

## Work Task E17: Topock Marsh Pumping

FY13 Estimate	FY13 Actual Obligations	Cumulative Expenditures Through FY13	FY14 Approved Estimate	FY15 Proposed Estimate	FY16 Proposed Estimate	FY17 Proposed Estimate
\$70,000	\$4,150.44	\$1,100,001.26	\$1,000	\$1,000	\$1,000	\$1,000

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**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 ensures water delivery off the main stem of the Colorado River by having the capacity to divert water gravitationally or 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. Avoidance Measure 2 (AMM2) was written to satisfy the LCR MSCP's commit to the protection of Topock Marsh. Construction of a new control structure that diverts water gravitationally or through pumping by the USFWS ensures water will be delivered 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.

The lump sum of operation and maintenance funding under AMM2 was made available from the LCR MSCP to the USFWS via an Interagency Agreement in March 2012. The final USFWS 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.

**FY13 Accomplishments:** The LCR MSCP continued to monitor the Interagency Agreement with the USFWS. Construction of the pump station has not begun. Due to issues with other projects designed by USFWS's contractor, concerns about the current pump station design were raised. USFWS initiated a design review, which was completed in April 2013. Based on the results of the review, in 2014, USFWS will host a Value Study to evaluate several viable design options, and select the approach that best meets the needs of the project.

**Proposed FY14 Activities:** Although AMM2 has been completed, the Work Task remains open until all funds have been expended. Extending the duration of the Interagency Agreement for an additional year is anticipated. No further actions, beyond monitoring the Interagency Agreement with USFWS are required by the LCR MSCP.

**FY15 Activities:** Continue tracking the progress and expenditures of the USFWS through the Interagency Agreement.

**Pertinent Reports:** N/A