

Work Task C35: Western Red Bat and Western Yellow Bat Roosting Characteristics Study

FY08 Estimates	FY08 Actual	Cumulative Accomplishment Through FY08	FY09 Approved Estimate	FY10 Proposed Estimate	FY11 Proposed Estimate	FY12 Proposed Estimate
\$0	\$0	\$0	\$0	\$50,000	\$150,000	\$150,000

Contact: Allen Calvert, (702) 293-8311, acalvert@usbr.gov

Start Date: FY10

Expected Duration: FY13

Long-term Goal: To determine roosting characteristics for the western red bat and western yellow bat.

Conservation Measures: MRM1 (WRBA, WYBA)

Location: Within the LCR MSCP project boundary, Bill Williams River NWR, and possibly other riparian areas where western red bats and/or western yellow bats are known to occur.

Purpose: To better define roosting characteristics for the two species using radio telemetry

Connections with Other Work Tasks (past and future): Work tasks D9 and F4 are determining the distribution of each species as well as determining areas in which capturing the target species is possible.

Project Description: Radio transmitters will be attached to both western red bats and western yellow bats. These bats will then be tracked to their roosting sites (in trees) during the day to pinpoint their roosting locations. Vegetation measurements will be collected at both known roost sites as well as random non-use sites to determine whether these bat species have specific roosting characteristics. If so, these characteristics will be used when creating habitat for these species. Thus far, only a few western red bats have been captured within the LCR MSCP program area. It may be necessary to include other riparian areas in the study in order to have enough bats for the sample.

Previous Activities: Locations where enough of these species can be captured to obtain a large enough sample size is being determined in work tasks D9 and F4.

FY08 Accomplishments: This is a new start in FY10

FY09 Activities: This is a new start in FY10

Proposed FY10 Activities: Preliminary work will include developing a scope of work and evaluating survey areas.

Pertinent Reports: None