

Work Task E11: Draper Lake

FY05 Estimate	FY05 Actual	Cumulative Accomplishment Through FY05	FY06 Approved Estimate	FY07 Proposed Estimate	FY08 Proposed Estimate	FY09 Proposed Estimate
\$100,000	\$0	\$0	\$70,000	\$0	\$0	\$0

Contact: Gregg Garnett, (702) 293-8644

Start Date: FY05 **Expected Duration:** Closed in FY05

Long-Term Goal: Habitat creation

Conservation Measures: CLRA1, BONY2, RASU2, LEBI1, and BLRA1

Location: Reach 5, Imperial National Wildlife Refuge, River Mile 82.5, CA

Purpose: Evaluate Draper Lake as a potential habitat creation project. Improvements will be targeted to provide protected backwater habitat for native fish. Evaluations will also determine if areas directly adjacent to Draper Lake will allow for the creation of marsh and riparian habitats targeted for other species covered under the LCR MSCP.

Connections with Other Work Tasks (past and future): This Work Task was previously included in the Draft FY05 Work Tasks as Draper Lake, Imperial National Wildlife Refuge (E10). Draper Lake has been identified as a potential backwater creation project; and will be evaluated using Work Task E15. Work Task E11 has been closed.

Project Description: Located on Imperial NWR, Draper Lake is an existing backwater. LCR inflow has been substantially reduced due to siltation and vegetation encroachment of a natural channel that runs between Draper Lake and the LCR. The project includes design work, regulatory compliance, and associated coordination involved in dredging/excavating a 0.3-mile long channel between Draper Lake and the LCR at RM 82.7. Passive fish barrier technology will be used to exclude non-native fish life stages from Draper Lake. This project will supply additional water capacity to Draper Lake permitting the survival and maintenance of native fish habitat in the protected backwater.

With the concurrence of the Refuge Manager, Draper Lake is not being actively investigated, and will be removed from the FY06 and FY07 work plans. An alternate location was selected to meet the backwater creation commitments of the SIA. The lake will be evaluated along with other potential backwater projects using established backwater screening protocols. The costs for preliminary investigations in FY05 were not incurred by the LCR MSCP.

FY05 Accomplishments: Conceptual design and surveying were initiated; preliminary project scoping and scheduling were completed. An initial conceptual design and scoping meeting was conducted to prepare a number of options and approaches to present to the land owner the FWS.

FY06 Activities: Initial FY06 activities included coordinating design and construction at Draper Lake with FWS. Reclamation conducted more detailed topographic and river cross-sectional surveys to determine the approach, estimated removal, and disposal quantities necessary to construct backwater habitat at Draper Lake. This information was to be provided to prepare engineering designs and final approaches to construction; however, after consultation with FWS entities, it was determined that Draper Lake was not an ideal candidate for habitat creation and that site screening and selection criteria may produce more desirable backwaters as candidates for habitat creation. The data collected will be filed and used in future screening and site selection processes. No costs for FY06 were incurred by the LCR MSCP for work conducted in FY06.

Proposed FY07 Activities: This Work Task is closed.