

Work Task D6: System Monitoring for Riparian Obligate Avian Species

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

Contact: John Swett, (702) 293-8574

Start Date: FY06 **Expected Duration:** FY55

Long-term Goal: System monitoring for avian covered species

Conservation Measures: MRM1 and MRM2

Location: System-wide

Purpose: Monitor riparian obligate bird species covered under the LCR MSCP to document long-term trend and habitat use.

Connections with other Work Task (past and present): Sample transects, completed under Work Task C18, will be used to design this monitoring project. Information obtained through this Work Task will be used in conjunction with data from Work Task D5 to conduct system monitoring for avian covered species. Data collected during post-development monitoring of habitat creation sites listed in Section E may also be used in this Work Task.

Project Description: The LCR MSCP includes conservation measures for 26 covered species and five evaluation species, including nine neo-tropical migratory bird species. It is inefficient to monitor every covered species individually throughout the entire LCR MSCP planning area. Many bird populations can be monitored effectively using multi-species survey protocols.

Reclamation has worked with the GBBO, USGS, and other state and federal agencies to develop a point count system monitoring design for the State of Nevada, through Partners-in-Flight. By utilizing the GBBO monitoring system, data from the LCR can be incorporated into a larger, regional database which makes the data more powerful during analysis. Population trends can be derived over time, thus enabling Reclamation to monitor existing avian populations.

FY05 Accomplishments: See Work Task C18.

FY06 Activities: It was anticipated that implementation of this Work Task would begin in FY06. However, additional sample transects are being conducted to obtain the data necessary to successfully design this monitoring plan. It is anticipated that a draft monitoring plan will be completed in September 2006. As a result, full implementation of the system monitoring program for riparian obligate avian species was delayed until 2007.

Proposed FY07 Tasks: Monitoring plan will be finalized in the fall of 2006. Begin implementation of a system monitoring program for avian species. Select point count transects. Collect point count data on designated transects within the LCR corridor approximately three times during the breeding season. Data will be entered into Reclamation's LCR MSCP database.

Pertinent Reports: Draft study design will be available upon request when completed.