

Work Task D10: System Monitoring of Rodent Populations

FY14 Estimate	FY14 Actual Obligations	Cumulative Expenditures Through FY14	FY15 Approved Estimate	FY16 Proposed Estimate	FY17 Proposed Estimate	FY18 Proposed Estimate
\$40,000	\$40,251.89	\$174,521.98	\$40,000	\$40,000	\$40,000	\$40,000

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Start Date: FY11

Expected Duration: FY55

Long-Term Goal: System monitoring to document the presence of possible source populations of LCR MSCP covered rodents along the LCR

Conservation Measures: AMM1, AMM6, MRM2, DPMO1, CRCR1, CRCR2, YHCR1, and YHCR2

Location: System-wide along the LCR, including the Bill Williams River

Purpose: The purpose of this work task is to conduct presence surveys of the Yuma hispid cotton rat, Colorado River cotton rat, and desert pocket mouse within existing habitat along the LCR.

Connections with Other Work Tasks (Past and Future): System monitoring will be used in conjunction with post-development monitoring (F3) and small mammal research (C27) to document habitat at capture locations.

Project Description: The survey under this work task was designed so the presence of the Colorado River cotton rat and Yuma hispid cotton rat could be detected in an attempt to document populations within existing habitat on the LCR. Furthermore, surveys will be conducted to locate desert pocket mouse habitat that could be affected by habitat creation-related activities to determine whether the habitat is occupied by this species. Surveys may be conducted in the extreme edges of each species' range in an attempt to document the outer limits of their respective distributions within the LCR MSCP planning area.

Previous Activities: Presence surveys have been conducted in potential Colorado River and Yuma hispid cotton rat habitat within the LCR MSCP area to document each species range and to collect genetic samples.

FY14 Accomplishments: Surveys were conducted within previously known locations to document the presence of the Colorado River and Yuma hispid cotton rats. Areas surveyed included potential habitat near Yuma, Arizona, and Needles, California. No Colorado River cotton rats were captured at Pintail Slough this year. The Yuma hispid cotton rat was captured within the Limitrophe area south of Yuma.

FY15 Activities: System-wide rodent surveys for covered species will continue at sites monitored in FY14. If new potential cotton rat habitat is discovered, monitoring will be conducted to document their presence.

Proposed FY16 Activities: Surveying throughout the LCR system to document presence within existing habitat will continue. If new potential cotton rat habitat is discovered, monitoring will be conducted to document their presence.

Pertinent Reports: The 2013 annual report will be posted on the LCR MSCP Web site upon completion.