

## Work Task F9: Post-Development Southwestern Willow Flycatcher Presence/Absence Surveys

FY16 Estimates	FY16 Actual Obligations	Cumulative Expenditures Through FY16	FY17 Approved Estimate	FY18 Proposed Estimate	FY19 Proposed Estimate	FY20 Proposed Estimate
\$0	\$0	\$0	\$0	\$100,000	\$400,000	\$400,000

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**Start Date:** FY18

**Expected Duration:** FY55

**Long-Term Goal:** Post-development monitoring of southwestern willow flycatchers (*Empidonax traillii extimus*)

**Conservation Measures:** MRM1, MRM2, and MRM4 (WIFL)

**Location:** Conservation areas in Reaches 1–7 along the lower Colorado River (LCR), lower Bill Williams River, and the Virgin River between Mesquite, Nevada, and Lake Mead

**Purpose:** To monitor southwestern willow flycatcher populations at LCR MSCP conservation areas

**Connections with Other Work Tasks (Past and Future):** Work Task D2 included post-development and system-wide monitoring of southwestern willow flycatcher population numbers and demographics along the LCR from FY05–17. Monitoring of southwestern willow flycatchers will be split into separate work tasks beginning in FY18, with system-wide monitoring continuing under Work Task D2 and post-development monitoring conducted under Work Task F9.

**Project Description:** Presence surveys are conducted at LCR MSCP conservation areas in Reaches 1–7 along the LCR, lower Bill Williams River, and the Virgin River between Mesquite and Lake Mead.

**Previous Activities:** Presence surveys and life history studies for southwestern willow flycatchers have been conducted along the LCR since 1996 and since FY05 under Work Task D2.

**FY16 Accomplishments:** This is a new start in FY18.

**FY17 Activities:** This is a new start in FY18.

**Proposed FY18 Activities:** Surveys for southwestern willow flycatchers will be conducted at LCR MSCP conservation areas and the creditable acreage in the middle portion of the Bill Williams River National Wildlife Refuge containing cottonwood-willow (*Populus fremontii-Salix gooddingii*) land cover. If southwestern willow flycatchers are observed displaying breeding behavior, surveys will be conducted in an attempt to confirm breeding.

**Pertinent Reports:** N/A