

Funding for Wetlands Restoration in SF Bay

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Coastal
Conservancy

STATE of CALIFORNIA

A person is standing on a wooden pier or walkway in a vast, open wetland landscape. The scene is bathed in a soft, blue light, suggesting either dawn or dusk. The foreground is filled with tall, dense grasses. In the background, there are rolling hills and a line of trees under a clear sky. The overall mood is serene and natural.

Funding wetland restoration projects in **San Francisco Bay**

- Example Projects
- Major Funding Sources
- Recommendations

Hamilton Wetlands



Funding Source	Type	Amount
US Army Corps of Engineers	Federal	\$95,226,000
State Coastal Conservancy	State	\$21,598,000
Wildlife Conservation Board	State	\$5,100,000
TOTAL		\$121,924,000

- Plus significant funding from Port of Oakland and US Army Corps of Engineers to deliver dredged sediment from -50 foot project.
- Plus state grants to Novato Baylands Stewards for stewardship work with volunteers and Conservation Corps and Americorps members.

Sears Point



Grant	Type	Grant Amount
US EPA	Federal	\$ 2,441,941
US Fish and Wildlife Service: NCWC	Federal	\$ 1,000,000
Federal Highway Admin: Public Lands Highway Discretionary Program	Federal	\$ 2,250,000
Wildlife Conservation Board	State	\$ 5,000,000
Department of Water Resources IRWMP	State	\$ 1,265,000
State Coastal Conservancy	State	\$ 965,000
National Fish and Wildlife Foundation	Private	\$ 110,000
Bay Trail	State	\$ 200,000
NOAA Partnership	Federal	\$ 386,000
NOAA Fisheries	Federal	\$ 1,083,000
US Fish and Wildlife Service: NAWCA	Federal	\$ 1,000,000
Department of Fish & Wildlife OSPR-EEF	State	\$ 364,466
Caltrans	State	\$ 1,441,492
		\$ 17,506,899

- Funding Sources for Construction
- Plus ~\$20 million for land acquisition (Moore Foundation, Wildlife Conservation Board, and others)
- Plus ~\$1.5 million for planning and design (State Coastal Conservancy)

Dotson Family Marsh

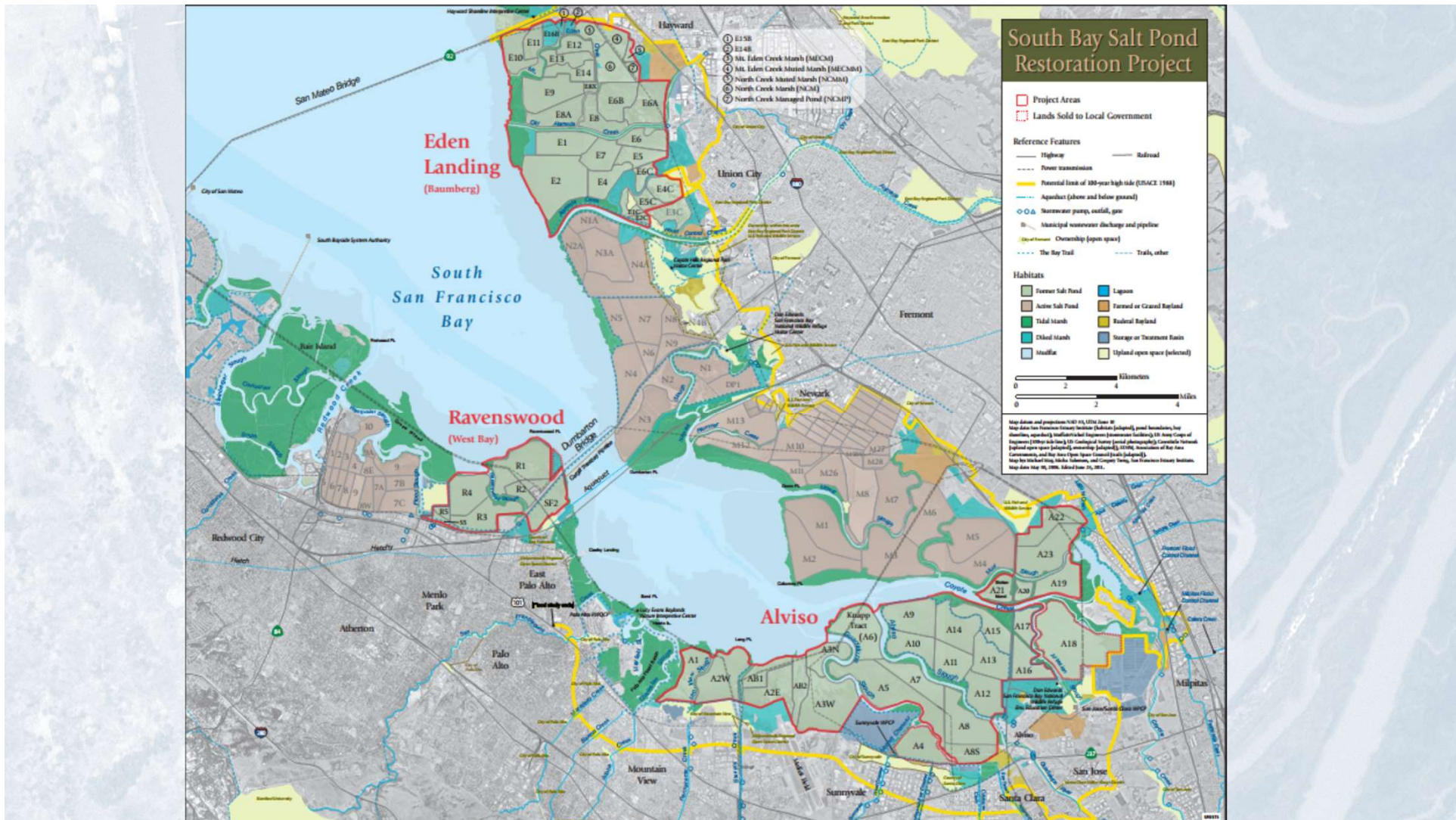


Funder	Amount
East Bay Regional Park District	\$4,152,000
U.S. Environmental Protection Agency	\$1,500,000
State Coastal Conservancy	\$1,250,000
Metropolitan Transportation Commission	\$1,000,000
Wildlife Conservation Board	\$1,000,000
Castro Cove Oil Spill Settlement	\$930,000
USFWS National Coastal Wetlands Conservation Program	\$920,000
CDWR Integrated Regional Water Management Plan	\$750,000
U.S. Department of Transportation, Federal Highway Administration	\$398,000
San Francisco Bay Trail	\$50,000
San Francisco Bay Conservation and Development Commission	\$50,000
TOTAL	\$12,000,000

Plus East Bay Regional
Park District funds for
land acquisition

South Bay Salt Ponds





Expenditures through 2018	Planning & Implementation	Land Acquisition
FEDERAL	\$ 39,781,810	\$ 8,000,000
STATE	\$ 55,411,844	\$ 72,000,000
LOCAL	\$ 11,627,417	\$ -
FOUNDATIONS	\$ 14,590,163	\$ 20,000,000
MITIGATION	\$ 3,633,000	\$ -
TOTALS	\$ 125,044,234	\$ 100,000,000

- Federal Sources include US Fish and Wildlife Service, NOAA, US EPA, US Army Corps of Engineers, USGS
- State Sources include Wildlife Conservation Board, Department of Fish and Wildlife, State Coastal Conservancy, Department of Water Resources, Caltrans
- Local Sources include Valley Water, Alameda County Flood Control District, Menlo Park, Mountain View
- Private Sources include Moore, Hewlett, Packard Foundations, and Goldman Fund.

US Fish and Wildlife Service



National Coastal Wetlands Conservation (NCWC) Grants

- Grants of up to \$1 million to coastal and Great Lakes states and U.S. territories to protect, restore, and enhance coastal wetlands.
- Funded by taxes from the sale of recreational fishing equipment, boats, and fuel.

North American Wetlands Conservation Act (NAWCA) Grants

- Grants to increase bird populations and wetland habitat in Mexico, US, and Canada.
- Projects approved by the Migratory Bird Conservation Commission.
- In past two decades, over 3,000 projects totaling \$1.83 billion in grants.

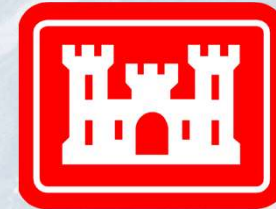
US EPA

San Francisco Bay Water Quality Improvement Fund

- Competitive grant program to support projects to protect and restore San Francisco Bay.
- Over \$63.5 million in 54 grant awards since 2008.
- Effort by Congresswoman Speier (HR 610) and others to authorize and increase funding for San Francisco Bay Program within USEPA.
 - Your support is encouraged!



US Army Corps of Engineers



**US Army Corps
of Engineers®**

Aquatic Ecosystem Restoration

- NOT grant programs. Projects are planned and constructed in partnership with the Corps.
- General Investigations – large projects
 - Requires feasibility study, congressional authorization and appropriations
 - Typically 35% non-federal to 65% federal cost share
 - Corps also does flood risk management and navigation projects and multi-benefit projects
- Continuing Authorities Programs – smallish projects
 - Section 204 – aquatic ecosystem restoration
 - Section 1135 – project modifications for environmental improvement
 - Section 206 – beneficial use of dredged sediment

California State Funding

State Bond Funding: Propositions 1 and 68

- State Coastal Conservancy
- Wildlife Conservation Board
- Department of Fish and Wildlife
- Department of Water Resources
- Ocean Protection Council



- Combination of competitive grant programs and directed support for projects.
<http://grants.ca.gov>
- Bond funding is focused on capital improvement projects – design and implementation
- Legislature is considering a climate adaptation bond
- Governor's May Revise included \$200 million for coastal wetlands!

San Francisco Bay Restoration Authority

Measure AA

- Nine-county measure that passed in June of 2016.
- \$12 per parcel; \$25 million annually; 20 years; \$500 million total.
- Funding for habitat restoration projects along the shoreline and associated flood risk management and public access.
- Geographic distribution requirements.
- Projects authorized by Board, with input from Advisory Committee and review by Oversight Committee.
- Distributed via competitive grant rounds.
 - 4 grant rounds to date.
 - First community grants program in 2020-21



SF Bay Joint Venture in Conservation Funding Efforts

Voluntary, non-regulatory partnership working on shared goals to protect, restore, and enhance wetland habitats and restore ecological functions of SF Bay and coastal wetlands

- Coordinated funding and policy efforts by partners: federal, state, regional, nonprofit, and business members.
- Project Tracking (including funding) through ecoAtlas.org





Recommendations for funding

- Partnerships!
- Funding Strategy
- Sustained commitment
- Engage community, elected officials, regulators early and often
 - Demonstrate broad support
 - Communication is important
- Multiple benefits and goals
 - Restoration, flood risk management, public access, and more!
- Celebrate milestones and successes
- Funding for planning, monitoring, operations and maintenance
 - Hardest to find