



Quarterly Report to Environmental Enhancement Committee: 3rd Quarter, 2017

Active Projects:

1. Peyton Slough Hydraulic Relief Project, Martinez
2. Habitat Restoration of Coastal Strand, Dune, and Lagoon Ecosystems; Manchester SP
3. Restoration of Coastal Native Plant Communities & Seabird Habitat, Santa Cruz CA
4. Morro Dunes Natural Preserve Restoration, Los Osos, CA
5. Restoration of Priority Freshwater Wetlands for Endangered Species, Consumnes River Preserve

Completed Projects

1. Point Arena II Resource Lands Conservation, by The Trust for Public Land (September 2013)
2. McDaniel Slough, Arcata (June 2014)
3. Pioneering and Innovative Oyster Restoration at Elkhorn Slough (August 2014)
4. Sears Point Tidal Restoration Project (October 2015)
5. Sonoma Creek Tidal Marsh Enhancement Project (June 2016)
6. Dune Restoration at Morro Strand State Beach (June 2016)
7. Community Based Restoration on the Fort Ord Dunes State Park (September 2016)
8. Complete Restoration of Point Reyes North Great Beach Critical Dune Habitat (January 2017)
9. Restoration of Salt Marsh-Upland Transition, Tijuana Slough National Wildlife Refuge (January 2017)

Active Projects

The following grants are currently being funded from the EEF, with a brief update for each:

1. Peyton Slough Hydraulic Relief Project, Martinez

- **Grantee:** Dorothy M. Sakazaki Environmental Endowment Fund
- **Term:** 07/01/2015 – 08/31/2018
- **Dollar amount authorized by EEC:** \$415,500
- **Invoiced to date:** \$0
- **Work completed:** 30% design
- **More information available at:** Request full quarterly report from Daniel Orr.

3rd Quarter Update: The Grantee secured an additional \$23,000 in funding from Chevron Pipe Line and \$26,000 from Andeavor Logistics, LP. The project remains underfunded. CDFW has processed a one-year no-cost extension for this EEF grant, extending the term of it to August 31 2018.

2. Habitat Restoration of Coastal Strand, Dune, & Lagoon Ecosystems; Manchester SP

- **Grantee:** CA Department of Parks and Recreation
- **Term:** 07/01/2015 – 06/30/2018
- **Dollar amount authorized by EEC:** \$106,711
- **Invoiced to date:** \$6,521.60
- **Work completed:** Mapping work and pre-project monitoring, initial herbicide application, post treatment monitoring.
- **More information available at:** No additional information currently available.

3rd Quarter Update: Since the July 2016 Quarterly Report, physical work was delayed because CalFire and conservation corps crews were needed for urgent work related to the Sonoma-Mendocino fires. Two site visits to evaluate herbicide treatment sites were conducted. Herbicide treatment resulted in incomplete 40-60% die-off with new growth occurring five months after treatment. A spring re-treatment is expected. Hand crews will be rescheduled for herbicide follow up and areas not suited to spraying in January 2018.

Picture to right: A portion of the 12-person crew applying herbicide along the foredunes; May 10, 2017; Manchester State Park.



3. **Restoration of Coastal Native Plant Communities & Seabird Habitat, Santa Cruz, CA.**

- **Grantee:** Social and Environmental Entrepreneurs
- **Term:** 05/15/2016 – 06/30/2018
- **Dollar amount authorized by EEC:** \$82,400.37
- **Invoiced to date:** \$70,891.22
- **Work completed:** Seed collection, planning, ice plant removal, plantings, monitoring.
- **More information available at:** Request full 2nd quarter update from Daniel Orr.

3rd Quarter Update: No report was received from the Grantee for the 3rd Quarter. Transect and aerial data on previous plantings to evaluate restoration success and additional plantings were scheduled.

4. **Morro Dunes Natural Preserve Restoration, Los Osos, CA.**

- **Grantee:** California Department of Parks and Restoration
- **Term:** 07/21/2017 – 06/30/2020
- **Dollar amount authorized by EEC:** \$180,000.00
- **Invoiced to date:** \$0
- **Work completed:** Determination of monitoring plots.
- **More information available at:** None available yet. Work is scheduled to begin in 2018

5. **Restoration of Priority Freshwater Wetlands for Endanger Species, Cosumnes River Preserve**

- **Grantee:** California Department of Parks and Restoration
- **Term:** 09/20/2017 – 06/30/2020
- **Dollar amount authorized by EEC:** \$89,900.00
- **Invoiced to date:** \$0
- **Work completed:** CEQA compliance and permit preparation.
- **More information available at:** None available yet. Work is scheduled to begin in 2018.

Completed Projects

- 1) Point Arena II Resource Lands Conservation
- 2) McDaniel Slough Tidal Restoration
- 3) Pioneering and Innovative Oyster Restoration at Elkhorn Slough
- 4) Sears Point Tidal Restoration Project
- 5) Sonoma Creek Tidal Marsh Enhancement Project
- 6) Dune Restoration at Morro Strand State Beach
- 7) Community Based Restoration on the Fort Ord Dunes State Park
- 8) Restoration of Point Reyes North Great Beach Critical Dune Habitat
- 9) Restoration of Salt-Marsh-Upland Transition, Tijuana Slough National Wildlife Refuge