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Project Summary

Date February 20, 2004
Project Riparian restoration planning and feasibility study for the Riparian Sanctuary, Llano Seco Unit, Sacramento River National Wildlife Refuge.
Proponents River Partners, working closely with US Fish and Wildlife Service (USFWS) and the Princeton, Cordora, Glenn and Provident Irrigation Districts' (PCGID-PID)

Project Overview

This project investigates alternatives to:

- Restore 500-acres on the Riparian Sanctuary (Llano Seco Unit) of the Sacramento River National Wildlife Refuge, and
- Protect the Princeton, Cordora, Glenn and Provident Irrigation Districts' (PCGID-PID) fish screen and pumping plant.

To address these issues, River Partners proposes an inclusive, cooperative, science-based planning process to meet multiple objectives. We will work closely with the Sacramento River Conservation Area Forum, the PCGID-PID, USFWS, agencies, and other stakeholders to find locally supported, ecologically sound solutions for this strategically located site. This project will also develop a long-term monitoring plan to examine the relationship of restoration to natural processes. These planning efforts represent a major step toward allowing the Riparian Sanctuary to meet its ecological potential, protect the pumping plant and fish screen, and provide vital data for making sound floodplain management decisions on future sites.

Project Description

Start date: November 2003
Anticipated completion date: Fall 2005 (2 years)

Key Milestones

- Host public meetings, first one to discover issues and discuss initial alternatives in (March or April 2004).
- Develop a Draft Pumping Plant Protection Feasibility Study (Summer 2004)
- Develop a Draft Riparian Restoration Feasibility Study (Fall 2004).
- Scientific panel review of studies and development of a Draft Interdisciplinary Monitoring Plan (Spring 2005).

Type of Activity Planning
Primary goal Investigate options that meet habitat restoration, flood control, and pumping plant protection objectives.

Additional goals Identify long-term monitoring options that can be built into the restoration project. Collaborate with local stakeholders.

CALFED category Ecosystem Restoration Program. The proposal (#231 *US Fish and Wildlife Service: Riparian Restoration Planning and Feasibility Study for the Riparian Sanctuary, Llano Seco Unit*) may be viewed at:
https://ecosystem.calfed.ca.gov/WRRRC/CalFed/proposals/selection_panel_report_static.

Funding

Source(s) Proposition 204
Amount \$289,784

Location

Map Please see attached map.

County Butte County

River Mile Between 176 and 178.5, on the east bank of the Sacramento River

Size 500 acres

Contacts

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Technical Information

Biological Planning that leads to restoration will improve habitat for a variety of important species (VELB, anadromous fish, and migratory birds), and expand the riparian corridor.

Flood analysis An existing two-dimensional hydrodynamic model will be updated to assess the impacts associated with restoration on the site, and will include examination of cumulative impacts associated with various restoration projects between RM 172 to 194.

Economic This project does not result in the alteration of ownership or land-use. This planning project may initiate future projects, which will provide economic opportunities.

Public Use Public use is not part of this CALFED grant. The USFWS is evaluating public use as part of the Comprehensive Conservation Plan.

Related Efforts

The Department of Fish and Game, the Department of Water Resources, Wildlife Conservation Board the US Army Corps of Engineers, the USFWS, Reclamation District 1004, the Nature Conservancy, and River Partners are involved with various habitat (riparian and wetland) restoration efforts in the area. In addition, the Department of Interior's Anadromous Fish Screen Program, California Department of Fish and Game, PCGID-PID, and the Metropolitan Water District funded the PCGID-PID fish screen.

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