

Work Task D4: Southwestern Willow Flycatcher Presence/Absence Survey Hualapai Tribe

FY05 Estimate	FY05 Actual	Cumulative Accomplishment Through FY05	FY06 Approved Estimate	FY07 Proposed Estimate	FY08 Proposed Estimate	FY09 Proposed Estimate
\$65,000	\$64,657	\$64,657	\$68,000	\$76,000	\$78,000	\$0

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Start Date: FY05 **Expected Duration:** FY08 decision point

Long-term Goal: System monitoring for the SWFL on Hualapai tribal lands within the Grand Canyon.

Conservation Measures: AMM1, AMM3, MRM1, MRM2, and WIFL2

Location: Hualapai Tribal Lands; AZ.

Purpose: Conduct SWFL surveys on Hualapai tribal lands in the Grand Canyon as part of the system monitoring program. Identify SWFL population, breeding sites, and specific threats to SWFL habitat on tribal lands.

Connections with other Work Tasks (past and future): This Work Task was previously included in the Draft FY05 Work Tasks as Southwestern Willow Flycatcher Habitat Monitoring in the Grand Canyon (D5). Surveys conducted under this Work Task provide system monitoring coverage for SWFL in areas not covered by D2. Protocols used in D2 are replicated under this Work Task to provide comparable data.

Project Description: Reclamation provided the Hualapai Tribe a grant agreement to conduct presence/absence surveys for SWFL on tribal lands within the Grand Canyon. These surveys are conducted on sensitive tribal lands not included in the system-wide SWFL monitoring program. These surveys enable the Tribe to manage occupied SWFL by avoiding and minimizing disturbance to nesting SWFL, as well as providing data to the system monitoring program.

Previous Activities: Reclamation has funded SWFL surveys on Hualapai tribal lands since 1997.

FY05 Accomplishments: The Hualapai Tribe surveyed tribal lands within the Grand Canyon between Separation Canyon and Lake Mead. Important recreational areas, such as Spencer Creek, were surveyed and appropriate management actions have been undertaken to minimize impacts to SWFL breeding sites (limiting visitor access, changing helicopter flight patterns). One single singing male was detected during these surveys. Although habitat has declined in quality in many areas, suitable habitat was still present in 2005.

FY06 Activities: Tribal biologists will conduct presence/absence surveys on sensitive Hualapai lands below Separation Canyon. The Hualapai biologists coordinate banding and nest monitoring activities with SWCA.

Proposed FY07 Activities: Hualapai Tribal biologists will conduct presence/absence surveys on sensitive Hualapai tribal lands below Separation Canyon and will continue to coordinate with SWCA banding and nest monitoring activities.

The current agreement between Reclamation and the Hualapai Tribe extends through 2008. At that time, Reclamation will re-evaluate the level of effort needed for future studies and surveys.

Pertinent Reports: *Southwestern Willow Flycatcher Surveys in Lower Grand Canyon, FY2005* is available upon request.