

## Work Task E17: Topock Marsh Pumping

FY06 Estimates	FY06 Actual	Cumulative Accomplishment Through FY06	FY07 Approved Estimate	FY08 Proposed Estimate	FY09 Proposed Estimate	FY10 Proposed Estimate
\$70,000	\$1,127	\$1,127	\$70,000	\$5,000	\$70,000	\$70,000

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**Start Date:** FY06

**Expected Duration:** FY55

**Long-term Goal:** Avoid impacts of flow-related covered activities on covered species habitats at Topock Marsh.

**Conservation Measures:** AMM2

**Location:** Reach 3, Havasu NWR, river miles 235-244, AZ

**Purpose:** To avoid flow-related covered impacts on covered species habitats at Topock Marsh. One option identified includes the design, permitting, and construction of a reliable and manageable water delivery system for Topock Marsh.

**Connections with Other Work Tasks (past and future):** None.

**Project Description:** Topock Marsh has been identified as an important area for LCR MSCP covered species such as Yuma clapper rail and the SWFL. At times, flow-related activities could lower river elevations to levels that could disrupt existing gravity diversions of water from the river to the marsh. The option identified in the LCR MSCP HCP assumed two pumps would be purchased and installed at the existing inlet canal for Topock Marsh. The cost of the purchase, installation, and operation of the pumps throughout the life of the 50-year program would be funded by the LCR MSCP. It is anticipated that the gravity diversion of water, along with supplemental pumping to maintain the water surface elevation, would avoid negative effects on the groundwater elevation.

**FY06 Accomplishments:** The specific actions required to satisfy AMM2 have not been determined at this time. Therefore, expenditures were less than anticipated. However, in FY06 the *Draft Havasu National Wildlife Refuge Water Management Plan* was reviewed by Dr. Charles Burt of the California Polytechnic State University and by Reclamation's Denver Technical Service Center. Both reviews were funded outside the LCR MSCP and are focused on addressing any water accounting issues associated with water management of the refuge. The revised draft is scheduled to be submitted by the USFWS to Reclamation in FY07.

**FY07 Activities:** Discussion of the technical reviews, water accounting issues, and feasibility of implementation are scheduled to begin in April of 2007. After a decision is reached, the commitments or obligations of the LCR MSCP will be determined.

**Proposed FY08 Activities:** Funding has been reduced until a strategy for completing AMM2 is finalized.

**Pertinent Reports:** N/A