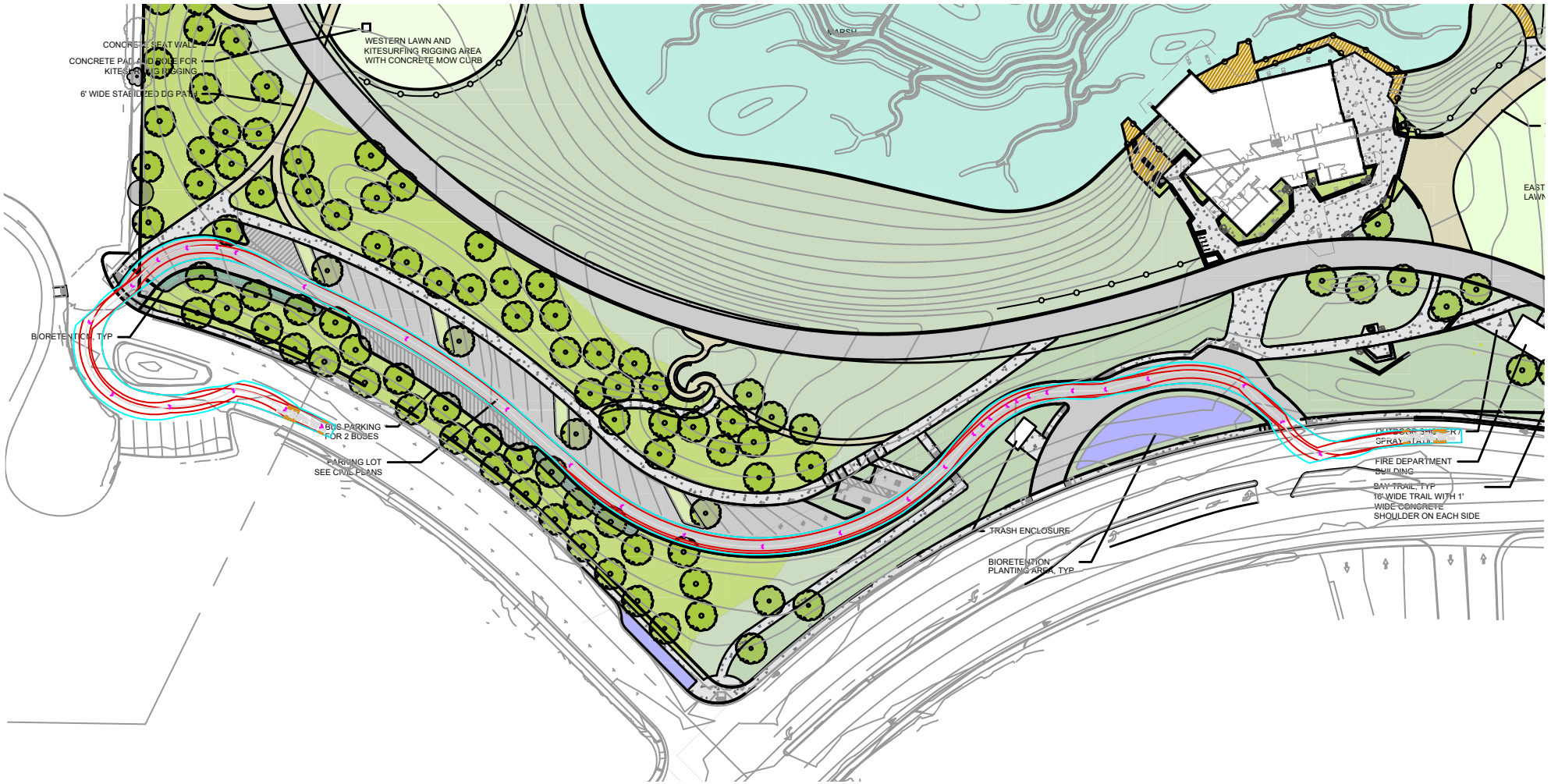


Figure 4
Firetruck Site Circulation

NORTH
Not to Scale

Bicycle Access and Circulation

Existing bike facilities in the vicinity of the project site include Class I bike paths parallel to Anza Boulevard, Bayside Crossing, and along the waterfronts, Class II bike lanes on Airport Boulevard, and a Class III bike route on Airport Boulevard at the Burlingame Dog Exercise Park. Proposed bike facilities include a Class I bike path at the upper right corner of the island, Class II buffered bike lanes on Old Bayshore Highway, a Class III bike route through Bayside Park, and Class IV separated bikeway along Airport Boulevard. The existing and proposed bike facilities are shown in Figure 5.

The project would provide short-term bicycle parking spaces on-site. The short-term bicycle racks would be located at the lower left corner of the educational center, and each could accommodate four bikes. All bicycle parking spaces would be accessible from the project driveway and trails.

Transit Services in the Project Vicinity

Transit service in the vicinity of the project site is provided by Commute.org's Burlingame Point Shuttle (BPT). The BPT shuttle provides service between the Millbrae BART/Caltrain station and Meta Reality Labs at Burlingame Point, with stops along Airport Boulevard. Service is available Monday through Friday during the AM and PM commute hours and is free to the public. Access to and from the bus stop from the project site is provided by sidewalks on Airport Boulevard and Bay View Place.

Conclusions

The purpose of this transportation study is to satisfy the CEQA and non-CEQA requirements for new development projects. The results of the study are summarized below.

- The proposed project would meet the screening criteria for a local serving facility and small project; therefore, the proposed project is expected to have a less than significant VMT impact.
- The proposed project is estimated to generate 94 daily trips on typical days and up to 352 daily vehicle trips with events at the educational center.
- The site plan layout shows adequate access, circulation, and parking for loading, emergency, and visitors.

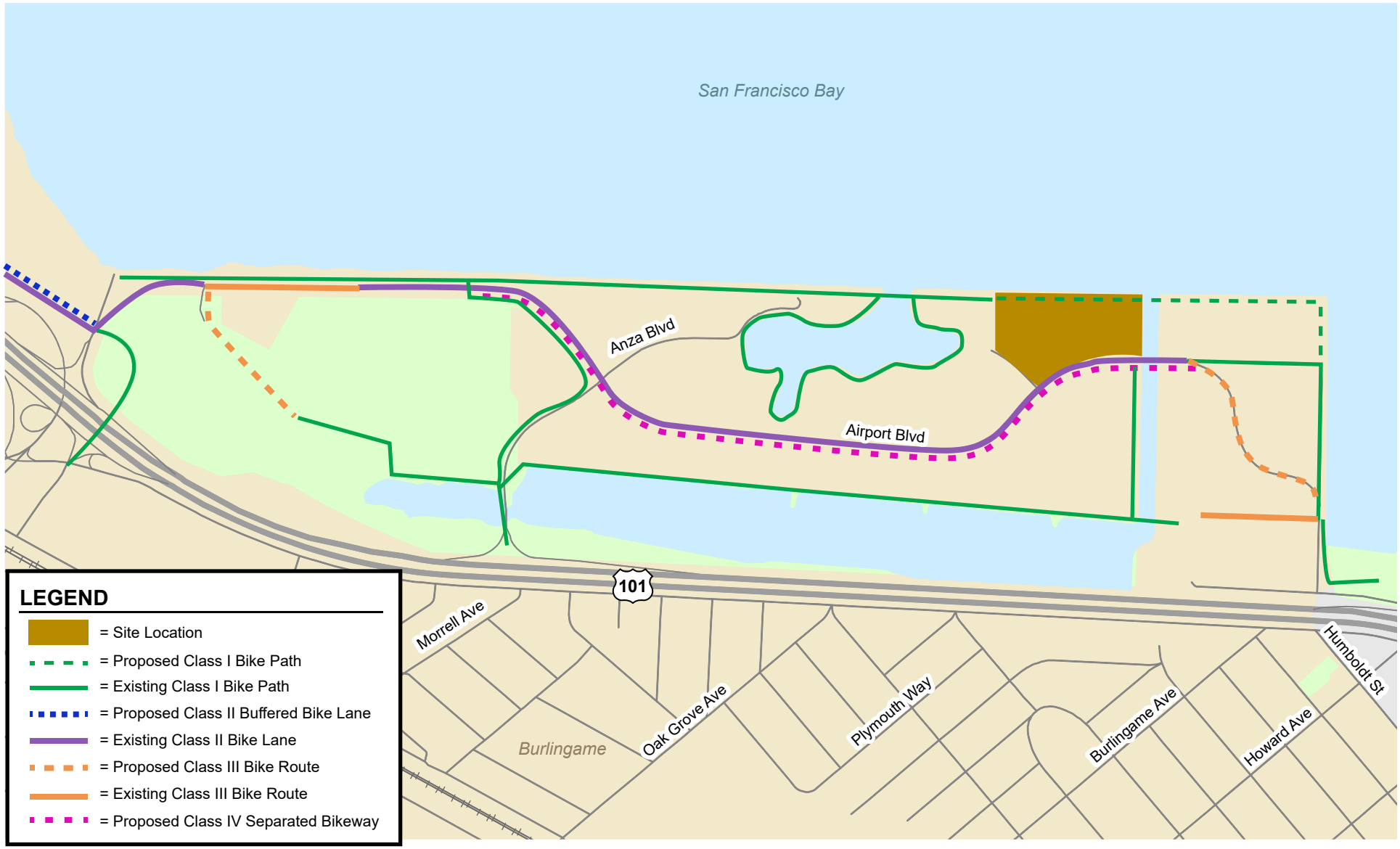


Figure 5
Existing and Proposed Bicycle Facilities

Attachment 1
Counts

Location: 1 - Airport Blvd, W/O Bridge
Date Range: 2/10/2024 - 2/16/2024
Site Code:

Time	Saturday 2/10/2024			Sunday 2/11/2024			Monday 2/12/2024			Tuesday 2/13/2024			Wednesday 2/14/2024			Thursday 2/15/2024			Friday 2/16/2024			Mid-Week Average		
	EB	WB	Total	EB	WB	Total	EB	WB	Total	EB	WB	Total	EB	WB	Total	EB	WB	Total	EB	WB	Total	EB	WB	Total
12:00 AM	11	15	26	-	-	-	-	-	-	6	12	18	-	-	-	-	-	-	-	-	-	6	12	18
1:00 AM	4	8	12	-	-	-	-	-	-	0	2	2	-	-	-	-	-	-	-	-	-	0	2	2
2:00 AM	7	3	10	-	-	-	-	-	-	3	4	7	-	-	-	-	-	-	-	-	-	3	4	7
3:00 AM	0	1	1	-	-	-	-	-	-	3	3	6	-	-	-	-	-	-	-	-	-	3	3	6
4:00 AM	6	8	14	-	-	-	-	-	-	11	13	24	-	-	-	-	-	-	-	-	-	11	13	24
5:00 AM	14	17	31	-	-	-	-	-	-	30	38	68	-	-	-	-	-	-	-	-	-	30	38	68
6:00 AM	16	32	48	-	-	-	-	-	-	59	76	135	-	-	-	-	-	-	-	-	-	59	76	135
7:00 AM	25	50	75	-	-	-	-	-	-	123	151	274	-	-	-	-	-	-	-	-	-	123	151	274
8:00 AM	49	75	124	-	-	-	-	-	-	**220**	217	**437**	-	-	-	-	-	-	-	-	-	**220**	217	**437**
9:00 AM	59	88	147	-	-	-	-	-	-	208	**220**	428	-	-	-	-	-	-	-	-	-	208	**220**	428
10:00 AM	77	124	201	-	-	-	-	-	-	141	156	297	-	-	-	-	-	-	-	-	-	141	156	297
11:00 AM	**85**	**128**	**213**	-	-	-	-	-	-	90	145	235	-	-	-	-	-	-	-	-	-	90	145	235
12:00 PM	89	**150**	239	-	-	-	-	-	-	99	150	249	-	-	-	-	-	-	-	-	-	99	150	249
1:00 PM	93	125	218	-	-	-	-	-	-	113	165	278	-	-	-	-	-	-	-	-	-	113	165	278
2:00 PM	75	124	199	-	-	-	-	-	-	133	174	307	-	-	-	-	-	-	-	-	-	133	174	307
3:00 PM	115	143	**258**	-	-	-	-	-	-	132	197	329	-	-	-	-	-	-	-	-	-	132	197	329
4:00 PM	90	120	210	-	-	-	-	-	-	180	**252**	**432**	-	-	-	-	-	-	-	-	-	180	**252**	**432**
5:00 PM	**147**	75	222	-	-	-	-	-	-	**212**	218	430	-	-	-	-	-	-	-	-	-	**212**	218	430
6:00 PM	58	58	116	-	-	-	-	-	-	113	146	259	-	-	-	-	-	-	-	-	-	113	146	259
7:00 PM	21	40	61	-	-	-	-	-	-	54	82	136	-	-	-	-	-	-	-	-	-	54	82	136
8:00 PM	30	58	88	-	-	-	-	-	-	31	82	113	-	-	-	-	-	-	-	-	-	31	82	113
9:00 PM	22	56	78	-	-	-	-	-	-	40	52	92	-	-	-	-	-	-	-	-	-	40	52	92
10:00 PM	11	30	41	-	-	-	-	-	-	20	35	55	-	-	-	-	-	-	-	-	-	20	35	55
11:00 PM	14	23	37	-	-	-	-	-	-	15	22	37	-	-	-	-	-	-	-	-	-	15	22	37
Total	**1,118**	**1,551**	**2,669**	-	-	-	-	-	-	**2,036**	**2,612**	**4,648**	-	-	-	-	-	-	-	-	-	**2,036**	**2,612**	**4,648**
Percent	**42%**	**58%**		-	-		-	-		**44%**	**56%**		-	-		-	-		-	-		**44%**	**56%**	
AM Peak	11:00	11:00	11:00	-	-	-	-	-	-	08:00	09:00	08:00	-	-	-	-	-	-	-	-	-	08:00	09:00	08:00
Vol.	85	128	213	-	-	-	-	-	-	220	220	437	-	-	-	-	-	-	-	-	-	220	220	437
PM Peak	17:00	12:00	15:00	-	-	-	-	-	-	17:00	16:00	16:00	-	-	-	-	-	-	-	-	-	17:00	16:00	16:00
Vol.	147	150	258	-	-	-	-	-	-	212	252	432	-	-	-	-	-	-	-	-	-	212	252	432

1. Mid-week average includes data between Tuesday and Thursday.

Project Manager: (415) 310-6469
project.manager.ca@idaxdata.com

Location: 2 - Airport Blvd, W/O Bay View Pl
Date Range: 2/10/2024 - 2/16/2024
Site Code:

Time	Saturday 2/10/2024			Sunday 2/11/2024			Monday 2/12/2024			Tuesday 2/13/2024			Wednesday 2/14/2024			Thursday 2/15/2024			Friday 2/16/2024			Mid-Week Average		
	EB	WB	Total	EB	WB	Total	EB	WB	Total	EB	WB	Total	EB	WB	Total	EB	WB	Total	EB	WB	Total	EB	WB	Total
12:00 AM	21	11	32	-	-	-	-	-	-	16	12	28	-	-	-	-	-	-	-	-	-	16	12	28
1:00 AM	7	6	13	-	-	-	-	-	-	2	2	4	-	-	-	-	-	-	-	-	-	2	2	4
2:00 AM	5	2	7	-	-	-	-	-	-	3	4	7	-	-	-	-	-	-	-	-	-	3	4	7
3:00 AM	4	3	7	-	-	-	-	-	-	5	6	11	-	-	-	-	-	-	-	-	-	5	6	11
4:00 AM	6	8	14	-	-	-	-	-	-	14	14	28	-	-	-	-	-	-	-	-	-	14	14	28
5:00 AM	7	22	29	-	-	-	-	-	-	11	49	60	-	-	-	-	-	-	-	-	-	11	49	60
6:00 AM	17	31	48	-	-	-	-	-	-	53	85	138	-	-	-	-	-	-	-	-	-	53	85	138
7:00 AM	27	48	75	-	-	-	-	-	-	128	163	291	-	-	-	-	-	-	-	-	-	128	163	291
8:00 AM	45	77	122	-	-	-	-	-	-	**186**	254	**440**	-	-	-	-	-	-	-	-	-	**186**	254	**440**
9:00 AM	61	92	153	-	-	-	-	-	-	178	**260**	438	-	-	-	-	-	-	-	-	-	178	**260**	438
10:00 AM	77	116	193	-	-	-	-	-	-	138	162	300	-	-	-	-	-	-	-	-	-	138	162	300
11:00 AM	**79**	**120**	**199**	-	-	-	-	-	-	103	152	255	-	-	-	-	-	-	-	-	-	103	152	255
12:00 PM	82	**157**	239	-	-	-	-	-	-	104	148	252	-	-	-	-	-	-	-	-	-	104	148	252
1:00 PM	84	130	214	-	-	-	-	-	-	127	161	288	-	-	-	-	-	-	-	-	-	127	161	288
2:00 PM	75	118	193	-	-	-	-	-	-	144	158	302	-	-	-	-	-	-	-	-	-	144	158	302
3:00 PM	110	145	**255**	-	-	-	-	-	-	141	186	327	-	-	-	-	-	-	-	-	-	141	186	327
4:00 PM	109	126	235	-	-	-	-	-	-	186	**218**	404	-	-	-	-	-	-	-	-	-	186	**218**	404
5:00 PM	**148**	87	235	-	-	-	-	-	-	**239**	199	**438**	-	-	-	-	-	-	-	-	-	**239**	199	**438**
6:00 PM	60	65	125	-	-	-	-	-	-	131	138	269	-	-	-	-	-	-	-	-	-	131	138	269
7:00 PM	34	38	72	-	-	-	-	-	-	70	71	141	-	-	-	-	-	-	-	-	-	70	71	141
8:00 PM	42	51	93	-	-	-	-	-	-	53	71	124	-	-	-	-	-	-	-	-	-	53	71	124
9:00 PM	39	42	81	-	-	-	-	-	-	60	41	101	-	-	-	-	-	-	-	-	-	60	41	101
10:00 PM	16	25	41	-	-	-	-	-	-	34	23	57	-	-	-	-	-	-	-	-	-	34	23	57
11:00 PM	16	26	42	-	-	-	-	-	-	15	22	37	-	-	-	-	-	-	-	-	-	15	22	37
Total	**1,171**	**1,546**	**2,717**	-	-	-	-	-	-	**2,141**	**2,599**	**4,740**	-	-	-	-	-	-	-	-	-	**2,141**	**2,599**	**4,740**
Percent	**43%**	**57%**		-	-		-	-		**45%**	**55%**		-	-		-	-		-	-		**45%**	**55%**	
AM Peak	11:00	11:00	11:00	-	-	-	-	-	-	08:00	09:00	08:00	-	-	-	-	-	-	-	-	-	08:00	09:00	08:00
Vol.	79	120	199	-	-	-	-	-	-	186	260	440	-	-	-	-	-	-	-	-	-	186	260	440
PM Peak	17:00	12:00	15:00	-	-	-	-	-	-	17:00	16:00	17:00	-	-	-	-	-	-	-	-	-	17:00	16:00	17:00
Vol.	148	157	255	-	-	-	-	-	-	239	218	438	-	-	-	-	-	-	-	-	-	239	218	438

1. Mid-week average includes data between Tuesday and Thursday.

Project Manager: (415) 310-6469
project.manager.ca@idaxdata.com

Attachment 2
Parking Study

Hexagon Transportation Consultants, Inc.

Memorandum

Date: July 27, 2021

To: Mr. Will Johnson, Sphere Institute

From: Gary Black
Selvi Sivaraj

Subject: Parking Analysis for the Development of the Park at 410 Airport Boulevard in Burlingame, California

Hexagon Transportation Consultants, Inc. has completed this parking analysis for the proposed development of the Park at 410 Airport Boulevard in Burlingame, California (see Figure 1). The project will convert a vacant 9.4-acre parcel on the Burlingame waterfront into a public park focused on environmental education related to sea level rise and climate change. The Park will include a kayak launch, a kitesurfing/windsurfing launch, tidal wetland and upland habitat restoration, a new education center building including a small takeout Café, raised boardwalks and overlooks, interpretive stations, lawns, and trails including an extension of the Bay Trail (see Figure 2). The educational center building, totaling approximately 8,000 square feet, will comprise a kitchen, lobby, storage area, and approximately 4,450 square feet of interior gallery area. The educational center will also include outdoor space of approximately 4,500 square feet. This memorandum estimates the parking demand generated by the public park with and without an event at the education center.

Parking Analysis Based on Published Sources

Institute of Transportation Engineers (ITE) manual is a compendium of parking demand research for various types of land uses. We utilized the land use category entitled Public Park for the park portion of the project and Convention Center (Land Use 595) for the education center. A convention center is a facility that provides space for conventions, trade shows, consumer shows, meetings, and special events. The peak period for parking demand at a convention center is closely tied to the specific event being hosted and its attendees. The café located within the education center will not have a dining area and would only sell over the counter take-way food. It is expected that the majority of the Café customers would be Bay Trail users and employees from adjacent office buildings, who will either bike or walk. Therefore, the Café does not induce any additional parking demand.

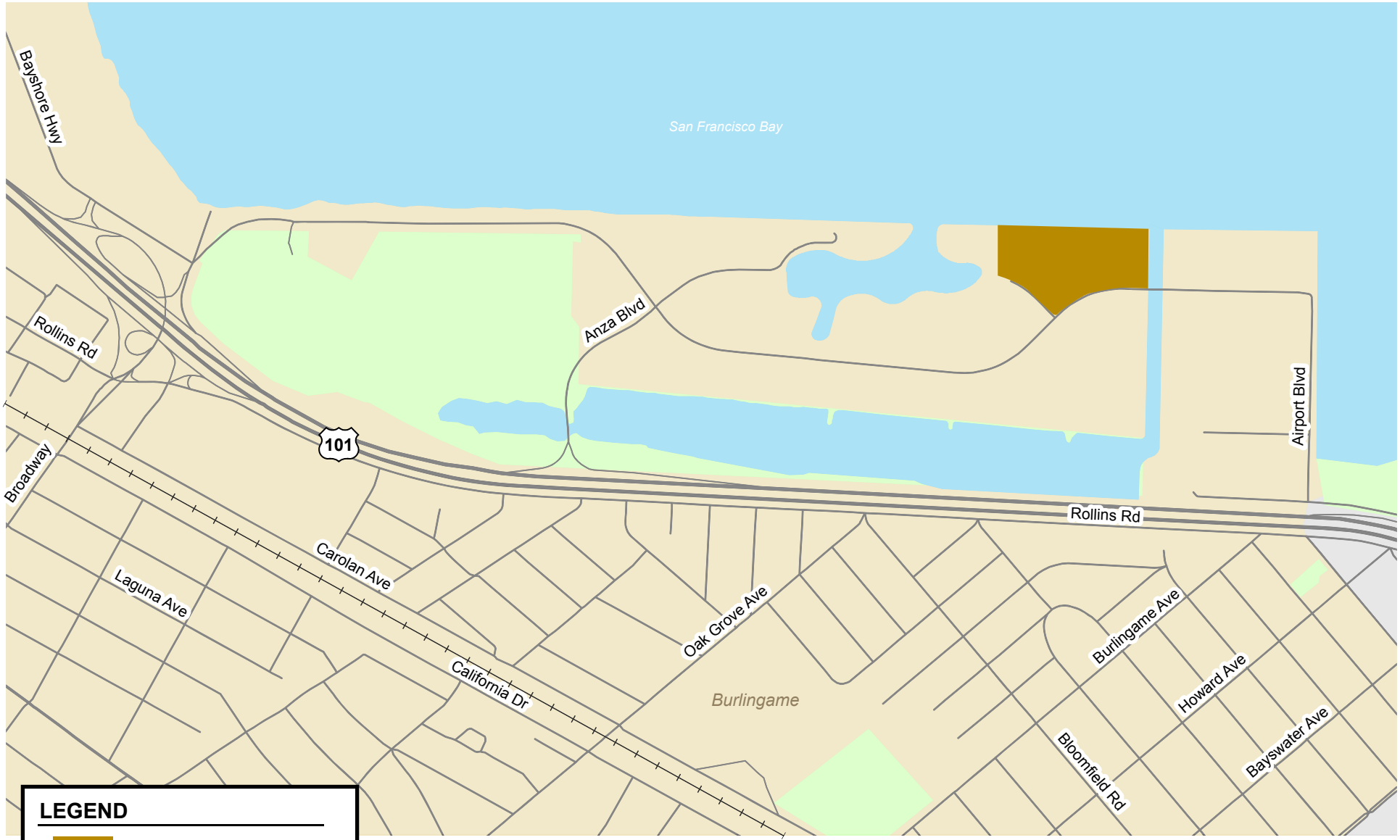


Figure 1
Site Location

Figure 2
Site Plan

NORTH
Not to Scale

For the park, according to the ITE's Parking Generation Manual, 5th Edition, 2019, Public Parks (Land Use 411) have a typical 85th percentile maximum demand of 5.08 spaces per acre, and Convention Centers (Land Use 595) have a typical maximum demand of 0.40 space per attendee. The park would comprise approximately 9.4 acres of park area including 4,450 s.f. of indoor gallery space and 4,500 s.f. of outdoor space in the education center. Based on the project information from the client, the interior gallery area and outdoor patios in the education center could accommodate up to 220 attendees. The Park may also host outdoor events such as craft fairs, farmers' markets, and kitesurfing tournaments with up to 300 attendees. Therefore, according to the ITE Parking Generation manual, the proposed project would generate a typical maximum parking demand of 48 (9.4x5.08) parking stalls for the park and 88 parking stalls (220x0.4) for the education center. For large outdoor events with up to 300 attendees, up to 120 parking spaces would be needed.

Shared Parking, published by the Urban Land Institute, is another source for parking demand data. According to the Urban Land Institute (ULI) Shared Parking 3rd Edition, 2020, Public Parks require a parking ratio of 5 spaces/acre for visitors and 0.5 spaces/acre for employees. Education Centers require 6.0 spaces per 1,000 s.f. Therefore, based on ULI rates, the proposed project would require 52 (9.4x5.5) parking stalls for the park and 54 parking stalls (8.95x6) for the education center separately. Because the parking would be shared, the ULI Shared Parking data indicates that the project would require only 99 parking spaces instead of 106 spaces.

Parking Counts

As another measure of the possible parking demand for the proposed Park at 410 Airport Boulevard, Hexagon conducted parking occupancy counts at three comparable parks to determine the parking demand generated by the public parks. Although the Park at 410 Airport Boulevard proposes to include a Café, it would only sell over the counter take-away food and does not require additional parking spaces. Parking counts at all the park parking lots were conducted on Saturday, August 15th and August 22nd, 2020. The number of parked vehicles was counted every 30 minutes from 9:00 AM to 4:00 PM on each day (see Appendix A). The parking counts were conducted at the following parks.

1. Heron's Head Park, San Francisco

   Heron's Head Park is approximately 22-acre open space and wildlife habitat located in the City of San Francisco Southeast Sector. Park amenities include 3,200 s.f. of ecology center, rest rooms, dog run, fishing pier, picnic areas with 9 tables, walking trails adjacent to the Bay trail, Shoreline habitat restoration and 24 parking spaces (including 4 ADA spaces).

2. Hal Brown Park at Creekside, Corte Madera

   Hal Brown Park is an approximately 27-acre park with habitat restoration. Park amenities include an overlook/pavilion, rest rooms, picnic areas with 12 tables, children's play area, boardwalks, walking trails and 27 on-street parking spaces (including 2 ADA spaces).

3. Cooley Landing, East Palo Alto

   Cooling Landing is an approximately 15-acre park with habitat restoration in East Palo Alto. The park amenities include an overlook/pavilion, rest rooms, picnic areas, walking/bike trails and 30 parking spaces (including 2 ADA spaces). This park also includes an overflow parking lot with 13 spaces.

The ecology center or overlook/pavilion buildings in all the parks were closed during the count days due to COVID-19. Average parking rates were calculated for all the three parks based the park size

and parking demand generated by the parks (see Table 1). Based on the calculation, the average parking rate for Heron's Head Park was 0.64 parking space per acre, Hal Brown Park was 0.76 parking space per acre, and Cooley Landing Park was 1.07 parking spaces per acre. The overall average parking ratio was found to be 0.82 parking space per acre.

The parking rates for the comparable parks were substantially less than the ITE parking rate for Public Park. The public parks counted for the ITE data vary widely as to location, type, and number of facilities, including boating or swimming facilities, beaches, hiking trails, ball fields, soccer fields, campsites, and picnic facilities. The comparable parks that were counted included picnic areas and walking trails only. The pavilions were closed. Since the proposed Park is more like the three comparable parks that were counted, as opposed to the ITE parks, Hexagon believes that the average parking ratio from the three comparable parks should be used to estimate the parking demand for the Park at 410 Airport Boulevard.

Table 1
Parking Count Results

Park Name/Location	Size (Acre)	Occupied Parking Spaces		Parking Rate		
		8/15/2020	8/22/2020	8/15/2020	8/22/2020	Average Rate
Heron's Head Park	22	14	14	0.64	0.64	0.64
Hal Brown at Creekside	27	17	24	0.63	0.89	0.76
Cooley Landing	15	17	15	1.13	1.00	1.07
					Averge Parking Rate	**0.82**

Notes:
[1] The number of parked vehicles was counted every 30 minutes from 9:00 AM to 4:00 PM on each day.

A windsurfing launch point is not available at the three parks that were counted. In order to quantify the parking demand for the windsurfing launch facility, a parking occupancy count was conducted at the nearby windsurfing launch point at Coyote Point Park in San Mateo. The number of parked vehicles observed to be associated with windsurfing were counted every 30 minutes from 9:00 AM to 4:00 PM on Saturday, August 15th and September 5th, 2020 (see Appendix A).

Table 2
Coyote Point Parking Occupancy Count

Parking Occupancy Counts					
Sat 08/15/20			Sat 09/05/20		
Time	Surf	Watch	Time	Surf	Watch
9:00AM	0	0	9:00AM	0	0
9:30AM	0	0	9:30AM	0	0
10:00AM	0	0	10:00AM	0	0
10:30AM	0	0	10:30AM	0	0
11:00AM	0	0	11:00AM	0	0
11:30AM	0	0	11:30AM	0	0
12:00PM	0	0	12:00PM	0	0
12:30PM	0	0	12:30PM	0	0
1:00PM	0	0	1:00PM	0	0
1:30PM	0	0	1:30PM	1	0
2:00PM	0	0	2:00PM	1	0
2:30PM	3	0	2:30PM	1	0
3:00PM	8	0	3:00PM	**2**	**0**
3:30PM	15	4	3:30PM	**2**	**0**
4:00PM	**17**	**6**	4:00PM	**2**	**0**

Bold indicates peak parking demand

Based on the parking occupancy counts, the maximum parking demand generated by the windsurfing facility was found to be 23 parking spaces.

Parking Demand and Supply Estimate

The total projected peak parking demand at the proposed park is estimated to be 31 spaces without an event. This comprises 8 spaces for the park and café based on the average of the counts at comparable parks and 23 spaces for windsurfing/kitesurfing based on the Coyote Point count. Since the Park is so close to Coyote Point, it might not occur that both locations would need over 20 spaces for windsurfing/kitesurfing. For events at the education center or for large outdoor events with attendance up to 300 persons, the park would need 120 parking spaces based on ITE rates.

The proposed park facility is planning to provide 25 on-site parking spaces (21 standard and 2 Electric Vehicle (EV), 1 EV ADA and 1 ADA). Based on the counts done for this report, that is ample for normal day-to-day park operations, but does not appear to be sufficient when conditions are good for windsurfing/kitesurfing.

Currently Bay View Place is signed for no parking although it is wide enough to allow on-street parking on both sides. Perhaps the parking restriction is so that transients don't take up residence there given that it is undeveloped. However, this could be a valuable parking resource for the Park. It is estimated that 23 on-street spaces would fit on Bay View Place. In addition, there is a small

public parking lot with 8 spaces at the end of Bay View Place, which is just opposite to the proposed park. Thus, there could be up to 56 public parking spaces available at the park or immediately adjacent.

Parking for large events that would need more than 56 parking spaces could be offsite, potentially with valet/shuttle service to and from the park. The following public parking facilities are located in the immediate vicinity (1/4 mile) of the project site.

- 4 public shore parking spaces at 411 Airport Boulevard, which is approximately 350 feet walking distance from the project site.
- 19 public shore parking spaces at Embassy Suites, which is approximately 1,350 feet walking distance from the project site.
- 46 parking stalls (approximately) at Anza's Fisherman Park with, which is approximately 1,200 feet walking distance from the project site.
- 35 public parking stalls including 15 parking stalls along Airport Boulevard and 20 public shore parking stalls under construction at the Burlingame Point site, which are located within 1/4 mile of the project site.
- 56 on-street parking spaces including 42 on-street parking spaces on Beach Road and 14 on-street parking spaces on Airport Boulevard, which are located within 1/4 mile of the project site.
- 10 public shore spaces along the Sanchez Lagoon, which are located within 1/4 mile of the project site.

In addition, the following private/office parking facilities are located in the immediate vicinity (1/2 mile) of the project site that have large parking lots, potentially to lease for special events.

- 500 Airport Boulevard (The SPHERE Institute Office)
- 600 Airport Boulevard
- 433-577 Airport Boulevard
- 300 Airport Boulevard (New Facebook campus – under construction)
- 60 Bay View Place (Kincaid's Fish, Chop & Steakhouse Restaurant)
- 150 Anza Boulevard (Embassy Suites by Hilton)
- 700 Airport Boulevard (Unident Laboratories)
- 111 Anza Boulevard (Seabreeze Plaza).

Summary

Parking demand for the park includes:

- 8 spaces for day-to-day park use including the café
- Up to 23 spaces for windsurfing/kitesurfing based on the Coyote Point count
- Up to 88 spaces for the education center for full occupancy with 220 attendees, which could be offsite/valet/shuttle
- Up to 120 spaces for the outdoor recreation or market events that could accommodate up to 300 attendees, which could be offsite/valet/shuttle

The project currently anticipates having the following parking supply:

Table 3
Parking Supply

Location	No. of Parking Spaces
Onsite	25 spaces (21 standard, 2 EV, 1 EV ADA and 1 ADA)
Onstreet	8 parking stalls at end of Bay View Place + 23 spaces on Bay View Place (to be coordinated with the City)
Offsite - Public (within 1/4 mile)	170 spaces
Offsite - Private (within 1/4 mile)	To be negotiated

The Park at 410 Airport Boulevard Parking Memo

Appendices

Appendix A
Parking Count

Parking Lot Counts- 20SS09 Bay Area Parks

AUTO CENSUS

Traffic Monitoring and Analysis

5973 Larkstone Loop
San Jose, Ca. 95123
Phone 408-533-3398

Date: August 15, 22, & Sept 5, 2020
Counters: Kathy, Jo, Kilbee, Jan, Matt
Location Name: Bay Area Parks
Weather: Fair

1.) Heron's Head

15-Aug	
9:00AM	5
9:30AM	9
10:00AM	6
10:30AM	10
11:00AM	11
11:30AM	14
12:00PM	12
12:30PM	14
1:00PM	8
1:30PM	12
2:00PM	9
2:30PM	10
3:00PM	7
3:30PM	9
4:00PM	10

22-Aug	
9:00AM	10
9:30AM	14
10:00AM	13
10:30AM	5
11:00AM	9
11:30AM	7
12:00PM	8
12:30PM	8
1:00PM	9
1:30PM	7
2:00PM	7
2:30PM	9
3:00PM	7
3:30PM	13
4:00PM	11

Total Spaces- 24

2.) Hal Brown

15-Aug	
9:00AM	17
9:30AM	14
10:00AM	11
10:30AM	10
11:00AM	15
11:30AM	13
12:00PM	12
12:30PM	9
1:00PM	7
1:30PM	9
2:00PM	2
2:30PM	3
3:00PM	4
3:30PM	3
4:00PM	4

22-Aug	
9:00AM	16
9:30AM	18
10:00AM	12
10:30AM	17
11:00AM	24
11:30AM	23
12:00PM	22
12:30PM	14
1:00PM	9
1:30PM	3
2:00PM	1
2:30PM	1
3:00PM	2
3:30PM	3
4:00PM	2

Total Spaces- 30

3.) Cooly Landing

15-Aug	A	B
9:00AM	3	8
9:30AM	3	5
10:00AM	4	5
10:30AM	2	6
11:00AM	3	6
11:30AM	1	7
12:00PM	0	7
12:30PM	0	6
1:00PM	0	9
1:30PM	0	9
2:00PM	0	9
2:30PM	0	10
3:00PM	1	12
3:30PM	1	13
4:00PM	1	16

22-Aug	A	B
9:00AM	1	1
9:30AM	1	3
10:00AM	1	4
10:30AM	2	6
11:00AM	2	7
11:30AM	2	9
12:00PM	2	10
12:30PM	2	12
1:00PM	1	12
1:30PM	2	10
2:00PM	1	9
2:30PM	1	9
3:00PM	2	13
3:30PM	3	10
4:00PM	1	8

Total Spaces- a.)13 b.)30

4.) Coyote Point-Windsurfing

15-Aug	A(surf)	B(watch)
9:00AM	0	0
9:30AM	0	0
10:00AM	0	0
10:30AM	0	0
11:00AM	0	0
11:30AM	0	0
12:00PM	0	0
12:30PM	0	0
1:00PM	0	0
1:30PM	0	0
2:00PM	0	0
2:30PM	3	0
3:00PM	8	0
3:30PM	15	4
4:00PM	17	6

5-Sept	A(surf)	B(watc
9:00AM	0	0
9:30AM	0	0
10:00AM	0	0
10:30AM	0	0
11:00AM	0	0
11:30AM	0	0
12:00PM	0	0
12:30PM	0	0
1:00PM	0	0
1:30PM	1	0
2:00PM	1	0
2:30PM	1	0
3:00PM	2	0
3:30PM	2	0
4:00PM	2	0

Total Spaces- 182