Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions

Submitted March 2, 2026

Project partners: BACWA (lead applicant), San Francisco Estuary Partnership (Estuary Partnership), Central Contra Costa Sanitation District (Central San), Dublin San Ramon Services District (DSRSD), City of South San Francisco (SSF), City of Burlingame, East Bay Dischargers Authority (EBDA), Mt. View Sanitary District (MVSD), Sanitation Agency of Southern Marin (SASM).

Total grant request: $19,561,577
Total budget: $26,099,429

Project dates: June 2026 – June 2029

1. Abstract

The Clean Water Together coalition, led by BACWA, proposes a regional strategy to accelerate nutrient reduction in San Francisco Bay in response to the 2024 Nutrient Watershed Permit. The project focuses on cost-effective, scalable approaches to nutrient reduction that leverage existing infrastructure. The proposal advances innovative nutrient-removal technologies at four diverse treatment plants, pilots nature-based and recycled-water-aligned solutions, and develops a regional nutrient trading program to optimize investments. Coordinated technology transfer and strengthened institutional capacity ensure that successful strategies can be rapidly adopted across 40+ wastewater agencies. EPA support will enable early implementation that delivers faster, more cost-effective nutrient reduction projects.

Environmental Outcomes: This proposal implements and advances projects that in the long-term will contribute to the dry season **reduction of more than 12,000 kg/day of nitrogen** discharged to the Bay, with co-benefits of **145 acre-feet/year of recycled water production**, more than **8,000 feet of shoreline protection, 73 acres of habitat creation and restoration**, and a **reduction in compounds of emerging concern of 45 g/day**.

2. Project Approach

Project background

Historically, San Francisco Bay (SF Bay) has sustained diverse habitats despite being one of the most nutrient-enriched estuaries in the world. During the dry season, approximately 86 percent of nitrogen loads to SF Bay come from treated wastewater effluent via publicly owned treatment works (POTWs)[i]. A massive harmful algal bloom in August 2022 showed that the Bay's historical resilience to nutrient loads is waning[ii]. In response, the San Francisco Bay Region Water Quality Control Board issued a region-wide Nutrient Watershed Permit[iii], which took effect October 1, 2024. The Watershed Permit

sets forth requirements for an aggregate dry season total inorganic nitrogen (TIN) load reduction from the 40 POTWs that discharge into the Bay of forty percent, along with a 10-year compliance schedule to achieve those reductions to protect water quality in SF Bay. The Watershed Permit allows for nutrient credit trading to achieve the aggregate load reductions.

The Bay Area Clean Water Agencies (BACWA), the lead applicant for this proposal, is a local government agency created by a joint powers agreement in 1984. Our membership includes POTWs that serve seven million people in the nine county San Francisco (SF) Bay Area, including all the permittees covered by the Watershed Permit. BACWA leads the special studies and complies with the Watershed Permit reporting requirements on behalf of all permittees. BACWA's leadership facilitates a regional approach to nutrient reduction and supports project delivery with an emphasis on maximizing benefits across all agencies and creating more cost-efficient processes.

Several critical challenges face the region as it attempts to reduce nutrients, while achieving myriad additional benefits, to levels that will protect SF Bay's water quality. These include the cost of traditional POTW upgrades and the site-specific constraints for each POTW. One of the key findings of a 2018 BACWA study[iv] of nutrient reduction opportunities was that via traditional upgrades, the regional costs for the nutrient reductions required by the Watershed Permit would be approximately $11 billion and would take significant time to implement. In addition, nutrient reduction potential varies for each agency as the available footprint and existing infrastructure are different at each facility. **Innovative approaches, including new technologies, and market-based and nature-based options, are needed to optimize cost-effective solutions for nutrient reduction across the region and deliver clean water, along with other co-benefits to the Bay ecosystem and communities, as quickly and efficiently as possible.**

Institutional barriers also pose challenges for multi-benefit solutions to nutrient reduction. Effective collaborative models that leverage technical solutions, planning strategies and proven frameworks are critical to overcome known challenges to implementation[v]. Nature-based systems and increasing water recycling require collaborative working agreements across water sectors that historically have not worked together. The Estuary Partnership, a key partner on the proposal with a large role in multiple subtasks, brings particular capacity to support cross-sector engagement and strategic development of projects to position them for successful implementation. Finally, it is critical that different water managers across the region have opportunities to learn from each other's successes and challenges to manage nutrients most efficiently and cost-effectively, and to deliver projects on time and on budget.

A regional approach to nutrient reduction and project delivery is imperative to achieve our ambitious goals for the health of the San Francisco Estuary. This proposal leverages BACWA's regional coalition of member wastewater agencies to enhance operational efficiencies, streamline permitting processes for innovative projects, and ensure effective technology transfer for cost-effective nutrient reduction and clean water. **This proposal addresses key challenges and finds solutions for nutrient management by:**

1. **Implementing innovative pilot projects at POTWs that will deliver clean water via nutrient reductions faster, more efficiently, and at less cost across the region while forging a path for other POTWs to follow;**
2. **Advancing implementation of multi-benefit systems for nutrient reduction, such as nature-based solutions and increasing water recycling, which in addition to reducing nutrient loads can provide habitat enhancement, flood risk reduction, and water security for the region;**

3. **Developing and implementing a nutrient trading program for POTWs to leverage site-specific opportunities for the most efficient nutrient reduction projects;**
4. **Building institutional capacity and social infrastructure for effective technology transfer and streamlined permitting processes for innovative approaches to nutrient management.**

By funding this proposal, EPA will provide timely support in the early stages of the Watershed Permit that will lead to more efficient nutrient reduction outcomes, help prevent future algal blooms, and bring multiple environmental benefits. This ambitious proposal is well-supported by strong leadership. BACWA has deep expertise in managing high-budget, complex projects through its regional coalition of wastewater agencies, including through regional compliance reporting and managing pooled funds to direct regional analysis of nutrient dynamics. In addition, the Estuary Partnership is leveraging its extensive experience in managing large-scale, complex, multi-partner projects to collaborate with BACWA on this work, including strategic administrative support, regional technology transfer, and supporting operational advancement of multi-benefit nature-based projects.

Connection to EPA Program Office Priorities: This project addresses **Nutrient Management, Large Scale Shoreline Resilience**, and **Multi-benefit Projects**.

Connection to EPA Priorities: This project supports **Pillar 1: Clean Air, Land, and Water for Every American**; and **Pillar 3: Permitting Reform, Cooperative Federalism, and Cross-Agency Partnership**.

Comprehensive Conservation and Management Plan (CCMP) Consistency: The project advances several of the goals and objectives of the CCMP (the 2022 Estuary Blueprint) and specifically implements several actions, including: **Actions 1, 3 and 4** to plan and implement projects for increased resilience with a focus on nature-based solutions; **Action 17 and 18** to reduce water use around the Estuary and expand the use of recycled water; **Action 20** to advance nutrient management in the Estuary; and **Action 21** to address emerging contaminants in the Estuary's waters.

Geographic Area of Project

This proposal includes projects throughout the San Francisco Bay Region, including at treatment facilities in Santa Clara, Alameda, San Mateo, Contra Costa, and Marin Counties, as well as regional coordination efforts that span the San Francisco Bay Area. Please see Exhibit A map for specific project locations.

2. Project Activities and Metrics

Please see Table 1 which summarizes the activities in each subtask, along with the schedule, outputs/deliverables, outputs, outcomes, and budget. In the table, outputs are defined as measurable activities during the grant period and outcomes are environmental improvements (may occur after project period).

Table 1: Subtask and activity Ouputs/Deliverables and Outcomes

Activity	Schedule	Outputs and Deliverables	Budget		Outcomes
			Grant	***Match***	
1.1: Piloting densified activated sludge in conjunction with MABR (Central San)					
A. Design Phase - Pilot process design and engineering for DAS and MABR systems	Sept 2026 - Jan 2027	One (1) successful study outlining optimal design and evaluation of DAS configurations for MABR performance.	$1,000,000	$750,000	•Enhanced nitrogen removal performance efficiency with nitrogen removal of **2,300 kg N/d;** •Increased and improved technical knowledge of MABR performance Increased and improved regional decision-making capacity
B. Installation, Operation & Testing of MABR system	May - Oct 2026	One (1) successful installation of MABR pilot demonstration (full-scale operational testing and monitoring of the MABR system following installation).	$800,000	$200,000	
C. DAS Construction	April – Nov 2027	One (1) successful construction of a densified activated sludge system.	$3,156,000	$1,400,000	
D. Evaluation	July 2026 - Jan 2028	•Comparative assessment of nitrogen removal outcomes with and without densification using the DAS technology. •Technical memoranda documenting testing results and optimization findings.	100,000	150,000	
1.2: Piloting MABR to achieve nutrient removal in existing basins (Dublin San Ramon Services District)					
A. Design	July 2026- April 2027	Pilot system design, including process flow diagrams, equipment specifications, and integration with existing plant systems.	$562,500	$187,500	•Decrease effluent seasonal average nitrogen by **100-200 kg N/day;** •Improved effluent quality for water recycling
B Installation	April 2027- June 2027	Installation of pilot MABR equipment.	$1,525,000	$500,000	
C. Evaluation	July 2027- Sep 2027	Technical pilot evaluation report with operational and nutrient removal performance, identification of optimal location to deploy technology and budgetary considerations.	$50,000	$25,000	

D. Reporting	Early 2028	Technical memo of testing results and optimization findings.	$37,500	$12,500	
1.3: Piloting densified activated sludge to intensify nutrient reduction (South San Francisco/San Bruno)					
A. Pilot process design, engineering, management	Mid 2026	Design documents	$180,000	$48,000	•Decrease effluent seasonal average nitrogen by **800 kg N/day;** •Lower-cost, lower energy, and lower-footprint treatment alternative.
B. Procurement & installation of hydrocyclone, piping, controls	Mid-2026 to early-2027	Successful Installation	$1,100,000	$276,680	
C. Pilot testing, with optimizations and modifications.	Mid-2027 to 2028	Sample plan, sampling, laboratory analysis, operator support, and performance evaluation.	$150,000	$99,840	
D. Final Evaluation & Reporting	2029	Final technical report, guidance materials, and presentations	$48,000	$73,520	
1.4: Design of Membrane Bioreactor (MBR) to reduce nutrients and improve effluent quality for water recycling (City of Burlingame)					
A. Design	October 2026 to June 2029	Design documents, technical specifications, construction bid-ready plans	$1,857,000	$745,800	•Decrease effluent seasonal average nitrogen **by 240 kg N/day;** •Produces up to 445 acre-feet/year high-quality effluent for water recycling.
B Environmental Review and Permitting	March 2027 to October 2028	CEQA documentation, regulatory permits, agency coordination	$397,900	$170,500	
C. Project Management and Administration	October 2026 to June 2029	Project coordination, progress reports, budget tracking, grant administration	$256,200	$113,700	
2.1: Advance implementation of smaller-footprint NBS for maximizing removal of nutrients in the South Bay (SFEP)					
A. Analyze the feasibility, costs, and environmental impacts of different NBS options for treating ROC, wastewater and centrate	2026 – 2029 (whole grant period)	Cost-effectiveness assessment; Fatal flaw analysis report; Assessment of synergies of new NBS with existing and planned nearby shoreline projects; Feasibility assessment of treating mixed ROC-centrate	$800,000	$493,315	•Decrease effluent seasonal average nitrogen by **4,000-7,000 kg N/day;** •reduce CEC loads to the Bay by ~0.047 kg/day;

B. Develop governance system and innovative technologies to operate and maintain the NBS system performance	2026 - 2029	Draft MOU between Valley Water and City of San José for NBS; Scenario Analysis of NBS system under future conditions; Decision-support tool to determine the appropriate design; Monitoring Memo that defines the technology for system oversight	$800,000	$123,010	•Create approximately 40 acres of habitat; •Provide greater certainty about engineering design for maximum nutrient removal in NBS systems
C. Collect data to answer key questions about engineering design of horizontal levees	2026 - 2029	Memo about optimal design of horizontal levees for treating nutrients in minimal footprint area	$800,000		
D. Regulatory and community engagement	2026-2029	Regulatory engagement strategy; Design charette with regulators; Community engagement strategy	$200,000		
D. Project coordination, management & administration	2026-2029	Signed subcontracts; regular reporting to BACWA and EPA;	$200,000		
2.2: Shovel-ready the First Mile Horizontal Levee Project (EBDA and SFEP)					
A. Design & Permitting	2026 – 2029 (whole grant period)	100% Design documents & Complete Permits	$1,260,000		•Decrease effluent seasonal average nitrogen by **1,191 – 1,420 kg N/d;** •5.6 acres of riparian / wet meadow habitat created •10-20 additional acres of tidal wetland habitat restored •3-5 acres of habitat enhancement to existing wetland •1 mile of shoreline protection from sea level rise
B. Partner Coordination	2026 - 2029	Signed Agreement amongst all relevant parties to construct and maintain the project	$512,578	$276,210	
C. Community Engagement	2026 - 2029	3 focus groups; 4 community outreach events; 4 horticulture education workshops; Water & soil quality education program, Two community forums; Memo on pilot wastewater NBS workforce development program; Tribal engagement	$640,000		
Subtask 2.3: Enhance the Moorhead Marsh polishing wetland (MVSD)					
A. Installation of new floating islands and monitoring	Summer 2026	New floating treatment islands installed in sections of Moorhen Marsh	$100,000	$75,000	•Decrease effluent seasonal average nitrogen by **10 kg N/day;**

B. Installation and operation of water quality monitoring stations	Summer 2026	Two additional water quality monitoring stations; Map of nutrient removal patterns through the marsh.	$75,000	$35,000	•1,000 square feet of new floating islands and two aeration units, which will push water towards islands; •Significant reduction in algae growth in Moorhen Marsh.
C. Installation and upkeep of aeration units	Summer 2026	Two aeration units to reduce nutrients, control algae, and ensure nutrient regulatory compliance.	$225,000	$15,000	
D. Efficacy analysis and monitoring	2026-2029	Analysis of nutrient data; Reconfiguration of the islands as needed to maximize nutrient removal.		$10,000	
2.4: Bothin Marsh Horizontal Levee Feasibility Assessment (SASM)					
A. Alternatives Analysis and Concept development	June 2026 - June 2027	Feasibility report that outlines methods of analysis, findings and two alignments (CAD and PDF files), modeling results (GIS geodatabase); Guidelines for required hydraulics	$230,000	$50,000	•Decrease effluent seasonal average nitrogen by **90 kg N/day;** •Completed project will provide 3,000 ft shoreline protection of critical infrastructure like arterial roads, low lying sewers, Bay Trail, and Great Redwood Trail; •Creation or enhancement of 2-3 acres of marsh-upland transition zone habitat
B Coordination and Engagement.	August 2027	Workshop materials; workshop summaries (released publicly)	$60,000	$40,000	
C. Initial Regulatory Consultation	August 2027	Quarterly Meeting summaries	$40,000	$15,000	
3.1: Develop a nutrient trading program to facilitate regional coordination and reduce nutrient removal costs (BACWA)					
A. Point Source Program Development	April 2026 to January 2027	WQT Framework Report	$597,000		•Trading framework for the San Francisco Bay Region, which could facilitate the removal of approximately 3,000 kg N/d of nitrogen.
B. Pilot point source trades	January 2027 to January 2028	Identification of likely trading partners, and agreements	$250,000		
C. Lay groundwork for non-point source trading	January 2027 to January 2029	Feasibility analysis for non-point "green engineering" nutrient reduction trades.	$250,000		
E. Regional Planning and reporting	April 2026 to June 2029	Regional Plan submitted to Water Board incorporating trading framework		$510,000	

3.2: One Water - Strengthen the institutional capacity, social infrastructure, and technology transfer needed to support innovative nutrient management (SFEP)					
A. Transforming Shorelines Collaborative – focus on advancing multi-benefit NBS implementation at the shoreline	2027-2029	2-4 Transforming Shorelines Collaborative meetings/ year; Meeting summaries	$200,000		• Increased institutional capacity for nutrient management, regional collaboration, and technology transfer • Streamlined permitting pathways for NBS • Increased water recycling
B. Bay Area One Water Network – focus on building cross-agency partnership for nutrient reduction, including through increased water recycling	2026-2029	Bay Area One Water Network charter; Memo summarizing Bay Area One Water Network membership structure; 1-2 Bay Area One Water Network convenings / year; Bay Area One Water Network website updates	$600,000	$110,000	
Subtask 3.3 Regional Wastewater Treatment Technology Transfer and Infoshare (BACWA)					
A. Technology Transfer and Infoshare	June 2026 to June 2029	• At least 12 infoshare meetings (in-person and virtual) • Dissemination of reports and other written materials across the BACWA community		$32,110	BACWA members and regulators are aware of innovative projects across the region. Agencies have tools to apply lessons learned to their own facilities.
Subtask 4.1 Project management (BACWA and SFEP)					
A. Reporting to EPA	June 2026 to June 2029	Financial tracking and reporting to EPA	$331,900		Increased regional coordination to reduce administrative burden on project participants and EPA staff.
B. Contracting with project sub-awardees	June 2026 to August 2026	Contracts with each sub-awardees	$50,000		
C. Quality Assurance Project Plan (QAPP)	June 2026 to June 2027	Deliver QAPP to EPA	$120,000		

Task 1. Biological Nutrient Removal (BNR) pilot projects and implementation to enhance and accelerate the pace of nutrient reduction

Task 1 comprises a suite of projects that will launch targeted nutrient reduction solutions at POTWs and accelerate compliance with the Watershed Permit. Four POTWs of different sizes and with different wastewater composition will pilot and implement technologies that will leverage existing wastewater treatment infrastructure, including tanks, pipes, and settling basins, to deliver nutrient reductions most cost-effectively via process intensification. These four projects offer distinct lessons that will inform efforts of many other POTWs across the region.

Subtask 1.1 Piloting densified activated sludge (DAS) in conjunction with membrane aerated bioreactor (MABR) at Central Contra Costa Sanitary District

Central Contra Costa Sanitary District (Central San) is currently developing a demonstration-scale MABR facility, following a successful pilot phase[vi], which will reduce nutrients mostly within the existing plant footprint. With the requested funding, Central San will install MABR cassettes and conduct installation testing, optimization, and evaluation of intensified total inorganic nitrogen removal technologies that leverage existing wastewater treatment infrastructure. The project will include the design and evaluation of densified activated sludge (DAS) as a complementary strategy to MABR to optimize nitrogen removal performance, reduce lifecycle costs, and increase the facility's capacity for nutrient reduction using existing tankage. Following the design and evaluation phase, installation and construction of necessary modifications will take place to test DAS capacity within existing facilities.

Central San's MABR demonstration project is unique for its pairing with DAS technology, as it combines two approaches for maximizing the nutrient reduction capacity of existing infrastructure. The subsequent analyses will offer scalable and adaptable insights to the Bay Area's nutrients dischargers regardless of their size or capacity.

Subtask 1.2 Piloting MABR at Dublin San Ramon Services District (DSRSD)

DSRSD has a robust recycled water program, which in 2025 allowed DSRSD to reduce its TIN load by 68% through diversion of discharges. DSRSD proposes to pilot intensification of their existing treatment process through MABR to reduce nutrients while unlocking new opportunities for water recycling by making higher-quality recycled water. The pilot will focus on quantifying nutrient reductions, assessing improvements to recycled water treatment and quality, and validate a siting strategy. This project is a complimentary approach to DSRSD's main nutrient removal strategy, recycled water, that will remove nutrients from San Francisco Bay, and it provides regional lessons about how process intensification and improved overall water quality of recycled water can enable increased water recycling to divert nutrients from the Bay.

Subtask 1.3 Piloting DAS at South San Francisco/San Bruno Water Quality Control Plant

The City of South San Francisco operates a conventional activated sludge facility within an extremely constrained footprint, making upgrades for nutrient removal especially challenging. With the requested funding, they will implement and evaluate a full-scale DAS system to enhance nutrient removal using existing treatment infrastructure. This full-scale demonstration will evaluate DAS under plant-specific conditions to assess engineering integration, operational challenges, and performance within an existing activated sludge system. The project will trial DAS as a lower-cost, lower-footprint alternative to major capital upgrades, supporting nutrient reductions in the

Watershed Permit as efficiently and cost-effectively as possible. This project will inform nutrient upgrades for many of the smaller POTWs in the region who are working within tight budgets and small footprint areas.

Subtask 1.4 Design of membrane bioreactor (MBR) at the City of Burlingame Wastewater Treatment Facility

This project will provide the design of a full-scale Membrane Bioreactor (MBR) system at the City of Burlingame's wastewater treatment plant to achieve enhanced nutrient removal and comply with the Watershed Permit. MBR technology was selected for its ability to simultaneously achieve nutrient removal and produce high-quality filtered effluent suitable for water recycling in a compact footprint. Burlingame aims to develop a local recycled water supply to reduce reliance on imported potable water, enhance drought resiliency, and decrease discharge to San Francisco Bay in compliance with the Watershed Permit[vii]. This project will demonstrate the feasibility of producing high-quality effluent for specialized recycled water uses within a constrained footprint while dramatically reducing nutrient loads.

Task 2. Nature Based Solutions (NBS) for nutrient removal, habitat enhancement, and shoreline resilience

Recycled water and nature-based solutions (NBS), such as engineered treatment wetlands and horizontal levees, are attractive alternatives for nutrient management, as they bring co-benefits of drought resilience for recycled water, and flood risk reduction and habitat enhancement for NBS. Significant research has demonstrated the efficacy of horizontal levees for nutrient removal from wastewaster effluent[viii]. Implementation of NBS at scale will require addressing key questions related to land availability, long-term operations and maintenance, engineering design, regulatory pathways, and ecological risk management. These projects will enhance existing NBS and lay the framework for future NBS installations.

Task 2.1. Advance implementation of smaller-footprint NBS for nutrient removal in the South Bay.

NBS systems for nutrient removal in the Bay Area are limited by land availability. Targeting high-strength nutrient sources—reverse osmosis concentrate (ROC) and centrate—could maximize nutrient removal per unit area, but technical uncertainties and limited knowledge about real-world feasibility remain. This project advances NBS for improving the Bay's water quality by: 1) addressing key engineering design questions through targeted investigations; 2) assessing the feasibility of siting an NBS near the San José–Santa Clara Regional Wastewater Facility (SJ-SC RWF) to treat ROC from Valley Water and centrate from SJ-SC RWF; and 3) Developing decision-support tools, and monitoring / remote sensing plan for long-term operations. Valley Water and City of San Jose will also prepare a draft MOU for governance and maintenance of the NBS system to jumpstart the planning and design process.

The feasibility analysis will provide the Valley Water and City of San José management boards and council with the information needed to decide on constructing a NBS for reducing loading of nutrients and contaminants of emerging concern (CECs) that would also provide up to 40 acres of shoreline habitat and flood risk reduction to nearby communities and infrastructure. The report will include conceptual designs and cost-effectiveness comparisons, a fatal-flaw analysis, evaluation of

opportunities to integrate with existing South Bay shoreline adaptation projects, assessment of conveyance options for ROC and centrate, and recommended next steps.

Building on efforts at Oro Loma, Palo Alto, and the First Mile Horizontal Levee, this effort will be the first to test and evaluate treatment of ROC and nutrient-rich centrate in an NBS. Applied data collection by UC Berkeley at the Oro Loma testbed using ROC from Valley Water and centrate from SJ-SC RWF will reduce uncertainty associated with NBS for treating concentrated waste streams and help identify optimal designs for small-footprint NBS that could be replicated region-wide, unlocking new opportunities for NBS for nutrient management. The Estuary Partnership will coordinate the project team, and work closely with Valley Water and City of San Jose to deliver on the project outputs, manage consultants, support regulatory and community engagement, and facilitate knowledge transfer region-wide.

Subtask 2.2: Shovel-ready the First Mile Horizontal Levee Project

East Bay Discharger's Authority (EBDA) will work with the San Francisco Estuary Partnership, East Bay Regional Park District, and Hayward Area Shoreline Planning Agency plan to significantly expand the scale of the concepts demonstrated at the Oro Loma Horizontal Levee Demonstration Project and Palo Alto Horizontal Levee Pilot by establishing a new horizontal levee along approximately one mile of shoreline south of the Oro Loma Sanitary District treatment plant. The First Mile Horizontal Levee Project, when constructed, would be able to treat a portion of EBDA effluent to remove total inorganic nitrogen and other pollutants, reduce flood risk to transportation infrastructure and to a residential community, and increase habitat resilience for threatened species. Initial funding for design of the First Mile Horizontal Levee was supported through multiple rounds of EPA Region 8 Water Quality Improvement Funding, but additional funds are needed to complete design, engineering, permitting and coordination given the escalated cost associated with this highly complex project. The requested funding would support completion of design and engineering plan sets, acquiring all necessary permits, and continuation of partner coordination to navigate jurisdictional and implementation complexity, as well as continued community, youth, and Tribal engagement, including an innovative approach to NBS workforce development.

Subtask 2.3: Enhance the Moorhen Marsh polishing wetland

Mt. View Sanitary District (MVSD) operates Moorhen Marsh, the first constructed wetland entirely reliant on wastewater on the West Coast, as a nature-based solution for nutrient polishing. MVSD is looking to reduce its TIN load by 20 percent through the construction of new floating treatment islands and the installation of two aeration units. The project will improve nutrient levels in both the Moorhen Marsh ecosystem and that of downstream San Francisco and Suisun Bays.

Moorhen Marsh consists of interconnected ponds, two of which contain 32 floating treatment islands that help polish the treated wastewater discharged into the marsh. The islands improve water quality, control algae, and reduce nutrient levels. However, some sections of the marsh lack floating treatment islands, and localized algal blooms have taken place in recent years. MVSD seeks to add another 1,000 square feet of floating treatment islands to new sections of the marsh and add two aeration units to support these efforts. The aeration units will reduce algae production on their own by oxygenating the water, removing suspended carbon dioxide from decomposition, and agitating the pond's surface, which disrupts algae life cycles. The units will also be configured to push water towards the islands to maximize nutrient uptake.

The project will add two new water quality sampling stations for consistent cross-marsh monitoring. Data from these stations will be combined with observations at existing monitoring locations so that removal efficiency can be quantified through each pond featuring floating islands and aeration. Weekly tests will occur throughout the contract period. As water quality results are received, the floating islands may be reconfigured to optimize nutrient uptake. Work will include installation, project oversight, maintenance of the island structures, review of initial efficacy data, nutrient reduction optimization, and water quality testing. This project provides an important testbed for an innovative floating islands approach to nature-based nutrient management that will provide lessons for other POTWs across the region.

Subtask 2.4: Bothin Marsh Horizontal Levee Feasibility Assessment at the Sewer Agency of Southern Marin (SASM)

SASM is located in an area that is prone to flooding during king tides, making it an ideal site for a NBS that would concurrently provide nutrient reduction and shoreline resilience. Building on regional successes with horizontal levees at Oro Loma and Palo Alto, this project will assess the feasibility of an NBS for nutrient removal in Richardson Bay. The proposed habitat(s) will serve as a tertiary treatment zone while also restoring, protecting, and enhancing upper tidal transition zone wetlands on the Bay shoreline; reducing flood risk to the greater Mill Valley community; and improving public access at Bothin Marsh. This area includes segments of the Bay Trail and Great Redwood Trail which are regularly flooded at high tides, cutting off Marin City residents from the only non-vehicular access to the local middle and high schools.

This project will build on SASM's ongoing nutrient reduction analyses to include an alternatives analysis, coordination and outreach with stakeholders including members of the public, and initial regulatory consultation with the Bay Restoration Regulatory Integration Team (BRRIT) to assess the permitting pathways for potentially feasible projects. Depending on alternatives found to be viable, the horizontal levee and habitat project could create up to three acres of marsh transition zone while also reducing nutrient loads to the Bay and providing recreational opportunities.

Task 3. Regional Coordination

This proposal strengthens the Bay Area's collective capacity to meet long-term water quality goals by investing in the collaborative planning tools to ensure success for project delivery and environmental outcomes. Coordinated planning, shared technical resources, and structured information sharing provided by BACWA and the Estuary Partnership will accelerate technology transfer and ensure that innovations developed by one agency can be rapidly adopted across the region.

Subtask 3.1: Develop a nutrient trading program to facilitate regional coordination and reduce nutrient removal costs

The Watershed Permit allows for development and implementation of a trading program that would allow agencies to forgo nutrient reductions by buying credits from other agencies who achieve nutrient reduction beyond their limits. BACWA commissioned a trading feasibility assessment in 2025 which found that trading is feasible, and could potentially account for 15 percent of the total TIN load reduction required by the Watershed Permit by allowing POTWs with large site-specific opportunities for nutrient removal to take advantage of their full potential[ix]. BACWA is an ideal lead for establishing a trading program, as it is developing the Regional Planning Study required by the Watershed Permit,

which will coordinate and compile the agency planning efforts and costs that will be needed as inputs for a trading framework. Permittees need to have a trading framework in place as soon as feasible so they can use the information to decide on compliance strategies. With the requested funding, BACWA will develop and implement a methodology for identifying credit supply, demand, costs and timelines, and eventually incorporate non-point source green engineering alternatives. This tool can be iteratively refined as additional information and data becomes available, and provide a framework that can be incorporated into the 2029 Watershed Permit.

Subtask 3.2: Strengthen regional institutional capacity and technology transfer

The Estuary Partnership will facilitate regional technology transfer and capacity building to advance innovative projects and programs that will result in reduced nutrient loads. They will create and convene forums for stakeholders to come together for problem solving, capacity building, and technology transfer. These forums include the Bay Area One Water Network, which will convene facilitated workshops that bring together decision-makers across jurisdictions to develop strategies to streamline processes for advancing innovative nutrient management techniques. It will also include hosting the Transforming Shorelines Collaborative for peer-to-peer knowledge exchange across restoration practitioners, shoreline planners, and water managers about multi-benefit shoreline NBS through skill-building workshops and site visits to advance the pace and scale of multi-benefit shoreline projects.

Subtask 3.3 Regional Wastewater Treatment Technology Transfer and Infoshare

BACWA will coordinate information sharing and technology transfer among Bay Area POTWs for all of the project subtasks. This will include making connections between wastewater facilities considering similar technologies, hosting information sharing webinars, and disseminating the reports developed as part of this proposal.

Task 4. Project management

BACWA will serve as the lead agency and coordinate among all the project participants to provide semiannual (or quarterly, if needed) reporting to EPA, contracts with project subawardees, tracking of progress for all subtasks and match activities, and development of a joint Quality Assurance Project Plan that includes a monitoring and data plan for all relevant subtasks that meets EPA standards. BACWA has protocols for managing subawards and will ensure all tasks are started as soon as possible upon receipt of funding. The Estuary Partnership will provide additional assistance to BACWA. The Estuary Partnership has significant capacity for managing federal funds, and will share tools, best practices and tracking techniques to bolster BACWA's success.

Programmatic Capability and Past Performance History

BACWA successfully coordinates large, complex projects in a timely manner, and manages an approximately $3M annual budget based on dues and fees collected from more than 60 members. From 2012 through 2020, BACWA successfully administered a $30M grant from CA Department of Water Resources, and dispersed funds provided through Proposition 84. Prior to that, BACWA administered a similar $12.5M grant from DWR funded by Prop 50. BACWA has extensive experience as an administrator of special benefit projects that improve efficiency and cost-effectiveness for our members. For example, BACWA administers the Bay Area Chemical Consortium, which is a group of about sixty public agencies cooperating on a joint procurement of wastewater and water treatment

chemicals. BACWA served as administrator for the Bay Area Biosolids Coalition, collected fees from the Coalition's membership, and served as the contracting agency to carry out the Coalition's projects. BACWA also collects and delivers our members' payment to the San Francisco Estuary Institute (SFEI) to support science of nutrient management.

The Estuary Partnership is serving as a project partner to offer strategic administrative support for this coalition proposal. The Estuary Partnership has successfully managed numerous projects funded by the US EPA to implement the Estuary Blueprint. It manages grants, contracts and subaward agreements, and has undertaken large-scale, multi-million-dollar projects funded by government grants and contracts to improve water quality in the Bay Area. The Estuary Partnership monitors project progress, costs, and achievements, and works in close collaboration with subrecipients and funding agencies to ensure projects are completed on time, within budget, and on target to achieve the desired environmental outcomes. The Estuary Partnership will administer several subawards and provide direct support to BACWA to ensure their full success in managing this grant.

Organizational and team experience

BACWA is leading this project. The Estuary Partnership will work closely with BACWA, subawardees, and task leads to provide knowledge transfer on reporting and compliance for EPA-funded projects. A summary of project and subtask leads is provided below:

Task 1.1: Nathan Hodges is a Senior Engineer at Central San with nearly 26 years delivering on the agency's capital program in a variety of roles.

Task 1.2: Sonya Spala brings over 14 years of experience across public and private sectors and currently manages potable water, wastewater, and recycled water capital projects for Dublin San Ramon Services District from design through construction.

Task 1.3: Brian Schumacker, Superintendent of the Water Quality Control Plant Division for the City of South San Francisco, oversees the City's wastewater treatment plant and the North Bayside Systems Unit outfall system.

Task 1.4: Mahesh Yedluri, Senior Civil Engineer at the City of Burlingame, manages the City's capital improvement program and oversees wastewater treatment plant operations.

Task 2.1: Heidi Nutters, Principal Environmental Planner at the Estuary Partnership with over a decade of experience in complex environmental planning, leads SFEP's adaptation and resilience technical assistance and will collaborate closely with Valley Water, the City of San José, and UC Berkeley on this task.

Task 2.2: Jackie Zipkin, General Manager of the East Bay Dischargers Authority and current BACWA Chair, oversees wastewater discharge for one million East Bay residents and has led the First Mile Horizontal Levee Project and its EPA-funded work since 2018.

Task 2.3 – Lilia Corona, General Manager of Mt. View Sanitary District for the past six years, oversees professional, technical, and support operations at the facility.

Task 2.4: Mark Neumann, General Manager of SASM, brings extensive earthwork, sewage construction, and wastewater treatment experience to the project.

Tasks 3.1 and 3.3: Lorien Fono, Executive Director of BACWA since 2020, has two decades of experience in wastewater and recycled water regulatory compliance, science-based decision-making, and collaborative sector management.

Task 3.2: Sasha Harris-Lovett, Lead Environmental Scientist at the Estuary Partnership, co-leads the Bay Area One Water Network, supports the Transforming Shorelines Collaborative, co-manages the Wetlands Regional Monitoring Program, and has over a decade of experience advancing cross-jurisdictional water solutions.

Task 4.1: Jennifer Dyment, Assistant Executive Director of BACWA since 2020, has over twenty years of public-sector experience in project management, budgeting, accounting, and information technology.

Partnerships and cooperative federalism

The subtasks included in this proposal represent an extensive regional effort to thoughtfully transform the wastewater infrastructure in our region and reduce nutrient loading while strengthening collaborations between agencies via technology transfer, collaboration, trading, and enhanced institutional capacity for innovative projects. This proposal is built with a partnership model from the ground up. By leveraging strategic and innovative partnerships, the project team will deliver environmental outcomes and community impact. The projects will allow our region to deliver greater nutrient reduction per dollar invested, with less environmental impact, and more quickly than could otherwise be achieved. BACWA's leadership to bring this proposal together through a partnership model is years in the making. Its long history as a trusted convener for POTWs, its interface on the Nutrient Watershed Permit and partner with regional entities like the Estuary Partnership make it uniquely positioned to lead. What might have been multiple individual applications within this funding round is now delivered into one comprehensive and high-impact proposal representing many POTWs.

Each of the subawardees has provided a letter of support that describes their participation. In addition, 39 local representatives, local jurisdictions, and community groups have shared their support in letters submitted along with this proposal.

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[i] Novick et al., 2014, External Nutrient Loads to San Francisco Bay, SF Bay Regional Monitoring Program
[ii] Nutrient Management Strategy 2025 State of the Science report
[iii] Order R2-2024-0013; NPDES PERMIT CA0038873
[iv] BACWA Nutrient reduction Report, 2018
[v] Collier et al., 2023, An integrated process for planning, delivery, and stewardship of urban nature-based solutions: The Connecting Nature Framework, *Nature Based Solutions*
[vi] Cunningham, et al., 2025, Membrane Aerated Biofilm Reactor Offers an Exciting Possibility for Nutrient Removal, CWEA News
[vii] City of Burlingame, Recycled Water and Wastewater Discharge Reduction Project, 2016
[viii] Cecchetti et al., 2020, The horizontal levee: a multi-benefit nature-based treatment system that improves water quality and protects coastal levees from the effects of sea level rise, *Water Research.*
[ix] Water Quality Trading Feasibility Study, The Freshwater Trust

Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions

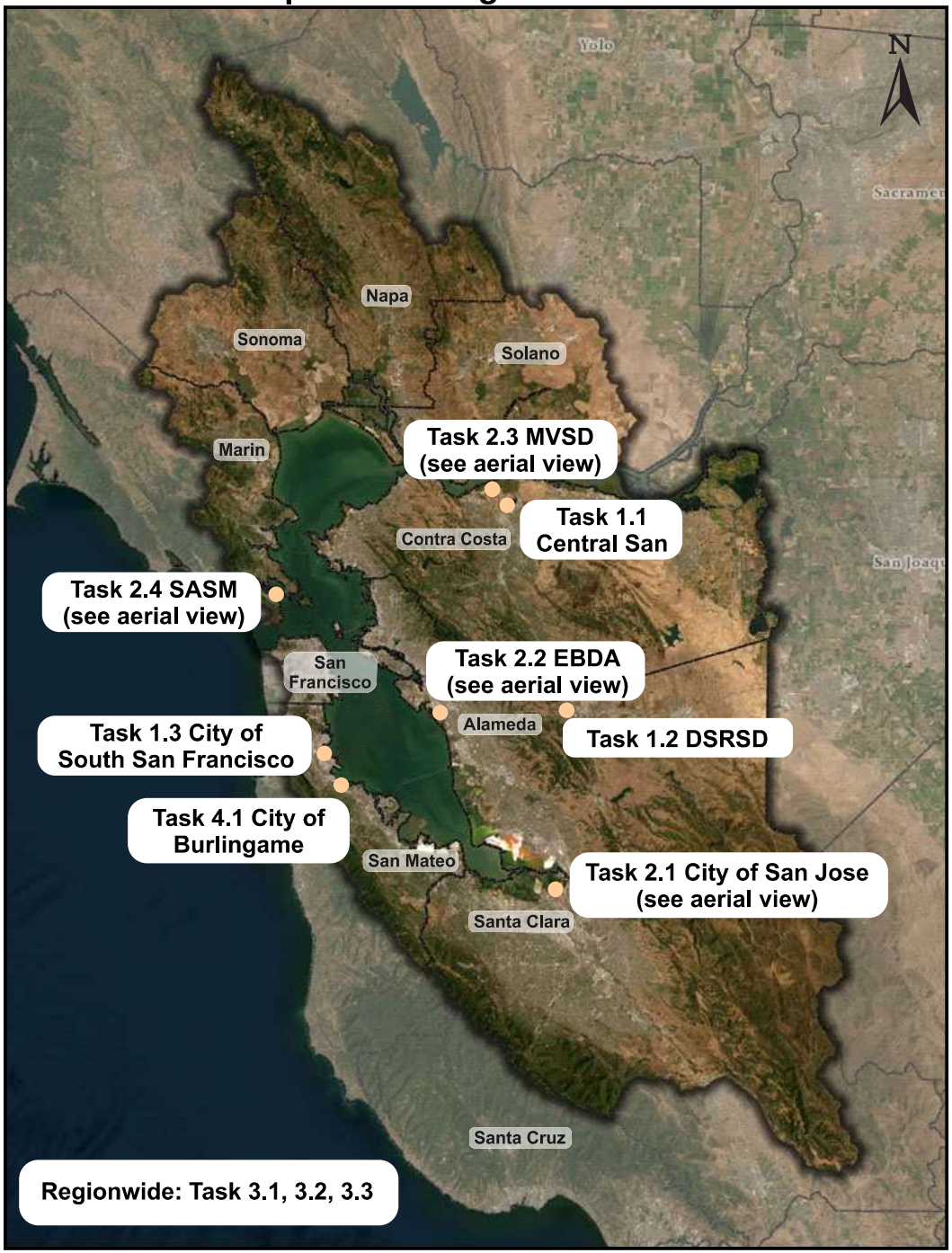

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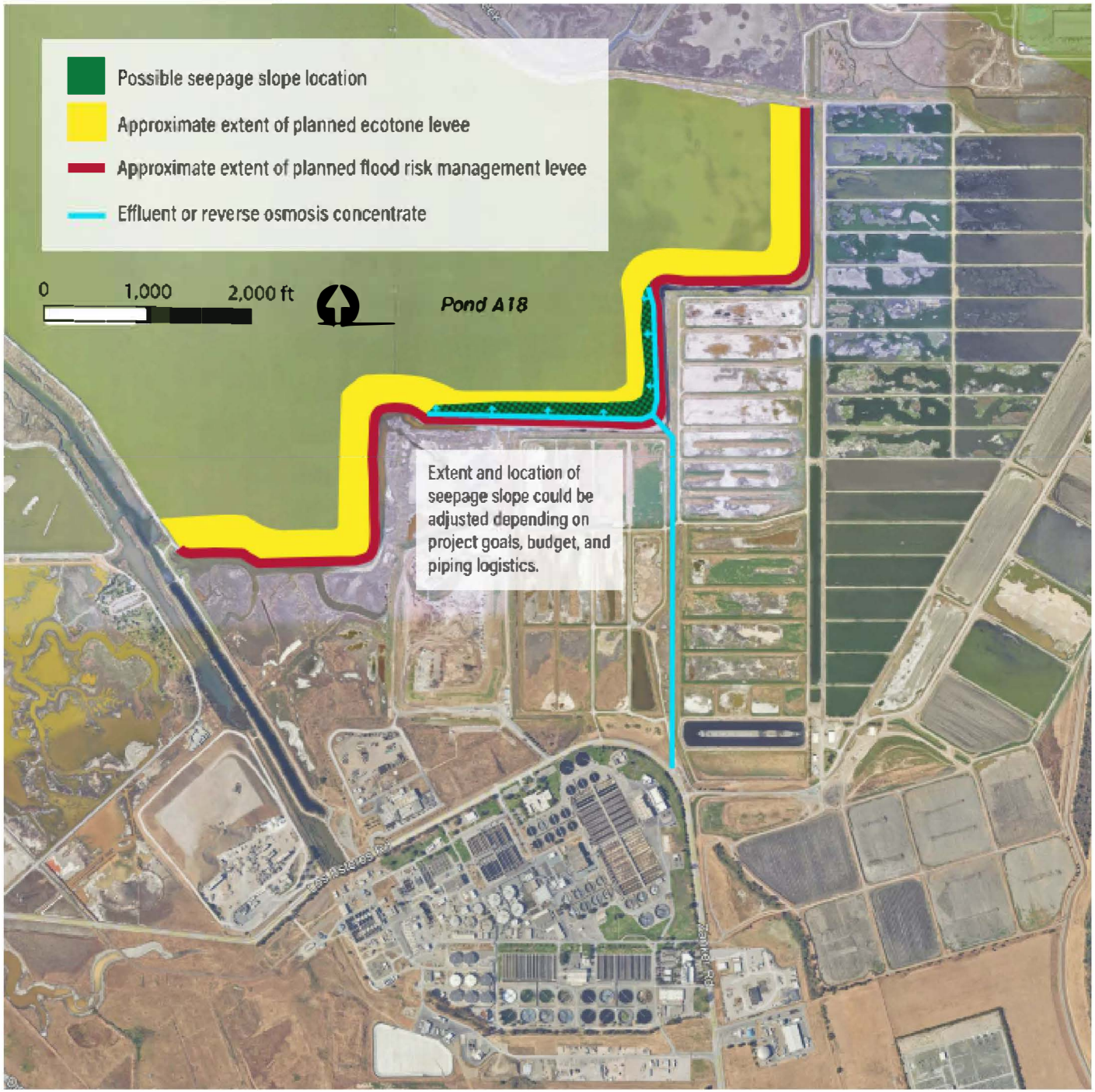
Exhibit A -
Project Location Map

Task 2.1 Potential Horizontal levee alignment at San José



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Task 2.2 EBDA first mile alignment

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Task 2.3 MVSD Moorhen Marsh Aerial

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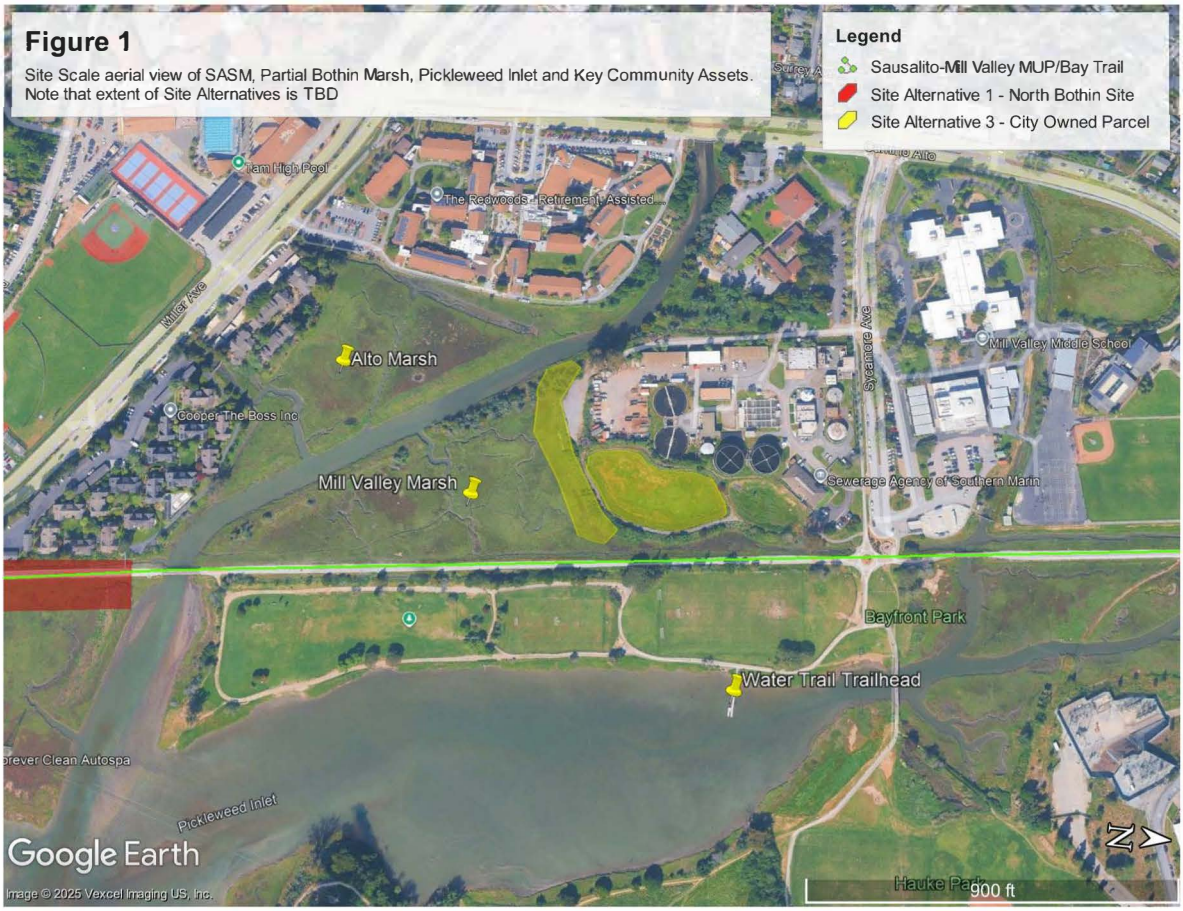
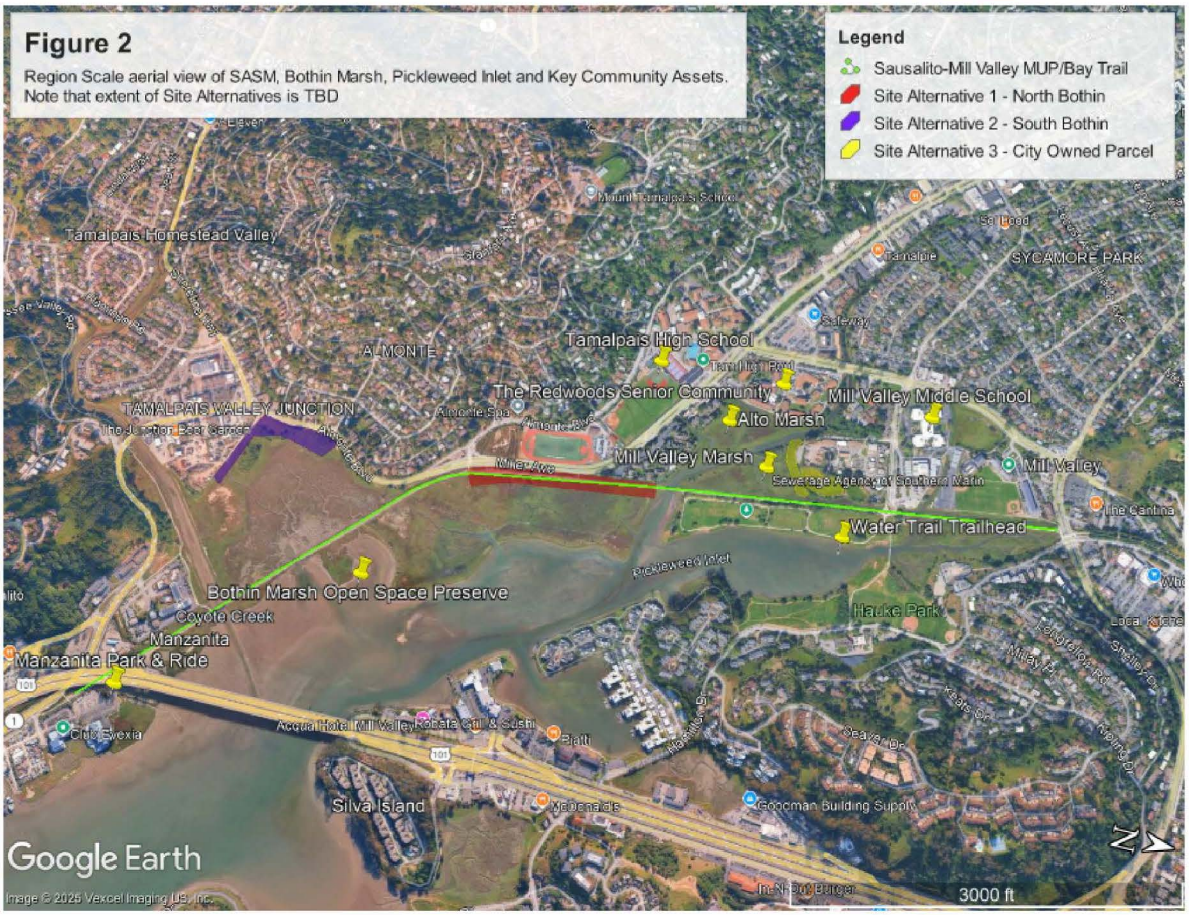
Task 2.4 SASM potential horizotal levee locations





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Clean Water Together:
A Coalition Proposal for Regional Nutrient Solutions
BUDGET DETAIL

Clean Water Together is a coalition proposal led by the Bay Area Clean Water Agencies, and includes 8 subawardees, and include the following entities:

- San Francisco Estuary Partnership (SFEP)
- Central Contra Costa Sanitation District (Central San)
- Dublin San Ramon Services District (DSRSD)
- City of South San Francisco (SSF)
- City of Burlingame
- East Bay Dischargers Authority (EBDA)
- Mt. View Sanitary District (MVSD)
- Sanitation Agency of Southern Marin (SASM)

Budget summary:

i. TOTAL DIRECT COSTS	**$26,099,429**
j. INDIRECT COSTS	**$0**
k. TOTAL PROPOSED COSTS	**$26,099,429**
FEDERAL FUNDS REQUESTED	**$19,561,577**
RECIPIENT SHARE (MATCH)	**$6,537,852**
RECIPIENT SHARE OF TOTAL PROPOSED COSTS	**25%**
FEDERAL SHARE OF TOTAL PROPOSED COSTS	**75%**

Budget detail by task, with subawardees indicated.

Task 1.1 Piloting densified activated sludge (DAS) in conjunction with membrane aerated bioreactor (MABR) at Central Contra Costa Sanitary District
Subawardee: Central San

Category	**Federal Amount Requested**	**Match**	**Describe how cost is calculated**
personnel	$100,000	-	1 @ 200,000 x 0.5 work years
fringe benefits	$156,000	-	base rate x 1.56 multiplier
Travel		-	none
Equipment	$1,800,000	-	invoices for DAS construction equipment
Supplies	-	-	none
contractual	$3,000,000	$2,500,000	Process installation, competitively bid per Central San's contracting policies.
Other	-	-	none
indirect charges	-	-	none
Total	**$5,056,000.00**	**$2,500,000.00**	

Task 1.2 Piloting MABR at Dublin San Ramon Services District (DSRSD)
Subawardee: DSRSD

Category	**Federal Amount Requested**	**Match**	**Describe how cost is calculated**
Personnel	-	$111,290	Average salary $187,037 at 0.6 work years. (Costs for 15 individual staff available upon request)
fringe benefits	-	$37,248	Depending upon the fringe benefits, some are calculated based on a percentage of salary, while other are based on the DSRSD's premium for the benefit level selected by the employee. Fringe benefits range from 25% to 52% of an employee's base salary.
Travel	-	-	None
Equipment	-	-	None
supplies	$1,464	-	Lab sampling and analytical supplies, testing reagents
contractual	$1,236,035	$263,965	Competitively Bid: Installation costs, and professional services, in accordance with DSRSD contracting policy
other	$937,500	$312,500	Competitively bid: Rental Costs for MABR Container
indirect charges	-	-	None
total	**$2,174,999**	**$725,003**	

Task 1.3 Piloting DAS at South San Francisco/San Bruno Water Quality Control Plant
Subawardee: SSF

Category	**Federal Amount Requested**	**Match**	**Describe how cost is calculated**
personnel	-	$169,166	2@$237,000 x 0.14 work years = $64,800; 2@$178,000 x 0.24 work years = $86,400; 5@$143,000 x 0.09 work years = $61,440
fringe benefits	-	$126,874	0.75 fringe benefits
Travel	-	$8,000	Travel for conference (4 ppl x 2 conferences x $1,000 travel/pp)
Equipment	-	$37,000	Utilities and Space
Supplies	-	$27,000	Lab supplies, public outreach material
contractual	$1,478,000	$130,000	Engineering design and consulting, process support, workshops / meetings, construction, procured via SSF's contracting policies
Other	-	-	None
indirect charges	-	-	None
Total	**$1,478,000**	**$498,040**	

Task 1.4 1.4 Design of membrane bioreactor (MBR) at the City of Burlingame Wastewater Treatment Facility
Subawardee: City of Burlingame

Category	**Federal Amount Requested**	**Match**	**Describe how cost is calculated**
personnel		$184,230	0.9 work years for engineer x base salary of $204,700.
fringe benefits		$59,000	base rate x multiplier = 32%
travel	-	-	
equipment	-	-	
supplies	-	-	
contractual	$2,511,100	$786,800	All solicitations in accordance with City of Burlingame contracting policies: MBR process design including biological nutrient removal configuration, membrane selection and sizing, and integration with existing plant infrastructure; Civil, structural, mechanical, and electrical design; Development of construction-ready plans and specifications; Environmental review and regulatory permitting coordination
other	-	-	None
indirect charges	-	-	none
total	**$2,511,100**	**$1,030,030**	

Task 2.1 Advance implementation of smaller-footprint NBS for nutrient removal in the South Bay.
Subawardee: SFEP

Category	Federal Grant requested	Match	Describe how cost is calculated
personnel	$229,932		For SFEP (request): Planner IIIs for project staff and contract management (1.05 work years at $181,755 / year) and Principal for project management (0.15 work years at $209,701 /year)
		$193,010 (San Jose match)	City of San Jose (match) - rates are fully loaded : Deputy Director (.09 work years at $415,960 / year); Senior Env. Program Manager (0.24 work years at $318,570 / year); Supervising Env. Specialist (0.15 work years at $293,180 / year); Wastewater Superintendent (0.02 work years at $298,530 / year); Wastewater foreperson (0.03 work years at $264,770 / year); Wastewater operator III (0.05 work years at $236,190 / year); Analyst - procurement and contracts (0.02 work years at $235,350 / year); Analyst – budget (0.02 work years at $235,350 /year)
		$78,315 (Valley Water match)	Valley Water (match) -These rates are fully burdened hours: Unit Manager (.06 work years at $219,440 / year); Senior Engineer (.13 work years at $186,930 / year); Associate Engineer (.16 work years at $146,058 / year; Assistant Engineer II-Temporary Staff (.09 work years at $123,926 / year; Graduate Interns (.12 work years at $64,938)
fringe benefits	$114,966		For SFEP, 50% of personnel cost

travel	$5,000		Mileage reimbursement for in-person meetings and site tours ($1000); conference travel to share lessons learned for 2 staff ($4000)
equipment	-	$65,000	Valley Water (match): RO Skid O&M to produce HRRO for Testing at OLSD project site, etc.
supplies	-	$95,000	Valley Water (match): Various test supplies, field support items and 3rd party water quality lab testing
contractual	$1,403,950	$185,000	**All procured via competitive bids in accordance with MTC-ABAG and EPA procurement policies**
			Development of governance agreement between City of San Jose and Valley Water: $200,000
			Long term operations and maintenance assessment (includes: Scenario analysis; Decision-support tool; Memo of optimal NBS monitoring and sensors): $450,000
			Comprehensive feasibility analysis (includes: Cost-effectiveness assessment; Fatal flaw analysis report; Assessment new NSB synergy with existing and planned adaptation projects; Feasibility assessment of sending centrate-ROC mixture into an NBS system): $553,950
			Community engagement consultant: $75,000
			Regulatory design charette and engagement strategy: $125,000
			Valley Water (matching funds): $90,000 for ROC, treated wastewater/decant transport from RWF to OLSD, $10,000 for storage tank rental to store ROC, treated wastewater/decant at OLSD, $85,000 Analytical / Site Surveys / Geo/Soil testing

other	$810,000		SFEP subaward to UC Berkeley for engineering design optimization investigations: $800,000
			Honorariums for expert guidance: $10,000
indirect charges	$236,152		SFEP approved Negotiated Indirect Cost Rate Agreement 68.47% for FY 25-26
Total	**$2,800,000**	**$616,325**	

Task 2.2 Shovel-ready the First Mile Horizontal Levee Project
Subawardee: EBDA and SFEP

Category	**Federal Grant requested (SFEP)**	**Federal Grant requested (EBDA)**	**Federal Grant requested (Total)**	**Match (EBDA)**	**Describe how cost is calculated**
personnel	$202,045	$-	**$202,045**	$172,321	For SFEP (Grant request column): 0.15 work years for Principal, 0.45 work years for Planner III (2)
					For EBDA General Manager (Match column): 0.6 work Years
fringe benefits	$101,022	$-	**$101,022**	$103,889	For SFEP (Grant request column): $202,045 x 50%
					For EBDA General Manager (Match column): Based on projected actual benefits costs for 0.6 work Years
travel	$2000	-	**$2000**		
equipment	-	-	**-**		None
supplies	-	-	**-**		None
contractual		$1,260,000	**$1,260,000**		EBDA subcontract for design and permitting. Previous procurement via RFP.
other	$640,000		**$640,000**		SFEP sub-subawards for community engagement, tribal engagement, and education programming.
indirect charges	$207,511		**$207,511**		SFEP approved Negotiated Indirect Cost Rate Agreement 68.47% for FY 25-26
Total	$1,152,578	$1,260,000	**$2,412,578**	**$276,210**	

Task 2.3 Enhance the Moorhen Marsh polishing wetland
Subawardee: Mt. View

Category	Federal Amount Requested	**Match**	**Describe how cost is calculated**
personnel	-	135000	1@$118,079 x 0.30 work years; 1@$238,760 x 0.04 work years; 1@$178,074 x 0.22 work years; 1@$113,200 x 0.44 work years
fringe benefits	-	-	None
travel	-	-	None
equipment	375000	-	Floating treatment islands $100,000; water quality monitoring stations $50,000; aeration units $225,000
supplies	25000	-	Water quality monitoring equipment $25,000
contractual	-	-	None
other	-	-	None
indirect charges	-	-	None
total	**$400,000**	**$135,000**	

Task 2.4 Bothin Marsh Horizontal Levee Feasibility Assessment at the Sewer Agency of Southern Marin
Subawardee: SASM

Category	**Federal Amount Requested**	**Match**	**Describe how cost is calculated**
personnel	-	$21,444	1ea @ 0.1 work years @ $214,440
fringe benefits	-	$6,690	base rate x 31.2%
travel	-	-	
equipment	-	-	
supplies	-	$2,000	Estimate of Printed Materials for Stakeholder Engagement Sessions
contractual	$330,000	$75,000	Grant: Alternative Analysis, Stakeholder engagement meeting preparation, and regulatory consultations procured by RFP; Match: $20,000 from City of Mill Valley's Shoreline Adaptation Plan Grant outreach funds; determined value by city staff. $55,000 from SASM's alternative analysis based on Table of values and being one of five overall projects considered.
other	-	-	None
indirect charges	-	-	None
total	**$330,000**	**$105,134**	

Task 3.1 Develop a nutrient trading program to facilitate regional coordination and reduce nutrient removal costs
Led by BACWA

Category	**Federal Amount Requested**	**Match**	**Describe how cost is calculated**
personnel	-	-	None
fringe benefits	-	-	None
Travel	-	-	None
Equipment	-	-	None
Supplies	-	-	None
contractual	$1,097,000	$510,000	$597,000 for point-to-point trading program establishment, bid through previous RFP per BACWA contracting policy; $500,000 for piloting trades and green engineering to be piloted via RFP; $510,000 match from BACWA Regional Study, previously procured via RFP
Other	-	-	None
indirect charges	-	-	None
Total	**$1,097,000**	**$510,000**	

Task 3.2 Strengthen regional institutional capacity and technology transfer
Subawardee: SFEP

Category	**Federal Amount Requested**	**Match**	**Describe how cost is calculated**
personnel	$213,387	$25,000	For SFEP (request): Planner IIIs for project staff and contract management (1.08 years at $181,755 / year) and Principal for project management (0.9 work years at $209,701 /year); Match from Google: for SFEP staff time
fringe benefits	$106,694	-	For SFEP, 50% of personnel cost
Travel	$2,000	-	Mileage reimbursement for in-person meetings and site tours ($1000); local conference travel to share lessons learned ($1000)
Equipment	-	-	None
Supplies	$2,000	-	Meeting supplies, posters, handouts, One Water Network website hosting
contractual	$211,760	$85,000	**All procured via competitive bids in accordance with MTC-ABAG and EPA procurement policies**
			Grant request: Consultant for Bay Area One Water Network planning, facilitation, charter and membership structure development
			Match from Google: Consultant for Bay Area One Water Network South Bay project criteria development
Other	$45,000	-	Honorariums for expert contributions ($10,000)
			Subaward to CA Sea Grant State Fellows program for Fellow (0.5 work years at $90,000)
indirect charges	$219,159	-	SFEP approved Negotiated Indirect Cost Rate Agreement 68.47% for FY 25-26
Total	**$800,000**	**$110,000**	

Task 3.3 Regional Wastewater Treatment Technology Transfer and Infoshare
Led by BACWA

Category	**Federal Amount Requested**	**Match**	**Describe how cost is calculated**
personnel	-	$24,700	ED @$247,000/yr x 0.1 work years =$12,350
fringe benefits	-	$7,410	30% of personnel costs
travel	-	-	None
equipment	-	-	None
supplies	-	-	None
contractual	-	-	None
other	-	-	None
indirect charges	-	-	None
total	**$0**	**$32,110**	

Task 4.1 Project management
Led by BACWA with Subawardee: SFEP

Category	**Federal Grant requested (BACWA)**	**Federal Grant requested (SFEP)**	**Federal Grant requested (Total)**	**Match**	**Describe how cost is calculated**
personnel	$63,000	$59,358	**$122,358**		Assistant ED@ $140,000/yr x 0.45 work years = $63,000; For SFEP (request): Planner IIIs for partner coordination and contract management (0.27 years at $181,755 / year) and Principal for strategic administrative support (0.06 years at $209,701 /year)
fringe benefits	$18,900	$29,679	**$48,579**	-	30% of personnel costs for BACWA; 50% for SFEP
travel		-	**-**	-	none
equipment		-	**-**	-	none
supplies		-	**-**	-	none
contractual	$270,000	-	**$270,000**	-	$120,000 for QUAPP support; $150,000 for accounting and reporting support, to be procured via RFP in accordance with BACWA contracting policy
other	-	-	**-**	-	none
indirect charges	**-**	$60,963	**$60,963**	-	SFEP approved Negotiated Indirect Cost Rate Agreement 68.47% for FY 25-26
Total	$351,900	$150,000	**$501,900**	**$0**	none

Letters of Support for

Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions

Submitted to US EPA SF Bay Program
Funding Opportunity Number: EPA-R9-SFBay-26-01

A Bay Area Clean Water Agencies Coalition Proposal

This document contains letters of commitment from the project subawardees:

- Central Contra Costa Sanitary District
- City of Burlingame
- City of South San Francisco
- Dublin San Ramon Services District
- East Bay Discharger Authority
- Mt. View Sanitation District
- San Francisco Estuary Partnership
- Sewerage Agency of Southern Marin

This document also contains letters of support from the following entities:

- Alameda County Flood Control and Water Conservation District
- California Association of Sanitation Agencies
- Central San Support for DSRSD project
- City of Dublin
- City of Hayward
- City of Livermore
- City of Mill Valley
- City of Millbrae
- City of Morgan Hill
- City of Mountain View
- City of Palo Alto
- City of San Bruno
- City of San José
- City of San Leandro
- City of San Ramon
- City of Sunnyvale
- Contra Costa Resource Conservation District
- DSRSD Support for Central San
- DSRSD-EBMUD Recycled Water Authority
- East Bay Leadership Council
- East Bay Municipal Utility District
- East Bay Regional Parks District
- Greenbelt Alliance
- Hayward Area Shoreline Planning Agency
- Livermore Amador Valley Water Management Agency
- Marin County Bicycle Coalition
- Marin County Open Space District
- Oro Loma Sanitary District
- Plantify
- Representative Mark Desaulnier (CA-10)
- San Francisco Bay Nutrient Management Strategy (NMS)
- San Francisco Bay Water Board
- Save The Bay
- Silicon Valley Clean Water
- Stanford University
- Teach Earth Action
- Transportation Authority of Marin
- UC Berkeley
- Valley Water
- Zone 7 Water Agency

CENTRAL SAN
CENTRAL CONTRA COSTA SANITARY DISTRICT 5019 IMHOFF PLACE, MARTINEZ, CA 94553-4392

February 24, 2026

PHONE: (925) 228-9500
www.centralsan.org

ROGER S. BAILEY
General Manager

J. LEAH CASTELLA
Counsel for the District
(415) 640-8903

KATIE YOUNG
Secretary of the District, CMC

United States Environmental Protection Agency (USEPA)
Region 9 (WTR-2-2)
Attn: Luisa Valiela
Fiscal Year 2025 San Francisco Bay Geographic Program Office
Proposal Review Committee
75 Hawthorne Street
San Francisco, CA 94105

SUBJECT: SUPPORT FROM CENTRAL CONTRA COSTA SANITARY DISTRICT (CENTRAL SAN) FOR THE BAY AREA CLEAN WATER AGENCIES' (BACWA) CLEAN WATER TOGETHER PROPOSAL

Dear San Francisco Bay Geographic Program Office Proposal Reviewer:

On behalf of Central San, I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, and City of Burlingame, in response to the USEPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this critical initiative.

Central San is a special district of the State of California that provides wastewater collection, treatment, and disposal services; recycled water production and distribution; and household hazardous waste collection. Central San serves nearly 500,000 residents and more than 15,000 businesses. As a partner and subrecipient to BACWA's application to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0, Central San will develop a demonstration-scale Membrane Aerated Biofilm Reactor (MABR) facility, following a successful pilot phase. MABR technology has the potential to provide significant nutrient removal capacity within a treatment plant's existing tankage, helping save hundreds of millions compared to conventional treatment methods. The project will include the design and

evaluation of densified activated sludge (DAS) as a complementary strategy to MABR to optimize nitrogen removal performance, reduce lifecycle costs, and increase the facility's capacity for nutrient reduction using existing tankage. Knowledge from the project will be valuable to both Central San and our partners across the Bay Area as we collectively pursue cost-effective nutrient treatment methods to protect the health of our ecosystem.

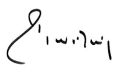
We are particularly supportive of the diverse approaches outlined in the BACWA proposal, which include:

- Process Intensification: Piloting advanced technologies MABR and DAS to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding;
- Nature-Based Solutions (NBS): Advancing projects like the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing alongside habitat enhancement and flood resilience; and
- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently.

Central San recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

Central San fully supports this collaborative effort to protect our estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the USEPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at rbailey@centralsan.org or 925-229-7386.

Sincerely,



Roger S. Bailey
General Manager
Central Contra Costa Sanitary District

The City of Burlingame

OFFICE OF THE
CITY MANAGER

CITY HALL — 501 PRIMROSE ROAD
BURLINGAME, CALIFORNIA 94010-3997

TEL: (650) 558-7204

February 20, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: FY 2026 San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from City of Burlingame for BACWA's Clean Water Together Proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of the City of Burlingame, I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this important initiative.

The City of Burlingame Public Works Department operates a wastewater treatment plant serving approximately 31,000 residents. Knowledge gained from this MBR design project will be valuable to Burlingame in developing cost-effective strategies for meeting Regional Water Quality Control Board nutrient reduction requirements while simultaneously advancing the City's water supply resiliency goals through recycled water development. The City of Burlingame is delighted to collaborate on this important work in the manner specified in the proposal. Burlingame will complete the design of a Membrane Bioreactor system to achieve enhanced nutrient removal and produce high-quality effluent suitable for future water recycling applications, with the City providing about 30% in matching funds from the Sewer Enterprise Fund.

We are particularly supportive of the diverse approaches outlined in the proposal, which include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding.

- Nature-Based Solutions (NBS): Advancing projects like the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing alongside habitat enhancement and flood resilience.

- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently.

The City of Burlingame recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

The City of Burlingame fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me or Mahesh Yedluri at 650-558-7230.

Sincerely,

Lisa K. Goldman
City Manager

February 24, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: FY 2026 San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from **City of South San Francisco** for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of the **City of South San Francisco,** I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this important initiative.

The City of South San Francisco operates a regional Water Quality Control Plant (WQCP) serving residential, commercial, and industrial customers, including disadvantaged communities within our service area. Knowledge gained from full-scale demonstration of DAS at the WQCP will support cost-effective nutrient removal strategies that protect public health and the environment, while minimizing infrastructure and helping to maintain affordable sewer rates for our community.

The City of South San Francisco is pleased to collaborate on this important work in the manner specified in the proposal. The City will provide approximately 25% matching contributions

($500K) through staff labor and support for project design, equipment procurement, pilot operation, monitoring, preparation of technical reports and knowledge transfer.

We are particularly supportive of the diverse approaches outlined in the proposal, which include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding.

- Nature-Based Solutions (NBS): Advancing projects like the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing alongside habitat enhancement and flood resilience.

- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently

City of South San Francisco recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

City of South San Francisco fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at Laura.Snideman@ssfca.gov

Sincerely,

Laura Snideman
City Manager, South San Francisco
Contact Information laura.snideman@ssfca.gov

cc: Eunejune Kim, Director of Public Works/City Engineer, City of South San Francisco
Brian Schumacker, Plant Superintendent, Project Manager – Chief Plant Operator, Grade V
City of South San Francisco Public Works Department, South San Francisco – San Bruno Water Quality Control Plant Division, City of South San Francisco

Dublin San Ramon Services District
Water, wastewater, recycled water

Regional Wastewater Treatment Facility
7399 Johnson Drive
Pleasanton, CA 94588-3862

main (925) 846-4565
fax (925) 462-0658
www.dsrsd.com

02/24/2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: 2026 San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from Dublin San Ramon Services District for BACWA's Clean Water Together Proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of the Dublin San Ramon Services District, I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this important initiative.

Dublin San Ramon Services District (DSRSD) serves approximately 194,600 residents in Dublin, San Ramon, and, by contract, Pleasanton. The District operates three primary enterprises: local wastewater collection in Dublin and southwest San Ramon; regional wastewater treatment and disposal for Dublin, southwest San Ramon, and Pleasanton through a contractual partnership; and potable water service for Dublin and the Dougherty Valley area of San Ramon.

As a sub-awardee under the Bay Area Clean Water Agencies (BACWA) Clean Water Together proposal, DSRSD shares the regional objective of reducing nutrient loads to San Francisco Bay. This project offers opportunities for coordinated research, operational learning, and technology evaluation.

We are particularly supportive of the diverse approaches outlined in the proposal, which include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding.
- Nature-Based Solutions (NBS): Advancing projects like the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing alongside habitat enhancement and flood resilience.
- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently

Dublin San Ramon Services District recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

Dublin San Ramon Services District fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at dgill@dsrsd.com or (925) 875- 2345.

Sincerely,

Dan Gill
Operations Director
Dublin San Ramon Services District

EBDA
East Bay Dischargers Authority
50 years of protecting the SF Bay
1974 – 2024

February 20, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: 2026 San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from East Bay Dischargers Authority for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of the East Bay Dischargers Authority (EBDA), I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, and City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this important initiative.

EBDA is a joint powers authority made up of the Cities of San Leandro and Hayward, and the Castro Valley, Oro Loma, and Union Sanitary Districts. Including contract flows from the Livermore-Amador Valley Water Management Agency, EBDA manages the sustainable disposal of wastewater from one million East Bay residents and businesses to San Francisco Bay. EBDA has been a leader in championing multi-benefit shoreline adaptation projects that remove nutrients while providing flood protection and

enhancing habitat resilience, including the Oro Loma Horizontal Levee Pilot and the First Mile Horizontal Levee Project.

Under the proposed grant, EBDA looks forward to continuing our leadership on the First Mile Horizontal Levee Project, working with partners to finalize the design and permitting for this first-of-its-scale project to bring it to "shovel-ready." This project has benefitted from EPA's stewardship to date, with the Water Quality Improvement Fund supporting the 30% and 60% design phases. EBDA's proven track-record as a subawardee on the Transforming Shorelines and Pivot Point grants demonstrates our readiness to complete the design with this funding. As part of the proposed project, EBDA is pledging $278,000 as an in-kind contribution, representing staff time, to be used as match to EPA's funds.

Through its innovative design and permitting strategies, the First Mile is paving the way for other multi-benefit nature-based solutions, including the work of Mt. View Sanitary District and Santa Clara Valley Water District proposed here. We envision continued cross-support and coordination in this phase.

EBDA is also very supportive of and would directly benefit from the diverse, innovative nutrient reduction and management approaches outlined in the proposal, including:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding. EBDA particularly supports Dublin San Ramon Services District's efforts to pilot innovative technology, which would reduce total inorganic nitrogen discharged through EBDA's outfall.
- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently.

EBDA recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

EBDA fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at jzipkin@ebda.org.

Sincerely,

Jacqueline Zipkin, P.E.
General Manager

EAST BAY DISCHARGERS AUTHORITY
A Joint Powers Public Agency

2651 Grant Avenue | San Lorenzo, CA 94580-1841 | (510) 278-5910 | (510) 278-6547 (fax)

February 24, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: 2026 San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from Mt. View Sanitary District for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

I write on behalf of Mt. View Sanitary District (MVSD) to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA. MVSD is proud to join with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Sanitation Agency of Southern Marin, and the City of Burlingame in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay. This collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally.

MVSD serves a population of 22,000 in unincorporated Contra Costa County and Martinez. The District was the first wastewater facility on the West Coast to use a constructed wetland to help polish nutrients and has continued to pioneer nature-based wastewater solutions. MVSD is excited to work with BACWA as a subrecipient on the project.

MVSD will reduce nutrient load in its outflow using additional floating treatment islands and strategically placed solar aeration units. These islands will provide surfaces for native plants whose root masses will remove nutrients from MVSD's treated wastewater, improving the water quality downstream in the San Francisco and Suisun Bays and preventing harmful algal blooms. As the Bay Area's only district using floating treatment islands for nutrient reduction, MVSD will both use its findings to optimize its own ponds for nutrient removal and share its findings with other applicants to drive adoption of ecologically friendly wastewater treatment practices.

We are particularly supportive of incorporating our work into the diverse approaches of our partners, whose projects include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding.
- Nature-Based Solutions (NBS): Advancing projects like the "First Mile" Horizontal Levee
- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently

Mt. View Sanitary District recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

Mt. View Sanitary District fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at lcorona@mvsd.org.

Sincerely,

Lilia Corona, General Manager
Mt. View Sanitary District
lcorona@mvsd.org
925-228-5635 x32

San Francisco
ESTUARY
PARTNERSHIP
sfestuary.org

February 20, 2026

Attn: Luisa Valiela | Program Lead

US EPA Region 9, Watersheds Office
75 Hawthorne Street
San Francisco, CA 94105

Subject: Support from the San Francisco Estuary Partnership for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of the San Francisco Estuary Partnership, I am writing to express our support of and partnership in the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA. The Estuary Partnership is one of the partners in the proposal, along with partners at Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, and City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a vital – and viable – collective path toward sustainable nutrient management.

The Estuary Partnership is one of 28 National Estuary Programs, established under the Clean Water Act in 1988. The Estuary Partnership works to protect and restore the San Francisco Estuary, and is guided by the development and implementation of the San Francisco Estuary Blueprint, a comprehensive collaborative action plan for the Estuary's future.

Through on-the-ground project implementation, targeted research, regional technology transfer, and the creation of a nutrient trading program, this project will directly address critical Actions and Tasks in the Estuary Blueprint by enabling publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, region-wide nutrient and contaminant management strategies. This project will result in measurable reductions in nutrient loading, leading to better water quality in the Bay, along with additional important outcomes for shoreline habitat provision, flood risk reduction, and regional water security. In addition, this project will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this important initiative.

The San Francisco Estuary Partnership is involved with this project in several ways: as a subawardee, it will provide organizational and strategic administrative support to BACWA to leverage the Estuary Partnership's experience with many multi-partner, complex, federally-funded Clean Water projects; it will coordinate and engage in tasks related to the planning and implementation of multi-benefit nature-based solutions for nutrient management at the First Mile project and in the South Bay, as well as collaborate with regulatory agencies and local communities to forge permitting pathways for these innovative projects; and it will lead regional institutional capacity-building and technology transfer for advancing innovative, cross-jurisdictional nature- and market-based clean water initiatives through the Bay Area One Water Network and the Transforming Shorelines Collaborative. Collectively, this proposal will advance the implementation of several actions in the Estuary Blueprint, including Action 20 "Advance nutrient management", Action 21 "Address emerging contaminants in the Estuary's waters", Action 21 "Expand the use of recycled water", and Action 4 "Implement adaptation projects that prioritize natural and nature-based strategies" and others.

The San Francisco Estuary Partnership recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

The proposed project fulfills a critical need for the San Francisco Estuary. We urge your support of this timely and impactful proposal for clean water and a healthy San Francisco Bay. If you have any questions, please do not hesitate to contact me at caitlin.sweeney@sfestuary.org.

Sincerely,

Caitlin Sweeney | Director

Caitlin.sweeney@sfestuary.org

sfestuary.org

SASM
SEWERAGE AGENCY OF SOUTHERN MARIN

A Joint Powers Agency
- Almonte S.D.
- Alto S.D.
- City of Mill Valley
- Homestead Valley S.D.
- Richardson Bay S.D.
- Tamalpais C.S.D.

February 25, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: FY 2026 San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from Sewerage Agency of Southern Marin for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of the Sewerage Agency of Southern Marin (SASM), I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this important initiative.

SASM will benefit from this project both directly and indirectly. By potentially having an alternative analysis funded, we could understand whether a horizontal levee could provide nutrient reduction benefits, sea level rise adaptation, flood protection, and habitat transition zones in Mill Valley. Additionally other nature-based solution projects reaching shovel ready condition will help us further our ability to forecast the requirements for actually building a project of this scale in our region.

We are particularly supportive of the diverse approaches outlined in the proposal, which include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding.

- Nature-Based Solutions (NBS): Advancing projects like the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing alongside habitat enhancement and flood resilience.

- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently

SASM recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

SASM fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at 415-686-3869.

Sincerely,

Mark Neumann
General Manager
SASM
415.686.3869
mneumann@cityofmillvalley.gov

Flood Control & Water Conservation DISTRICT

Daniel Woldesenbet, Ph.D, P.E, Director

399 Elmhurst Street • Hayward, CA 94544 • (510) 670-5480 • www.acpwa.org

February 12, 2026

US EPA Region 9 (WTR-2-2)
75 Hawthorne Street
San Francisco, CA 94105

Attention: Luisa Valiela
FY 2022 San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from Alameda County Flood Control and Water Conservation District for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of the Alameda County Flood Control and Water Conservation District (District), I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by the Bay Area Clean Water Agencies (BACWA), with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, and City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this important initiative.

We are particularly supportive of the diverse approaches outlined in the proposal, which include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding.

- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently.

- Nature-Based Solutions (NBS): Advancing projects like the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing alongside habitat enhancement and flood resilience.

The District is collaborating closely with the East Bay Dischargers Authority and other partners on the First Mile Horizontal Levee Project, and we strongly support this proposal to help bring that multi-benefit project to fruition. We see the First Mile Project as a critical opportunity to enhance shoreline resilience and flood protection in Alameda County, and it is well-aligned with our long-term planning for the area.

The District recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

The District fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at (510) 670-6549; e-mail: moses@acpwa.org.

Sincerely,

DocuSigned by:
Moses Tsang
4FE8D95F203C423...

Moses Tsang, P.E.
Deputy Director
Flood Control Program

CALIFORNIA ASSOCIATION of SANITATION AGENCIES

925 L Street, Suite 200 • Sacramento, CA 95814 • TEL: (916) 446-0388 • www.CASAweb.org

February 24, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
FY 2022 San Francisco Bay Geographic Program Office Proposal Review Committee
75 Hawthorne Street
San Francisco, CA 94105

Subject: CASA Support for BACWA's "Clean Water Together" Proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of CASA**,** I am writing to express our support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by the Bay Area Clean Water Association (BACWA), with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. CASA represents more than 150 public agencies and municipalities in California that engage in wastewater collection, treatment, recycling, and resource recovery. Our vision is to advance sound public policy and shape programs that empower the clean water community to drive sustainability, protect public health, and advance circular water solutions.

As a region and a state, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management. Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area, the state, and across the nation. We respectfully request your support for this important initiative.

We are particularly supportive of the diverse approaches outlined in the proposal, which include process Intensification and piloting advanced technologies, nature-based solutions, and market-based solutions.

CASA is a long-standing partner with BACWA through the Clean Water Summit Partners as well as several joint initiatives that benefit clean water agencies across the state. We recognize BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

CASA supports this collaborative effort to protect the environment while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at alink@casaweb.org or (916) 446-0388.

Sincerely,

Adam D. Link, Executive Director
California Association of Sanitation Agencies (CASA)

CENTRAL SAN
CENTRAL CONTRA COSTA SANITARY DISTRICT 5019 IMHOFF PLACE, MARTINEZ, CA 94553-4392

February 24, 2026

PHONE: (925) 228-9500
www.centralsan.org

ROGER S. BAILEY
General Manager

J. LEAH CASTELLA
Counsel for the District
(415) 640-8903

KATIE YOUNG
Secretary of the District, CMC

United States Environmental Protection Agency (USEPA)
Region 9 (WTR-2-2)
Attn: Luisa Valiela
Fiscal Year 2026 San Francisco Bay Geographic Program Office
Proposal Review Committee
75 Hawthorne Street
San Francisco, CA 94105

SUBJECT: SUPPORT FROM CENTRAL CONTRA COSTA SANITARY DISTRICT (CENTRAL SAN) FOR THE BAY AREA CLEAN WATER AGENCIES' (BACWA) CLEAN WATER TOGETHER PROPOSAL

Dear San Francisco Bay Geographic Program Office Proposal Reviewer:

On behalf of Central San, I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, and City of Burlingame, in response to the USEPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this critical initiative.

Central San is a special district of the State of California that provides wastewater collection, treatment, and disposal services; recycled water production and distribution; and household hazardous waste collection. Central San serves nearly 500,000 residents and more than 15,000 businesses.

As a sub-awardee under the BACWA Clean Water Together Proposal, Central San shares the regional objective of reducing nutrient loads to San Francisco Bay. Central San supports the Dublin San Ramon Services District's pilot project to implement Membrane Aerated Biofilm Reactor (MABR) technology in conjunction with its recycled water program to meet final Total

Inorganic Nitrogen (TIN) targets by reducing nutrient discharge. The project will quantify nutrient reductions, benchmark energy use, assess improvements to recycled water treatment and quality, and validate a siting strategy. The knowledge gained from this project will be valuable to Central San as we collectively reduce nutrient output to the San Francisco Bay and local watersheds.

We are particularly supportive of the diverse approaches outlined in the BACWA proposal, which include:

- Process Intensification: Piloting advanced technologies like MABR and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding;
- Nature-Based Solutions (NBS): Advancing projects like the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing alongside habitat enhancement and flood resilience; and
- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently.

Central San recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

Central San fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the USEPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at gnorby@centralsan.org or 925-228-9500.

Sincerely,

Greg Norby

Greg Norby
Deputy General Manager, Engineering and Operations
Central Contra Costa Sanitary District

DUBLIN
CALIFORNIA
THE NEW
AMERICAN
BACKYARD

February 24, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: FY 2026 San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from the City of Dublin for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of the City of Dublin, I am writing to express our support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, and City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this important initiative.

The City of Dublin recognizes that nutrient reduction is essential for improving the health of the San Francisco Bay and preventing harmful algal blooms that threaten ecosystems and public health. The City of Dublin supports Dublin San Ramon Services District's (DSRSD) approach to piloting proven MABR technology and optimizing operational efficiencies to achieve significant nutrient reductions within the facilities existing footprint at a fraction of the cost of traditional methods while still providing recycled water that meets the needs of the community. This commitment to fiscal responsibility ensures that ratepayers benefit from environmental improvements without undue financial burden.

We are particularly supportive of the diverse approaches outlined in the proposal, which include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to

City Council
925.833.6650
City Manager
925.833.6650
Community Development
925.833.6610
Economic Development
925.833.6650
Finance/IT
925.833.6640
Fire Prevention
925.833.6606
Human Resources
925.833.6605
Parks & Community Services
925.833.6645
Police
925.833.6670
Public Works
925.833.6630

100 Civic Plaza
Dublin, CA 94568
P 925.833.6650
F 925.833.6651
www.dublin.ca.gov

reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding.

- Nature-Based Solutions (NBS): Advancing projects like the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing alongside habitat enhancement and flood resilience.

- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently.

The City of Dublin recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

The City of Dublin fully supports this collaborative effort. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at colleen.tribby@dublin.ca.gov or at 925-833-6650.

Sincerely,

Colleen Tribby
City Manager
City of Dublin

HAYWARD

February 23, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105
Attn: FY 2026 San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from City of Hayward for BACWA's Clean Water Together Proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of the City of Hayward, I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, and the City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this important initiative.

The City of Hayward is a member agency of the East Bay Dischargers Authority, of which Dublin San Ramon Services District is also a partner agency. Hayward and DSRSD share the same discharge outfall to the San Francisco Bay and the responsibility of protecting water quality in the Bay. Meeting the low nutrient limits mandated in the Regional Water Quality Control Board's Order R2-2024-0013 requires collaboration among the agencies and participating partners to achieve a combined 40% total inorganic nitrogen (TIN) reduction from 2022 TIN loads. Hayward is currently embarking on a significant project to meet the current permit requirements but is designing the project with future permits in mind, which may reduce nutrient limits even further. Hayward supports Dublin San Ramon Services District's (DSRSD's) MABR pilot project as an innovative, and cost-effective solution. MABR

technology offers a proven method for simultaneous nitrification and denitrification with lower energy use and operational costs compared to conventional systems. By piloting this technology, DSRSD will demonstrate a scalable solution that complements its recycled water operations, minimizes financial impacts on ratepayers and helps Hayward and sister agencies to stay below the San Francisco Regional Water Quality Board's 2034 TIN limit.

We are particularly supportive of the diverse approaches outlined in the proposal, which include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding. Though Hayward's current project does not include MABR or DAS, it is being designed to potentially accommodate either or both of these technologies in the future. Hayward sees MABR and DAS as potential ways to further reduce nutrients if required, and is interested in learning more about how these technologies work and how effective they are for our local partners.

- Nature-Based Solutions (NBS): Advancing projects like the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing alongside habitat enhancement and flood resilience. Hayward is currently in the preliminary design stage of an NBS project at our wastewater treatment plant that potentially includes both a horizontal levee and constructed treatment wetlands. Further research on and a greater understanding of these emerging technologies will enhance the effectiveness of our NBS project.

- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently. Hayward expects to meet and at first potentially exceed the requirements of Order R2-2024-0013 in advance of the compliance date. However, it is not clear that all bay area wastewater agencies will be able to do so. Market based solutions such as regional trading programs, if done correctly, are of interest to Hayward as a potential way to provide revenue, assist other agencies in ensuring regional compliance, and incentivize our plant to maximize nutrient removal.

Hayward recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

Hayward fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at alex.ameri@hayward-ca.gov or (510) 583-4720.

Sincerely,

Alex Ameri
Director of Public Works
City of Hayward

LIVERMORE
CALIFORNIA

February 24, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from the City of Livermore for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of the City of Livermore, I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this important initiative.

The City of Livermore provides wastewater, recycled water, and stormwater services to approximately 90,000 customers in eastern Alameda County. The City of Livermore recognizes that nutrient reduction is essential for improving the health of the San Francisco Bay and preventing harmful algal blooms that threaten ecosystems and public health. The City of Livermore supports Dublin San Ramon Services District's (DSRSD) approach to piloting proven MABR technology and optimizing operational efficiencies to achieve significant nutrient reductions within the facilities existing footprint at a fraction of

the cost of traditional methods while still providing recycled water that meets the needs of the community. This commitment to fiscal responsibility ensures that ratepayers benefit from environmental improvements without undue financial burden.

We are particularly supportive of the diverse approaches outlined in the proposal, which include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding.

- Nature-Based Solutions (NBS): Advancing projects like the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing alongside habitat enhancement and flood resilience.

- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently

The City of Livermore recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

The City of Livermore fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at awsmith@livermoreca.gov.

Sincerely,

Anthony Smith
Water Resources Division Manager
Public Works Department
City of Livermore

February 24, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: FY 2022 San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from the City of Mill Valley for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of the City of Mill Valley, I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Of the notable projects included in the grant, the Sewerage Agency of Southern Marin (SASM)'s feasibility study at North Bothin Marsh is of particular interest to Mill Valley. This project provides a multi-benefit solution for sea level rise adaptation, ecosystem restoration and adaptation, public access, and nutrient reduction.

Mill Valley is currently developing a Subregional Shoreline Adaptation Plan in compliance with California Senate Bill 272 and the Bay Conservation and Development Commission's (BCDC)

Regional Shoreline Adaptation Plan (RSAP) Guidelines. Critical to this work will be identifying possible adaptation strategies to protect against rising sea levels and creating a plan for funding and implementation of the named solutions. Partnering and collaborating with neighboring agencies and jurisdictions on multi-benefit projects, like the ecotone levee SASM is pursuing a feasibility study on, will put Mill Valley in the strongest position to successfully implement projects. While the City has not begun to address possible adaptation strategies with the community, we are confident that SASM's study would add great value to our process and help facilitate more informed discussions with the community, enhance our plan, and possibly help position the City for future funding opportunities.

The City of Mill Valley recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

Mill Valley fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at tcusimano@cityofmillvalley.gov.

Sincerely,

Todd Cusimano

Todd Cusimano, City Manager
City of Mill Valley
26 Corte Madera Avenue
Mill Valley, CA 94941

City of Millbrae

621 Magnolia Avenue, Millbrae, CA 94030

REUBEN D. HOLOBER
Mayor

STEPHEN RAINALDI
Vice Mayor

SISSY RILEY
Councilmember

BOB NGUYEN
Councilmember

ANDERS FUNG
Councilmember

February 24, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: FY 2026 San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from City of Millbrae for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of the City of Millbrae, I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership (SFEP), East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, and the City of Burlingame. The proposal was prepared in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-01.

As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this important initiative.

The City of Millbrae owns and operates a POTW which discharges to the San Francisco Bay via a joint outfall with San Bruno Water Quality Control Plant (WQCP). Therefore, the City of Millbrae has a close relationship with nutrient reductions that may be achieved at the WQCP. Knowledge gained from full-scale demonstration of

DAS at the WQCP will support cost-effective nutrient removal strategies that protect public health and the environment, while minimizing infrastructure and helping to maintain affordable sewer rates for our community. We are particularly supportive of the diverse approaches outlined in the proposal, which include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding.

- Nature-Based Solutions (NBS): Advancing projects like the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing alongside habitat enhancement and flood resilience.

- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently

The City of Millbrae recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

The City of Millbrae fully supports this collaborative effort to protect our estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at twilliams@ci.millbrae.ca.us .

Sincerely,

Fai Ali, Director of Public Works and Engineering
City of Millbrae
650-259-2336

Cc: Thomas C. Williams, City Manager

CITY OF MORGAN HILL

CITY OF MORGAN HILL
17575 PEAK AVENUE
MORGAN HILL, CA 95037
PHONE 408-779-7271
FAX 408-779-3117

WWW.MORGANHILL.CA.GOV

February 24, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: FY 2026 San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from the City of Morgan Hill for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of the City of Morgan Hill, I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally.

If you have any questions, please feel free to contact us for further discussion. I can be reached at 408.782.9154 or chris.ghione@morganhill.ca.gov.

Sincerely,

Chris Ghione
Assistant City Manager/Public Services Director

City of Mountain View

PUBLIC WORKS DEPARTMENT
500 Castro Street, P.O. Box 7540
Mountain View, CA 94039-7540
650-903-6311 | MountainView.gov

February 24, 2026

US EPA Region 9 (WTR-2-2)
Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: FY 2026 San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from the City of Mountain View for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of the City of Mountain View, I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally.

Wastewater from the City of Mountain View is treated at the Palo Alto Regional Water Quality Control Plant (RWQCP), an advanced regional treatment plant serving multiple communities. The plant provides secondary treatment with nutrient removal and discharges treated effluent to the South San Francisco Bay under its National Pollutant Discharge Elimination System (NPDES) permit issued pursuant to the Clean Water Act. Palo Alto plays an important role in regional nutrient management efforts to protect water quality and ecological health in the Estuary. The proposed project deliverables will provide valuable technical, regulatory, and implementation

insights into process intensification, nature-based solutions, and market-based strategies that can inform future upgrades at the RWQCP, support compliance with evolving nutrient requirements, and enhance Palo Alto's ability to manage nutrients and contaminants of emerging concern in a cost-effective and environmentally responsible manner.

The City of Mountain View recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

The City of Mountain View fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay.

Sincerely,

Jennifer Ng
Public Works Director
City of Mountain View
Jennifer.Ng@mountainview.gov

CITY OF PALO ALTO
PUBLIC WORKS
2501 Embarcadero Way
Palo Alto, CA 94303
650.329.2598

February 24, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: FY 2026 San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from the City of Palo Alto for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of the City of Palo Alto's Regional Water Quality Control Plant (RWQCP), I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally.

The City of Palo Alto owns and operates the Palo Alto Regional Water Quality Control Plant (RWQCP), an advanced wastewater treatment facility serving residents and businesses within the city and portions of the surrounding community. The RWQCP provides advanced secondary treatment and discharges treated effluent to the South San Francisco Bay under its National Pollutant Discharge Elimination System (NPDES) permit issued pursuant to the Clean Water Act.

As a South Bay discharger, Palo Alto plays an important role in regional nutrient management efforts aimed at protecting water quality and ecological health in the Estuary. Project deliverables will provide valuable technical, regulatory, and implementation insights into process intensification, nature-based solutions, and market-based strategies that can inform future upgrades at the RWQCP, support compliance with evolving nutrient requirements, and enhance the City's ability to manage nutrients and contaminants of emerging concern in a cost-effective and environmentally responsible manner.

We are particularly supportive of the diverse approaches outlined in the proposal, which include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding.

- Nature-Based Solutions (NBS**):** Advancing projects such as the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing, support reduction of CECs from RO Concentrate (ROC) and other similar waste streams prior to discharge to the San Francisco Bay, and deliver co-benefits including habitat enhancement, shoreline resilience, and flood protection.

- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently

The City of Palo Alto's RWQCP recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

The City of Palo Alto's RWQCP fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay.

Sincerely,

Signed by:

CDC6810DDC24F0...

Aaron Gilbert, Plant Manager
City of Palo Alto Regional Water Quality Control Plant
Aaron.Gilbert@PaloAlto.gov

February 24, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: FY 2026 San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from **City of San Bruno** for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of the **City of San Bruno,** I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this important initiative.

The City of San Bruno co-owns the South San Francisco - San Bruno Water Quality Control Plant (WQCP), a regional wastewater treatment facility which is operated and maintained by the City of South San Francisco under a Joint Powers Agreement. The WPCP serves residential, commercial, and industrial customers, including disadvantaged communities within our service area. Knowledge gained from full-scale demonstration of DAS at the WQCP will support cost-effective nutrient removal strategies that protect public health and the environment, while minimizing infrastructure and helping to maintain affordable sewer rates for our community.

We are particularly supportive of the diverse approaches outlined in the proposal, which include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding.

- Nature-Based Solutions (NBS): Advancing projects like the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing alongside habitat enhancement and flood resilience.

- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently

City of San Bruno recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

City of San Bruno fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me.

Sincerely,

Dennis Bosch
City of San Bruno
Public Works Deputy Director- Maintenance and Operations
Dbosch@sanbruno.ca.gov
650-616-7179

San José-Santa Clara
Regional Wastewater Facility

February 25, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Subject: Support from City of San José for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of the City of San José, I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, Valley Water, City of San José, and UC Berkeley, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this important initiative.

The City of San José administers, maintains, and operates the San José-Santa Clara Regional Wastewater Facility (RWF), which it co-owns with the City of Santa Clara. The RWF is the largest POTW in the region, treating wastewater from 1.5 million residential customers and over 17,000 commercial and industrial business spread across most of Santa Clara County. The RWF is an environmental leader in protecting the San Francisco Bay while providing excellent and reliable wastewater treatment services that already remove up to 80% of incoming nitrogen through an advanced secondary treatment system and substantial recycled water diversions.

The knowledge gained from this project will be valuable to our organization and the region. We are particularly supportive of the diverse approaches outlined in the proposal, which include:

Ms. Luisa Valiela
US EPA Region 9 (WTR-2-2)
RE: Support Letter from City of San José
February 25, 2026

- Nature-Based Solutions (NBS): Advancing projects like the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing alongside habitat enhancement and flood resilience.

- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently

As a subrecipient on this award, the City of San José will be working closely with SFEP, Valley Water, and UC Berkeley to conduct a comprehensive feasibility study on the potential use of an NBS (a horizontal levee) in the lower south bay to treat reverse osmosis concentrate (ROC) and other high nitrogen waste streams. The City of San Jose is excited to collaborate on this important work in the manner specified in the proposal. In particular, with our project partners, we will:

- Evaluate the effectiveness of a horizontal levee to reduce TIN in ROC from high-efficiency reverse osmosis systems.
- Evaluate the cost and feasibility of implementing an NBS in the lower south bay, including development a regulatory pathway.
- Begin development of models and machine learning tools to predict horizontal levee performance, which will help inform decisions on design and operations.
- Draft a Memorandum of Understanding to define ownership and operational and maintenance responsibilities of a horizontal levee.

As a principal member of BACWA, the City of San José recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

City of San José fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at eric.dunlavey@sanjoseca.gov or (408) 635-4017.

Sincerely,

Eric Dunlavey, Deputy Director Regulatory Affairs and Purified Water
City of San José, Environmental Services Department

City of San Leandro
Civic Center, 835 E. 14th Street
San Leandro, California 94577 - www.SanLeandro.org

February 25, 2026

US EPA Region 9 (WTR-2-2)

Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Subject: Support from City of San Leandro for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of the City of San Leandro, I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this important initiative.

San Leandro is a member agency of the East Bay Dischargers Authority which Dublin San Ramon Services District is a partner agency to. San Leandro and DSRSD share the same discharge outfall to the San Francisco Bay and the responsibility of protecting water quality in the Bay. Meeting these very low nutrient limits requires collaboration among the agencies and participating partners to achieve a combined 40% total inorganic nitrogen (TIN) reduction from 2022 TIN loads. San Leandro supports Dublin San Ramon Services District (DSRSD) MABR

City of San Leandro
Civic Center, 835 E. 14th Street
San Leandro, California 94577 - www.SanLeandro.org

pilot project as an innovative, and cost-effective solutions. MABR technology offers a proven method for simultaneous nitrification and denitrification with lower energy use and operational costs compared to conventional systems. By piloting this technology, DSRSD will demonstrate a scalable solution that complements its recycled water operations, minimizes financial impacts on ratepayers and helps San Leandro and sister agencies to stay below the San Francisco Regional Water Quality Board's 2034 TIN limit. Information from this pilot will be useful as San Leandro continues to evaluate and implement nutrient reduction upgrades.

We are particularly supportive of the diverse approaches outlined in the proposal, which include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding.

- Nature-Based Solutions (NBS): Advancing projects like the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing alongside habitat enhancement and flood resilience.

- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently

The City of San Leandro recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

The City of San Leandro fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at hmorehouse@sanleandro.org or (510) 577-3437.

City of San Leandro
Civic Center, 835 E. 14th Street
San Leandro, California 94577 - www.SanLeandro.org

Sincerely,

Hayes Morehouse
Water Pollution Control Manager, City of San Leandro
(510) 577-3437
hmorehouse@sanleandro.org

San Ramon
CALIFORNIA

CITY OF SAN RAMON

7000 BOLLINGER CANYON ROAD
SAN RAMON, CALIFORNIA 94583
PHONE: (925) 973-2500
WEB SITE: www.sanramon.ca.gov

February 24, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: FY 2026 San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from the City of San Ramon for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of the City of San Ramon, I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this important initiative.

As a thriving community of over 85,000 residents, and highly supportive of clean water and recycling, the City of San Ramon recognizes that nutrient reduction is essential for improving the health of the San Francisco Bay and preventing harmful algal blooms that threaten ecosystems and

public health. The City of San Ramon supports Dublin San Ramon Services District's (DSRSD) approach to piloting proven MABR technology and optimizing operational efficiencies to achieve significant nutrient reductions within the facilities existing footprint at a fraction of the cost of traditional methods while still providing recycled water that meets the needs of the community. This commitment to fiscal responsibility ensures that ratepayers benefit from environmental improvements without undue financial burden.

We are particularly supportive of the diverse approaches outlined in the proposal, which include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding.

- Nature-Based Solutions (NBS): Advancing projects like the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing alongside habitat enhancement and flood resilience.

- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently

The City of San Ramon recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

The City of San Ramon fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at (925) 973-2686 or bbornstein@sanramon.ca.gov.

Sincerely,

Brian R. Bornstein, P.E.
Public Works Director
San Ramon Public Works
City of San Ramon

Sunnyvale

City Hall
456 West Olive Avenue
Sunnyvale, CA 94088-3707
408-730-7500
Sunnyvale.ca.gov

February 24, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: FY 2026 San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from the City of Sunnyvale for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of the City of Sunnyvale, I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally.

The City of Sunnyvale owns and operates the Sunnyvale Water Pollution Control Plant (WPCP), an advanced wastewater treatment facility serving residents and businesses in the community and portions of the surrounding area. The WPCP provides secondary treatment with nutrient removal and discharges treated effluent to the South Bay of the San Francisco Bay under its National Pollutant Discharge Elimination System (NPDES) permit issued pursuant to

Sunnyvale

the Clean Water Act. As a South Bay discharger, Sunnyvale plays a key role in regional nutrient management efforts aimed at protecting water quality and ecological health in the Estuary. Participation in this project will provide valuable technical, regulatory, and implementation insights into process intensification, nature-based solutions, and market-based strategies that can inform future upgrades at the WPCP, support compliance with evolving nutrient requirements, and enhance the City's ability to manage nutrients and contaminants of emerging concern in a cost-effective and environmentally responsible manner.

We are particularly supportive of the diverse approaches outlined in the proposal, which include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding.

- Nature-Based Solutions (NBS): Advancing projects such as the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing, support reduction of CECs from RO Concentrate (ROC) and other similar waste streams prior to discharge to the San Francisco Bay, and deliver co-benefits including habitat enhancement, shoreline resilience, and flood protection.

- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently

The City of Sunnyvale recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

The City of Sunnyvale fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at mnasser@sunnyvale.ca.gov or 408-730-7740.

Sincerely,

Mansour Nasser (Feb 25, 2026 16:40:46 PST) 02/25/2026

Mansour Nasser,
Assistant Director of Environmental Services

CONTRA COSTA RESOURCE CONSERVATION DISTRICT

Contra Costa Resource Conservation District
2001 Clayton Road, Ste. 200
Concord, CA 94520

CCRCD.org (925) 672-4577 x4

February 24, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from the Contra Costa Resource Conservation District for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of the Contra Costa Resource Conservation District**,** I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this important initiative.

We are particularly supportive of the diverse approaches outlined in the proposal, which include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding.

- Nature-Based Solutions (NBS): Advancing projects like the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing alongside habitat enhancement and flood resilience.

CONTRA COSTA RESOURCE CONSERVATION DISTRICT

Contra Costa Resource Conservation District
2001 Clayton Road, Ste. 200
Concord, CA 94520

CCRCD.org (925) 672-4577 x4

- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently

The Contra Costa Resource Conservation District recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

The Contra Costa Resource Conservation District fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at clim@ccrcd.org.

Sincerely,

Chris Lim
Executive Director

Dublin San Ramon Services District
Water, wastewater, recycled water

Regional Wastewater Treatment Facility
7399 Johnson Drive
Pleasanton, CA 94588-3862

main (925) 846-4565
fax (925) 462-0658
www.dsrsd.com

02/24/2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: 2026 San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from Dublin San Ramon Services District for BACWA's Clean Water Together Proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of the Dublin San Ramon Services District, I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this important initiative.

Dublin San Ramon Services District (DSRSD) serves approximately 194,600 residents in Dublin, San Ramon, and, by contract, Pleasanton. The District operates three primary enterprises: local wastewater collection in Dublin and southwest San Ramon; regional wastewater treatment and disposal for Dublin, southwest San Ramon, and Pleasanton through a contractual partnership; and potable water service for Dublin and the Dougherty Valley area of San Ramon.

As a sub-awardee under the Bay Area Clean Water Agencies (BACWA) Clean Water Together proposal, DSRSD shares the regional objective of reducing nutrient loads to San Francisco Bay. The District supports the Central Contra Costa Sanitation District's demonstration scale Membrane Aerated Bioreactor (MABR) facility, which incorporates complementary densified activated sludge (DAS) technology. This project offers opportunities for coordinated research, operational learning, and technology evaluation. DSRSD anticipates that the knowledge developed through this demonstration effort will inform future nutrient reduction initiatives within our service area and support broader regional water quality goals.

We are particularly supportive of the diverse approaches outlined in the proposal, which include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding.
- Nature-Based Solutions (NBS): Advancing projects like the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing alongside habitat enhancement and flood resilience.
- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently

Dublin San Ramon Services District recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

Dublin San Ramon Services District fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at dgill@dsrsd.com or (925) 875- 2345.

Sincerely,

Dan Gill
Operations Director
Dublin San Ramon Services District

DERWA
DSRSD•EBMUD Recycled Water Authority
Partners in Water Recycling

February 27, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: FY 2022 San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from Dublin San Ramon Services District-East Bay Municipal Utility District Recycled Water Authority (**DERWA)** for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of DERWA, I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this important initiative.

DERWA was established in 1995 to provide recycled water to parts of Dublin, Dougherty Valley, and San Ramon. Recycled water deliveries began in early 2006. In 2014, the City of Pleasanton entered into an agreement with DERWA to allow its treated wastewater to also be used to produce recycled water.

On behalf of DERWA, we are pleased to express our strong support for the Membrane Aerated Biofilm Reactor (MABR) pilot project proposed by Dublin San Ramon Services District (DSRSD). As a regional partnership dedicated to advancing recycled water and sustainable wastewater

management, we recognize the critical importance of this initiative in meeting the San Francisco Regional Water Quality Control Board's stringent nutrient discharge limits while continuing to provide high-quality recycled water to our communities.

DSRSD plays a vital role in producing recycled water in the Tri-Valley Region. While leveraging recycled water operations is a key nutrient reduction strategy, seasonal fluctuations in demand during cooler, rainy months can create compliance challenges that need an innovative solution. Piloting MABR technology offers a cost-effective, innovative solution that complements existing recycled water infrastructure and minimizes financial impacts on ratepayers.

We are particularly supportive of the diverse approaches outlined in the proposal, which include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding.
- Nature-Based Solutions (NBS): Advancing projects like the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing alongside habitat enhancement and flood resilience.
- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently.

DERWA recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. BACWA's collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

DERWA fully supports this collaborative effort, and we urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay.

If you have any questions, please contact me at vhousen@housenassociates.com or (925) 518-3487.

Sincerely,

Vivian Housen
DERWA Authority Manager
vhousen@housenassociates.com

February 24, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: FY 2026 San Francisco Bay Geographic Program Office Proposal Review Committee
Subject: Support from the East Bay Leadership Council for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of the East Bay Leadership Council (EBLC), I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0.

As a prominent public policy advocacy organization representing hundreds of employers across Contra Costa and Alameda Counties, we recognize that as a region we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this important initiative.

We are particularly supportive of the diverse approaches outlined in the proposal, which include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding.

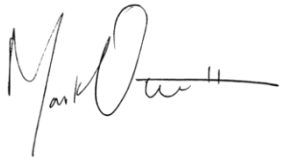
- Nature-Based Solutions (NBS): Advancing projects like the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing alongside habitat enhancement and flood resilience.

- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently

EBLC recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

EBLC fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay.

Sincerely,



Mark Orcutt
President & CEO
East Bay Leadership Council

EAST BAY
MUNICIPAL UTILITY DISTRICT

AMIT MUTSUDDY
DIRECTOR OF WASTEWATER
(510) 287-1149
amit.mutsuddy@ebmud.com

February 24, 2026

Luisa Valiela
US EPA Region 9 (WTR-2-2)
75 Hawthorne Street
San Francisco, CA 94105
Attn: SF Bay Geographic Program Office Proposal Review Committee

Subject: Support from East Bay Municipal Utility District for Bay Area Clean Water Agencies (BACWA) Clean Water Together proposal

Dear Proposal Reviewer,

On behalf of the East Bay Municipal Utility District (District), I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, and City of Burlingame, in response to the U.S. Environmental Protection Agency's (US EPA) Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this important initiative.

We are supportive of the diverse approaches outlined in the proposal, which include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would be possible without this funding.

- Nature-Based Solutions: Advancing projects like the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing alongside habitat enhancement and flood resilience.

- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently

In particular, the District will gain valuable knowledge from process intensification pilot testing of MABR and densification (i.e., hydrocyclone-based wasting or DAS). These technologies are relatively new in the wastewater industry; however, they provide opportunities for agencies to reduce capital and operating costs while still achieving nutrient reduction requirements. BACWA's proposal will help these technologies mature, which is a benefit to agencies and their ratepayers across the Bay Area and the rest of the United States. The District plans to collaborate with proposal partners in the technology transfer task for process intensification and market-based solutions. The District's centrally located facilities will support BACWA's coalition by providing meeting space for workshops and other collaborative activities. This collaboration does not include any formalized match or in-kind contributions.

The District recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Its collaboration with the San Francisco Estuary Partnership ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

The District fully supports this collaborative effort to protect our estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the US EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at amit.mutsuddy@ebmud.com.

Sincerely,

Amit Mutsuddy, P.E.

AM:JS:ma

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February 24, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: FY 2022 San Francisco Bay Geographic Program Office Proposal Review Committee
Subject: Support from East Bay Regional Park District for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of the East Bay Regional Park District, I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by the Bay Area Clean Water Agencies (BACWA), with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, and City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this important initiative.

We are particularly supportive of the diverse approaches outlined in the proposal, which include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding.

- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently.

- Nature-Based Solutions (NBS): Advancing projects like the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing alongside habitat enhancement and flood resilience.

The First Mile Horizontal Levee Project has long been a cornerstone of regional collaborative planning efforts, and is a key project identified in the Hayward Shoreline Adaptation Master Plan. The East Bay Regional Parks District and the

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Hayward Area Shoreline Planning Agency have been working closely with the East Bay Dischargers Authority and other partners since the project's inception, and we strongly support this proposal to help bring that multi-benefit project to fruition. The project will provide flood protection and recreational opportunities for a community that has not historically had access to the shoreline. At the same time, through innovative wastewater treatment features, it will reduce nutrient loads to the Bay, decreasing the likelihood and severity of future harmful algal blooms. These types of projects that meet multiple objectives are exactly what we need right now to stretch limited public funds.

The East Bay Regional Park District recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

The East Bay Regional Park District fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay.

Sincerely,

Max Korten, Acting General Manager
East Bay Regional Park District

February 24, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from Greenbelt Alliance for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of Greenbelt Alliance, I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this important initiative.

Greenbelt Alliance envisions a Bay Area of healthy, thriving, resilient communities that are safe during disasters and recover quickly from floods and drought. For this reason

we are supportive of the diverse approaches outlined in the proposal, which include advancing nature-based solutions (NBS) such as the "First Mile" Horizontal Levee to provide habitat enhancement and flood resilience.

Greenbelt Alliance recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

Greenbelt Alliance fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at cnotch@greenbelt.org or 415-543-6771 ext. 305.

Sincerely,

Cailin Notch
East Bay Resilience Manager
Greenbelt Alliance

HAYWARD AREA SHORELINE PLANNING AGENCY

February 24, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: FY 2026 San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from HASPA for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of the **Hayward Area Shoreline Planning Agency (HASPA),** I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by the Bay Area Clean Water Agencies (BACWA) with multiple partners, including San Francisco Estuary Partnership and East Bay Dischargers Authority, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will produce scalable wastewater nutrient management strategies for the region and nationwide. We respectfully request your support for this important initiative.

In particular, the "First Mile" Horizontal Levee Project (included in this funding request) will show how nature-based solutions can deliver nutrient polishing, habitat gains, and flood resilience. The First Mile Horizontal Levee Project has long been a cornerstone of regional collaborative planning efforts, and is a key project identified in HASPA's Hayward Regional Shoreline Adaptation Master Plan. The Master Plan envisioned a number of critical projects important for the area's long-term resilience, including the First Mile Horizontal Levee Project, and we are happy to see this project included as one of the solutions being advanced in the Clean Water Together proposal.

HASPA has been working closely with the East Bay Dischargers Authority and other partners since the project's inception, and we strongly support this proposal to help bring that multi-benefit project to fruition. The project will provide flood protection and recreational opportunities for a community that has not historically had access to the shoreline. At the same time, through innovative wastewater treatment features, it will reduce nutrient loads to the Bay, decreasing the likelihood and severity of

future harmful algal blooms. These types of projects that meet multiple objectives are exactly what we need right now to stretch limited public funds.

HASPA advances collaborative climate adaptation planning to protect people, public health, infrastructure, the environment, and shoreline access. HASPA supports this collaborative effort to protect our Estuary. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at aharris@rgs.ca.gov.

Sincerely,

Adrienne Harris
Manager, Hayward Area Shoreline Planning Agency (HASPA)

cc: HASPA Board of Trustees
Chair Eric Hentschke (ACMAD),
Francisco Zermeno (City of Hayward),
Dennis Waespi (EBRPD), &
Louis Andrade (HARD)

LAVWMA
WATER
Resource Recovery

Livermore-Amador Valley Water Management Agency

February 24, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: FY 2026 San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from Livermore Amador Valley Water Management Agency (LAVWMA) for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of LAVWMA, I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this important initiative.

The Livermore-Amador Valley Water Management Agency (LAVWMA) is a joint powers agency created in 1974 by the cities of Livermore and Pleasanton and the Dublin San Ramon Services District for the purpose of discharging their treated wastewater to San Francisco Bay. Operations began in September 1979 with expansions in 1983, 1987 and 2003 bringing it to its current maximum discharge capacity of 41.2 mgd. The wastewater is conveyed via a 16-mile pipeline

from Pleasanton to San Leandro and enters the East Bay Dischargers Authority (EBDA) system for dechlorination and discharge through a deepwater outfall to the San Francisco Bay.

LAVWMA's facilities span from the City of Livermore to the San Francisco Bay. LAVWMA receives treated wastewater from plants operated by the City of Livermore and the Dublin San Ramon Services District (DSRSD). The combined average dry weather flowrate from these two facilities is limited by the joint powers agreement to a maximum flowrate of 31.8 million gallons per day (mgd). LAVWMA facilities are designed to export a maximum flow of 41.2 mgd during wet weather events. The treated effluent from the two treatment plants flows by gravity to the LAVWMA Export Pump Station in Pleasanton.

LAVWMA supports this effort because it has the potential to reduce nutrients conveyed through LAVWMA infrastructure to San Francisco Bay.

DSRSD is a member agency of LAVWMA and shares the responsibility of protecting water quality in the Bay. Meeting these very low nutrient limits requires collaboration among the agencies and participating partners to achieve a combined 40% total inorganic nitrogen (TIN) reduction from 2022 TIN loads. LAVWMA supports Dublin San Ramon Services District (DSRSD) MABR pilot project as an innovative, and cost-effective solutions. MABR technology offers a proven method for simultaneous nitrification and denitrification with lower energy use and operational costs compared to conventional systems. By piloting this technology, DSRSD will demonstrate a scalable solution that complements its recycled water operations, minimizes financial impacts on ratepayers and helps Bay Area agencies to stay below the San Francisco Regional Water Quality Board's 2034 TIN limit.

We are particularly supportive of the diverse approaches outlined in the proposal, which include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding.

- Nature-Based Solutions (NBS): Advancing projects like the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing alongside habitat enhancement and flood resilience.

- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently

LAVWMA recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

LAVWMA fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me a fuller@lavwma.com.

Sincerely,

Levi Fuller

Levi Fuller, General Manager
Livermore Amador Valley Water Management Agency
fuller@lavwma.com

February 24, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: FY 2026 San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from **Marin County Bicycle Coalition** for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of **Marin County Bicycle Coalition (MCBC),** I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Of the notable projects included in the grant, the Sewerage Agency of Southern Marin (SASM)'s feasibility study at North Bothin Marsh is of particular interest to **MCBC.** This project provides a multi benefit solution for sea level rise adaptation, ecosystem restoration and adaptation, public access, and nutrient reduction.

MCBC is the county's primary bicycle advocacy organization, working to promote bicycling for everyday transportation and recreation in Marin County. The multi benefit project described above will serve to protect a critical part of the Mill Valley-Sausalito Pathway, which serves as the north-south bicycle highway through southern Marin County. Despite its importance in the

active transportation network, this segment of pathway regularly floods during high tide events, and is greatly threatened under even moderate sea level rise projections.

MCBC recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

MCBC fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at warren@marinbike.org or 410-703-9898.

Sincerely,

Warren J. Wells, AICP
Marin County Bicycle Coalition
warren@marinbike.org
410-703-9898

COUNTY OF MARIN

MARIN COUNTY PARKS
Preservation • Recreation

February 24, 2026

MARIN COUNTY PARKS
PRESERVATION • RECREATION

Chris Chamberlain
DIRECTOR AND
GENERAL MANAGER

1600 Los Gamos Drive
Suite 275
San Rafael, CA 94903
415 473 6387 T
parks.marincounty.gov

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: FY 2026 San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from Marin County Open Space District for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of Marin County Open Space District**,** I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Of the notable projects included in the grant, the Sewerage Agency of Southern Marin (SASM)'s feasibility study at North Bothin Marsh is of particular interest to Marin County Open Space District. This potential project provides a multi-benefit solution for sea level rise adaptation, ecosystem restoration and adaptation, public access, and nutrient reduction.

This work builds upon prior outreach and technical studies as part of our larger Evolving Shorelines at Bothin Marsh initiative, as well as the Transportation Authority of Marin's Regional Shoreline Adaptation Plan. It complements the City of Mill Valley's Regional Shoreline Adaptation Plan, currently under development. We view this potential project as a critical investment in the long-term health of the Bay and North Bothin Marsh, the safety of surrounding communities, and the preservation of public access to coastal resources.

Marin County Open Space District recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

Marin County Open Space District supports this collaborative effort to protect North Bothin Marsh while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at: Chris.Chamberlain@marincounty.gov.

Sincerely,

Chris Chamberlain

Chris Chamberlain
General Manager
Marin County Open Space District
Chris.Chamberlain@marincounty.gov

ORO LOMA SANITARY DISTRICT

February 24, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105
Attn: FY 2026 San Francisco Bay Geographic Program Office Proposal Review Committee

Re: Support from Oro Loma Sanitary District for BACWA's Clean Water Together Proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of the Oro Loma Sanitary District, I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this important initiative.

Oro Loma Sanitary District serves a population of 135,000 on the East San Francisco Bay, including the communities of Ashland, Castro Valley, Cherryland, Fairview, San Lorenzo, and parts of both Hayward and San Leandro. Our agency is tasked with ensuring water quality for our communities by

collecting and treating wastewater to discharge clean water to San Francisco Bay. The knowledge gained through this regional coalition effort will directly inform Oro Loma's nutrient compliance and capital planning strategies. We support Dublin San Ramon Services District's (DSRSD) Membrane Aerated Bioreactor (MABR) pilot project as an innovative, energy-efficient approach to nutrient reduction that can provide scalable results while minimizing ratepayer impacts. Demonstrating advanced treatment technologies, nature-based solutions, and market-based strategies through this proposal will generate valuable, transferable insights to help Oro Loma and partner agencies meet the 2034 TIN limits in a fiscally responsible manner. Oro Loma Sanitary District is a member agency of the East Bay Dischargers Authority which Dublin San Ramon Services District is a partner agency to. Oro Loma Sanitary District and DSRSD share the same discharge outfall to the San Francisco Bay and the responsibility of protecting water quality in the Bay. Meeting these very low nutrient limits requires collaboration among the agencies and participating partners to achieve a combined 40% total inorganic nitrogen (TIN) reduction from 2022 TIN loads. Oro Loma Sanitary District supports Dublin San Ramon Services District (DSRSD) MABR pilot project as an innovative, and cost-effective solutions. MABR technology offers a proven method for simultaneous nitrification and denitrification with lower energy use and operational costs compared to conventional systems. By piloting this technology, DSRSD will demonstrate a scalable solution that complements its recycled water operations, minimizes financial impacts on ratepayers and helps Oro Loma Sanitation District and sister agencies to stay below the San Francisco Regional Water Quality Board's 2034 TIN limit.

We are particularly supportive of the diverse approaches outlined in the proposal, which include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding.

- Nature-Based Solutions (NBS): Advancing projects like the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing alongside habitat enhancement and flood resilience.

- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently

Oro Loma Sanitation District recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

Oro Loma Sanitation District fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at jdang@orolomasanitarydistrict.ca.gov or 510-481-6981.

Sincerely,

Jimmy Dang
General Manager

Environmental Non-Profit | Connecting People to Nature

February 24, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from Plantify for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of Plantify**,** I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this important initiative.

Plantify is a community-based environmental 501(c)(3) nonprofit located in the unincorporated community of Alameda County dedicated to increasing access to nature through hands-on ecological education and community engagement. Knowledge gained through this project will

strengthen our ability to design informed, place-based programming that connects communities to regional watershed resilience efforts.

Plantify is delighted to collaborate on this important work in the manner specified in the proposal. As a community partner and subrecipient, we will support community engagement and outreach efforts, helping to translate technical nutrient and shoreline adaptation strategies into accessible educational programming and opportunities for the community.

We are particularly supportive of the diverse approaches outlined in the proposal, which include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding.

- Nature-Based Solutions (NBS): Advancing projects like the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing alongside habitat enhancement and flood resilience.

- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently

Plantify recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

Plantify fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at **toku@plantify.org.**

Sincerely,

Toku Hankins

Toku Hankins, Executive Director and President
Plantify
toku@plantify.org | (510) 566-8201

MARK DESAULNIER
10TH DISTRICT, CALIFORNIA

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Congress of the United States
House of Representatives
Washington, DC 20515

COMMITTEE ON ETHICS
RANKING MEMBER

COMMITTEE ON EDUCATION AND WORKFORCE
RANKING MEMBER,
SUBCOMMITTEE ON HEALTH, EMPLOYMENT, LABOR, AND PENSIONS

COMMITTEE ON TRANSPORTATION AND INFRASTRUCTURE

February 24, 2026

Luisa Valiela
Program Lead
US EPA Region 9 (WTR-2-2)
75 Hawthorne Street
San Francisco, CA 94105

Subject: Support from Congressman DeSaulnier for BACWA's Clean Water Together proposal

Dear Program Lead Luisa Valiela,

I am writing in strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by Bay Area Clean Water Agencies (BACWA), with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, and City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort seeks to provide a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, I'm told this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. As I understand it, this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally.

Additionally, my understanding is that this proposal includes diverse approaches, like:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding.

- Nature-Based Solutions (NBS): Advancing projects like the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing alongside habitat enhancement and flood resilience.

- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently

As I understand it, BACWA has a long-standing history of successful regional coordination and fiscal responsibility. I'm told their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. It's my understanding that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

I'm also told this collaborative effort would protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience and this funding would help support the regional collaboration necessary for a sustainable San Francisco Bay.

I respectfully request this application be given your full and fair consideration. Thank you for taking the time to consider my thoughts on this matter.

Sincerely,

Mark DeSaulnier
Member of Congress

February 24, 2026

U.S. Environmental Protection Agency, Region 9
San Francisco Bay Program
75 Hawthorne St.
San Francisco, CA, 94105
Attn: Luisa Valiela

Subject: Support from the San Francisco Bay Nutrient Management Strategy for BACWA's Clean Water Together Proposal

Dear Environmental Protection Agency Grant Proposal Review Committee,

On behalf of the San Francisco Bay Nutrient Management Strategy (NMS), I am writing to express our support for the proposal titled "Clean Water Together — A Coalition Proposal for Regional Nutrient Solutions," submitted by the Bay Area Clean Water Agencies (BACWA) and its partners, in response to EPA Notice of Funding Opportunity Number EPA-R9-SFBay-26-0.

The NMS is a regional program of the San Francisco Bay Regional Water Quality Control Board established to address nutrient enrichment in San Francisco Bay, with a particular focus on understanding and managing the conditions that contribute to harmful algal blooms and impacts to sensitive species, including white and green sturgeon. A central challenge for the NMS is developing actionable, cost-effective nutrient management strategies that can achieve meaningful load reductions at regional scale — and the Clean Water Together proposal speaks directly to that challenge.

We support this proposal for several reasons. The coalition's multi-pronged approach — spanning process intensification at existing facilities, nature-based nutrient polishing, and the development of a regional nutrient trading framework — reflects exactly the kind of integrated approach needed to achieve durable water quality improvements in the Bay.

The NMS is interested in the nutrient trading component of this proposal. A well-designed regional trading program has the potential to unlock site-specific efficiencies across Bay Area POTWs while still meeting Bay-wide load reduction goals. Similarly, the process intensification pilots — including Membrane Aerated Bioreactors and Densified Activated Sludge technologies — will generate performance and cost information that can inform load reduction target-setting and compliance pathway analysis at the regional level.

The NMS supports this proposal and recommends that EPA fund this important initiative.

Sincerely,

Kevin Lunde, Ph.D.
Chair, Nutrient Management Strategy Steering Committee

San Francisco Bay Regional Water Quality Control Board

February 23, 2026

U.S. Environmental Protection Agency, Region 9 (WTR-2-2)
San Francisco Bay Geographic Program
75 Hawthorne Street
San Francisco, CA 94105
Attn: Luisa Valiela

Subject: Support from the San Francisco Bay Regional Water Quality Control Board for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of the San Francisco Bay Regional Water Quality Control Board (Water Board), I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable and effective nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this important initiative.

The Water Board is a regulatory agency responsible for the protection of water quality throughout the San Francisco Bay Area. In 2024, our agency took the monumental step of requiring a 40 percent region-wide load reduction from 40 municipal wastewater

treatment plants. This action was necessary because nutrient loads from wastewater fueled a widespread harmful algae bloom in 2022, which resulted in fish kills of protected species such as white and green sturgeon. The Water Board's NPDES permit requires wastewater treatment plants to achieve the aggregate nitrogen reduction by 2034, a timeline requiring immediate collaboration and coordination across wastewater treatment plants, regulators, and scientists. This grant proposal facilitates regional action to achieve these substantial nutrient reductions, thereby improving water quality and supporting the many beneficial uses of San Francisco Bay.

We are particularly supportive of the diverse approaches outlined in the proposal, which include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding.
- Nature-Based Solutions: Advancing projects like the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing alongside habitat enhancement and flood resilience.
- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently

The Water Board recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

The Water Board fully supports this collaborative effort to protect San Francisco Bay while practicing economic efficiency with the co-benefits of drought and flooding resilience. We strongly recommend the EPA fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at Eileen.White@waterboards.ca.gov or (510) 622-2314.

Sincerely,

Eileen M. White

Eileen M. White, P.E.
Executive Officer

February 18, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: San Francisco Bay Geographic Program Office Proposal Review Committee

RE: Support from Save The Bay for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of Save The Bay, the largest regional organization working to protect and restore the San Francisco Bay**,** I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by the Bay Area Clean Water Agencies (BACWA), with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture for protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Nutrient discharges into San Francisco Bay are becoming an increasing risk to the Bay's health. These discharges can contribute to harmful algae blooms, such as the one that the Bay experienced in 2022. Following the devastating impact of that event which killed thousands of marine species, the San Francsico Regional Water Quality Control Board adopted new permit requirements directing wastewater plant managers to reduce the amount of nutrient loading from treatment plants around the Bay Area. The current, more restrictive limitations will require significant investment in new technology and nature-based approaches to treat wastewater and protect the Bay.

BACWA's Clean Water Together proposal is an innovative and urgently needed approach that will advance nutrient reduction strategies at wastewater treatment facilities across the region. Crucially, this proposal will advance the Hayward First Mile Horizontal Levee, a multi-benefit project that combines nutrient reduction alongside

improved flood resilience, habitat protection, and public access to the shoreline. This is an example of an efficient use of public resources to address related needs that should be a model for investment from programs like the EPA's San Francisco Bay Program.

In addition to this important project, Clean Water Together will advance a range of nutrient reduction solutions including a regional credit trading program, additional nature-based nutrient reduction strategies, and new technologies and operational approaches to improve water quality discharges into San Francisco Bay.

Save The Bay is proud to support this collaborative effort among wastewater operators and the San Francisco Estuary Partnership to study and advance projects that will benefit the health of the Bay, our region's economy, and the quality of life for the more than 7 million people who call the Bay Area home. If you have any questions, please contact me at 510-463-6808.

Sincerely,

J Quigley

Josh Quigley
Sn. Policy Manager
Save The Bay

SVCW
SILICON VALLEY CLEAN WATER

February 24, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: FY 2022 San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from Silicon Valley Clean Water for BACWA's Clean Water Together Proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of the Silicon Valley Clean Water (SVCW), I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this important initiative.

SVCW is a Joint Powers Authority providing wastewater treatment services to 300,000+ residents across Belmont, Redwood City, San Carlos, and West Bay Sanitary District. For 50 years, we've protected public health and the San Francisco Bay through 24/7 operations, transforming wastewater into renewable energy and

agricultural resources. We are particularly supportive of the diverse approaches outlined in the proposal, which include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding.

- Nature-Based Solutions (NBS): Advancing projects like the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing alongside habitat enhancement and flood resilience.

- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently

SVCW recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

SVCW fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at mzucca@svcw.org.

Sincerely,

SILICON VALLEY CLEAN WATER

Matthew Zucca, PE
Authority Manager

STANFORD
CIVIL & ENVIRONMENTAL
ENGINEERING

William Mitch PhD.
Professor
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Civil & Environmental Engineering
Jerry Yang & Akiko Yamazaki
Environment & Energy Building
473 Via Ortega, Rm 183 MC 4020
Stanford, CA 94305

February 24, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: FY 2026 San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from Codiga Resource Recovery Center at Stanford University for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

On behalf of the Codiga Resource Recovery Center at Stanford University, I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally.

The Codiga Resource Recovery Center at Stanford University is dedicated to testing novel technologies for water treatment, wastewater treatment and reuse. We partner with utilities to conduct pilot-testing for novel treatment technologies. This pilot-testing is critical to move technologies from laboratory-scale through full-scale implementation. Accordingly, we fully

support this effort to evaluate novel technologies to solve address regional challenges with discharges of nutrients and contaminants of emerging concern to San Francisco Bay.

We are particularly supportive of the diverse approaches outlined in the proposal, which include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding.

- Nature-Based Solutions (NBS**):** Advancing projects such as the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing, support reduction of CECs from RO Concentrate (ROC) and other similar waste streams prior to discharge to the San Francisco Bay, and deliver co-benefits including habitat enhancement, shoreline resilience, and flood protection.

- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently

Stanford University's Codiga Resource Recovery Center recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

Stanford University's Codiga Resource Recovery Center fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at wamitch@stanford.edu.

Sincerely,

William Mitch
Codiga Resource Recovery Center
Stanford University

Teach EARTH Action

February 24, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Attn: San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support from Teach Earth Action for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer:

On behalf of Teach Earth Action (TEA), I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this important initiative.

TEA believes faculty from across the disciplines can reimagine their teaching to confront climate change and environmental injustice. We support this belief by offering training and strategic support for institutes of higher education. TEA has partnered with government agencies, municipalities, community colleges, and local nonprofits across the Bay Area on real-world projects that address local impacts of climate change. We are particularly supportive of the diverse approaches outlined in the proposal, which include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding.

- Nature-Based Solutions (NBS): Advancing projects like the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing alongside habitat enhancement and flood resilience.

- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently

Teach Earth Action recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

Teach Earth Action fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me at tom@teachearthaction.org.

Sincerely,

Tom deWit | President and Co-Founder
Teach Earth Action
tom@teachearthaction.org

Transportation Authority of Marin

900 Fifth Avenue
Suite 100
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California 94901

Phone: 415-226-0815
Fax: 415-226-0816

www.tam.ca.gov

February 24, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Subject: Support from Transportation Authority of Marin for the Bay Area Clean Water Agencies' (BACWA) Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer,

As the Executive Director of the Transportation Authority of Marin (TAM), I am writing to express our support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin (SASM), City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Of the notable projects included in the grant, SASM's feasibility study at North Bothin Marsh is of particular interest to TAM. This project provides a multi-benefit solution for sea level rise adaptation, ecosystem restoration and adaptation, public access, and nutrient reduction. TAM recently developed a Sea Level Rise Adaptation Planning Study for Marin County's Transportation System that evaluated areas in the County that are most vulnerable to sea level rise as well as which transportation, community, and critical assets are exposed. In the Study, Mill Valley is identified as a Vulnerable Location with a series of potential adaptation solutions that could aid in protection of the area. This feasibility study represents a critical opportunity to evaluate the potential benefits of a horizontal levee in enhancing resilience to sea-level rise along with other benefits.

TAM supports this collaborative effort to protect the Bay while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge close and careful consideration to providing EPA grant funding to support the regional collaboration necessary for a sustainable San Francisco Bay.

Sincerely,

Anne Richman
Executive Director

UNIVERSITY OF CALIFORNIA, BERKELEY

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ENVIRONMENTAL ENGINEERING PROGRAM
DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING
631 DAVIS HALL #1710
BERKELEY, CALIFORNIA 94720-1710

PHONE: (510) 642-4011
FAX (510) 642-7483

February 16, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105
Attn: FY 2026 San Francisco Bay Geographic Program Office Proposal Review Committee

Subject: Support for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer:

As a faculty member and Director of the Berkeley Water Center, I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. I am an enthusiastic supporter of this project because I recognize that the region is at a critical juncture in its effort to protect the San Francisco Bay from the adverse effects of nutrient discharges and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We respectfully request your support for this important initiative.

My research team has been involved in two aspects of efforts to achieve the goals articulated in this proposal for over 15 years. The first involves the fostering of regional collaboration on multi-benefit solutions. This efforts of the Bay Area One Water Network, which began with support from the National Science Foundation's Engineering Research Center for Reinventing the Nation's Urban Water Infrastructure (ReNUWIt) started efforts that are continuing through the Transforming Shorelines Collaborative and the continuing efforts of the One Water Network, which is now being led by the San Francisco Estuary Partnership (SFEP). The second area involves the use of nature-based treatment systems to improve water quality. This work, which started as a research project on Horizontal Levees funded by ReNUWIt has continued with support from local stakeholders. The first fully functional Horizontal Levee was recently completed by the City of Palo Alto.

This proposal includes requests for funding to advance both efforts that I have been involved with as a researcher. Therefore, I am enthusiastic about continuing to play an active role in the Bay Area One Water Network through participation in planning meetings, workshops and outreach conducted by the network. I also look forward to playing a role in the assessment of the expanded use of Horizontal Levees as multi-benefit solutions for problems related to managing residuals from water recycling projects. As an experienced researcher in this area, I look forward to collecting data needed to inform Horizontal Levee designs for projects like the project that the proposal team is considering in the area near the Silicon Valley Advanced Water Purification Center. This work is likely to include measurements of the removal of nutrients and other constituents from pilot-scale systems treating reverse osmosis concentrate and development of approaches for driving down Horizontal Levee construction and operational costs.

Over the past three decades, I have come to appreciate BACWA's support for successful regional coordination, fiscal responsibility and environmental protection. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

I urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact me by e-mail (sedlak@berkeley.edu) or phone (510 643 0256).

Sincerely,

David L. Sedlak
Plato Malozemoff Distinguished Professor

February 24, 2026

US EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
75 Hawthorne Street
San Francisco, CA 94105

Subject: Letter of Support from Santa Clara Valley Water District for BACWA's Clean Water Together proposal

Dear San Francisco Bay Geographic Program Office Proposal Reviewer:

On behalf of Santa Clara Valley Water District (Valley Water), I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership (SFEP), East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0.

Through on-the-ground implementation, targeted research, regional collaboration, and development of a nutrient trading framework, this effort will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this coalition will generate valuable insights and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. These efforts directly support regional collaboration and help protect the San Francisco Bay while advancing sustainable water reuse solutions.

Valley Water plays a critical role in advancing recycled and purified water programs in South Bay and is actively leading technical studies and evaluations focused on managing reverse osmosis concentrate (ROC), a by-product of advanced water purification. We recognize the importance of integrated regional solutions that address nutrients, emerging contaminants, and concentrate management in a manner that is technically sound, environmentally protective, and economically feasible.

We are particularly supportive of the diverse approaches outlined in the proposal, which include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints more efficiently and quickly.

- Nature-Based Solutions (NBS): Advancing projects like the "First Mile " Horizontal Levee and floating wetland islands to provide reduction of nutrients and other contaminants while enhancing habitat and flood resilience.

- Market-Based Solutions: Developing a regional nutrient trading program to leverage site-specific opportunities and achieve cost-effective aggregate load reductions.

Valley Water will play an active role in reviewing technical products, participating in workgroups and workshops, and coordinating to ensure project outcomes are technically sound, regionally aligned, and applicable to

advancing nutrient management and strategies in South Bay. This study will provide Valley Water and the City of San José with the information needed to determine whether to advance a nature-based solution for ROC management, nutrient reduction, and control of contaminants of emerging concern (CECs).

We look forward to contributing to the success of this project and collaborating with the broader team. Should you have any questions regarding this letter, please do not hesitate to contact Medi Sinaki. P.E., Senior Engineer, via email at msinaki@valleywater.org.

Sincerely,

Hossein Ashktorab, Ph.D.
Recycled and Purified Water Unit Manager
Valley Water (Santa Clara Valley Water District)

cc: M. Sinaki

ZONE 7 WATER AGENCY
Delivering Quality, Reliability and Safety

100 North Canyons Parkway
Livermore, CA 94551
(925) 454-5000

February 23, 2026

U.S. EPA Region 9 (WTR-2-2)
Attn: Luisa Valiela
San Francisco Bay Geographic Program Office
75 Hawthorne Street
San Francisco, CA 94105

Re: Support from Zone 7 Water Agency for BACWA's Clean Water Together Proposal

Dear Proposal Review Committee,

On behalf of Zone 7, I am writing to express our strong support of the proposal titled "Clean Water Together – A Coalition Proposal for Regional Nutrient Solutions" submitted by BACWA, with partners at the San Francisco Estuary Partnership, East Bay Municipal Utility District, Central Contra Costa Sanitation District, East Bay Dischargers Authority, Dublin San Ramon Services District, the City of South San Francisco, Mt. View Sanitary District, Sanitation Agency of Southern Marin, City of Burlingame, in response to the EPA's Notice of Funding Opportunity Number: EPA-R9-SFBay-26-0. As a region, we are at a critical juncture in protecting the San Francisco Bay, and this collaborative effort represents a viable and timely path toward sustainable nutrient management.

Through on-the-ground implementation, targeted research, regional collaboration, and the development of a nutrient trading program, this work will enable publicly owned treatment works (POTWs) to leverage site-specific opportunities while contributing to broader, system-wide nutrient and contaminant management strategies. We believe this collaboration will generate valuable, transferable insights beyond the immediate project areas and inform practical, scalable approaches to wastewater nutrient management across the Bay Area and nationally. We strongly encourage EPA Region 9 to fund this proposal and support this critical regional collaboration.

Zone 7 Water Agency (Zone 7) serves over a quarter of a million residents of the Tri-Valley area of Alameda County, California, acting as a water wholesaler to four retail water purveyors – including Dublin San Ramon Services District (DSRSD). Zone 7 is the exclusive groundwater basin manager for the Livermore Valley Groundwater Basin. Zone 7 supports DSRSD's primary strategy of water recycling for diverting nutrients from the San Francisco Bay while finding innovative solutions that complement its recycled water operations. Our agency is committed to advancing sustainable water management practices under the Sustainable Groundwater Management Act (SGMA). The proposed MABR pilot aligns with our objectives by exploring innovative solutions that enhance water quality when recycled water demand is low while

maintaining recycled water as a primary nutrient reduction strategy. This approach not only supports groundwater sustainability but also promotes beneficial reuse of water resources, which is critical for long-term resilience in our region.

We are particularly supportive of the diverse approaches outlined in the proposal, which include:

- Process Intensification: Piloting advanced technologies like Membrane Aerated Bioreactors (MABR) and Densified Activated Sludge (DAS) to reduce nutrients within existing plant footprints, achieving nutrient reductions more efficiently and more quickly than would otherwise be possible without this funding.

- Nature-Based Solutions (NBS): Advancing projects like the "First Mile" Horizontal Levee and floating wetland islands to provide nutrient polishing alongside habitat enhancement and flood resilience.

- Market-Based Solutions: Developing a regional nutrient trading program that leverages site-specific opportunities to achieve aggregate load reductions more efficiently.

Zone 7 Water Agency recognizes BACWA's long-standing history of successful regional coordination and fiscal responsibility. Their collaboration with the San Francisco Estuary Partnership (SFEP) ensures robust administrative oversight and effective technology transfer across the region. We are confident that this coalition will deliver high-impact results that serve as a national model for watershed-scale nutrient management.

Zone 7 fully supports this collaborative effort to protect our Estuary while practicing economic efficiency with the co-benefits of drought and flooding resilience. We urge the EPA to fund this proposal and support the regional collaboration necessary for a sustainable San Francisco Bay. If you have any questions, please contact Carol Mahoney, Government Relations Manager at carol@zone7water.com | (925) 454-5064.

Sincerely,

Valerie L. Pryor

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General Manager