



SAN FRANCISCO BAY

RESTORATION AUTHORITY

Draft Annual Report, Fiscal Year 2018 - 2019

What is the San Francisco Bay Restoration Authority?

The San Francisco Bay Restoration Authority is a regional agency created to fund shoreline projects that will protect, restore, and enhance San Francisco Bay through the allocation of funds raised by the 2016 Measure AA parcel tax.

Now in its third year of grant making, the Authority is a vital source of local, long-term funding for projects that help us realize the significant environmental, recreational and flood protection benefits of restoring tidal wetlands and wildlife habitat.

The Authority was created by the California Legislature in 2008 to find solutions to the need for new, local funding to replace reduced funding from traditional sources. Its enabling legislation gives the Authority the unique capacity to raise funds locally throughout the Bay Area and the oversight capacity to ensure transparency and prevent waste. Its purpose is restoration, not regulation.

The Authority is comprised of:

- A Governing Board of local elected officials;
- An Advisory Committee to represent the community and public agencies;
- An Oversight Committee; and,
- Staff from state and regional agencies.

This report highlights the Authority's activities and initiatives during Fiscal Year 2018 – 2019 (FY 18-19).

Message from the Chair

Thanks to Bay Area voters, San Francisco Bay is well on its way to realizing the significant environmental, recreational and flood protection benefits resulting from restoring tidal wetlands and wildlife habitat.

These benefits are only possible due to Measure AA, a 20-year, \$12 parcel tax that was passed in June 2016 by 70% of the voters across all nine Bay Area counties.

This past year, the San Francisco Bay Restoration Authority allocated \$67.5 million in near- and long-term funding for a range of projects. Grants include \$1 million to plan for expansion of tidal marsh, flood protection, and Bay Trail construction at Tiscornia Marsh in Marin County, \$5 million for the cleanup and restoration of a parcel of scarce San Francisco waterfront park land, and a \$57-million five-year commitment for the design and construction of a 4-mile ecotone levee in the South Bay as the first phase of restoring 2,900 acres of managed open water ponds to tidal marsh.

But this is just the beginning.

As promised during the Measure AA campaign, the 20-year grant program will help fund the creation of 15,000 acres of restored wetlands and tidal marsh, 20 miles of levees that facilitate wetlands restoration, 25 miles of new Bay Trail segments, and 15 trails, staging areas or other public access facilities that connect wetland restoration projects to shoreline communities.

Each spring since 2018, the Restoration Authority Governing Board has approved grants for a variety of projects around the Bay to meet the promised goals under Measure AA. By the end of FY 2018-2019, we had funded projects that will achieve 28% of the wetland restoration goal, 30% of the levee construction objective, and 13% of the Bay Trail objective. By the end of FY 19-20, we expect to exceed our target for funding improvements that will provide more public access to restored habitats.

To help ensure transparency and accountability to taxpayers, the Restoration Authority appointed and convened an Oversight Committee that operates independently from the board and staff of the Restoration Authority. The Oversight Committee issued its first report this year and found that the Restoration Authority has established a solid selection and implementation process for restoration projects, and is spending the funds raised by Measure AA in conformance with the law and intent of the voters.

The Restoration Authority also maintains an Advisory Committee made up of a diverse group of experts and stakeholders. The Advisory Committee, working in partnership with an equity and community engagement consultant, recently provided recommendations to the Governing Board to further the goal of ensuring that the benefits of Measure AA are shared by everyone.

While we are greatly encouraged by our recent successes, we are also keenly aware that we are very much in a race against time.

In 2015, scientists released an update to the Baylands Ecosystem Habitat Goals report warning that without rapid and significant investment in wetland restoration, rising seas and greater erosion will cause wetlands to shrink. The risk we face is that existing sites that could be restored will be drowned by the rising bay waters. Tidal wetlands could eventually retract to narrow strips or disappear altogether.

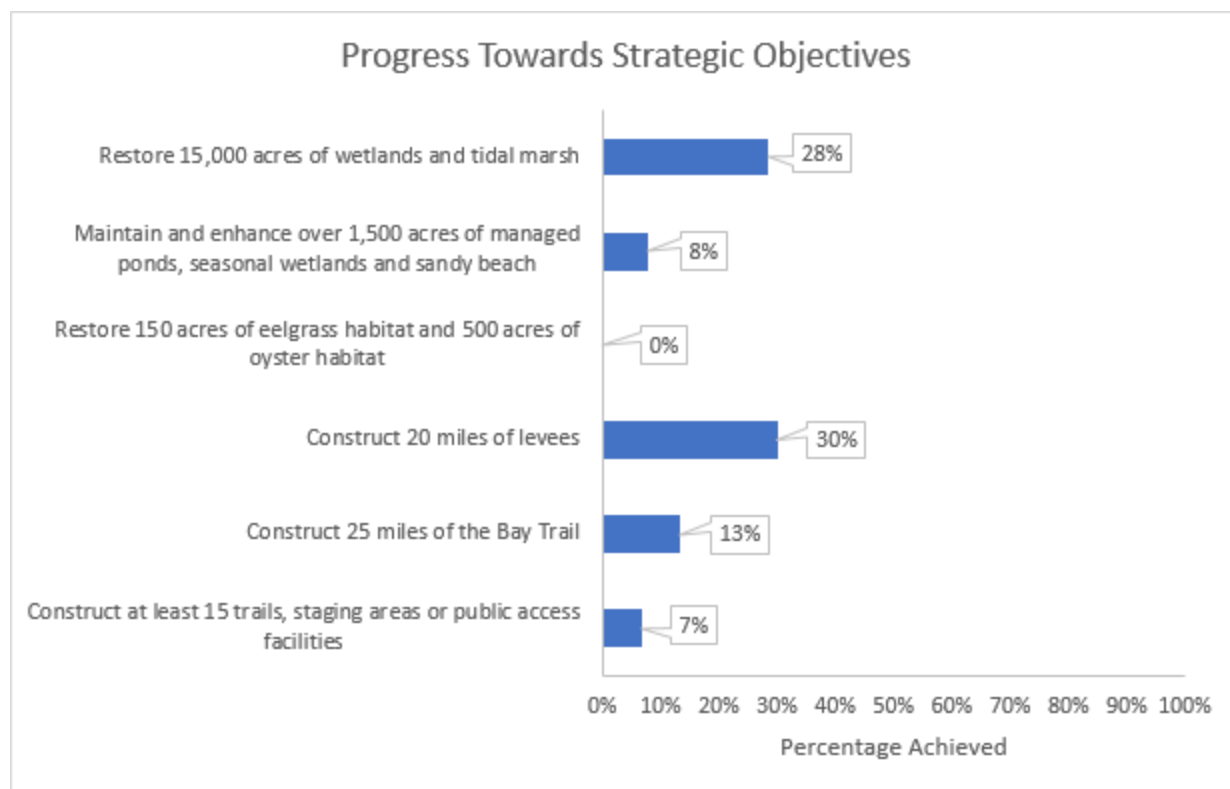
Wetlands are the Bay's first line of defense—trapping polluted runoff before it reaches open water, buffering against flooding from rising sea levels and storms, preventing erosion, and capturing greenhouse gases to counter climate change. If our tidal wetlands disappear, so will this vital and natural system of protection.

To expedite the recovery of precious wetlands, the planning, permitting, and construction of restoration projects must be accelerated. To that end, one novel approach we have taken is to form the San Francisco Bay Restoration Regulatory Integration Team (BRRIT). The BRRIT consists of funded staff from six state and federal regulatory agencies with jurisdiction over wetland restoration projects in San Francisco Bay. The purpose of the BRRIT is to improve the permitting process for restoration projects by assigning dedicated agency representatives to review project information and permit applications as a team. This approach is designed to limit and quickly resolve interagency conflicts and advance permit processing by different agencies on parallel tracks as much as possible. This will allow funded projects to start construction sooner, saving both time and money.

The Bay Area's quality of life and economy depend on a healthy and vibrant San Francisco Bay. To restore the Bay we have put in place comprehensive science based restoration plans, a 20-year local funding source through Measure AA, and a local collaborative partnership to expedite permitting. But with sea level rise accelerating, we have limited time to complete the critical restoration work that is needed.

As we enter our third year of grantmaking, we understand the scope of the task at hand and are grateful for the wisdom and forward-thinking vision of Bay Area voters who have made the restoration of the Bay possible.

- Supervisor Dave Pine, Chair of the Governing Board, February 2020



Environmental Justice, Equity and Community Engagement

The Bay Area is one of the most economically divided regions in the country. Too often the burdens and pressures of development have been borne by those with the fewest resources, while its benefits have been conveyed to the more affluent. The Authority aims to incorporate practices that support equity, environmental justice and community engagement in our work to help address these inequities.

In June of 2018, the Authority's Advisory Committee convened an Environmental Justice Panel to begin the conversation about how the Measure AA grant program can better engage with and serve economically disadvantaged communities (EDCs). This panel, and the advice of the Advisory Committee, led the Authority to hire an equity consultant to identify gaps in the Measure AA grant program related to serving and engaging EDCs, and to recommend actions to remediate those gaps. The consultant, hired in February 2019, was also asked to identify tactics and approaches to integrate racial and environmental justice into the Authority's operations over the life of Measure AA.

The consultant conducted interviews with equity experts and focus group discussions with EDC representatives, including many leaders of community-based

organizations. The Advisory Committee's Community Engagement / EDC Ad Hoc Subcommittee provided input to the consultant during this process. .

At its June 2019 meeting, the Governing Board approved initial recommendations to make the Authority's grant process more accessible, including extending the grant application deadline in the third grant round to give applicants more time and adding guidance on meaningful community engagement to grant materials.

The equity consultant and the Advisory Committee's EDC Ad Hoc Subcommittee will complete their reports and recommendations in FY 19/20, which will give the Authority further insight on how to put the values of equity, community engagement and environmental justice into action.

Spotlight on the Bay Restoration Regulatory Integration Team (BRRIT)

It is often said that the three main hurdles for restoration projects are funding, permits and dirt. With Measure AA providing \$25 million for Bay restoration each year, projects have a local, long-term, substantial funding source. The Bay Restoration Regulatory Integration Team (BRRIT) is intended to tackle the second of those hurdles.

Convened in 2019, the purpose of the BRRIT is to improve the permitting process for restoration projects by assigning representatives from each regulatory agency to review project information collaboratively and prepare permits as a team. This approach is designed to limit and quickly resolve interagency conflicts, and to advance permits from different agencies on parallel tracks as much as possible, reducing the time and complexity of permitting.

The BRRIT consists of staff dedicated to this purpose from the six state and federal regulatory agencies with jurisdiction over habitat restoration projects in San Francisco Bay and along its shoreline, including:

- U.S. Army Corps of Engineers (Corps)
- U.S. Fish and Wildlife Service (USFWS)
- NOAA National Marine Fisheries Service (NOAA Fisheries)
- San Francisco Bay Regional Water Quality Control Board (RWQCB)
- California Department of Fish and Wildlife (CDFW)
- San Francisco Bay Conservation and Development Commission (BCDC)

The U.S. Environmental Protection Agency (USEPA) participates on an ad hoc basis.

Any project fulfilling the eligibility criteria for Measure AA can apply for permitting through the BRRIT process regardless of whether it has received funding from the Authority.

A Policy and Management Committee made up of agency managers has been formed to coordinate with the BRRIT and resolve policy issues that may otherwise delay permit decisions. This group also reviews the BRRIT against performance measures that include permitting timelines, application processing, and staff commitments.

The BRRIT is funded by the Authority, State Coastal Conservancy, Santa Clara Valley Water District (now known as Valley Water), Bay Area Toll Authority, and East Bay Regional Park District. The state and federal regulatory agencies are providing additional in-kind resources.

Authority Projects

The Authority's second Request for Proposals (RFP), issued in Fall 2018, netted 15 applications requesting \$83 million dollars for restoration projects spanning the Bay's nine counties. With approximately \$25 million to allocate each year, the Authority selects projects based upon their alignment with the objectives of Measure AA and the scale of their impact.

In this second round of funding, staff from the Authority selected four new projects to recommend to the Governing Board:

- Tiscornia Marsh Restoration and Sea Level Rise Adaptation Project
- Lower Walnut Creek Restoration Project
- Coyote Hills Restoration and Public Access Project
- Heron's Head Park Shoreline Resilience Project (partial funding)

Of these four new Round 2 projects, Tiscornia Marsh Restoration was approved by the Board in June 2019. The remaining three projects from Round 2 will be presented in the next fiscal year. In addition, the Governing Board approved funding for the final project from Round 1, and augmentations to two other Round 1 projects in FY 18/19.

In total, the Board approved four funding authorizations in FY 18/19:

- \$1 million for Tiscornia Marsh Restoration and Sea Level Rise Adaptation Project
- \$57 million augmentation to the South San Francisco Shoreline Project over the next 5 years, including \$11 million in FY 18/19

- \$600,000 augmentation to South Bay Salt Ponds Restoration Project for the Eden Landing portion of the project
- \$5 million for 900 Innes Remediation Project (from Round 1)

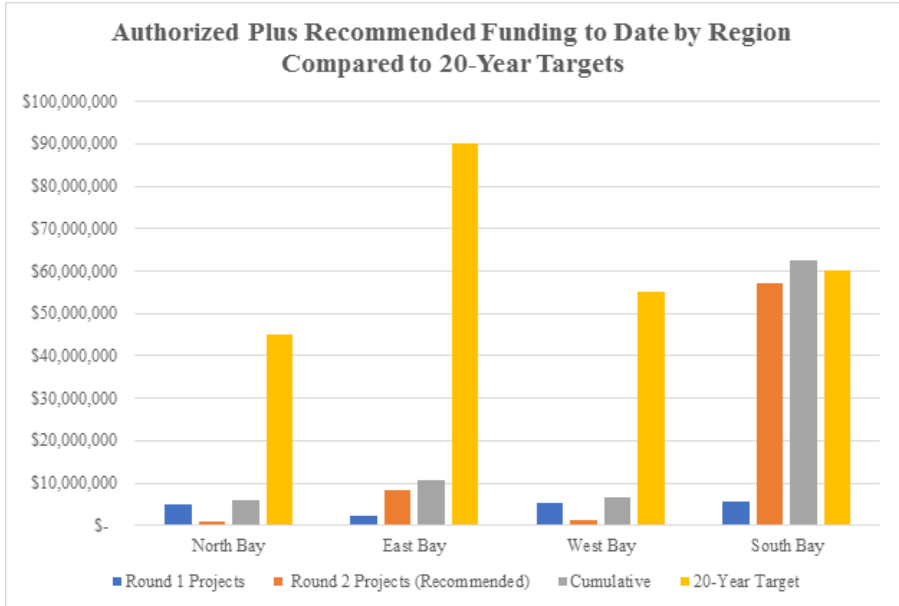
The following Round 2 projects will be presented to the Board for consideration in FY 19/20:

- \$8 million for the Lower Walnut Creek Restoration Project
- \$450,000 for the Coyote Hills Restoration and Public Access Project
- \$1.1 million for the Heron's Head Park Shoreline Resilience Project

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 location. 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 below shows progress toward these targets.



Updates on Funded Projects

Projects in the Second Grant Round that were Awarded Funding in FY 18/19

Project: Tiscornia Marsh Restoration and Sea Level Rise Adaptation
Grantee: Marin Audubon Society
Amount: \$968,916

With this funding, Marin Audubon Society and its partners, including the Multicultural Center of Marin, will prepare technical studies, refine designs, and conduct CEQA review and public outreach for marsh restoration and sea level rise adaptation actions at Tiscornia Marsh in San Rafael. When complete, the project will expand marsh habitat, increase flood protection, and provide public access at the mouth of the San Rafael Canal. Marin Audubon Society will oversee the development of 30% preliminary design and the CEQA review process, with the City of San Rafael as the lead agency, using Authority funding.

Project: South San Francisco Bay Shoreline Project
Grantee: Santa Clara Valley Water District (Valley Water)
Amount: \$61,466,079 (\$4,439,406 in the first grant round, \$57,026,673 awarded in the second grant round to be allocated over 5 years)

The South Bay Shoreline Project is a multi-benefit flood protection project that will restore 2,900 acres of former salt evaporation ponds and improve public access to the bayshore in the Alviso area of the South San Francisco Bay. The Authority directed \$4.4 million in funding to this project in Round 1 and a further \$57 million in

Round 2, to be paid out over the next five years. This funding will support the design and construction of a flood protection levee and ecotone transition slope between the levee and tidal marsh, opening the former salt ponds to tidal action, and completing the public access improvements. After several years of studying the site and developing plans, in Summer 2019 Valley Water began importing material to the site for use in levee construction. The construction of the first levee segment will begin in Spring 2020.

Project: South Bay Salt Ponds Restoration Project, Phase 2

Grantee: Ducks Unlimited, Inc.

Amount: \$8,021,730 (\$6,221,730 to Ducks Unlimited, Inc. and \$1,200,000 to the California Wildlife Foundation in the first grant round, \$600,00 granted to Ducks Unlimited in the second grant round)

This grant provided the final funding necessary to complete Phase 2 of the South Bay Salt Pond Restoration Project (SBSPRP) (Phase 2) in the Ravenswood and Alviso Ponds and launch the next phase of the project's adaptive management science program. One of the largest wetland restoration projects in the United States, the SBSPRP is a multiagency effort to restore 15,100 acres of former salt evaporation ponds in South San Francisco Bay in phases over a 50-year period.

Ducks Unlimited has completed 90% level of design for Island Ponds tidal wetland enhancement, 60% level of design for the Ravenswood Ponds project, and has kicked off Eden Landing Ponds design by undertaking initial site surveys as part of the implementation of Phase 2. In support of the project's adaptive management, the California Wildlife Foundation has managed surveys of nesting waterbirds in the South Bay, assessed migratory bird use in the project area, mapped South Bay wetland habitats using satellite imagery, and initiated a 10-year trend analysis of bird use in the project area. The Authority Governing Board approved a \$600,000 augmentation to for final construction planning and design of the Eden Landing portion of this project in June 2019.

Updates on Projects Awarded Funding in the First Grant Round

Project: Deer Island Basin Tidal Wetlands Restoration Project

Grantee: Marin County Flood Control District

Amount: \$630,000 (modified to \$520,000)

The Authority made this grant in the first round of funding for the preparation of detailed designs, permit applications, and environmental documentation for the Deer Island Tidal Basin Wetlands Restoration Project.

FY 18/19 Update: The Authority authorized \$630,000 toward this project, \$520,000 of which was awarded for planning and CEQA development. In November of 2018 the Marin County Board of Supervisors voted unanimously to execute the \$520,000

grant disbursement agreement to pursue project design. The final \$110,000 may be made available to Marin County to pursue final design if and when The Marin County Board of Supervisors adopts a final CEQA document, and the Authority's Governing Board concurs at a future meeting.

Project: Restoring Wetland-Upland Transition Zone Habitat in the North Bay with STRAW

Grantee: Point Blue Conservation Science

Amount: \$2,661,264

This grant was authorized to fund Point Blue Conservation Science to restore approximately 1.3 linear miles of critical wetland-upland transition zone habitat in the North Bay, engaging over 5,000 STRAW (Students and Teachers Restoring a Watershed) participants at four sites over the course of five years.

FY18/19 Update: Multiple planting, restoration and maintenance days have been completed by staff and volunteers at the San Pablo Bay National Wildlife Refuge site. The 524 linear feet of wetland-upland transition zone habitat installed during the planting season represents 8% of the total that will be restored during the project.

Project: Sonoma Creek Baylands Strategy

Grantee: Sonoma Land Trust

Amount: \$172,500

This authorization funds the Sonoma Land Trust (SLT) to develop a strategy for landscape-scale restoration, flood protection and public access in the Lower Sonoma Creek portion of the San Pablo Baylands.

FY 18/19 Update: SLT entered into a contract with the San Francisco Estuary Institute and its subcontractors to develop the strategy. In addition, the Authority amended the grant agreement to add \$22,500, matched by \$25,000 from the U.S. Fish and Wildlife Service, to model two additional alternatives, one that maximizes tidal restoration and one that maximizes non-tidal options for the landscape. These alternatives will be used to develop a hybrid strategy that maximizes the Sonoma Creek Baylands' connectivity to adjacent uplands.

Project: Montezuma Wetlands Restoration Project, Phase 1

Grantee: Montezuma Wetlands LLC

Amount: \$1,610,000

Funding for this project supports tidal and seasonal wetland restoration on approximately 630 acres of currently diked baylands along Montezuma Slough and enhancement of adjacent uplands in Suisun Marsh.

FY 18/19 Update: Construction of the project began in September 2018 and continued through October 2018. By the end of October, approximately 17% of the planned ecotone slope was finished and 35% of the flood protection levees were constructed. Invasive plant removal work and wetland surveys were also completed.

Project: Encinal Dune Restoration and Public Access

Grantee: East Bay Regional Park District

Amount: \$450,000

This funding supports the East Bay Regional Park District (EBRPD) implementation of the Encinal Dune Restoration and Shoreline Stabilization Project which will remove invasive ice plant, a rusting barge and other debris, and restore dune habitat at Encinal Beach.

FY18/19 Update: The EBRPD entered into an agreement with the Authority in May 2019. Permits are nearly complete and construction of the project is expected to begin in Summer 2020.

Project: San Leandro Treatment Wetland for Pollution Reduction, Habitat Enhancement, and Shoreline Resiliency

Grantee: City of San Leandro

Amount: \$539,000

The Authority made this grant to fund the preparation of detailed designs, permit applications, and environmental documentation for the restoration of a 4.3- acre wastewater storage basin to create a multi-benefit treatment wetland at the City of San Leandro's Water Pollution Control Plant, and develop a community-based shoreline resiliency and tidal marsh restoration vision for the surrounding area.

FY 18/19 Update: The San Leandro Treatment Wetland project was authorized for funding and the City entered into an agreement with the Authority in February 2019. The project team is finalizing selection for a design and permitting consultant. Several community outreach events have been hosted to inform community members about the project.

Project: 900 Innes Remediation Project

Grantee: City/County of San Francisco, Recreation and Park Department

Amount: \$4,998,600

This funding will enable the City and County of San Francisco, Recreation, and Park Department to remediate and restore soft-bottom intertidal and subtidal habitat, restore wetland functions, improve ecosystem services, and enhance recreation at the 900 Innes site, located in the Bayview-Hunters Point neighborhood.

FY 18/19 Update: The 900 Innes Remediation Project, the final project selected from the first round of grant applications, was awarded funding by the Governing Board of the Authority in February 2019. The City/County entered into an agreement with the Authority in September 2019 and planning work will begin shortly.

Map of all projects recommended for funding



Performance Measures Table

Performance Measures	Unit	Amount (FY18-19)	Cumulative
Projects Authorized by the Governing Board	Projects	2	11
Types of Organization Funded			
Public Agency	Projects	1	8
Non-Profit Organization	Projects	1	4
Private For-Profit Entity	Projects	0	1
Public-Private Partnership	Projects	0	0
Multi-Agency Partnership or Joint Powers Authority	Projects	0	1
Types of Projects			
<i>Measure AA Program Areas Addressed (Note: All projects addressed two or more Program Areas)</i>			
Clean Water	Projects	1	8
Habitat Restoration	Projects	2	10
Flood Protection	Projects	1	6
Public Access	Projects	1	6
Pilot or demonstration projects	Projects	1	3
Special projects	Projects	0	1
Project Phases Funded			

Pre-Construction Only Projects	Projects	1	6
Construction Projects	Projects	1	6
Post-Construction Only	Projects	0	0
Habitat Restoration and Enhancement			
Number of restoration plans to be completed	Plans	1	5
Specific species targeted for restoration	List of specific target species for restoration	Salt marsh harvest mouse, ornate shrew, California vole, Ridgway's rail, black rail, California least tern, western snowy plover, red knot, western sandpiper, northern pintail, mallard, snowy egret, salmonids, steelhead trout, tidewater goby, delta smelt, longfin smelt, benthic infauna, epifaunal species, migratory birds, sea blite	
<i>Number of acres of habitat to be constructed divided by type</i>			
Beach Habitat	Acres	0	0.51
Managed Ponds	Acres	0	70
Tidal Marsh Complex	Acres	2.4	4268
Other Bayland	Acres	0	19
Seasonal Wetland	Acres	0	45
Other Subtidal	Acres	0	30
Shellfish Beds	Acres	0	0
Submerged Aquatic	Acres	0	0

Vegetation			
Upland Habitat	Acres	0	399
Total acres	Acres	2.4	4832
Levee Construction			
Miles of Levee to be constructed	Miles	0	6
Public Access			
Miles of Bay Trail to be designed	Miles	4	7.3
Miles of Bay Trail to be constructed	Miles	0	3.3
Miles of other trail to be designed (non-Bay Trail)	Miles	0	2.1
Miles of other trail to be constructed (non-Bay Trail)	Miles	0	3.2
Number of Water Trail sites expected to be designed	Sites	0	0
Number of Water Trail sites expected to be constructed	Sites	0	0
Public access enhancements	Enhancements	0	1
Youth Involvement			
Percentage of projects with significant youth involvement component	Percent of Projects	0	25

Number of youth to be engaged	People	0	5200
Benefits to Economically Disadvantaged Communities (EDCs)			
Percentage of projects providing benefits to EDCs	Percent of Projects	100	67
Volunteer Involvement			
Volunteer time	Hours	800	59,530
Number of unique volunteers expected to participate in restoration	Volunteers	5	5,285
Geographic Distribution of Funds Authorized			
North Bay	Dollars	\$968,916.00	\$6,042,680.00
East Bay	Dollars	\$600,000.00	\$2,402,386.00
West Bay	Dollars	\$4,998,600.00	\$10,393,558.00
South Bay	Dollars	\$57,026,673.00	\$62,679,465.00
Baywide	Dollars	\$ -	\$6,250,000.00
Total	Dollars	\$63,594,189.00	\$87,768,089.00
County Statistics			
County Distribution			

Alameda	Projects	0	3
Contra Costa	Projects	0	0
Marin	Projects	1	3
Napa	Projects	0	1
San Francisco	Projects	1	1
San Mateo	Projects	0	1
Santa Clara	Projects	0	2
Solano	Projects	0	2
Sonoma	Projects	0	2
Matching Funds and Other Contributions			
Total dollars matched by other funding sources	Dollars	\$95,999,193.00	\$147,358,572.00
Private contributions	Dollars	\$ -	
Other government contributions	Dollars	\$ -	
Administrative Costs from Tax Revenue			
Program administrative costs from tax revenue as a percentage of the total tax proceeds collected	Percent of Funds	4.62%	3.69%

Financial Summary, Fiscal Year 2018-2019

The Restoration Authority received the second year of parcel tax funds in fiscal year 18/19 totaling \$25,499,815. Investment and other revenue totaled \$549,034 and local and regional government contributions for the Bay Restoration Regulatory Integration Team (BRRIT) were \$375,000, for a total revenue of \$26,423,849 (Table 1). The combined two-year grand total for the Restoration Authority is \$51,787,903.

	FY 17/18	FY 18/19	Amount
Measure AA special tax	\$25,313,504.00	\$25,499,815.00	\$50,813,319.00
Investment Income	\$37,608.00	\$528,927.00	\$566,535.00
Miscellaneous	\$12,942.00	\$20,107.00	\$33,049.00
Revenue Local and Regional Government (for BRRIT)		\$375,000.00	\$375,000.00
Total Revenue	\$25,364,054.00	\$26,423,849.00	\$51,787,903.00

Administrative Summary

The beginning administrative fund balance was \$620,769. During FY 18/19, \$1,274,991 (Five percent of the Measure AA tax revenue) and \$549,034 (investment income and other revenue) was transferred into the account totaling \$2,444,794 available for administrative operations (Table 2). Staff implemented the work plan approved at the June 1, 2018 Governing Board meeting. A total of \$1,463,987 was approved for the 18/19 administrative operating budget. Part of the budget included \$369,421 to repay the first portion of the ballot costs (3 equal payments over 3 years). Of the remaining \$1,094,566 budgeted to administer the authority, \$807,708 was expended, for a total of \$1,177,129. The ending administrative fund balance was \$1,267,665.

	Budget	Actual
Investment Income and Other Revenues	\$300,000.00	\$549,034.00
Expenditures		
Staffing, Professional Fees, Overhead, and Other	\$1,094,566.00	\$807,708.00
Ballot Costs	\$369,421.00	\$369,421.00
Total Expenditures	\$1,463,987.00	\$1,177,129.00
Other Financing Sources (5% of Measure AA revenue)	\$1,285,758.00	\$1,274,991.00
Net Change in Fund Balances		
Net change in Fund Balance for FY 18/19	\$121,771.00	\$646,896.00
Fund Balance - Beginning (from end of FY 17/18)	\$620,769.00	\$620,769.00
Administrative Based Fund Balance - Ending	\$742,540.00	\$1,267,665.00

In looking at administrative operations over the years since the Authority has received Measure AA funds, \$2,540,666 (5% of the Measure AA tax revenue) and \$599,584 (investment income and other revenue) has been transferred into the account for administrative operations, totaling \$3,140,250 (Table 3). A cumulative total of \$1,872,585 has been expended.

	FY 16/17*	FY 17/18	FY 18/19	Total
Investment Income, Other Revenues, and Other Financial Sources				
Investment Income and Other Revenues		\$50,550.00	\$549,034.00	\$599,584.00
Other Financing Sources (5% of Measure AA revenue)		\$1,265,675.00	\$1,274,991.00	\$2,540,666.00
Total		\$1,316,225.00	\$1,824,025.00	\$3,140,250.00
Expenditures				
Staffing, Professional Fees, Overhead, and Other	\$223,571.00	\$471,885.00	\$807,708.00	\$1,503,164.00
Ballot Costs	\$0.00	\$0.00	\$369,421.00	\$369,421.00
Total Administrative Expenditures	\$223,571.00	\$471,885.00	\$1,177,129.00	\$1,872,585.00
Administrative Based Fund Balance - Ending				\$1,267,665.00

*Administrative costs incurred in 16/17 while preparing for Measure AA funds minus Pre-Measure AA funds.

Project Summary

The project based budget (95% of the tax revenue plus local government contributions for the BRRIT) included approved projects, county administrative fees and fees for the special tax assessment consultant. A total of \$19,817,302 was allocated for projects in FY 18/19 for a grand total of \$37,718,702 allocated for the first two years with Measure AA funds (Table 4). As of June 30, 2019, a total \$3,270,870 was expended on projects, leaving a remaining grant balance of \$34,447,832.

Table 4. Schedule of Approved SFBRA Projects

Project Names for SFBRA Projects	Grant Amount			Cumulative Expenses Through 6/30/2019	Remaining Grant Balance
	FY 17/18	FY18/19	Total		
South Bay Salt Ponds Restoration Project, Phase 2	\$7,421,730.00	\$600,000.00	\$8,021,730.00	\$247,389.00	\$7,774,341.00
South San Francisco Bay Shoreline Project*	\$4,439,406.00	\$11,000,000.00	\$15,439,406.00	\$1,839,899.00	\$13,599,507.00
Restoring Wetland-Upland Transition Zone Habitat	\$2,661,264.00		\$2,661,264.00	\$282,632.00	\$2,378,632.00
Montezuma Tidal and Seasonal Wetlands Restoration Project	\$1,610,000.00		\$1,610,000.00	\$769,563.00	\$840,437.00
Deer Island Basin Phase 1 Tidal Wetlands Restoration Project	\$630,000.00		\$630,000.00		\$630,000.00
San Leandro Treatment Wetland	\$539,000.00		\$539,000.00	\$30,934.00	\$508,066.00
Encinal Dune Restoration and Public Access	\$450,000.00		\$450,000.00	\$4,775.00	\$445,225.00
Restoration Strategy for Lower Sonoma Creek	\$150,000.00	\$22,500.00	\$172,500.00	\$95,678.00	\$76,822.00
Bay Restoration Regulatory Integration Team (BRRIT)**		\$2,227,286.00	\$2,227,286.00		\$2,227,286.00
900 Innes remediation Project		\$4,998,600.00	\$4,998,600.00		\$4,998,600.00
Tiscornia Marsh Restoration and Sea Level Adaptation		\$968,916.00	\$968,916.00		\$968,916.00
Total Budgeted	\$17,901,400.00	\$19,817,302.00	\$37,718,702.00	\$3,270,870.00	\$34,447,832.00

*The Shoreline project received an additional \$57,026,673 over 5 years, \$11 million of which was allocated for FY 18/19.

**BRRIT is funded both by tax revenue and local government contributions.

In addition to the projects, \$735,669 was expended on county administration fees for collection of the Measure AA parcel tax and \$48,800 on the special tax assessment consultant fees (Table 5). Combined with the project expenditures, a total of \$4,055,339 was expended for the project based program in FY 18/19.

Revenues	Budget	Actual
Measure AA Special Tax	\$25,715,160.00	\$25,499,815.00
Revenue Local and Regional Government (for BRRIT)	\$375,000.00	\$375,000.00
Authority Funds Available	\$26,090,160.00	\$25,874,815.00
Expenditures		
Total Expended for SFBRA Projects	\$19,817,302.00	\$3,270,870.00
Project contingency adjustment	(\$3,664,410.00)	
County Administration Fees	\$752,170.00	\$735,669.00
Special Tax Assessment Consultant Fees	\$104,440.00	\$48,800.00
Total of Project Based Funds Expended	\$17,009,502.00	\$4,055,339.00
5% Transfer out to Administrative Operating Fund	\$1,285,758.00	\$1,274,991.00
Net Change in Fund Balances		
Net change in Fund Balance for FY 18/19	\$7,794,900.00	\$20,544,485.00
Fund Balance - Beginning (from end of FY 17/18)	\$23,290,121.00	\$23,290,121.00
Project Based Fund Balance - Ending	\$31,085,021.00	\$43,834,606.00

Over the first two years, \$48,674,653 has been available for the project based program, with \$47,105,476 being available for projects after county fees and special tax assessment consultant fees are paid (Table 6). A total of \$3,270,870 was expended on projects, so the ending fund balance for the project based program was \$43,834,606. When accounting for the remaining grant balance of \$34,447,832 (Table 4), \$9,386,774 of unallocated project funds was available at the end of FY 18/19.

Table 6. Multi-Year Project Based Revenues and Expenses

Revenues	FY 17/18	FY 18/19	Total
Measure AA Special Tax	\$25,313,504.00	\$25,499,815.00	\$50,813,319.00
Revenue Local Governments (for BRRIT)	\$0.00	\$375,000.00	\$375,000.00
Authority Funds Available	\$25,313,504.00	\$25,874,815.00	\$51,188,319.00
5% Transfer out to Administrative Operating Fund	\$1,265,675.00	\$1,274,991.00	\$2,540,666.00
Total Available for Project Based Program	\$24,047,829.00	\$24,599,824.00	\$48,647,653.00
Expenditures			
County Administration Fees	\$700,768.00	\$735,669.00	\$1,436,437.00
Special Tax Assessment Consultant Fees	\$56,940.00	\$48,800.00	\$105,740.00
Amount Available for Projects	\$23,290,121.00	\$23,815,355.00	\$47,105,476.00
Total Expended for SFBRA Projects	\$0.00	\$3,270,870.00	\$3,270,870.00
Project Based Fund Balance - Ending			\$43,834,606.00