



SAN FRANCISCO BAY
RESTORATION AUTHORITY

MEMORANDUM

DATE: June 07, 2019

TO: Governing Board
San Francisco Bay Restoration Authority

FROM: Sam Schuchat, Executive Officer
Matt Gerhart, Program Manager
San Francisco Bay Restoration Authority

SUBJECT: Staff's Recommendation on Projects to be Considered for Funding through Grant Round 2

In response to its second grant solicitation, the San Francisco Bay Restoration Authority (Authority) received 15 applications requesting a total of approximately \$83 million, of which \$57 million was requested by the Santa Clara Valley Water District for the South San Francisco Bay Shoreline Project. The authority has approximately \$21.5 million available to authorize for Round 2 projects.

Staff and members of the Advisory Committee reviewed and scored the applications and obtained additional information from applicants, as needed. Based on this process, staff developed the following list of projects to be recommended for funding in Grant Round 2:

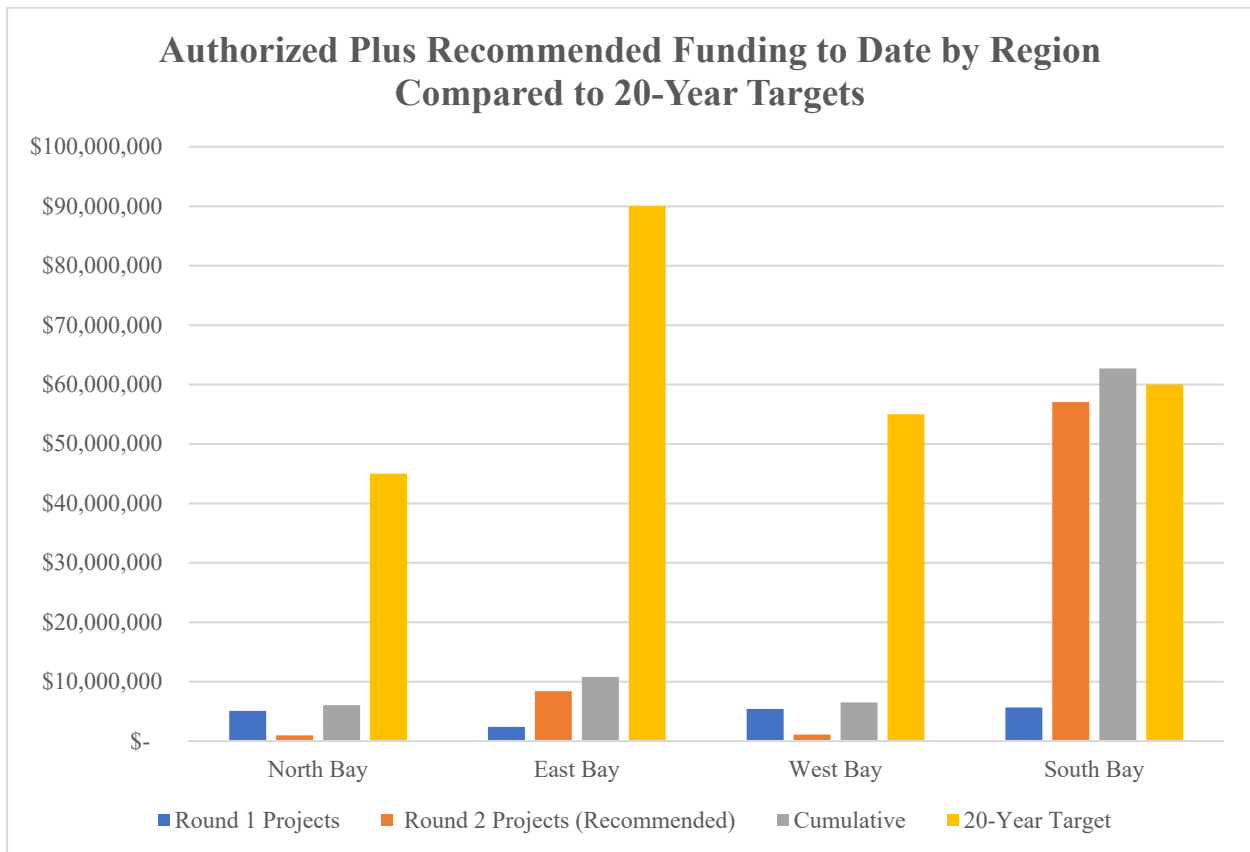
- Tiscornia Marsh Restoration and Sea Level Rise Adaptation Project
- South San Francisco Bay Shoreline Project (multi-year funding of approx. \$11 million/year)
- Lower Walnut Creek Restoration Project
- Coyote Hills Restoration and Public Access Project
- Heron's Head Park Shoreline Resilience Project (partial funding)

Measure AA requires that revenue be allocated to projects throughout the region, with 50% of funds allocated to the four Bay Area regions in proportion to each region's share of the Bay Area's population, as determined in the 2010 census, and 50% allocated without regard to county. The minimum percentages that will be allocated to each of the four Bay Area regions are listed below:

- North Bay (Sonoma, Marin, Napa and Solano Counties) = 9% minimum allocation;
- East Bay (Alameda and Contra Costa Counties) = 18% minimum allocation;
- West Bay (City and County of San Francisco and San Mateo County) = 11% minimum allocation; and
- South Bay (Santa Clara County) = 12% minimum allocation.

Twenty-year targets for minimum allocations were calculated assuming that Measure AA generates roughly \$500 million over 20 years. The table and chart below show progress toward these targets. If the Authority approves the full amount of funding in the staff recommendation for the South Bay Shoreline Project, the South Bay minimum allocation will be met.

	North Bay	East Bay	West Bay	South Bay
Round 1 Projects	\$ 5,073,764	\$2,402,386	\$5,394,958	\$5,652,792
Round 2 Projects (Recommended)	\$968,916	\$8,379,855	\$1,100,000	\$57,026,673
Cumulative	\$6,042,680	\$10,782,241	\$6,494,958	\$62,679,465
20-Year Target	\$45,000,000	\$90,000,000	\$55,000,000	\$60,000,000



Please see the attached spreadsheet for the full list of projects and funding amounts requested. Staff has sent letters to proponents indicating these recommendations and has begun the process of bringing projects to the governing board as they are ready for approval.

SFBRA Grant Round 2 Staff Funding Recommendations

Organization	Partner Entities	Project Name	Project Summary	Average Score	Amount Requested	Amount Recommended: This Fiscal Year	Amount Recommended: Future Fiscal Years
Marin Audubon Society	City of San Rafael, Marin County BayWAVE, Shore Up Marin, San Francisco Bay Trail, San Francisco Bay Joint Venture, STRAW, Friends of San Rafael, Marin Community Foundation	Tiscornia Marsh Restoration and Sea Level Rise Adaptation	Prepare technical studies, refine the design, conduct CEQA review and public outreach for a sea level rise adaptation project that will expand marsh habitat and increase flood protection and provide public access for the underserved Canal community.	91	\$968,916	\$968,916	
Santa Clara Valley Water District	U.S. Army Corps of Engineers, California State Coastal Conservancy, U.S. Fish and Wildlife Service	South San Francisco Bay Shoreline: Economic Impact Area 11	The Project is a partnership between the District, U.S. Army Corps of Engineers, California State Coastal Conservancy and U.S. Fish and Wildlife Service, and is located in the City of San José, Santa Clara County. The Project aims to restore approximately 2,900 acres to its original tidal action and baylands habitat; provide 1-percent coastal flood risk management including improved shoreline resilience against projected sea level rise; and provide recreational enhancement opportunities and San Francisco Bay Trail connections.	89.33	\$57,026,673	\$11,000,000	\$46,026,673
Contra Costa County Flood Control and Water Conservation District	John Muir Land Trust	Lower Walnut Creek Restoration	The Project will restore and enhance brackish tidal wetlands and adjacent uplands along the southern shore of Suisun Bay, Walnut Creek and Pacheco Creek. The Project will improve habitat quality, diversity, and connectivity along 3.2 miles of creek channel (up to 328 acres). The Project provides flood protection that will be sustainable with natural sedimentation processes. Public trails and associated amenities will offer visitors opportunities for wildlife-compatible recreation, environmental educational and broad vistas of the Project area, Suisun Bay and Mount Diablo.	88.67	\$7,929,855	\$7,929,855	
East Bay Regional Park District		Coyote Hills Restoration and Public Access	The Coyote Hills Restoration and Public Access Project will restore rare high value habitat along the Bay margin including wet meadow, seasonal wetland, coastal prairie, willow thicket and mixed riparian forest habitat and provide public access on 306 acres expanding the eastern park boundary.	82	\$450,000	\$450,000	

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Port of San Francisco	Literacy for Environmental Justice, San Francisco State University - Estuary & Ocean Science Center	Heron's Head Park Shoreline Resilience	The Port proposes to plan, permit, and construct a living shoreline at Heron's Head Park to control erosion, protect wetland habitat and upland public access, improve ecological function and biodiversity, and enable adaptation to sea level rise. The project will include planting, monitoring and stewardship.	84.75	\$3,456,600	\$1,100,000	
City of Palo Alto	Palo Alto Open Space, Parks and Golf Administration, and Baylands Comprehensive Conservation Plan Stakeholder Advisory Group	Renzel Marsh Restoration and Enhancement	Design and permitting for the restoration of the 160-acre Renzel Marsh complex, including enhanced tidal influence, tidal marsh restoration, and exploration of upland/transitional wetland restoration options using treated wastewater effluent for irrigation. Multiple benefits of this project include restoration and enhancement of low-quality tidal marsh; increased tidal action for improved water quality and flood risk reduction; new trails for recreation and education; and demonstration of cost-effective contaminant removal/sea level rise (SLR) adaptation strategies, via green infrastructure.	78.75	\$956,250		
East Bay Regional Park District	City of Richmond	Point Molate Shoreline Restoration and Public Access	Construct 1.0 mile of San Francisco Bay Trail on the Point San Pablo shoreline; provide improved public access to Point Molate Beach Park; remove approx. 800 liner feet of shoreline debris; and restore and enhance approx. 10,000 sq. ft. of shoreline beach, grassland and coastal scrub.	77.75	\$2,500,000		

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Point Blue Conservation Science	San Pablo Bay National Wildlife Refuge, Sonoma Land Trust, Sonoma Resource Conservation District, Sonoma Water, California Department of Fish and Wildlife, San Francisco Bay Joint Venture, Sonoma County Water Agency, Federated Indians of the Graton Rancheria, and school partners	Restoring Wetland-Upland Transition Habitat in the North Bay with STRAW: Phase II	Building on our successful Round 1 Measure AA funding, Point Blue Conservation Science will restore 8 acres and 1.6 linear miles of new critical wetland-upland transition zone habitat in Napa, Sonoma and Solano Counties to create high-quality habitat and high-tide refugia for wildlife, especially two federally endangered species. Restoration work will engage 5,280 STRAW (Students and Teachers Restoring a Watershed) participants at two sites in the San Pablo Bay National Wildlife Refuge: Cullinan Ranch and an expansion of our previously funded work at the Dickson Unit. Additionally, we will add scientific studies to inform adaptive management of cost-effective transition zone restoration at our two new proposed sites as well as build in this science to the restoration design at the four sites funded under Round 1 of this solicitation: San Pablo Bay National Wildlife Refuge, Pickleweed Park in San Rafael, and Shollenberger Park and McNear's Landing in Petaluma.	75.25	\$3,142,385		
Golden Gate National Parks Conservancy	Marin County Parks & Open Space District	Sea Level Rise Adaptation Planning and Design for Bothin Marsh Open Space Preserve	Conceptual Adaptation Design of Bothin Marsh to preserve active transit, habitat diversity, recreation access and flood protection.	74.67	\$1,000,000		
Audubon California	Marin County Parks, San Pablo Bay National Wildlife Refuge	Learning from Aramburu Island and Sonoma Creek Restoration Projects	As part of Audubon California's long term commitment to ensuring the success of and learning lessons from two regionally-significant restoration projects, we will collect and analyze environmental monitoring data at Aramburu Island and Sonoma Creek marsh, both of which used precedent-setting approaches to restore habitat for wildlife. These data will be used to 1) inform on-site adaptive management efforts and 2) make specific recommendations to permitting agencies/monitoring programs in San Francisco Bay, including the WRMP, BCDC's Bay Fill plan update, and BRRIT.	73	\$383,387		

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Ducks Unlimited, Inc.	Mt. View Sanitary District, East Bay Regional Park District	McNabney Marsh Enhancement	The McNabney Marsh Enhancement Project team is seeking capstone funding to complete the planning effort needed to dramatically improve 120 acres of fresh and low salinity wetland habitat along the Carquinez Strait in one of the most productive parts of the estuary, improving habitat quality and water quality to benefit myriad fish and wildlife and people and specifically seeking to improve community connection to and use of the marsh by the adjacent disadvantaged Vine Hill community.	70	\$250,000		
City of Petaluma	U.S. Army Corps of Engineers; Ducks Unlimited	Beneficial Reuse of Sediment Dredged from Petaluma River	The U.S. Army Corps of Engineers (USACE) is funded for preparing to dredge the upper Petaluma River with anticipation of this work to be included in their FY19 Workplan. With the USACE current project plan the approximately 350,000 cubic yards of dredging material is planned to be deposited at the City of Petaluma's Shollenberger Dredge Disposal Site and in-bay at SF-10. The SFBRA grant will fund the transport and placement of this sediment for beneficial re-use at a Cullinan Ranch or another SFBJV approved project site for habitat restoration rather than at the Shollenberger Dredge Disposal Site and SF-10.	65.33	\$1,580,000		
City of San Leandro		Roberts Landing Shoreline and Long Beach Restoration	Long Beach is a 1,000-foot-long natural sand spit in the East Bay. It is located within the Roberts Landing area and has lost much of its sand. The erosion of the sand and the levee behind the beach that protects the brackish water of the salt marsh are threatening the habitats of the beach and the salt marsh. The project will repair the levee and nourish the beach to preserve the habitat and restore public access to this unique and vital area of the Bay.	59	\$1,792,180		
East Bay Regional Park District	California State Parks	Berkeley Brickyard Planting and Public Access	The project will enhance and defragment shoreline habitat in the 50-acre Brickyard Area of McLaughlin Eastshore State Park. Measure AA funds are requested to complete the planting/vegetation; the public access components are funded through a California State Parks grant.	58.33	\$420,000		

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San Francisco Bay Joint Venture	Point Blue Conservation Science, San Francisco Estuary Institute, San Francisco Bay National Estuarine Research Reserve, San Francisco Bay Conservation and Development Commission	Baylands Restoration Actions Verification and Accountability (BRAVA)	This project provides accountability to the region's voters by developing baseline maps and tools by which wetlands change can be measured as a result of the investment of voter-approved Measure AA funds. It develops new datasets for unmapped habitats, fixes existing project databases, generates the Authority's restoration baseline, develops and validates change analysis methods, and provides public outreach for broad application.	55	\$1,405,371		
					Total Amount Requested	\$83,261,617	
					Amount Recommended: This Fiscal Year	\$21,448,771	
					Amount Recommended: Future Fiscal Years	\$46,026,673	
					Total Amount Recommended	\$67,475,444	