

Work Task E17: Topock Marsh Pumping

FY05 Estimate	FY05 Actual	Cumulative Accomplishment Through FY05	FY06 Approved Estimate	FY07 Proposed Estimate	FY08 Proposed Estimate	FY09 Proposed Estimate
\$0	\$0	\$0	\$70,000	\$70,000	\$70,000	\$70,000

Contact: Terry Murphy, (702)-293-8140

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, Arizona, Havasu NWR, River Miles 235-244

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 the gravity diversion of water, along with supplemental pumping to maintain the water surface elevation, would avoid negative effects on the groundwater elevation.

FY05 Accomplishments: This is a new start in FY06.

FY06 Activities: The specific actions required to satisfy AMM2 have not been determined at this time. The FWS prepared a water management plan which far exceeds the mitigation described in the LCR MSCP. Reclamation is in the early stages of discussing options for completing conservation measure AMM2 with the FWS. Options identified include, but are not limited to:

1. Installing pumps at the inlet canal and providing for their operation as described in the LCR MSCP HCP.
2. Developing and analyzing an alternative approach acceptable to all parties to maintain marsh levels.

3. Providing funding directly to the FWS equivalent to the amount estimated in the LCR MSCP HCP.

Proposed FY07 Activities: Based on the current level of activity, it is anticipated the funds approved for FY06 will not be expended until FY07.

Pertinent Reports: *Draft Havasu National Wildlife Refuge Water Management Plan* has been prepared by the FWS.