

2015 SFBJV Active Project List

Project	Project Rank	County	Description	Acre	Estimated Funding Needs 3-5 yr	Lead
Alameda Creek Flood Control Channel - Rubber Dam No. 1 and Drop Structure Fishway	Tier 2	Alameda	This project will construct a fish passage and a plunge pool for passage of fish at the dam. Construction of the fish passage and the drop structure will open up approximately 27 stream miles of steelhead habitat.	NA	\$16,000,000	Alameda County Water District
Albany Beach Restoration and Public Access - McLaughlin Eastshore State Park	Tier 1	Alameda	The project will enhance the site by expanding the beach and adjacent dune complex to five acres, removing debris and invasive plant species, and reestablishing special-status native species.	5	\$4,000,000	East Bay Regional Park District
Alhambra Valley Creek Coalition Restoration Project	Tier 2	Contra Costa	The project will stabilize severe erosion along the creek and replace invasive plants with native species. It will also improve fish passage and in-stream habitat for native steelhead trout and reduce flood impact.	1	\$7,000	Alhambra Valley Creek Coalition; Contra Costa County Public Works; Contra Costa Resource Conservation District; Friends of Alhambra Creek; Urban Creeks Council
Alpine Creek Fish Passage	Tier 2	San Mateo	Remediation of a fish passage barrier at this site will open 7 miles of high-priority habitat to listed salmonid species.	10	\$1,580,000	San Mateo Resource Conservation District
Asbury Creek Passage at Jack London Village	Tier 2	Sonoma	The Sonoma Ecology Center will rebuild step pools and repair/replace baffles to improve fish passage under Arnold Dr. at Jack London Village near Glen Ellen. 1.5 miles of stream will benefit from an increase in fish access to habitats.	NA	\$600,000	Sonoma Ecology Center
BAEDN Invasive Sea Lavender Eradication & Restoration	Tier 1	Regional Project	The project will eradicate all populations of invasive Algerian sea lavender and prevent future re-invasion to protect high tide refugia habitat for wildlife including the ridgway's rail, black rail, and salt marsh harvest mouse.	50	\$800,000	Bay Area Early Detection Network; California Invasive Plant Council
Bahia Restoration Phase 2	Tier 1	Marin	Phase 2 levee breaches will restore an additional 200 acres of habitat over five years. Phase 2 is also focused on erosion control (hydro seeding) and native planting.	200	\$90,000	Marin Audubon Society
Bay Point Regional Shoreline - Restoration Project	Tier 2	Contra Costa	A tidal marsh restoration and upland enhancement project. Restoration will create 17 acres of tidal wetlands and 8 acres of seasonal wetland.	130	\$2,700,000	East Bay Regional Park District
Beach Watch Program	Tier 1	Regional Project	The long-term shoreline-monitoring project provides resource protection managers with a tool for determining the health of the ocean ecosystem and serves as an important baseline during an environmental disaster.	NA	\$2,160,000	Farallones Marine Sanctuary Association

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Beaconsfield Canyon Restoration	Tier 1	Alameda	Volunteers have begun the removal of invasive vegetation and aim to reduce fire hazard to the residential area, plant native species and restore the canyon creek to a natural flow.	5	\$350,000	Friends of Sausal Creek
Berkeley Brickyard - McLaughlin Eastshore State Park	Tier 1	Alameda	The 30-acre project will remove soil contaminants and non-native plant species, establish native species and stabilize eroding shoreline.	30	\$2,000,000	East Bay Regional Park District
Berkeley North Basin Strip - McLaughlin Eastshore State Park	Tier 2	Alameda	In the 20-acre project area, 450 feet of culvert will be removed to create a creek channel and bank stabilization and contouring will allow for two acres of tidal and riparian habitat, including high tide refugia for clapper rail, black rail and salt marsh harvest mouse. Landscape barriers and fencing will be installed to protect restored areas.	20	\$4,000,000	East Bay Regional Park District
Bidwell Creek Floodplain Enhancement Project	Tier 2	Sonoma	This project will significantly increase ecological function and prevent downstream habitat degradation and sedimentation of Bidwell Creek via planting, fencing, and utilizing in-stream log structures.	4.5	\$200,000	Sonoma Land Trust
Big Break Regional Shoreline - Wetland Restoration and Public Access	Tier 1	Contra Costa	The project will remove invasive plants, preserve a threatened plant species, remove roads that bisect the wetland areas, and build a viewing platform.	100	TBD	Delta Science Center; East Bay Regional Park District
Bolinas Lagoon North End Wetland Enhancement/SLR Adaptation Project	Tier 2	Marin	The goal is to develop a project that allows for estuarine and riparian wetland habitat enhancement and expansion, and protects access to the town of Bolinas as sea level rises.	35	\$1,200,000	Marin County Parks and Open Space
Brooks Island Habitat Improvement Project	Tier 1	Contra Costa	The project will remove existing inorganic debris and invasive vegetation, plant native dune vegetation, protect eroding areas, create ground-nesting bird habitat and control predators along more than three miles of shoreline.	113	\$500,000	East Bay Regional Park District
Butano Floodplain	Tier 2	San Mateo	The project will restore approximately 1 mile of Butano Creek and reconnect Butano Creek to 115 acres of its historic floodplain at a property owned by POST. Restoring natural creek functions will have a wide impact on water quality, listed species, and local safety.	10	\$1,080,000	San Mateo Resource Conservation District

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Calabazas Creek Fish Passage at Dunbar Road	Tier 2	Sonoma	This project will modify a large apron to improve steelhead passage under Dunbar Rd. This will allow fish access to 4 miles of excellent stream habitat.	NA	\$300,000	Sonoma Ecology Center
Calistoga Napa River Restoration	Tier 2	Napa	This project will enhance river habitat protection and restoration, and improve storm water quality by reducing sediment. Eroded stream banks will be cleared of invasive plant species and rebuilt with native bio-engineered vegetated banks.			City of Calistoga
Canalways	Tier 2	Marin	The goal is to acquire, protect and restore 85 acres through enhancement as seasonal wetland.	85	\$1,000,000	Marin Audubon Society
Candlestick Point -- Yosemite Slough Wetland Restoration	Tier 1	San Francisco	This project restores: 10 acres of historic bay fill to functioning tidal marsh, two isolated bird-nesting islands, nursery areas for fish and benthic organisms, and transitional areas to buffer sensitive habitats. It creates 5,000 feet of Bay Trail and includes re-vegetation and elimination of soil contaminants.	10	\$12,000,000	California State Parks Foundation
Carriger Creek Bridge Construction & Passage at Grove Street	Tier 2	Sonoma	This project will increase access to habitats in 4 miles of excellent stream habitat by constructing a full-span bridge to improve steelhead passage under Grove St.	NA	\$1,200,000	Sonoma Ecology Center
Chabot Watershed Partnership: Habitat Restoration and BMPs for Water Quality	Tier 1	Solano	Filter strips and cattle exclusion from stream beds will be implemented on two miles of stream, and ecosystem function will be restored to over 360 acres through invasives removal and revegetation of over 50,000 native trees and plants.	360	\$571,153	Solano Resource Conservation District
Chelsea Wetlands	Tier 1	Contra Costa	The goal is to provide roosting habitat for migratory shorebirds and waterfowl, enhance habitat for the endangered salt marsh harvest mouse, and possibly provide nursing habitat for Chinook salmon and steelhead.	15	\$225,000	Ducks Unlimited; Hercules, City of
Coastal San Mateo County Drought Relief Program (Phase II)	Tier 1	San Mateo	These projects will increase off-stream water storage capacity, improve irrigation efficiencies and coordinate local management strategies for securing water during extreme droughts.	NA	\$4,300,000	San Mateo Resource Conservation District
Codornices Creek - Kains to San Pablo	Tier 2	Alameda	This project will restore approximately 100 linear feet of creek habitat for steelhead and rainbow trout with naturalized meander, pools, riffles, and refuges, while providing flood protection and increasing storage.	1	\$585,000	Albany, City of; Restoration Design Group; Urban Creeks Council

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Codornices Creek - lower (San Pablo Ave. west)	Tier 2	Alameda	Restore Codornices Creek from San Pablo Avenue west to mouth.	32	\$933,000	Albany, City of; Friends of Five Creeks; Restoration Design Group
Community-Based Restoration and Stewardship - Creekside Marsh	Tier 2	Marin	This project is restoring three acres of transition zone habitat adjacent to a 26-acre marsh to support functioning habitat for the salt marsh harvest mouse, breeding Ridway's rails and migrating steelhead trout.	3	\$125,000	Save The Bay
Community-Based Restoration and Stewardship - Eden Landing Ecological Reserve	Tier 2	Alameda	Volunteers from several Bay Area communities have collaboratively removed 3,000 pounds of garbage, eradicated invasive weeds and planted natives to restore tidal salt marsh habitat at this site.	10	\$125,000	Save The Bay
Community-Based Restoration and Stewardship - Martin Luther King Jr. Regional Shoreline	Tier 2	Alameda	Volunteers remove non-native plants, propagate and plant natives, test water quality, and conduct creek and shoreline clean-ups in the 72-acre marsh.	30	\$250,000	Save The Bay
Concord NWS Wetlands Restoration	Tier 2	Contra Costa	This 700-acre restoration project is part of the Concord Naval Weapons Station reuse plan, which includes an approved public conveyance for a new 2,540-acre regional park.	700	\$25,000,000	Contra Costa Mosquito and Vector Control District; East Bay Regional Park District
Corte Madera Creek College of Marin Dog Park Habitat Restoration	Other Active	Marin	This project will restore a tidal wetland in a 6-acre upland area, now mostly used as an informal dog park. The area has a tidal channel along the east side.	6	\$500,000	Friends of Corte Madera Creek Watershed
Corte Madera Creek - College of Marin Ecology Study Area Habitat Enhancement	Tier 2	Marin	The project goals are to increase the channel's tidal prism, tidal marsh habitat diversity and production of aquatic food sources; improve water quality; and accommodate sea level rise.	3	\$300,000	Friends of Corte Madera Creek Watershed
Corte Madera Creek-College of Marin Lot 13 Habitat Restoration	Other Active	Marin	This project will restore a tidal wetland now used as a gravel parking lot and re-route Tamalpais Creek and Murphy Creek (currently in culverts) to their historical routes through the restored wetland.	6	\$5,000,000	Friends of Corte Madera Creek Watershed

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Corte Madera Ecological Reserve Expansion Restoration	Tier 2	Marin	Acquisition, protection and enhancement of inholding lands surrounded by the reserve, a critical tidal marsh habitat adjacent to a core population of endangered Ridgway's Rails.	5	\$1,900,000	Marin Audubon Society
Coyote Hills Regional Park - Restoration and Public Access Project	Tier 2	Alameda	Restore saltmarsh, freshwater marsh and coastal prairie, improve water circulation and quality, acquire lands and enhance habitat for endangered Salt Marsh Harvest Mouse and Ridgway's Rail.	1,000	\$12,000,000	East Bay Regional Park District
Cullinan Ranch	Tier 1	Solano	The project goal is to restore diked baylands to tidal marsh while protecting HWY 37. A setback levee was constructed. The elevation of hundreds acres of the site will be raised to tidal marsh elevation using millions of cubic yards of dredge material for beneficial reuse.	1,575	\$5,000,000	Ducks Unlimited; US Fish and Wildlife Service; US Fish and Wildlife Service - San Pablo Bay National Wildlife Refuge
Denman Reach Phase 3	Tier 1	Sonoma	This project will extend the floodplain terrace for another 2,600 feet upstream, increasing the capacity of the upstream segment to carry floodwater; reduce stream bank erosion and sedimentation; remove invasive species and increase riparian habitat.	14	\$975,000	Petaluma, City of
Dimond Park and Canyon Restoration	Tier 1	Alameda	Work is focused on removing invasive plant species, planting 2,000-3,000 natives annually, controlling erosion from nearby city storm drains, and monitoring birds and invertebrates.	400	\$10,000	Friends of Sausal Creek; The Watershed Project
Drake's Estero Restoration	Tier 1	Marin	Remove 5 miles (500 Tons) of wooden oyster racks and 1 acre of aquaculture debris from Drakes Estero to restore eelgrass habitat and remove unnatural habitat for non-native species.	5	\$3,000,000	National Park Service
Dutch Slough	Tier 1	Contra Costa	The goal is to restore a functioning ecosystem, provide flood protection, and increase habitat for the California Black Rail, Chinook Salmon and Sacramento Splittail in tidal marsh and associated habitats.	1,178	\$6,000,000	California Department of Water Resources; State Coastal Conservancy
East Antioch Creek Marsh Restoration	Tier 2	Contra Costa	Tidal and seasonal marsh restoration on an 18-acre marsh, including improved flood conveyance.	18	\$4,300,000	Contra Costa County Flood Control and Water Conservation District; Mt. Diablo State Park
Eel Grass Protection and Creation Project - McLaughlin Eastshore State Park	Tier 2	Contra Costa	The project will provide for the acquisition, protection, creation and enhancement of existing and new eel grass beds along the East Bay Shoreline.	1,000	\$100,000	East Bay Regional Park District

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Eelgrass Monitoring and Pilot Restoration Project	Tier 1	Sonoma	This project on eelgrass restoration evaluated and monitored different aspects of eelgrass biology, possible synergy between native oyster and eelgrass restoration, and potential larger-scale restoration sites for eelgrass.	1	\$500,000	Romberg Tiburon Center; San Francisco State University; State Coastal Conservancy
Franks Tract	Tier 2	Alameda	Restore the 48-acre site to tidal habitat and potential foraging habitat for Ridgway's Rail.	49	\$500,000	Hayward Area Recreation and Park District
Giacomini Wetlands	Tier 1	Marin	The project restored 610 acres of diked wetlands and opened the wetlands to tidal action. It will continue with flood plain construction and invasive plant removal.	610	\$150,000	National Park Service; State Lands Commission
Hamilton/Bel Marin Keys Wetlands Restoration - Phase III	Other Active	Marin	This project will design and implement tidal restoration, by using dredged sediment to raise elevations prior to levee breaching, and constructing an adjacent levee to protect neighboring communities. Bay Trail segments will also be completed.	NA	\$0	State Coastal Conservancy; US Army Corps of Engineers
Hayward Regional Shoreline - Habitat Restoration	Tier 2	Alameda	Restore tidal marsh and shoreline bird habitat, enhance endangered California Least Tern and Salt Marsh Harvest Mouse habitat, improve water quality and circulation in marshlands and restore levees.	700	\$15,000,000	East Bay Regional Park District
Hoffman Marsh Restoration Project - McLaughlin Eastshore State Park	Tier 2	Alameda	Restore up to 40 acres of tidal wetlands and adjacent upland for T&E species by removing fill, potential contaminants and non-natives; planting natives; and improving connectivity to adjacent tidal marshes.	40	\$2,500,000	East Bay Regional Park District
Intertidal Habitat Improvement Project - McLaughlin Eastshore State Park	Tier 2	Alameda	The project will remove inorganic debris from 6,000 linear feet of shoreline, reduce erosion and sedimentation and create a "living" shoreline of intertidal habitat for fish, wildlife and plants.	4	\$1,000,000	East Bay Regional Park District
Invasive Spartina Control Efforts in San Francisco Bay	Tier 1	San Mateo	This is a coordinated effort to eradicate four species of the exotic, invasive cordgrass, which took over 1,600 acres of the bay's marshes and tidal flats while threatening 69,000 more.	1,750	\$5,000,000	Invasive Spartina Project; State Coastal Conservancy; US Fish and Wildlife Service
Kent Island Restoration Project	Tier 1	Marin	The project will restore 23 acres of tidal marsh and coastal dune habitat for special status species by removing invasive vegetation, restoring historical function to the island, and improving hydrologic function and sediment transport.	23	\$421,000	NOAA - Gulf of the Farallones National Marine Sanctuary

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Laguna de Santa Rosa Historical Ecology Study	Tier 1	Sonoma	A comprehensive synthesis and analysis of existing historical information on the Laguna watershed that will inform ongoing creek and stream restoration, flood protection, T&E species management, restoration of salmonid populations, and more.	NA	\$300,000	Laguna de Santa Rosa Foundation
Laguna de Santa Rosa Middle Reach Restoration Project	Tier 1	Sonoma	Project implements invasive species control, degraded riparian revegetation, seasonal wetland restoration and conservation management, and oak woodland restoration along 1.8 miles of creek.	57	\$200,000	Laguna de Santa Rosa Foundation
Lagunitas Creek - Tocoloma Flood Plain Access and Restoration	Tier 2	Marin	This project will improve access and facilitation of floodplain connectivity and critical winter habitat for fish.	11	\$1,500,000	Turtle Island Restoration Network - Salmon Protection and Watershed Network (SPAWN)
Lake Merritt and Lake Merritt Channel Improvements	Tier 1	Alameda	The City of Oakland is aiming to remove culverts and fill materials, create a by-pass structure, implement water quality technologies at the Lake, and restore the tidal channel between Lake Merritt and the bay.	8	\$17,000,000	Lake Merritt Institute; Oakland, City of
Larson Creek Fish Passage	Tier 2	Marin	The current structure limits passage into Larson Creek, which has had both coho and steelhead and is a major tributary of San Geronimo Creek. The project involves removal of existing check dams and structures as well as reconfiguration of a water main beneath the culvert.	2	\$500,000	Turtle Island Restoration Network - Salmon Protection and Watershed Network (SPAWN)
Living Arroyos	Tier 1	Alameda	Living Arroyos is a public-private partnership to restore and manage over 40 miles of urban streams and riparian habitats in the Livermore-Amador Valley in eastern Alameda County. Urban Creeks Council serves as the managing partner of the program.			City of Livermore, Urban Creeks Council
Living Shorelines: Near-Shore Linkages for San Francisco Bay	Tier 1	Regional Project	The goal is to analyze subtidal restoration techniques, identify the best locations for restoration, and restore critical eelgrass and native oyster habitat, while providing climate change adaptation, flood control, and the protection and enhancement of wildlife habitat.	NA	\$300,000	State Coastal Conservancy
Lower Walnut Creek Restoration	Other Active	Contra Costa	This project will transform a Corps-designed legacy flood protection system, which requires ongoing maintenance, into a sustainable creek with capacity for floodwaters and floodplains.	400	\$5,000,000	Contra Costa County Flood Control and Water Conservation District
Marsh Creek Reservoir Rehabilitation	Tier 2	Contra Costa	This project will address issues relating to sediment deposition, heavy grazing practices, and mercury loading which have led to a shrinking reservoir, a lack of vegetation and a ban on fishing for the last 35 years.	218	\$4,500,000	Contra Costa County Flood Control and Water Conservation District

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Marsh Creek widening at Griffith	Tier 2	Contra Costa	This plan will increase creek flow area and riparian vegetation by constructing a low flow channel and enhanced floodplain.	7	\$1,500,000	Contra Costa Co Flood Control and Water Conservation District; Friends of Marsh Creek Watershed; Natural Heritage Institute
Martin Luther King Jr. Regional Shoreline - Water Quality Project	Tier 1	Alameda	The proposed water quality project would provide for collection of floating plastic, aluminum and polystyrene debris discharging from the urban watershed.	200	\$3,000,000	East Bay Regional Park District
Martinez Regional Shoreline - Marsh Restoration Phase III	Tier 2	Contra Costa	This project will widen the creek and construct flood terraces, construct one or more eight-acre tidal basins, and remove shoreline levees to enhance tidal circulation.	15	\$2,500,000	East Bay Regional Park District
McInnis Marsh Habitat Restoration	Tier 2	Marin	The project will reconnect Gallinas and Miller Creek with restored wetlands that provide habitats for state and federally listed threatened and endangered species, including steelhead trout, green sturgeon, Ridgway's rail, black rail, and the saltmarsh harvest mouse. In addition, it will provide important nursery habitat for marine fisheries and wintering areas for numerous migratory birds.	200	\$500,000	Marin County Parks and Open Space; State Coastal Conservancy
Miller Knox Regional Shoreline - Lagoon and Marsh Restoration	Tier 2	Contra Costa	This project will create tidal lagoon, marsh and freshwater habitats, reconnecting creeks to their headwaters, reinstating tidal exchange between the lagoon, creek and bay and establishing wetlands.	75	\$2,300,000	East Bay Regional Park District
Montezuma Creek Juarez St. Culvert	Tier 2	Sonoma	This project will replace and reconfigure an existing culvert to facilitate fish passage into upper Montezuma Creek.	1	\$70,000	Turtle Island Restoration Network - Salmon Protection and Watershed Network (SPAWN)
Mount Diablo Creek Watershed Coordinated Steelhead Passage Project	Tier 2	Contra Costa	This project will plan, design, and implement the necessary fish passage projects throughout the watershed to restore steelhead access to 15 miles of stream habitat.	NA	\$400,000	California State Parks; Contra Costa Resource Conservation District
Mountain Lake Remediation	Tier 2	San Francisco	Contaminants will be removed from the sediment in the bottom of this 4-acre lake by dredging 2 1/2 to 5 1/2 feet from the bottom of the lake and hauling off site.	4	\$500,000	Presidio Trust
Muir Woods National Monument Coho Habitat Enhancement	Tier 2	Marin	This project will enhance 3,000 linear feet of juvenile Coho salmon habitat in Muir Woods National Monument. Removal of 80-year old riprap will allow development of natural geomorphic features important to this endangered population.	2	\$450,000	National Park Service

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Napa River Arundo Removal Lodi Lane to Zinfandel Lane	Tier 1	Napa	Project will eradicate Arundo donax along a 5 mile stretch of the Napa River. The Napa River has had removal projects from it's headwaters above Calistoga downstream 25 miles to Oak Knoll Rd. except for this last 5 mile section.			Napa County Flood Control and Water Conservation District
Napa River Restoration: Oakville to Oak Knoll Reach	Tier 2	Napa	The Napa River is one of the only large watersheds in the San Francisco Bay Area which remains in a rural state. Restoration of riparian, freshwater wetland and riverine aquatic habitats along 9 miles of the river will enhance salmonid habitat.	80	\$23,670,000	California Land Stewardship Institute; Laurel Marcus and Associates; Napa County; Napa County Flood Control and Water Conservation District
Napa-Sonoma Marshes - Ponds 6, 6A, 7, 7A, and 8	Tier 1	Napa	Through implementation of water control structures, improvement in water quality, and embankment repairs, this phase will restore five former salt ponds to managed shallow and deep-water ponds suitable for a variety of waterfowl, shorebirds and other wildlife.	1,935	\$3,000,000	California Department of Fish and Wildlife; State Coastal Conservancy
North Richmond Shoreline - San Pablo Marsh Restoration	Tier 2	Contra Costa	The goal is to acquire lands to protect wildlife habitat and enhance the marsh by improving special-status species habitat, removing fill, stabilizing eroding shoreline and establishing transitional areas.	160	\$3,500,000	East Bay Regional Park District
Novato Creek Watershed and Flood Protection Program	Tier 2	Marin	This project will develop a suite of restoration and flood management alternatives that maximize the beneficial uses for lower Novato Creek. The work will include updating and extending the current hydrologic model of the local area, and identifying potential adjustments to flood management practices that would increase the opportunity for wetland and habitat restoration.	1,200	\$5,000,000	Friends of Novato Creek; Marin County Public Works Department
Oakport Project	Tier 2	Alameda	The project will restore 20 acres of contiguous habitat for Ridgway's Rail by removing invasive species, re-vegetating natives, enhancing seasonal wetlands and creating tidal wetlands.	8	\$250,000	Oakland, City of
Off-shore Bird Habitat Project - McLaughlin Eastshore State Park	Tier 2	Alameda	The project will construct new off-shore structures and islands for shorebird roosting and nesting.	1	\$1,500,000	East Bay Regional Park District; San Francisco Bay Joint Venture
Oliver Property	Tier 1	Alameda	This project opened the Hayward Area Recreation and Park District (HARD) Marsh to tidal action, created 82 acres of snowy plover habitat and improved a segment of the Bay Trail.	324	\$200,000	Hayward Area Recreation and Park District; State Coastal Conservancy

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Oyster Bay Regional Shoreline - Tidal Slough Restoration	Tier 2	Alameda	The project will restore 2,000 feet of tidal slough by removing fill and non-native vegetation, installing low fences and barriers and planting native coastal scrub species along the shoreline.	10	\$500,000	East Bay Regional Park District
Pacheco Marsh	Other Active	Contra Costa	The project will restore a 122-acre, previously filled marsh to its historic tidal wetland flow, maximizing wetland habitat and benefiting 12 special status species.	122	\$9,000,000	Contra Costa County Flood Control and Water Conservation District; Muir Heritage Land Trust
Pescadero Creek Watershed Habitat Enhancement Projects	Tier 1	San Mateo	These projects will include reducing bank erosion and sediment delivery and implementing structures to enhance wintering refuge and summer rearing habitats for coho salmon and steelhead.	NA	\$505,000	San Mateo Resource Conservation District
Pescadero Marsh & Butano Fish Passage	Tier 2	San Mateo	Shallow, tidally responsive habitat and fish passage in the marsh will be restored and enhanced through channel reconstruction between the marsh and Butano Creek. This restoration will provide a solution to flooding, as well as benefiting sensitive salmonid species.	10	\$1,850,000	San Mateo Resource Conservation District
Pescadero-Butano Creek Watersheds	Tier 1	San Mateo	These streamflow enhancement projects will install Large Woody Debris structures, increase access to floodplain habitat, prevent erosion, increase off-stream water storage, and improve irrigation efficiencies.	NA	\$12,000,000	San Mateo Resource Conservation District
Petaluma Marsh Expansion	Tier 1	Marin	Monitoring of restored tidal marsh and enhancement of upland refuge habitat.	182	\$60,000	Marin Audubon Society
Peyton Slough Hydraulic Relief Project	Tier 2	Contra Costa	The project will create unimpeded tidal inflow to and drainage from the marsh, improving water quality and bird-nesting habitat, and minimizing the impacts of flooding of adjacent infrastructure.	NA	\$1,400,000	Mt. View Sanitary District
Pier 94 Upland	Tier 1	San Francisco	The project will further establish native vegetation, diversify the native plant community and enhance wildlife habitat in the upland flats of Pier 94.	5	\$22,720	Golden Gate Audubon Society
Pillar Point Marsh and Pillar Point Bluff	Tier 1	San Mateo	Planning - Restoration at the marsh and bluff will improve riparian and coastal scrub/forest habitat for state listed bird species and special status amphibian and reptile species.	178	\$2,000,000	San Mateo County Parks and Recreation Division
Pinole Creek Fish Passage Improvement Project	Tier 2	Contra Costa	This project entails design and implementation of fish passage improvements to allow rainbow trout and steelhead to migrate and reach good spawning habitat.	NA	\$125,000	Contra Costa Resource Conservation District

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Pinole Creek Restoration	Tier 1	Contra Costa	The project will create 0.6 acres of tidal marsh plain, breach a levee to increase tidal flushing and flood storage, replace an existing bridge with a flood-safe bridge, and protect shoreline from increased wave-erosion resulting from sea level rise.	7	\$3,000,000	Contra Costa Resource Conservation District; Pinole, City of; Restoration Design Group
Plant Material Growing Ground Project - McLaughlin Eastshore State Park	Tier 2	Alameda	The project will establish a 2,000 square foot growing ground to collect, propagate and supply local genotypes of native wetland and upland plants for several habitat restoration projects.	NA	\$250,000	East Bay Regional Park District
Point Blue Conservation Science's STRAW Project	Tier 1	Regional Project	The program facilitates direct community involvement with practices that build resilient, healthy watersheds. We propose to implement multiple native planting and invasive plant removal projects that engage schools and community members.	9	\$5,525,000	Point Blue Conservation Science
Point Isabel Regional Shoreline - Wetland Restoration and Public Access	Tier 2	Contra Costa	This project includes enhancement of upland areas, removal of noxious weeds and re-vegetation of natives, building fence to protect wildlife and habitat, and stabilization of eroding shoreline.	25	\$2,700,000	East Bay Regional Park District
Point Molate Regional Shoreline - Restoration and Public Access Project	Tier 2	Contra Costa	Acquire and protect eel grass habitat and adjacent uplands, including avian roosting rocks, oyster reef and tide pools, and reconstruct the shoreline to adapt to sea level rise and prevent erosion.	70	\$4,000,000	East Bay Regional Park District
Point Pinole Regional Shoreline - Lower Rheem Creek Restoration	Tier 2	Contra Costa	The project will reconnect the creek with its historic flood plain, improving water quality and flood water conveyance and providing new high tide refugia for the threatened California black rail.	25	\$7,000,000	East Bay Regional Park District
Point Pinole Regional Shoreline - San Francisco Bay Interpretive Center	Tier 2	Contra Costa	The project will provide a visitor center with interpretive exhibits and education programs demonstrating unique shoreline features, tidal marshes, rare coastal prairie and access to the Bay shoreline.	5	\$5,000,000	East Bay Regional Park District
Radio Beach Expansion Project - McLaughlin Eastshore State Park	Tier 2	Alameda	The project will enhance and expand the beach by removing debris and non-native vegetation, importing sand to the beach and dune complex and re-vegetating native and special-status plants to reduce erosion.	4	\$1,000,000	East Bay Regional Park District

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Redwood Creek Groundwater Storage & Coho Habitat Enhancement	Tier 2	Marin	This project will reduce stormwater runoff and increase groundwater storage in Redwood Creek in order to enhance coho salmon habitat during the dry season.	1,000	\$250,000	National Park Service
Redwood Creek Restoration at Muir Beach, Phase 5	Tier 2	Marin	The overall restoration project restores natural function to a 46-acre area at the mouth of the watershed, including creek, floodplain, wetland, dune and lagoon habitats. Phase 5 entails modifying a major piece of infrastructure to allow the creek to perform naturally and to adapt to a wide range of conditions in the future.	6	\$8,200,000	Marin County Public Works Department; National Park Service
Rheem Creek	Tier 2	Contra Costa	This project will establish a watershed council to restore approximately 2,400 feet of creek and develop an education program to conduct restoration, re-vegetation, monitoring and water conservation.	1	\$977,000	Natural Heritage Institute; Urban Creeks Council
Rush Ranch	Tier 2	Solano	SLT has designed 3 restoration projects designed to support climate change adaption, sensitive species habitat and hydrological functions enhancement that will improve connectivity of fluvial, upland and marsh components.	2,070	\$1,000,000	Solano Land Trust; State Coastal Conservancy
Russian River Giant Reed (Arundo donax) Removal and Riparian Restoration Program	Tier 1	Sonoma	The project consists of the removal of Arundo donax (giant reed) from the Russian River watershed, as well as follow-up treatments to insure that all re-growth is controlled. Re-vegetation with native riparian plants is conducted where appropriate.	5,000	\$750,000	Sonoma Resource Conservation District
Salvador Creek Flood Reduction and Habitat Enhancement	Tier 2	Napa	The project will stabilize streambanks, enhance riparian plant diversity, improve geomorphic function, and reduce flooding.	NA	\$2,600,000	Napa County Flood Control and Water Conservation District
San Anselmo Creek - Treatment of Barriers to Salmonid Passage - Corte Madera Creek Watershed - Marin County	Tier 2	Marin	This project includes the design, permitting, and construction necessary to treat four serious barriers to salmonids on San Anselmo Creek. Two of these barriers have been identified as the highest priority in the entire Corte Madera Creek Watershed. One of the proposed treatment designs would both solve a chronic local flooding issue, and be consistent with NOAA fisheries policy.	0.25	\$2,000,000	Friends of Corte Madera Creek Watershed
San Francisco Bay Multi-Habitat Enhancement	Tier 1	Regional Project	The 230-acre project will restore foundational intertidal and subtidal habitats and create connectivity between submerged areas and adjacent tidal wetlands and creeks.	230	\$700,000	State Coastal Conservancy

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Project	Project Rank	County	Description	Acre	Estimated Funding Needs 3-5 yr	Lead
San Francisco Bay Region Stream Habitat Improvement Program	Tier 1	Regional Project	The program was developed to implement several of the area's most critical habitat restoration projects and to expand our understanding of steelhead status and conservation needs through monitoring.	NA	\$9,000,000	Center for Ecosystem Management and Restoration
San Geronimo Creek - Dixon Weir Passage	Tier 2	Marin	Dixon Weir is a collection of structures including a culvert, dam, sill, and scour pool that constitute an absolute barrier to fish passage in the north fork of the San Geronimo Creek. Reopening the fork involves removing barriers and reconstructing a large box culvert into a bottomless arch culvert.	1	\$200,000	Turtle Island Restoration Network - Salmon Protection and Watershed Network (SPAWN)
San Geronimo Creek - Flanders Ranch Restoration	Tier 2	Marin	This section of San Geronimo Creek passes through extensive cattle pastures, and is a significant source of sediment through the entire watershed. The project will restore riparian vegetation and install cattle exclusions along the north fork of San Geronimo Creek.	2	\$12,000	Turtle Island Restoration Network - Salmon Protection and Watershed Network (SPAWN)
San Geronimo Creek - Roy's Pools passage	Tier 2	Marin	Roy's Pools is a significant barrier to fish migration. Restoration of the existing check pools and fish ladders will remove that significant barrier and allow reconnection of an extensive floodplain and critical winter habitat on the San Geronimo Valley Golf Course.	5	\$1,700,000	Turtle Island Restoration Network - Salmon Protection and Watershed Network (SPAWN)
San Geronimo Creek & Tributaries Invasive Plant Removal	Tier 2	Marin	San Geronimo Valley includes some 300 acres of heavily infested areas of invasive species that do not contribute effectively to ecosystem function. This program includes labor and materials for removal and replanting.	400	\$1,500,000	Turtle Island Restoration Network - Salmon Protection and Watershed Network (SPAWN)
San Geronimo Creek & Tributaries Private Lands Restoration	Tier 2	Marin	San Geronimo Creek is profoundly affected by activities in the roughly 1,000 private parcels abutting the main stem and tributaries. This program will facilitate projects to protect, restore, or enhance riparian habitats, floodplains, creekbanks, and winter fish habitat.	350	\$1,500,000	Turtle Island Restoration Network - Salmon Protection and Watershed Network (SPAWN)
San Geronimo Creek & Tributaries Public and Private Road Restorations	Tier 2	Marin	San Geronimo Valley includes paved and unpaved roads that are a major source of sediments contributing to TMDL exceedances in the watershed. This project will work with County commitments to re-engineer and repair eroding roadways on public and private lands.	NA	\$2,500,000	Turtle Island Restoration Network - Salmon Protection and Watershed Network (SPAWN)

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Project	Project Rank	County	Description	Acre	Estimated Funding Needs 3-5 yr	Lead
San Geronimo Creek Watershed Storm Water Controls	Tier 2	Marin	San Geronimo Valley includes some 100,000 square feet of institutional buildings that are a major component of the impervious surface in the watershed. This project will install bioswales and other stormwater control measures to reduce flashiness and sedimentation in steelhead habitat.	125	\$200,000	Turtle Island Restoration Network - Salmon Protection and Watershed Network (SPAWN)
San Geronimo Valley Golf Course Floodplain Restoration	Tier 2	Marin	In addition to the rebuilding of the Roy's Pools passage, the reconstruction and reconnection of upstream flood plains on the golf course represents one of the most significant improvements available in the watershed.	4	\$150,000	Turtle Island Restoration Network - Salmon Protection and Watershed Network (SPAWN)
San Gregorio Creek Watershed Habitat Enhancement Projects	Tier 1	San Mateo	These projects will include reducing bank erosion and sediment delivery and implementing structures to enhance wintering refuge and summer rearing habitats for coho salmon and steelhead.	NA	\$445,000	San Mateo Resource Conservation District
San Pablo Creekside Park Project	Tier 1	Contra Costa	The project removed invasives and propagated and planted native plant species from the high bank down to the creek.	1	\$15,000	The Watershed Project
Santa Rosa Plain Adopt a Vernal Pool Program	Tier 1	Sonoma	The program trains and deploys Citizen Scientist volunteers to collect data using a vetted, standardized protocol. Volunteers return annually to their "adopted" vernal pool to collect data, assess plant community composition and conduct photo monitoring.	NA	\$60,000	Laguna de Santa Rosa Foundation
Sausal Creek Erosion Control Restoration Project	Tier 1	Alameda	The project includes invasive plant removal and native plant restoration, erosion control, accommodating urban runoff, restoring flow to previously-formed channels, and installing energy dissipation structures to mimic step-pools and vegetated swales.	NA	\$741,500	Friends of Sausal Creek
Sausal Creek Monterey Redwoods Understory Restoration	Tier 1	Alameda	Erosion reduction efforts extend from the creek up to the top of the Bridgeview switchbacks, about a 120-foot elevation gain.	0.3	\$10,000	Friends of Sausal Creek
Sausal Creek Native Plant Propagation	Tier 2	Alameda	The project produces up to 10,000 local native plants annually for restoration projects in seven different vegetation types.	NA	\$10,000	Alameda County Flood Control and Water Conservation District; Friends of Sausal Creek; Oakland, City of
Sausal Creek Watershed Management Plan	Tier 1	Alameda	The project will provide a science-based watershed management plan to guide sustainable long-term restoration of the watershed's hydrological and biological functions.	2,656	\$75,000	Friends of Sausal Creek

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Project	Project Rank	County	Description	Acre	Estimated Funding Needs 3-5 yr	Lead
Sears Point Ranch Riparian Restoration and Public Recreation Project	Tier 2	Sonoma	The project will control erosion, reestablish riparian vegetation and ecological functioning on five seasonal drainages, create an important wildlife corridor, and provide two miles of trails across Sears Point Ranch	900	\$1,000,000	Sonoma Land Trust
Sears Point Wetland and Watershed Restoration Project	Tier 1	Sonoma	The project goals were to restore 960 acres of tidal marsh; enhance up to 40 acres of seasonal wetlands; enhance 15.5 acres of CA red-legged frog habitat; enhance over 900 acres of upland grasslands, vernal pools, and riparian drainages; and construct 2.5 miles of the Bay Trail and up to 3.5 miles of additional trails.	2,327	fully funded	Sonoma Land Trust
Simmons Slough - (Olive & Atherton)	Tier 2	Marin	This project will permanently protect and enhance historic baylands as seasonal wetland habitat. When the restoration is complete, Marin Audubon will deed the property to the Marin County Open Space District.	144	\$25,000	Marin Audubon Society
Skaggs Island and Haire Ranch Restoration	Tier 2	Sonoma	This project will focus on tidal wetland restoration and inclusion in the San Pablo Bay National Wildlife Refuge for both properties.	4,402	\$54,000,000	Ducks Unlimited; US Fish and Wildlife Service - San Pablo Bay National Wildlife Refuge
Sonoma Creek & Tributaries Instream Flow Assessment	Tier 2	Sonoma	This assessment of the magnitude and locations of instream flow limitations on fisheries will significantly build on an existing analysis and increase capacity and knowledge through outreach, monitoring and/or research.	NA	\$200,000	Sonoma Ecology Center
Sonoma Creek & Tributaries Riparian Enhancement	Tier 2	Sonoma	This project will restore, conserve and expand riparian and instream habitats in approximately 100 miles of stream. Riparian enhancement will be conducted on high-priority private parcels and in concert with sediment remediation work at public culverts and crossings.	NA	\$500,000	Sonoma Ecology Center
Sonoma Creek & Tributaries: Nathanson Creek Preserve & Parkway	Tier 2	Sonoma	This project will restore riparian vegetation communities and associated riparian wetlands along a creek that runs through downtown. Salmon having been observed spawning just upstream of the project area for the last four years.	9	\$1,500,000	Sonoma Ecology Center
Sonoma Creek Fish Passage at Madrone Road	Tier 2	Sonoma	This project will increase access to migratory fish habitats in 15 miles of stream.	NA	\$1,500,000	Sonoma Ecology Center
Sonoma Creek Streamflow Recovery Program CEMAR	Tier 2	Sonoma	This project will conserve and enhance dry season streamflow on 100 miles of stream. Beginning with monitoring and progressing to voluntary changes in water use by landowners, it will also work to increase capacity and knowledge through outreach, monitoring and research.	NA	\$3,640,000	Sonoma Ecology Center

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Project	Project Rank	County	Description	Acre	Estimated Funding Needs 3-5 yr	Lead
Sonoma Creek Watershed Fisheries	Tier 2	Sonoma	This project will restore, conserve and expand riparian and instream habitats, benefiting 120 miles of stream. Watershed-wide prioritization of fishery projects will be based on several existing datasets, and design for highest-priority projects.	NA	\$800,000	Sonoma Ecology Center
South Bay Salt Ponds: Alviso - Island Ponds	Tier 2	Santa Clara	The goal for these former salt ponds is to complete a large-scale tidal marsh restoration, maintain or improve flood protection, and improve public access. At this site, this will be accomplished by lowering, removing, or breaching levees, and modifying existing breaches.	499	\$1,000,000	State Coastal Conservancy; US Fish and Wildlife Service
South Bay Salt Ponds: Alviso - Mountain View Ponds - A1, A2W, Charleston Slough	Tier 2	Santa Clara	The goal for these former salt ponds is to complete a large-scale tidal marsh restoration, maintain or improve flood protection to adjacent residences and businesses, and improve recreation and public access. This will be accomplished by altering or breaching levees, and creating wildlife habitat features.	845	\$25,000,000	State Coastal Conservancy; US Fish and Wildlife Service
South Bay Salt Ponds: Eden Landing - Southern Eden Landing	Tier 2	Alameda	This 2,500-acre project will breach at least four salt ponds to become tidal marsh, add habitat islands to increase bird-nesting success and create deep-water channels to improve habitat quality for juvenile fish.	2,500	\$35,000,000	California Department of Fish and Wildlife; State Coastal Conservancy; US Fish and Wildlife Service
South Bay Salt Ponds: Ravenswood Complex - Ponds R3, R4, R5, S5	Tier 2	San Mateo	The goal of this project is to restore seasonal ponds to tidal marsh and managed ponds, maintain or improve flood protection, improve habitat for western snowy plover, and create public access.	670	\$4,000,000	California Department of Fish and Wildlife; State Coastal Conservancy; US Fish and Wildlife Service
Suisun Creek Watershed Enhancement Program	Tier 1	Solano, Sonoma	Projects will include invasive plant eradication, native plant revegetation, stream channel restoration, fish migration barrier removal, water quality and temperature monitoring, and voluntary participation of local farmers in an environmental certification program called Fish Friendly Farming.	10,000	\$2,000,000	California Land Stewardship Institute; California Sportfishing Protection Alliance; Laurel Marcus and Associates; State Coastal Conservancy
Tennessee Hollow: Eastern Tributary	Tier 1	San Francisco	The project will convert a culverted creek tributary to an above ground "daylighted" creek and plant native vegetation along the bank, as well as convert a road to a multi-use trail with a pedestrian bridge.	7	\$6,000,000	Presidio Trust
Tennessee Hollow: Lover's Lane Reach	Tier 1	San Francisco	One of the few natural channel reaches in its watershed, Lover's Lane Reach sustains willows and small perennial flow. Non-native trees and invasive species will be removed to increase the quality of the habitat. The old footpath is also being renovated.	3	\$25,000	Presidio Trust

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Tennessee Hollow: MacArthur Ave Reach	Tier 2	San Francisco	This project to daylight a currently culverted stream will require road removal, building demolition, and extensive grading. The Presidio's community-based restoration program, which relies on a group of dedicated volunteers, will maintain the site.	5	\$4,700,000	Presidio Trust
Tennessee Hollow: MacArthur Meadow	Tier 1	San Francisco	This is a fresh water wetland enhancement that requires the removal of 4,500 cubic yards of fill to create approximately two acres of freshwater marsh and 200 feet of creek channel.	4	\$300,000	Presidio Trust
Tennessee Hollow: Quartermaster Reach/Crissy Field Phase 2	Tier 1	San Francisco	This project will create very rare brackish marsh habitat as well as riparian forest on the south end of its reach, and mud flats and salt marsh on the north end.	7	\$750,000	National Park Service; Presidio Trust
Tennessee Valley Wetlands Restoration	Tier 2	Marin	This project will restore 2-5 acres of wetlands by raising groundwater elevation, removing invasive species, and planting native species. The wetlands will support a variety of wildlife species and the area is widely used by the public.	5	\$600,000	National Park Service
Tiscornia Marsh Restoration Project	Other Active	Marin	The levee on this property will be modified to create high tide refuge habitat for endangered Ridgway's rail which inhabit the marsh. Public access will also be improved on the levee top.	20	\$120,000	Marin Audubon Society
Tolay Lake Regional Park	Other Active	Sonoma	The acquisition of the 1,737-acre Tolay Lake Regional Park allows a much greater degree of public access than ever before. At least 12 known species of "special status" are found on the property.	1,737	\$600,000	California State Parks; Sonoma County Agricultural and Open Space District; Sonoma County Regional Parks Department
Tower Road Project	Tier 1	Solano	Restore form and function to portion of the South Fork of Lynch Creek at the Tower Road crossing and provide enhanced habitat for wildlife.	3	\$145,000	Solano Land Trust
Triangle Marsh - Hayward	Tier 2	Alameda	The 25-acre project will improve tidal action, implement and modify water control structures, promote native vegetation and enhance habitat for the endangered Salt Marsh Harvest Mouse.	25	\$250,000	Hayward Area Recreation and Park District
Upper Adobe Creek Fish Passage Project	Other Active	Sonoma	Two barriers to steelhead migration will be removed, and restoration of riparian habitat along Adobe Creek will rehabilitate ecological processes and restore fisheries habitat.	1	\$60,000	Sonoma Resource Conservation District

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Upper Mark West Creek and Maacama Watersheds Management Plan	Tier 1	Sonoma	This project will develop implementation strategies for an existing management plan. Elements include: improving riparian habitat and instream flow, forest health, fire management, restoring fisheries, and landscape-scale land conservation projects.			Sonoma Land Trust, Sonoma Resource Conservation District
Upper Mark West Creek Management Plan and Water Conservation Projects	Tier 1	Sonoma	Projects will include the completion of a watershed management plan with an in-depth analysis of hydrologic conditions and water flows, creation of an interactive online map-based information system, and installation of two water conservation demonstration projects.	NA	\$278,377	Sonoma Resource Conservation District
Upper Napa River Restoration project	Tier 2	Napa	Steelhead trout and Chinook salmon use this reach of the Napa River to spawn and rear. This project restores and creates riparian and aquatic habitats and enhances water quality by reducing channel erosion.	20	\$500,000	Laurel Marcus and Associates
Upper Sonoma Creek & Tributaries Habitat and Flow Assessment	Tier 2	Sonoma	This project will assess habitat and flow conditions in 80 miles of stream in the upper 2/3 of the watershed. This project will increase capacity and knowledge through outreach, monitoring and/or research.	NA	\$200,000	Sonoma Ecology Center
Western Stege Marsh Restoration Program	Tier 1	Contra Costa	The project restored tidal salt marsh habitat for Ridgway's rail and other wildlife through restoration of adjacent coastal prairie grassland, removal and control of invasive species and native plant vegetation.	8	\$300,000	University of California Berkeley Environmental Health and Safety
Wildcat Creek Restoration	Tier 2	Contra Costa	The project will remove barriers to fish passage providing for fish migration, improve riparian and fish habitat, reduce sedimentation, and reduce the impacts and costs of maintenance.	NA	\$6,000,000	Contra Costa County Flood Control and Water Conservation District
Wilkie Creek Stewardship Project	Tier 1	Contra Costa	This project will remove invasives and plant native species, provide erosion control along 150 feet of creek, assess a deteriorating culvert, and include a strong educational component with De Anza High School.	0.14	\$5,000	The Watershed Project
Yulupa River Passage at Warm Springs Road	Tier 2	Sonoma	This project will notch a perched culvert to improve steelhead passage under Warm Springs Rd. and increase access to habitats in 10 miles of stream.	NA	\$20,000	Sonoma Ecology Center