



**Ecosystem Restoration and Climate Adaptation Grant Program Update  
Staff Report**

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**BACKGROUND**

The Ecosystem Restoration and Climate Adaptation (ERCA) Grant Program refers to a collection of projects that support multi-benefit ecosystem restoration, watershed protection, and climate adaptation projects in the Sacramento-San Joaquin Delta and Suisun Marsh. Projects in this program are currently supported through several funding sources: Proposition 1 Water Quality, Supply, and Infrastructure Improvement Act; Climate Resilience, Community Access, and Natural Resource Protection (CAR); and Nature Based Solutions: Wetland Restoration (NBS:WR). The Proposition 1 Grant Program is designed to support multi-benefit ecosystem, watershed protection and restoration projects in accordance with statewide priorities. The CAR is a General Fund allocation and promotes multi-benefit projects within the areas of climate resilience, community access, and natural resources protection. The NBS:WR is a General Fund allocation supporting wetland restoration projects in the Sacramento-San Joaquin Delta.

The Grant Program requires both a concept proposal and a full proposal. Full proposals are subject to a rigorous review and evaluation process by staff and external professional reviewers (when applicable) and are recommended for funding based upon review, evaluation, and funding availability.

**Ecosystem Restoration and Climate Adaptation Grant Program Funding Sources. CEP refers to the Community Enhancement Grant Program (Agenda Item 9). Amounts listed in millions of dollars.**

Funding Source	Total Allocation	Minimum Amount Available for Grants	Total Amount Allocated for Grants	Amount Remaining to be Allocated	Allocation Date	Encumbrance Date	Program(s) Supported by Funding Source
Proposition 1	\$50.0	\$42.5	\$42.4	\$0.1	8/13/2014	Variable	ERCA
CAR	\$5.25	\$4.99	\$4.99	\$0	9/23/2021	6/30/2024	ERCA and CEP
CAR	\$6.125	\$5.82	\$5.35	\$0.47	9/6/2022	6/30/2025	ERCA and CEP
NBS: Wetland Restoration	\$36.0	\$34.2	\$20.9	\$13.3	9/6/2022	6/30/2025	ERCA

**PROGRAM UPDATE**

As of July 19, 2023, there are 19 active projects, one awarded project with grant development underway, and 16 closed projects.

**APPROVED PROJECTS (TOTAL AMOUNT AWARDED: \$20,907,371)**

Of the Board-approved projects, one project from Nature Based Solutions: Wetland Restoration is in grant agreement development.

<b>Project Name</b>	<b>Wetland Mosaic Landscape on Webb Tract (Planning, Implementation)</b>
<b>Amount Awarded</b>	\$20,907,371
<b>County</b>	Contra Costa
<b>Project ID</b>	NBS01
<b>Grantee</b>	Metropolitan Water District
<b>Overview</b>	Design and construct up to 3,500 acres of managed, flooded wetlands and up to 1,500 acres of rice fields on Webb Tract. The main objectives are to stop ongoing organic soil subsidence, reduce greenhouse gas (GHG) emissions generated, develop sustainable agriculture opportunities, investigate sustainable water management practices, and study how managed wetlands may augment the Delta pelagic food web.
<b>Grant Agreement Status</b>	In Progress
<b>New Information</b>	Grant agreement in development. Expected to be executed October 2023.

**WORKING PROPOSALS (TOTAL AMOUNT REQUESTED: \$13,292,629)**

<b>Project ID</b>	<b>Project Name</b>	<b>Applicant</b>	<b>Project Type</b>	<b>Amount Requested</b>	<b>County</b>	<b>Proposal Status</b>
<b>NBS02</b>	Delta Rice Conversion Project	The Nature Conservancy	Implementation	\$4,700,000	San Joaquin and Contra Costa	In Review
<b>NBS03</b>	Hoover Ranch Wetland Restoration Project	John Muir Land Trust	Acquisition	\$2,025,000	Contra Costa	In Review
<b>NBS04</b>	Staten Island Wetland Restoration Project	The Nature Conservancy	Planning, Implementation	\$6,567,629	San Joaquin	In Review

**ACTIVE PROJECTS****CAR– Fiscal Year 2021-2022**

The Board awarded \$390,000 for one planning project.

<b>Project Name</b>	<b>Big Break Regional Shoreline Restoration and Public Access Planning Project (Planning)</b>
<b>Amount Awarded</b>	\$390,000
<b>County</b>	Contra Costa
<b>Project ID</b>	CAR03
<b>Grantee</b>	East Bay Regional Park District
<b>Overview</b>	Create planning documents to support public access and the long-term sustainability of 1,648 acres of open water, wetlands, and upland habitat.
<b>Grant Agreement Status</b>	Active as of 12/14/2022
<b>New Information</b>	Project work anticipated to begin August 2023.

**Proposition 1 Cycle 5 – Fiscal Year 2021-2022**

The Board awarded approximately \$3.0 million for six projects (two planning and four implementation). Six grant agreements have been executed.

<b>Project Name</b>	<b>Little Franks Tract Invasive Weed Removal and Restoration Project (Implementation)</b>
<b>Amount Awarded</b>	\$427,706
<b>County</b>	Contra Costa
<b>Project ID</b>	P1-2204
<b>Grantee</b>	Contra Costa Resource Conservation District
<b>Overview</b>	Test and identify workable solutions to remove invasive weeds, improve habitat value, and prevent further spread of invasive plants in the Franks Tract State Recreation Area.
<b>Grant Agreement Status</b>	Active as of 4/21/2023
<b>New Information</b>	Project is ongoing.

<b>Project Name</b>	<b>Yolo Bypass Wildlife Area Habitat and Drainage Improvement Project, Phase Two (Implementation)</b>
<b>Amount Awarded</b>	\$887,516
<b>County</b>	Yolo
<b>Project ID</b>	P1-2207
<b>Grantee</b>	Ducks Unlimited
<b>Overview</b>	Constructing hydrological improvements that will restore 220 acres of seasonal wetland, enhance management of 1,803 existing seasonal wetland, and improve water management to 1,180 acres of wildlife friendly agricultural wetland.
<b>Grant Agreement Status</b>	Active as of 3/16/2023
<b>New Information</b>	Project on hold pending appointment of new Yolo Bypass Wildlife Area manager by fall 2023.

<b>Project Name</b>	<b>Ulatis Creek Habitat Restoration Project (Implementation)</b>
<b>Amount Awarded</b>	\$413,586
<b>County</b>	Solano
<b>Project ID</b>	P1-2208
<b>Grantee</b>	Solano County Resource Conservation District
<b>Overview</b>	Create 20 acres of riparian woodland area along the north bank of Ulatis Creek. A total of 1,880 native trees/shrubs and 25,000 forb/sedge plugs will be planted, 100 pounds of wildflowers will be seeded, and invasive non-native plants (including Arundo donax) will be controlled throughout the project site resulting in an increase in native habitat area.
<b>Grant Agreement Status</b>	Active as of 6/13/2023
<b>New Information</b>	Grant agreement executed as of 6/13/2023. Work has started on the project.

<b>Project Name</b>	<b>Improving Hydrological Resiliency of Managed Wetlands in the Suisun Marsh (Implementation)</b>
<b>Amount Awarded</b>	\$542,546
<b>County</b>	Solano
<b>Project ID</b>	P1-2209
<b>Grantee</b>	Suisun Resource Conservation District
<b>Overview</b>	Improve habitat conditions in the Suisun Marsh by installing new hydrological infrastructure at four project sites that will benefit 3,000 acres of managed wetlands.
<b>Grant Agreement Status</b>	Active as of 03/27/2023
<b>New Information</b>	Project is ongoing.

<b>Project Name</b>	<b>Marsh Creek Reservoir Restoration and Total Mercury Reduction Project (Planning)</b>
<b>Amount Awarded</b>	\$550,000
<b>County</b>	Contra Costa
<b>Project ID</b>	P1-2211
<b>Grantee</b>	Contra Costa County Flood Control and Water Conservation District
<b>Overview</b>	Design a shovel-ready multi-benefit project that would restore the Marsh Creek Reservoir system, provide ecological benefit, improve flood capacity, and enhance public recreation opportunities.
<b>Grant Agreement Status</b>	Active as of 5/23/2023
<b>New Information</b>	A project kick-off meeting was held 06/21/2023.

<b>Project Name</b>	<b>Van Buskirk Multi-Benefit Ecosystem Restoration Planning Project (Planning)</b>
<b>Amount Awarded</b>	\$467,848
<b>County</b>	San Joaquin
<b>Project ID</b>	P1-2212
<b>Grantee</b>	American Rivers
<b>Overview</b>	Multi-benefit ecosystem restoration planning project that will integrate nature-based design solutions and multi-benefit flood protection concepts, as well as work with partners to seek implementation funding for future projects at the site.
<b>Grant Agreement Status</b>	Active as of 12/22/2022
<b>New Information</b>	Project is ongoing.

**Proposition 1 Cycle 4 – Fiscal Year 2018-2019**

The Board awarded approximately \$14.9 million for 10 projects (eight planning and two implementation). One project was withdrawn after receiving an award. To date, one project has closed.

<b>Project Name</b>	<b>Mello/Jensen Heirs Sandhill Crane Preserve Project (Implementation)</b>
<b>Amount Awarded</b>	\$2,263,472
<b>County</b>	Sacramento
<b>Project ID</b>	Prop 1-1801
<b>Grantee</b>	Agricultural-Natural Resources Trust
<b>Overview</b>	Acquire a conservation easement on 275 acres of farmland to ensure that it remains as wildlife friendly agriculture
<b>Grant Agreement Status</b>	Active as of 12/29/2020
<b>New Information</b>	The project team is reviewing the final draft conservation easement.

<b>Project Name</b>	<b>Delta Waterways Habitat Restoration Planning (Planning)</b>
<b>Agreement Amount</b>	\$347,481
<b>County</b>	Solano
<b>Project ID</b>	Prop 1-1804
<b>Grantee</b>	Solano Resource Conservation District
<b>Overview</b>	Planning for restoration and enhancement of waterways and edge habitats on working lands in Solano County
<b>Grant Agreement Status</b>	Active as of 12/19/2019
<b>New Information</b>	Progress at the 12 planning sites is ongoing. Implementation funding secured for sites 1, 2, 10, and 11 (Ulati Creek, Schwarz Farm, McCormick Ranch).

<b>Project Name</b>	<b>Paradise Cut Conservation and Flood Management Project, Phase 2 (Planning)</b>
<b>Amount Awarded</b>	\$265,254
<b>County</b>	San Joaquin
<b>Project ID</b>	Prop 1-1806
<b>Grantee</b>	San Joaquin Resource Conservation District
<b>Overview</b>	Outreach and planning to advance the Paradise Cut Flood Bypass in San Joaquin County
<b>Grant Agreement Status</b>	Active as of 9/23/2020
<b>New Information</b>	Grantee submitted Final Report and Invoice. Project closes 7/31/2023.

<b>Project Name</b>	<b>Elk Slough Fish Passage and Flood Improvement (Planning)</b>
<b>Amount Awarded</b>	\$984,695
<b>County</b>	Yolo
<b>Project ID</b>	Prop 1-1807
<b>Grantee</b>	Reclamation District 999
<b>Overview</b>	Planning for habitat and flood control enhancements along Elk Slough
<b>Grant Agreement Status</b>	Active as of 7/10/2020
<b>New Information</b>	Project is ongoing.

<b>Project Name</b>	<b>Lower San Joaquin Riparian Corridor (Planning)</b>
<b>Amount Awarded</b>	\$522,027
<b>County</b>	San Joaquin
<b>Project ID</b>	Prop 1-1808
<b>Grantee</b>	American Rivers
<b>Overview</b>	Planning for restoration of floodplain and riparian habitat along the lower San Joaquin River
<b>Grant Agreement Status</b>	Active as of 5/3/2021
<b>New Information</b>	Progress on the Planting Design, Habitat Restoration Plan, and Cost Estimate deliverables continues. Grantee has been meeting with the landowners, River Islands and Reclamation district to further clarify project constraints.

<b>Project Name</b>	<b>Phase 1 San Joaquin River Floodplain Restoration and Floodway Enhancement at Banta-Carbona Project (Planning)</b>
<b>Amount Awarded</b>	\$750,931
<b>County</b>	San Joaquin
<b>Project ID</b>	Prop 1-1810
<b>Grantee</b>	Banta-Carbona Irrigation District
<b>Overview</b>	Planning for 30 acres of seasonally inundated floodplain restoration
<b>Grant Agreement Status</b>	Active as of 12/10/2020
<b>New Information</b>	Grantee is continuing with hydraulic and sediment transport modeling, along with additional work on agency outreach.

<b>Project Name</b>	<b>Nutria Eradication Project, Phase 2 (Implementation)</b>
<b>Agreement Amount</b>	\$8,483,080
<b>County</b>	Multiple
<b>Project ID</b>	Prop 1-1813
<b>Grantee</b>	California Department of Fish and Wildlife
<b>Overview</b>	Surveys for and removal of invasive species to minimize or avoid impacts to wetland habitats and water quality.
<b>Grant Agreement Status</b>	Active as of 6/8/2020
<b>New Information</b>	Project is ongoing. Refer to Agenda Item 13 for detailed update.

<b>Project Name</b>	<b>Oakley Creekside Park Restoration (Planning)</b>
<b>Amount Awarded</b>	\$436,465
<b>County</b>	Contra Costa
<b>Project ID</b>	Prop 1-1814
<b>Grantee</b>	City of Oakley
<b>Overview</b>	Planning for restoration of floodplain and riparian habitat along Marsh Creek
<b>Grant Agreement Status</b>	Active as of 12/11/2020
<b>New Information</b>	A survey to solicit community input on the design of a pedestrian bridge has been made available to the public. Additional project work is ongoing.



**Proposition 1 Cycle 3 – Fiscal Year 2017-2018**

The Board awarded approximately \$16.0 million for eight projects (four planning and four implementation). To date, four grants have closed.

<b>Project Name</b>	<b>Restoration Planning at River Garden Farms: Improving aquatic habitat resiliency on working lands along the Sacramento River (Planning)</b>
<b>Agreement Amount</b>	\$647,701
<b>County</b>	Yolo
<b>Project ID</b>	Prop 1-1702
<b>Grantee</b>	American Rivers
<b>Overview</b>	Develop restoration design plans for seven different project sites at River Garden Farms to restore ecosystem function in floodplain, wetland, and riparian habitats and provide habitat connectivity on a working farm
<b>Grant Agreement Status</b>	Active as of 1/22/2019
<b>New Information</b>	Grantee has recently submitted the final invoice.

<b>Project Name</b>	<b>Knightsen Wetland Restoration and Flood Protection Project (Planning)</b>
<b>Agreement Amount</b>	\$1,435,000
<b>County</b>	Contra Costa
<b>Project ID</b>	Prop 1-1709
<b>Grantee</b>	East Contra Costa County Habitat Conservancy
<b>Overview</b>	Advance planning for restoring wetlands and managing and treating storm water on public land in Knightsen
<b>Grant Agreement Status</b>	Active as of 3/20/2019
<b>New Information</b>	Conservancy staff prepared a staff recommendation for Board consideration to extend the grant's funding term (Agenda Item 5.2).

<b>Project Name</b>	<b>Grizzly Slough Floodplain Restoration Project at the Cosumnes River Preserve (Implementation)</b>
<b>Agreement Amount</b>	\$8,700,800
<b>County</b>	Sacramento
<b>Project ID</b>	Prop 1-1710
<b>Grantee</b>	Department of Water Resources
<b>Overview</b>	Restore wetland and riparian habitat to the 334-acre site by breaching the levee and reintroducing tidal and seasonal flooding, and by establishing native vegetation
<b>Grant Agreement Status</b>	Active as of 4/30/2020
<b>New Information</b>	Amendment to extend grant term to 03/31/2026 was executed 06/15/2023.

<b>Project Name</b>	<b>Stone Lakes Restoration Project (Planning)</b>
<b>Agreement Amount</b>	\$635,573
<b>County</b>	Sacramento
<b>Project ID</b>	Prop 1-1713
<b>Grantee</b>	Ducks Unlimited, Inc.
<b>Overview</b>	Planning to restore approximately 257 acres of seasonal wetland and 39 acres of riparian seasonal wetland, and enhance 20 acres of existing low-quality wetland on the Stone Lakes National Wildlife Refuge
<b>Grant Agreement Status</b>	Active as of 4/2/2019
<b>New Information</b>	Conservancy staff prepared a staff recommendation for Board consideration for an amendment to the project budget (Agenda Item 8.1).

**Proposition 1 Cycle 2 – Fiscal Year 2016-2017**

The Board awarded approximately \$4.4 million for four projects (one planning and three implementation). To date, all four grants have closed.

**Proposition 1 Cycle 1 – Fiscal Year 2015-2016**

The Board awarded approximately \$3.9 million to seven projects (four planning and three implementation). To date, all seven grants have closed.

**CLOSED PROJECTS**

To date, a total of sixteen projects funded by Proposition 1 have fully closed (seven planning, nine implementation). To receive a copy of a final report, please submit a written request specifying the project(s) of interest to [prop1grants@deltaconservancy.ca.gov](mailto:prop1grants@deltaconservancy.ca.gov).

<b>Project Name</b>	<b>Yolo Bypass Wildlife Area Habitat and Drainage Improvement Project (Implementation)</b>
<b>Agreement Amount</b>	\$2,026,814 (\$3,299 unspent)
<b>County</b>	Yolo
<b>Project ID</b>	Prop 1-Y1-2015-003
<b>Grantee</b>	Ducks Unlimited
<b>Overview</b>	Implement habitat and working landscape enhancements in the Yolo Bypass Wildlife Area
<b>Grant Agreement Status</b>	Closed as of 03/31/2022
<b>New Information</b>	Closed; a final report is available for review.

<b>Project Name</b>	<b>Fish Friendly Farming Certification Program for the Sacramento-San Joaquin Delta (Planning)</b>
<b>Amount Spent</b>	\$89,448 (\$2 unspent)
<b>County</b>	All Delta Counties
<b>Project ID</b>	Prop 1-Y1-2015-005
<b>Grantee</b>	California Land Stewardship Institute
<b>Overview</b>	Develop a program to work with farmers to improve water quality, that is specific to the crops and water quality concerns in Delta counties
<b>Grant Agreement Status</b>	Closed as of 10/9/2020
<b>New Information</b>	Closed; a final report is available for review.

<b>Project Name</b>	<b>Sherman Island Restoration Project, Phase III (Planning)</b>
<b>Amount Spent</b>	\$93,599 (\$6,367 unspent)
<b>County</b>	Sacramento
<b>Project ID</b>	Prop 1-Y1-2015-008
<b>Grantee</b>	Ducks Unlimited
<b>Overview</b>	Develop plans and permits to restore up to 1,600 acres of wetlands on Sherman Island to provide habitat, reverse subsidence, and sequester carbon
<b>Grant Agreement Status</b>	Closed as of 3/1/2019
<b>New Information</b>	Closed; a final report is available for review. Design plans are still current. Waiting for Phase II to be completed.

<b>Project Name</b>	<b>Three Creeks Parkway Restoration Project (Implementation)</b>
<b>Amount Spent</b>	\$826,666 (\$9,743 unspent)
<b>County</b>	Contra Costa
<b>Project ID</b>	Prop 1-Y1-2015-009
<b>Grantee</b>	American Rivers
<b>Overview</b>	Convert denuded flood control channel at the confluence of Marsh, Sand, and Deer Creeks into a healthy stream corridor
<b>Grant Agreement Status</b>	Closed as of 4/1/2022
<b>New Information</b>	Closed; a final report is available for review.

<b>Project Name</b>	<b>Paradise Cut Conservation and Flood Management Plan (Planning)</b>
<b>Amount Spent</b>	\$99,924 (\$217 unspent)
<b>County</b>	San Joaquin
<b>Project ID</b>	Prop 1-Y1-2015-012
<b>Grantee</b>	San Joaquin Resource Conservation District
<b>Overview</b>	Advance plans for a new flood bypass that will reduce flood risk, improve habitat, and maintain agricultural land along the San Joaquin River south of Paradise Cut
<b>Grant Agreement Status</b>	Closed as of 6/30/2019
<b>New Information</b>	Closed; a final report is available for review.

<b>Project Name</b>	<b>Wildlife Corridors for Flood Escape on the Yolo Bypass Wildlife Area Project (Implementation)</b>
<b>Amount Spent</b>	\$829,183 (\$7,051 unspent)
<b>County</b>	Yolo
<b>Project ID</b>	Prop 1-Y1-2015-016
<b>Grantee</b>	Yolo Resource Conservation District
<b>Overview</b>	Restore up to 5 miles (22 acres) of floodway-compatible wildlife and pollinator habitat, providing a transit corridor for wildlife during floods
<b>Grant Agreement Status</b>	Closed as of 3/7/2023
<b>New Information</b>	Closed; a final report is available for review.

<b>Project Name</b>	<b>Lower Marsh and Sand Creek Watershed Restoration Planning Project (Planning)</b>
<b>Amount Spent</b>	\$73,493 (\$2,391 unspent)
<b>County</b>	Contra Costa
<b>Project ID</b>	Prop 1-Y1-2015-019
<b>Grantee</b>	American Rivers
<b>Overview</b>	Create a Programmatic California Environmental Quality Act document for future restoration activities conducted by Grantee and their partners in the Marsh Creek and Sand Creek watersheds
<b>Grant Agreement Status</b>	Closed as of 12/31/2019
<b>New Information</b>	Closed; a final report is available for review. The Programmatic Mitigated Negative Declaration, developed as part of this project, is being used during the planning of the P1-1814 grant.

<b>Project Name</b>	<b>Dutch Slough Revegetation (Implementation)</b>
<b>Agreement Amount</b>	\$2,900,000 (\$270 unspent)
<b>County</b>	Contra Costa
<b>Project ID</b>	Prop 1-1602
<b>Grantee</b>	Reclamation District 2137
<b>Overview</b>	Establish and maintain 468 acres of native tidal marsh, riparian, and grassland vegetation at the Dutch Slough restoration site
<b>Grant Agreement Status</b>	Closed as of 07/15/2022.
<b>New Information</b>	Closed; a final report is available for review.

<b>Project Name</b>	<b>Petersen Ranch: Working Waterway Habitat Enhancement Project (Implementation)</b>
<b>Agreement Amount</b>	\$444,464 (\$1,398 unspent)
<b>County</b>	Solano
<b>Project ID</b>	Prop 1-1605
<b>Grantee</b>	Solano Resource Conservation District
<b>Overview</b>	Restore 13.5 acres of riparian habitat and improve water quality through improved cattle management practices on approximately 525 acres of active farmland along Lindsey Slough
<b>Grant Agreement Status</b>	Closed as of 2/11/2022
<b>New Information</b>	Closed; a final report is available for review.

<b>Project Name</b>	<b>Restoration of Priority Wetlands for Endangered Species at the Cosumnes River Preserve (Implementation)</b>
<b>Amount Spent</b>	\$942,631 (\$145,798 unspent)
<b>County</b>	Sacramento
<b>Project ID</b>	Prop 1-1608
<b>Grantee</b>	Sacramento County Regional Parks
<b>Overview</b>	Restore 110 acres of freshwater wetlands to benefit listed species
<b>Grant Agreement Status</b>	Closed as of 1/28/2021
<b>New Information</b>	Closed; a final report is available for review.

<b>Project Name</b>	<b>Investigations of Restoration Techniques that Limit Invasion of Tidal Wetlands (Planning)</b>
<b>Agreement Amount</b>	\$104,452 (\$21,398 unspent)
<b>County</b>	Contra Costa
<b>Project ID</b>	Prop 1-1612
<b>Grantee</b>	The Regents of the University of California (UC Davis)
<b>Overview</b>	Identify improved methods for tidal wetland revegetation that reduce invasion by non-native plants at Dutch Slough
<b>Grant Agreement Status</b>	Closed as of 11/30/2021
<b>New Information</b>	Closed; a final report is available for review.

<b>Project Name</b>	<b>Bay Point Habitat Restoration Project (Implementation)</b>
<b>Agreement Amount</b>	\$2,100,000 (\$13,718 unspent)
<b>County</b>	Contra Costa
<b>Project ID</b>	Prop 1-1701
<b>Grantee</b>	East Bay Regional Park District
<b>Overview</b>	Restore 44 acres of wetland and grassland and 5,595 linear feet of saline emergent marsh channel at Bay Point Regional Shoreline Park
<b>Grant Agreement Status</b>	Closed as of 12/31/2021
<b>New Information</b>	Closed; a final report is available for review.

<b>Project Name</b>	<b>Three Creeks Parkway Restoration Project #2 (Implementation)</b>
<b>Agreement Amount</b>	\$990,543 (\$46 unspent)
<b>County</b>	Contra Costa
<b>Project ID</b>	Prop 1-1711
<b>Grantee</b>	American Rivers
<b>Overview</b>	This agreement has been cleared to expire on 6/30/22.
<b>Grant Agreement Status</b>	Funding ended 06/30/2022.
<b>New Information</b>	Closed; a final report is available for review.

<b>Project Name</b>	<b>Bees Lakes Habitat Restoration Plan (Planning)</b>
<b>Agreement Amount</b>	\$592,500 (\$886 unspent)
<b>County</b>	Yolo
<b>Project ID</b>	Prop 1-1712
<b>Grantee</b>	City of West Sacramento
<b>Overview</b>	Develop a detailed habitat restoration plan to restore disturbed riparian habitat, control non-native species, improve pond water quality, and improve the ability of the Bees Lakes area to support listed species
<b>Grant Agreement Status</b>	Closed as of 4/27/2021
<b>New Information</b>	Closed; a final report is available for review. Grantee awarded Climate, Access, and Restoration for funds at July 2022 Conservancy Board meeting.

<b>Project Name</b>	<b>Nutria Eradication Project (Implementation)</b>
<b>Agreement Amount</b>	\$1,125,577 (\$6,120 unspent)
<b>County</b>	Multiple
<b>Project ID</b>	Prop 1-1718
<b>Grantee</b>	California Department of Fish and Wildlife
<b>Overview</b>	Eliminate nutria from all known and discovered locations in California to prevent nutria from causing significant ecological damage in the Delta
<b>Grant Agreement Status</b>	Closed as of 04/05/2023
<b>New Information</b>	Closed; a final report available for review.

<b>Project Name</b>	<b>Blacklock Restoration: Phragmites Control Study (Planning)</b>
<b>Agreement Amount</b>	\$387,440 (\$0 unspent)
<b>County</b>	Solano
<b>Project ID</b>	Prop 1-1803
<b>Grantee</b>	Department of Water Resources
<b>Overview</b>	Test methods for controlling invasive species in future restoration at the Blacklock restoration site
<b>Grant Agreement Status</b>	Closed as of 04/25/2022
<b>New Information</b>	Closed; a final report is available for review.

**RECENTLY COMPLETED PROJECTS****P1-1803: Blacklock Restoration: Phragmites Control Study (Planning)**

The purpose of this project was to determine the best method of controlling the invasive non-native plant species, *Phragmites*, to enhance habitat at Blacklock, a multi-benefit ecosystem restoration site in Suisun Marsh. *Phragmites* is a highly invasive wetland reed. *Phragmites* control methods have been established in some habitats, but little information exists on control methods in tidal habitats, such as the Blacklock site. In order to inform the future implementation of site-wide *Phragmites* control measures within the Blacklock restoration site, this planning project characterized the feasibility, efficacy, and environmental impacts of *Phragmites* control methods in a tidal habitat on a small scale. Control methods, including glyphosate and imazapyr herbicide applications, and mechanical mowing, were performed on established *Phragmites* stands. Individual methods were tested, as well as several in combination. All five tested treatment methods exhibited reduced *Phragmites* growth with minimal negative off-target impacts to neighboring and resident plants, water quality, and the aquatic food web.



Grantee's staff monitoring treatment site by kayaks.





Small spikerush population growing among the new tule shoots on the edge of the treatment area.



Native Tule Pea growing in the restoration area.



Dense colony of native Mason's Lilaeopsis and small Spikerush shoots growing among Tules.

**Meeting Date: July 26, 2023**

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**Agenda Item: 7**

**Attachment: 1**

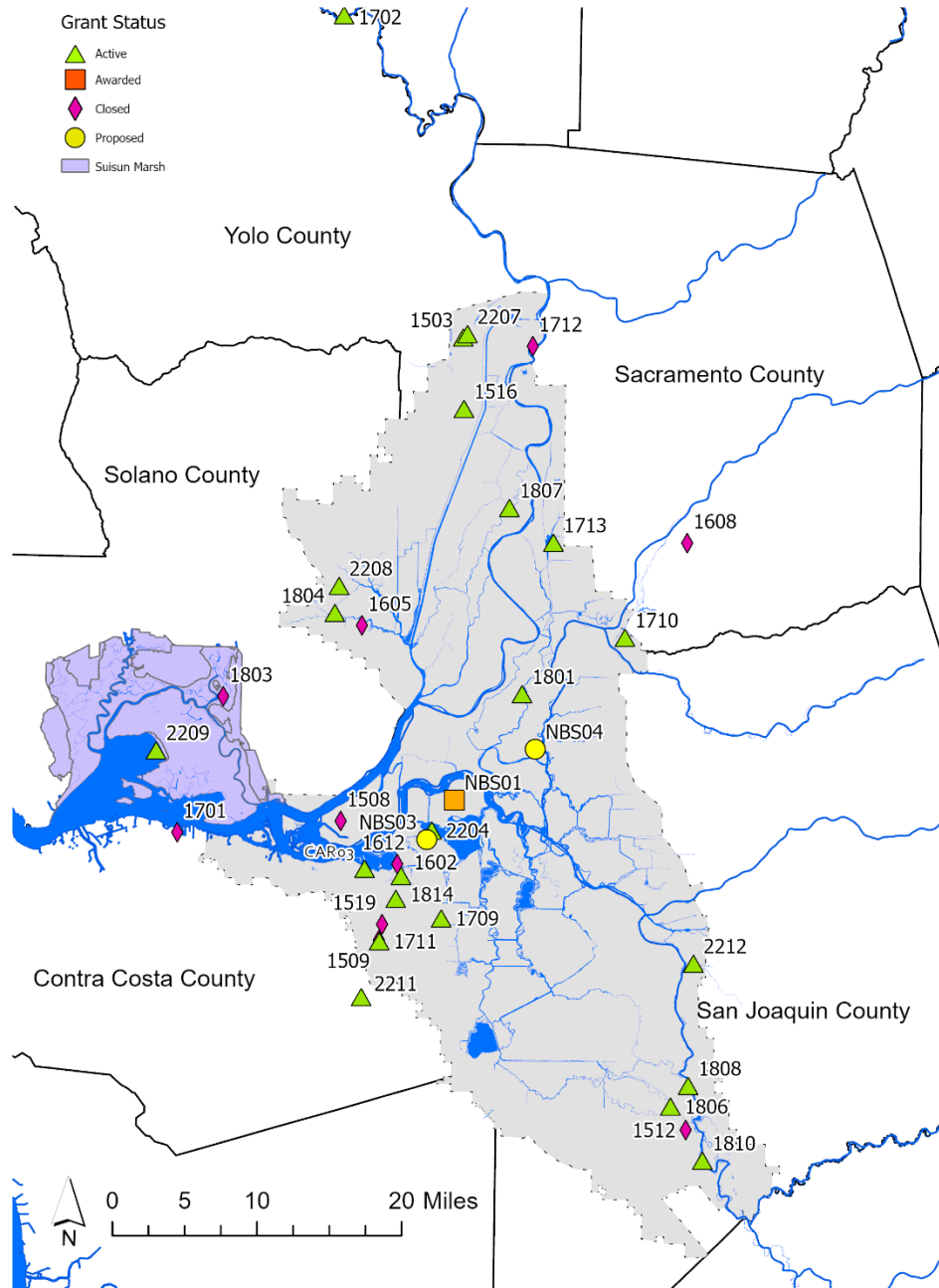
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7.1. MAP OF ECOSYSTEM RESTORATION AND CLIMATE ADAPTATION PROJECTS



One active project (P1-1813) and two closed projects (P1-1505 and P1-1718) are not mapped due to their large spatial coverage.