

Work Task E17: Topock Marsh Pumping

FY10 Estimates*	FY10 Actual	Cumulative Accomplishment Through FY10	FY11 Approved Estimate**	FY12 Proposed Estimate	FY13 Proposed Estimate	FY14 Proposed Estimate
\$800,000	\$1,013,487.38	\$1,037,563.98	\$270,000	\$2,550,000	\$0	\$0

*The FY10 approved budget was revised with the concurrence of the Steering Committee in October of 2009.

**\$200,000 of the FY11 budget was redistributed to fund the completion of MSCP's construction commitment under AMM2 in FY10.

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Start Date: FY06

Expected Duration: FY12

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, Arizona.

Purpose: To avoid flow-related impacts of covered actions on covered species habitats at Topock Marsh by constructing a reliable and manageable water control structure that diverts water both gravitationally and through pumping.

Connections with Other Work Tasks (past and future): N/A

Project Description: Topock Marsh has been identified as an important area for LCR MSCP covered species such as Yuma clapper rail and the southwestern willow flycatcher. At times, flow-related activities could lower river elevations to levels that will disrupt existing gravitational diversions of water from the river to the marsh. Construction of a new control structure that diverts water through both gravitational and pumped means ensures the delivery of water to the marsh even when river elevations are low. It is anticipated that the gravitational diversion of river water, paired with supplemental pumping to maintain the water surface elevation of the marsh, would avoid negative effects on the groundwater elevation.

Previous Activities: The *Final Havasu National Wildlife Refuge Water Management Plan* has been drafted by the USFWS and is posted on the LCR MSCP website.

FY10 Activities: In October 2009, the Steering Committee passed Resolution 10-003, which authorized Reclamation to provide funding to the USFWS for the construction of designated portions of a new fire break. Transfer of this funding, which included \$800,000 with the flexibility to use an additional \$200,000 if required, met the LCR

MSCP's construction requirement under AMM2. These funds were joined with USFWS funds to finish the initial phases of the Topock Marsh Water Infrastructure Improvement Project. In return for funding a portion of the canal construction, correspondence was issued to Reclamation by USFWS releasing the LCR MSCP from any further construction obligations under AMM2. In April 2010, the Steering Committee passed Resolution 10-004, which authorized Reclamation to provide an additional \$2.5 million to the USFWS to meet the operation and maintenance requirements under AMM2.

Proposed FY11 Activities: The approved budget has been reduced by \$200,000 as the funds were transferred in FY10. Another Interagency Acquisition will be drafted to transfer a lump sum of \$2.5 million for long-term operation and maintenance costs from LCR MSCP to USFWS in FY12. This transfer will be the final action under the E17 work task, as all LCR MSCP's construction as well as operation and maintenance commits under AMM2 will be complete.

Proposed FY12 Activities: Upon transfer of \$2.5 million the LCR MSCP will have satisfied its long-term operation and maintenance requirements of AMM2 and the work task will be closed. The FY12 budget was revised with the concurrence of the Steering Committee in April of 2010.

Long-term maintenance of the entire water management system will be the responsibility of the USFWS. A memorandum documenting completion of AMM2 will be prepared and transmitted to the USFWS.

Pertinent Reports: N/A