

Work Task E17: Topock Marsh Pumping

FY11 Estimate	FY11 Actual Obligations	Cumulative Expenditures Through FY11	FY12 Approved Estimate	FY13 Proposed Estimate	FY14 Proposed Estimate	FY15 Proposed Estimate
\$270,000	\$41,359.94	\$768,490.29	\$2,550,000	\$70,000	\$70,000	\$70,000

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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 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.

FY11 Accomplishments: Upon investigating how the transfer of \$2.55 million would occur, it was found that moving appropriated funds from Reclamation to USFWS for long-term operation and maintenance is not permissible. Therefore, through an interagency agreement, the USFWS will use a portion of the operation and maintenance funds to construct the Topock Marsh Pump Station at the western terminus of the Firebreak Canal.

The funds remaining after construction of the pump station will be transferred over a period of years through utility charges until the original agreement amount of \$2.55 million is reached. It is currently anticipated that these funds will be fully expended by 2025.

FY12 Activities: The interagency agreement for the pump station is finalized and the USFWS has access to the funds. The USFWS will take full responsibility for administering the contract to complete the pump station.

Proposed FY13 Activities: Construction of the pump station by the USFWS is scheduled to begin in the fall of 2012. The only costs associated with this work task after FY12 will be utility charges from the USFWS. The annual charges are estimated; however, when joined with the cost of the pumping station they shall not exceed the amount of \$2.55 million agreed upon in FY12.

Pertinent Reports: N/A