



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

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 7.1). 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	\$0.02	9/6/2022	6/30/2025	ERCA and CEP
NBS: Wetland Restoration	\$36.0	\$34.2	\$34.2	\$0	9/6/2022	6/30/2025	ERCA

PROGRAM UPDATE

As of March 11, 2024, there are three awarded projects with grant development underway, 17 active projects, and 19 closed projects.

APPROVED PROJECTS (TOTAL AMOUNT AWARDED: \$13,288,611)

Of the Board-approved projects, three projects from Nature Based Solutions: Wetland Restoration are in grant agreement development.

Project Name	Delta Rice Conversion Program (Implementation)
Amount Awarded	\$4,333,124
County	San Joaquin and Contra Costa
Project ID	NBS02
Grantee	The Nature Conservancy
Overview	Provide financial incentives by funding the cost of conversion for Delta Farmers to convert existing agriculture to wildlife-friendly rice. The Program will target 5,000 acres in the Delta to halt subsidence, reduce greenhouse gas emissions, and provide fish and wildlife habitat.
Grant Agreement Status	In Progress
New Information	Grant agreement in development. Expected to be executed March 2024.

Project Name	Land Acquisition on Bethel Island (Acquisition)
Amount Awarded	\$2,202,091
County	Contra Costa
Project ID	NBS03
Grantee	John Muir Land Trust
Overview	Acquire a 600-acre parcel on Bethel Island to be converted to wetlands and permanently stewarded and protected. Future phases of this project will provide fish and wildlife habitat, reverse subsidence, reduce greenhouse gas emissions, and benefit the residents of Bethel Island by reducing flood risk and providing open space. This Project will also explore the carbon market as a potential revenue stream to improve long-term economic viability of wetlands.
Grant Agreement Status	In Progress
New Information	Grant agreement in development. Expected to be executed March 2024.

Project Name	Wetland Restoration Project on Staten Island (Implementation)
Amount Awarded	\$6,753,396
County	San Joaquin
Project ID	NBS04
Grantee	The Nature Conservancy
Overview	Convert 426 acres of existing corn to wetlands on a portion of Staten Island that has become too wet to farm. The wetlands will provide fish and wildlife habitat, reverse subsidence on the most deeply subsidized portion of the island, reduce greenhouse gas emissions, and support the wildlife-friendly agriculture that is occurring on Staten Island Preserve. This Project will also explore the carbon market as a potential revenue stream to improve long-term economic viability of wetlands.
Grant Agreement Status	In Progress
New Information	Grant agreement in development. Expected to be executed March 2024.

ACTIVE PROJECTS

Nature-Based Solutions: Wetland Restoration

The Board awarded \$32.4 million for four projects (one planning with implementation, one acquisition, and two implementation). One grant agreement has been executed, three grant agreements are in development.

Project Name	Wetland Mosaic Landscape on Webb Tract (Planning, Implementation)
Amount Awarded	\$20,907,371
County	Contra Costa
Project ID	NBS01
Grantee	Metropolitan Water District
Overview	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 create fish and wildlife habitat, reverse subsidence, reduce greenhouse gas (GHG) emissions, develop sustainable agriculture opportunities, investigate sustainable water management practices, and explore the carbon market as a potential revenue stream to improve long-term economic viability of wetlands.
Grant Agreement Status	Active as of 3/6/2024
New Information	Grant agreement executed March 6, 2024.

CAR – Fiscal Year 2021-2022

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

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

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.

Project Name	Little Franks Tract Invasive Weed Removal and Restoration Project (Implementation)
Amount Awarded	\$427,706
County	Contra Costa
Project ID	P1-2204
Grantee	Contra Costa Resource Conservation District
Overview	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.
Grant Agreement Status	Active as of 4/21/2023
New Information	The Grantee is completing aerial mapping of Project site and field verification that will be used to plan work areas and access. Next step is permitting and weed management.

Project Name	Yolo Bypass Wildlife Area Habitat and Drainage Improvement Project, Phase Two (Implementation)
Amount Awarded	\$887,516
County	Yolo
Project ID	P1-2207
Grantee	Ducks Unlimited
Overview	Constructing hydrological improvements that will restore 220 acres of seasonal wetland, enhance management of 1,803 acres of existing seasonal wetland, and improve water management to 1,180 acres of wildlife-friendly agricultural wetland.
Grant Agreement Status	Active as of 3/16/2023
New Information	The Grantee anticipates submitting a request to modify the scope of work in Spring 2024.

Project Name	Ulatis Creek Habitat Restoration Project (Implementation)
Amount Awarded	\$413,586
County	Solano
Project ID	P1-2208
Grantee	Solano County Resource Conservation District
Overview	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.
Grant Agreement Status	Active as of 6/13/2023
New Information	The Grantee is working with CA Conservation Corps to continue to reduce non-native weed biomass, Arundo being the most time intensive. Native seeds are being collected and propagated for future planting, which is scheduled for Spring 2024. Avian monitoring will also begin Spring 2024. Grantee is working with Yocha Dehe Wintun Nation for cultural sensitivity training.

Project Name	Improving Hydrological Resiliency of Managed Wetlands in the Suisun Marsh (Implementation)
Amount Awarded	\$542,546
County	Solano
Project ID	P1-2209
Grantee	Suisun Resource Conservation District
Overview	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.
Grant Agreement Status	Active as of 03/27/2023
New Information	Construction has been delayed due to wet weather for three of the four project sites but is scheduled for Spring 2024. The Grantee continues to work with landowners and permitting agencies to fully design and permit the project. Baseline data collection is ongoing since Fall 2023, and hydrology models are being calibrated.

Project Name	Marsh Creek Reservoir Restoration and Total Mercury Reduction Project (Planning)
Amount Awarded	\$550,000
County	Contra Costa
Project ID	P1-2211
Grantee	Contra Costa County Flood Control and Water Conservation District
Overview	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.
Grant Agreement Status	Active as of 5/23/2023
New Information	The Grantee is drafting cultural and biological resources reports and developing 35 Percent Design Plan documents.

Project Name	Van Buskirk Multi-Benefit Ecosystem Restoration Planning Project (Planning)
Amount Awarded	\$467,848
County	San Joaquin
Project ID	P1-2212
Grantee	American Rivers
Overview	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.
Grant Agreement Status	Active as of 12/22/2022
New Information	The Grantee toured the project site with project partners and over 30 attendees (see photo below). There was much enthusiasm for the project. The Grantee is preparing visually appealing outreach materials and drafting a Nature Based Solutions Technical report on the project after investigating ecological and community beneficial design options. The Grantee is also pursuing implementation funding.



Figure 6.1. The American Rivers Board of Directors, national and California staff, and project partners at the Van Buskirk project site tour held on October 6, 2023.

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, two projects have closed.

Project Name	Mello/Jensen Heirs Sandhill Crane Preserve Project (Implementation)
Amount Awarded	\$2,263,472
County	Sacramento
Project ID	Prop 1-1801
Grantee	Agricultural-Natural Resources Trust
Overview	Acquire a conservation easement on 275 acres of farmland to ensure that it remains as wildlife friendly agriculture
Grant Agreement Status	Active as of 12/29/2020
New Information	Acquisition anticipated to take place in March 2024.

Project Name	Delta Waterways Habitat Restoration Planning (Planning)
Agreement Amount	\$347,481
County	Solano
Project ID	Prop 1-1804
Grantee	Solano Resource Conservation District
Overview	Planning for restoration and enhancement of waterways and edge habitats on working lands in Solano County
Grant Agreement Status	Active as of 12/19/2019
New Information	The Grantee has added a fourth project site, R. Emigh Lambing Farm, to the planning project. The Grantee is working on permitting, implementation funding, and landowner and agency coordination for the other three sites.

Project Name	Elk Slough Fish Passage and Flood Improvement (Planning)
Amount Awarded	\$984,695
County	Yolo
Project ID	Prop 1-1807
Grantee	Reclamation District 999
Overview	Planning for habitat and flood control enhancements along Elk Slough
Grant Agreement Status	Active as of 7/10/2020
New Information	Project is complete. Conservancy staff are working with the Grantee to complete closeout.

Project Name	Lower San Joaquin Riparian Corridor (Planning)
Amount Awarded	\$522,027
County	San Joaquin
Project ID	Prop 1-1808
Grantee	American Rivers
Overview	Planning for restoration of floodplain and riparian habitat along the lower San Joaquin River
Grant Agreement Status	Active as of 5/3/2021
New Information	The Grantee is working with the landowner on design. Permitting and agency coordination is ongoing.

Project Name	Phase 1 San Joaquin River Floodplain Restoration and Floodway Enhancement at Banta-Carbona Project (Planning)
Amount Awarded	\$750,931
County	San Joaquin
Project ID	Prop 1-1810
Grantee	Banta-Carbona Irrigation District
Overview	Planning for 30 acres of seasonally inundated floodplain restoration
Grant Agreement Status	Active as of 12/10/2020
New Information	The Grantee is wrapping up final design of the project and is preparing permits for submission. The term of the Agreement was extended to allow adequate time for coordination with permitting agencies.

Project Name	Nutria Eradication Project, Phase 2 (Implementation)
Agreement Amount	\$8,483,080
County	Multiple
Project ID	Prop 1-1813
Grantee	California Department of Fish and Wildlife
Overview	Surveys for and removal of invasive species to minimize or avoid impacts to wetland habitats and water quality
Grant Agreement Status	Active as of 6/8/2020
New Information	The Grantee anticipates submitting a request to change budget line items in Spring 2024.

Project Name	Oakley Creekside Park Restoration (Planning)
Amount Awarded	\$436,465
County	Contra Costa
Project ID	Prop 1-1814
Grantee	City of Oakley
Overview	Planning for restoration of floodplain and riparian habitat along Marsh Creek
Grant Agreement Status	Active as of 12/11/2020
New Information	The Grantee is identifying a conservation easement holder and working towards recording an easement at the project site; they are also seeking implementation funding.

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, six grants have closed.

Project Name	Knightsen Wetland Restoration and Flood Protection Project (Planning)
Agreement Amount	\$1,435,000
County	Contra Costa
Project ID	Prop 1-1709
Grantee	East Contra Costa County Habitat Conservancy
Overview	Advance planning for restoring wetlands and managing and treating storm water on public land in Knightsen
Grant Agreement Status	Active as of 3/20/2019
New Information	Project is ongoing. The Grantee was recently awarded \$9.7 million from the California Department of Fish and Wildlife Watershed Grants Program to support implementation of the Project.

Project Name	Grizzly Slough Floodplain Restoration Project at the Cosumnes River Preserve (Implementation)
Agreement Amount	\$8,700,800
County	Sacramento
Project ID	Prop 1-1710
Grantee	California Department of Water Resources
Overview	Restore wetland and riparian habitat to the 321-acre site by breaching the levee and reintroducing tidal and seasonal flooding, and by establishing native vegetation
Grant Agreement Status	Active as of 4/30/2020
New Information	An amendment to reduce project acreage from 334 to 321 acres was executed on February 27, 2024. The Grantee is soliciting bids for construction that is anticipated to start May 2024.

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 nineteen projects funded by Proposition 1 have fully closed (ten 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.

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

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

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

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

Project Name	Paradise Cut Conservation and Flood Management Plan (Planning)
Amount Spent	\$99,924 (\$217 unspent)
County	San Joaquin
Project ID	Prop 1-Y1-2015-012
Grantee	San Joaquin Resource Conservation District
Overview	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
Grant Agreement Status	Closed as of 6/30/2019
New Information	Closed; a final report is available for review.

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

Project Name	Lower Marsh and Sand Creek Watershed Restoration Planning Project (Planning)
Amount Spent	\$73,493 (\$2,391 unspent)
County	Contra Costa
Project ID	Prop 1-Y1-2015-019
Grantee	American Rivers
Overview	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
Grant Agreement Status	Closed as of 12/31/2019
New Information	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.

Project Name	Dutch Slough Revegetation (Implementation)
Agreement Amount	\$2,900,000 (\$270 unspent)
County	Contra Costa
Project ID	Prop 1-1602
Grantee	Reclamation District 2137
Overview	Establish and maintain 468 acres of native tidal marsh, riparian, and grassland vegetation at the Dutch Slough restoration site
Grant Agreement Status	Closed as of 7/15/2022
New Information	Closed; a final report is available for review.

Project Name	Petersen Ranch: Working Waterway Habitat Enhancement Project (Implementation)
Agreement Amount	\$444,464 (\$1,398 unspent)
County	Solano
Project ID	Prop 1-1605
Grantee	Solano Resource Conservation District
Overview	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
Grant Agreement Status	Closed as of 2/11/2022
New Information	Closed; a final report is available for review.

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

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

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

Project Name	Restoration Planning at River Garden Farms: Improving Aquatic Habitat Resiliency on Working Lands Along the Sacramento River (Planning)
Agreement Amount	\$647,701 (\$23,249 unspent)
County	Yolo
Project ID	Prop 1-1702
Grantee	American Rivers
Overview	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
Grant Agreement Status	Closed as of 4/22/2023
New Information	Closed; a final report is available for review.

Project Name	Three Creeks Parkway Restoration Project #2 (Implementation)
Agreement Amount	\$990,543 (\$46 unspent)
County	Contra Costa
Project ID	Prop 1-1711
Grantee	American Rivers
Overview	Add one acre of habitat to the current Three Creeks Parkway Restoration project, thereby enhancing the ecological benefits of that project, while satisfying flood conveyance needs to protect the local area
Grant Agreement Status	Closed as of 8/24/2022
New Information	Closed; a final report is available for review.

Project Name	Bees Lakes Habitat Restoration Plan (Planning)
Agreement Amount	\$592,500 (\$886 unspent)
County	Yolo
Project ID	Prop 1-1712
Grantee	City of West Sacramento
Overview	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
Grant Agreement Status	Closed as of 4/27/2021
New Information	Closed; a final report is available for review. The Grantee was awarded Climate, Access, and Restoration for funds at July 2022 Conservancy Board meeting.

Project Name	Stone Lakes Restoration Project (Planning)
Agreement Amount	\$635,573 (\$5,139 unspent)
County	Sacramento
Project ID	Prop 1-1713
Grantee	Ducks Unlimited, Inc.
Overview	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
Grant Agreement Status	Closed as of 2/29/2024
New Information	Closed; a final report is available for review.

Project Name	Nutria Eradication Project (Implementation)
Agreement Amount	\$1,125,577 (\$6,120 unspent)
County	Multiple
Project ID	Prop 1-1718
Grantee	California Department of Fish and Wildlife
Overview	Eliminate nutria from all known and discovered locations in California to prevent nutria from causing significant ecological damage in the Delta
Grant Agreement Status	Closed as of 4/05/2023
New Information	Closed; a final report available for review.

Project Name	Blacklock Restoration: Phragmites Control Study (Planning)
Agreement Amount	\$387,440 (\$0 unspent)
County	Solano
Project ID	Prop 1-1803
Grantee	California Department of Water Resources
Overview	Test methods for controlling invasive species in future restoration at the Blacklock restoration site
Grant Agreement Status	Closed as of 4/25/2022
New Information	Closed; a final report is available for review.

Project Name	Paradise Cut Conservation and Flood Management Project, Phase 2 (Planning)
Amount Awarded	\$265,254 (\$505 unspent)
County	San Joaquin
Project ID	Prop 1-1806
Grantee	San Joaquin Resource Conservation District
Overview	Outreach and planning to advance the Paradise Cut Flood Bypass in San Joaquin County
Grant Agreement Status	Closed as of 9/18/2023
New Information	Closed; a final report is available for review.

RECENTLY COMPLETED PROJECTS

Prop 1-1713: Stone Lakes Restoration Project (Planning)

The purpose of this project was to conduct planning for ecosystem restoration and enhancement for both private (Serra Family Trust) and federally owned land at Stone Lakes National Wildlife Refuge. Planning efforts aimed to maximize faunal diversity through restored and enhanced wetlands and to support food web development. Under this Proposition 1 grant, engineering design plans were completed to 90 percent, a monitoring and adaptive management plan for the Serra Property was developed, and the appropriate environmental documents, permit applications, and supporting reports were completed, resulting in a shovel-ready project.



Figure 6.2. Existing grassland within the project area, planned to be restored to seasonal wetland.



Figure 6.3. A Dallis grass grassland in the irrigated pastureland of the project site. This area will be restored to shallow seasonal wetland.

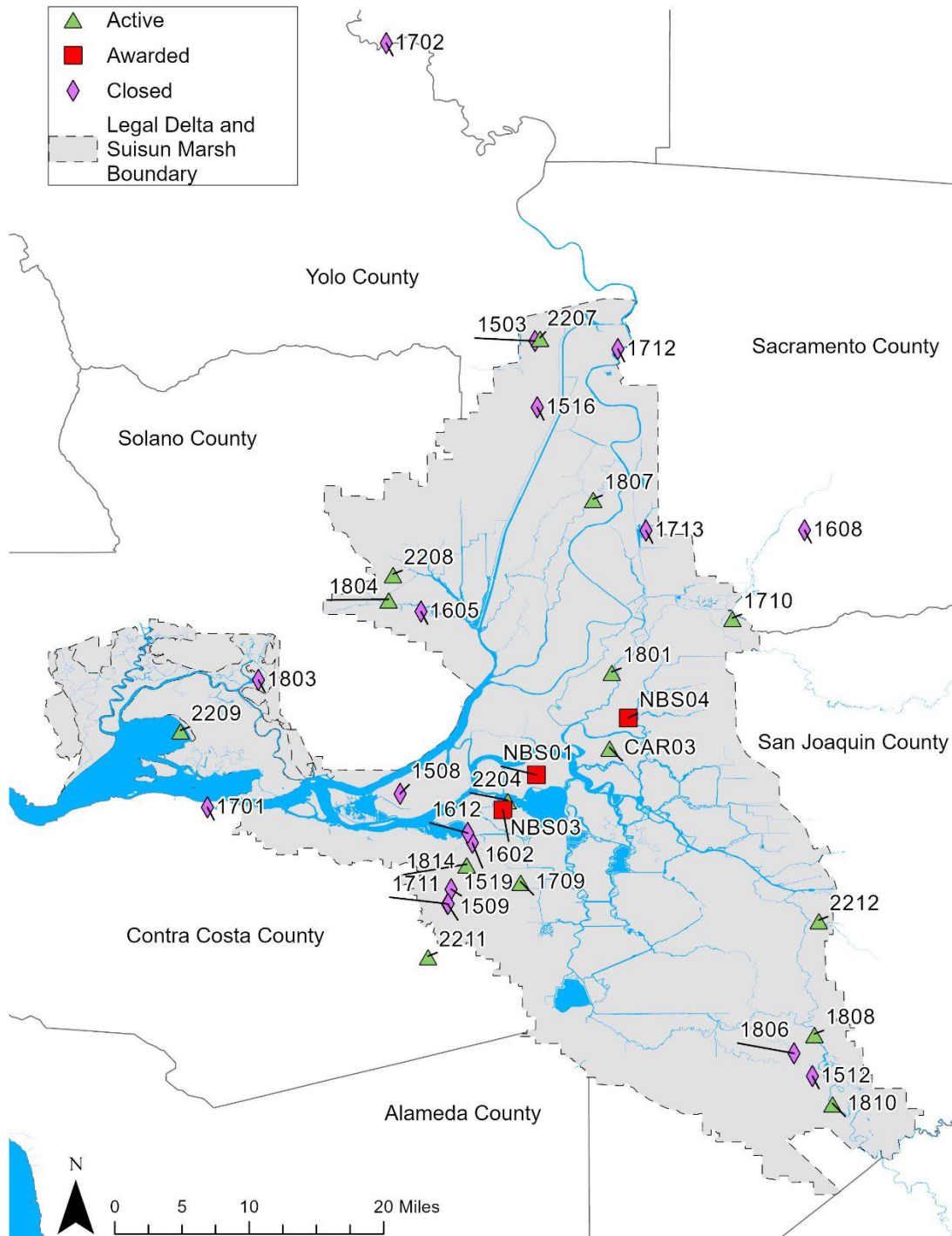


Figure 6.4. Biologists with Ducks Unlimited perform pre-project baseline avian surveys.

CONTACT

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FIGURE 6.5. MAP OF ECOSYSTEM RESTORATION AND CLIMATE ADAPTATION PROJECTS



One active project (P1-1813), two closed projects (P1-1505 and P1-1718), and one awarded project (NBS 02) are not mapped due to their large spatial coverage.