

## Work Task E17: Topock Marsh Pumping

FY12 Estimate	FY12 Actual Obligations	Cumulative Expenditures Through FY12	FY13 Approved Estimate	FY14 Proposed Estimate	FY15 Proposed Estimate	FY16 Proposed Estimate
\$2,550,000	\$2,209,091.02	\$1,101,023.34	\$70,000	\$1,000	\$1,000	\$1,000

**Contact:** Ashlee Rudolph, (702) 293-8178, [arudolph@usbr.gov](mailto:arudolph@usbr.gov)

**Start Date:** FY06

**Expected Duration:** FY25

**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 covered impacts 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):** None

**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.

**Previous Activities:** In early 2010, the LCR MSCP committed \$1 million toward the construction of the Firebreak Canal, which improved the delivery of water to Topock Marsh by greatly reducing transmission losses that occurred when using the old, unlined inlet canal. In return for the LCR MSCP's contribution, the USFWS rendered correspondence stating that the LCR MSCP had met its construction obligations under AMM2.

At the LCR MSCP Steering Committee Meeting on April 28, 2010 the decision was made to provide the USFWS with all the Operation and Maintenance funds, required under the second part of AMM2, in a lump sum of \$2.55 million during Fiscal Year 2012. It was agreed that upon USFWS's receipt of the funds a second letter would be

rendered to the LCR MSCP affirming that all Operation and Maintenance commitments under AMM2 had been fulfilled.

**FY12 Accomplishments:** In January 2012 USFWS rendered a second letter to the LCR MSCP affirming that all commitments under AMM2 would be fulfilled with the commitment of an additional \$2.5 million for Operation and Maintenance. In March 2012 the funds were made available from the LCR MSCP to the USFWS via an Interagency Agreement. The final USFWS service letter, releasing the LCR MSCP from any further commitments under the AMM2 conservation measure, was presented to the Steering Committee during the October 2012 meeting. Since no construction actions have occurred, the current balance available to the USFWS for construction activities and for utility expenses after construction is \$2,550,000. It is anticipated that these funds will be fully expended by FY25.

**FY13 Activities:** Although the Avoidance Measure has been completed, the work task will remain open and be used to track USFWS expenditures until all funds have been expended. Construction on the pump station has not yet begun pending a design review initiated by the USFWS. The design review is anticipated to be complete by January 2013. USFWS is likely to begin construction in fall 2013. No further actions, beyond tracking USFWS expenditures, are required by the LCR MSCP.

**Proposed FY14 Activities:** Tracking the progress and expenditures of the USFWS.

**Pertinent Reports:** N/A