

Estimate of Future Funding Needs by Region for Current and Potential Authority Projects

Note: This table includes estimated future funding needs of 1) projects that have been funded by the Authority for the planning phase; 2) forthcoming projects that will improve habitat for oysters and eelgrass; and 3) other shoreline habitat restoration projects identified by the San Francisco Bay Joint Venture. See legend below for additional information. Most of the figures in this table are very rough estimates, and the table includes only projects with the greatest funding needs. Inclusion of projects in the table does not mean that these projects will necessarily be funded by the Authority, and exclusion from the table does not mean projects will not be funded.

Project Name	Grantee (or Potential Grantee)	Cumulative Authorized and Recommended	% of Target	Future Funding Need (high-end estimate where applicable)	% of Target	Total Cost (Authorized, Recommended, and Future)	% of Target
NORTH (20-year target for minimum regional allocation = \$45,000,000)		32,314,318	72%	263,325,500	585%	295,639,818	657%
Montezuma Tidal and Seasonal Wetlands Restoration Project – Phase I and II	Montezuma Wetlands LLC	3,710,000		7,000,000		10,710,000	
Sonoma Creek Baylands Strategy - Planning	Sonoma Land Trust	172,500		-		172,500	
Restoring Wetland-Upland Transition Zone Habitat in the North Bay with STRAW	Point Blue Conservation Science	4,597,264		-		4,597,264	
Deer Island Basin Phase I and II Tidal Wetlands Restoration Project	Marin County Flood Control District	3,053,000		28,500,000		31,553,000	
Tiscornia Marsh Restoration and Sea Level Rise Adaptation	Marin Audubon Society	4,507,763		14,000,000		18,507,763	
San Pablo Baylands Collaborative Protection and Restoration Project	Ducks Unlimited/ Sonoma Land Trust	9,997,000		-		9,997,000	
Suisun Marsh Fish Screen Rehabilitation Project: Phase I and II	Suisun RCD	1,717,925		3,000,000		4,717,925	
American Canyon Wetlands Restoration Plan	City of American Canyon	517,500		14,725,500		15,243,000	
<i>Invasive Spartina Removal and Tidal Marsh Restoration Project (North)</i>	Cal-IPC	600,000		2,100,000		2,700,000	
<i>Marin City Urban Wetland Community Visioning Project</i>	Shore Up Marin City	100,000		6,500,000		6,600,000	
Greenwood Gravel Beach Design Project	Marin County	380,000		-		380,000	
Evolving Shorelines Project at Bothin Marsh	Golden Gate National Parks Conservancy	1,955,000		33,000,000		34,955,000	
<i>Regionally Advancing Living Shorelines in San Francisco Bay Project (North)</i>	San Francisco Estuary Institute	166,666		9,000,000		9,166,666	
Goat Island Tidal Marsh Restoration and Public Access Project	Solano Land Trust	839,700		2,500,000		3,339,700	
<i>McInnis Marsh Restoration and Gallinas Creek Geomorphic Dredging Project *</i>	County of Marin	-		12,000,000		12,000,000	
<i>Sonoma Creek Baylands Restoration</i>	Ducks Unlimited/ Sonoma Land Trust, etc.	-		80,000,000		80,000,000	
<i>Bel Marin Keys Wetland Restoration, Phase 2 - Design and Construction</i>	State Coastal Conservancy	-		50,000,000		50,000,000	
<i>Eelgrass Restoration – recommended at multiple sites</i>	SFSU, NOAA, RBRA	-		500,000		500,000	
<i>Oyster Restoration – recommended sites from San Rafael to Tiburon Shoreline</i>	SERC, NOAA	-		500,000		500,000	

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EAST (20-year target for minimum regional allocation = \$90,000,000)		35,165,710	39%	251,108,000	279%	286,273,710	318%
South Bay Salt Ponds: Eden Landing (East Bay)	Ducks Unlimited	3,185,000		14,000,000		17,185,000	
San Leandro Treatment Wetland for Pollution Reduction, Habitat Enhancement & Shoreline Resiliency	City of San Leandro	4,273,489		2,000,000		6,273,489	
Encinal Dune Restoration and Public Access	EBRPD	450,000		-		450,000	
Coyote Hills Restoration and Public Access	EBRPD	4,050,000		250,000		4,300,000	
Lower Walnut Creek Restoration	CCC FCWCD	10,929,855		-		10,929,855	
North Richmond Shoreline Living Levee	WCWD	2,547,459		30,575,000		33,122,459	
Oakland Shoreline Leadership Academy	WOEIP	174,026		-		174,026	
<i>Invasive Spartina Removal and Tidal Marsh Restoration Project (East)</i>	Cal-IPC	1,000,000		5,600,000		6,600,000	
Long Beach Restoration Design Project	City of San Leandro	514,500		6,100,000		6,614,500	
Hayward Marsh Restoration Project	EBRPD	1,175,000		45,583,000		46,758,000	
Terminal Four Wharf Removal Project	Port of Richmond/City of Richmond	4,600,000		-		4,600,000	
<i>Bay Restoration: Youth Engagement and Service Learning in East Oakland</i>	Planting Justice	99,713		-		99,713	
De-Pave Park	City of Alameda	800,000		29,000,000		29,800,000	
<i>Regionally Advancing Living Shorelines in San Francisco Bay Project (East)</i>	San Francisco Estuary Institute	166,668		12,000,000		12,166,668	
Berkeley North Basin Project	EBRPD	600,000		-		600,000	
<i>San Leandro (Lisjan) Creek Community Project</i>	Social Good Fund	100,000		-		100,000	
<i>Sacred Spaces Planning Project</i>	Coastal Quest	200,000		-		200,000	
<i>Storytelling Shoreline Futures: Youth Visioning and Action</i>	Mycelium Youth Network	300,000		-		300,000	
<i>Newark Baylands - Acquisition, Interim Management, and Restoration Planning</i>	Trust for Public Land	25,000,000		25,000,000		50,000,000	

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Knightsen Wetland Restoration	East Contra Costa Habitat Agency	-		38,000,000		38,000,000	
Oakland Gateway Shoreline Restoration and Public Access Project	EBRPD	-		12,000,000		12,000,000	
Hoffman Marsh Restoration Project at McLaughlin Eastshore State Park	EBRPD	-		2,500,000		2,500,000	
Martin Luther King Jr. Regional Shoreline Water Quality Project	EBRPD	-		3,000,000		3,000,000	
Off-shore Bird/Intertidal Habitat Project at McLaughlin Eastshore State Park	EBRPD	-		2,500,000		2,500,000	
Radio Beach Expansion Project at McLaughlin Eastshore State Park	EBRPD	-		2,000,000		2,000,000	
Big Break Regional Shoreline Wetland Restoration and Public Access: Oakley Site	EBRPD	-		3,000,000		3,000,000	
North Richmond Shoreline San Pablo Marsh Restoration	EBRPD/CCC FCWCD	-		5,000,000		5,000,000	
Point Isabel Regional Shoreline Wetland Restoration and Public Access	EBRPD	-		4,000,000		4,000,000	
Living Seawall Pilot Projects, other vertical structure assessments	Port of Oakland, Port of Richmond, Port of San Francisco, WETA, SERC	-		2,000,000		2,000,000	
Oyster Restoration - recommended sites from Richmond to Alameda	SERC, relevant cities	-		2,000,000		2,000,000	
Eelgrass Restoration - recommended sites from Carquinez Strait to Eden Landing	SFSU, EBRPD, relevant cities	-		1,000,000		1,000,000	
Multi-Habitat Green-Grey Approaches at former Alameda Naval Air Station	City of Alameda, US Navy	-		1,500,000		1,500,000	
Multi-Habitat Green-Grey Approaches at Albany Bulb	City of Albany, EBRPD	-		1,000,000		1,000,000	
Oyster Reefs to Protect Albany Mudflats - Pilot Approaches at Codornices Creek	City of Albany, SFSU	-		1,000,000		1,000,000	
Multi-Habitat Green-Grey Approaches at Baxter Creek/Meeker Slough	City of Albany, UC Berkeley, SFSU	-		500,000		500,000	

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WEST (20-year target for minimum regional allocation = \$55,000,000)		20,903,733	38%	265,049,371	482%	285,953,104	520%
South Bay Salt Ponds: Ravenswood (West Bay)	Ducks Unlimited	5,591,730		-		5,591,730	
900 Innes Remediation (and India Basin Shoreline Park)	City and County of San Francisco RPD	4,998,600		-		4,998,600	
Heron's Head Park Shoreline Resilience Project: Phase 1 and 2	Port of SF	1,092,222		-		1,092,222	
<i>Invasive Spartina Removal and Tidal Marsh Restoration Project (West)</i>	Cal-IPC	1,000,000		3,500,000		4,500,000	
Burlingame Shoreline Park Project	The SPHERE Institute	1,491,499		33,499,371		34,990,870	
Colma Creek Restoration and Adaptation Project	City of South San Francisco	595,000		14,100,000		14,695,000	
Candlestick Point Stewardship Project: Phase 1 and 2	Literacy for Environmental Justice	300,000		-		300,000	
Baylands Habitat Restoration and Community Engagement in East Palo Alto	Grassroots Ecology	688,016		450,000		1,138,016	
Strategy to Advance Flood Protection, Ecosystems and Recreation (SAFER) Bay	San Francisquito Creek Joint Powers Authority	4,980,000		200,000,000		204,980,000	
<i>Regionally Advancing Living Shorelines in San Francisco Bay Project (West)</i>	San Francisco Estuary Institute	166,666		9,000,000		9,166,666	
Oyster Restoration - Mission Creek to Candlestick Point/San Francisco Shoreline	SERC, Port of SF	-		500,000		500,000	
Living Seawall Pilot Projects, other vertical structure assessments	Port of SF, WETA, SERC	-		2,000,000		2,000,000	
Oyster Restoration - Sierra Point, Coyote Point, Bair Island, South Bay Salt Ponds	SERC, relevant cities	-		2,000,000		2,000,000	
SOUTH (20-year target for minimum regional allocation = \$60,000,000)		66,636,079	111%	101,294,364	169%	167,930,443	280%
South Bay Salt Ponds: Alviso + Mountain View (South Bay)	Ducks Unlimited	400,000		12,000,000		12,400,000	
South San Francisco Bay Shoreline Project for Economic Impact Area 11 (Project)	Valley Water	61,466,079		71,494,364		132,960,443	
<i>Invasive Spartina Removal and Tidal Marsh Restoration Project (South)</i>	Cal-IPC	1,400,000		2,800,000		4,200,000	
Calabazas/San Tomas Aquino Creek - Marsh Connection Project	Valley Water	3,370,000		15,000,000		18,370,000	
Grand Total for San Francisco Bay =		155,019,840		880,777,235		1,035,797,075	

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LEGEND		Grantee Name Abbreviations					
Project funding authorized	Black font	CADFW	California Department of Fish and Wildlife				
Recommended projects	Blue font	Cal-IPC	California Invasive Plant Council				
Potential future projects (no SFBRA funding to date)	Green font	CCC FCWCD	Contra Costa County Flood Control and Water				
Community Grants	Purple font	City and County of San Francisco RPD	City and County of San Francisco Recreation and Parks Department				
% to 20-year target for minimum regional allocation	Royal Blue font						
<i>Invasive Spartina Project for \$4 million is divided between the 4 regions</i>	<i>Italics</i>	EBRPD	East Bay Regional Parks District				
<i>Regionally Advancing Living Shorelines for \$500k divided between 3 regions</i>	<i>Italics</i>	Port of SF	Port of San Francisco				
		SERC	Smithsonian Environmental Research Center				
		SFSU	San Francisco State University				
		Suisun RCD	Suisun Resource Conservation District				
		TNC	The Nature Conservancy				
		Valley Water	Santa Clara Valley Water District				
		WCWD	West County Wastewater District				
		WETA	Water Emergency Transportation Authority				
		WOEIP	West Oakland Environmental Indicators Project				