

UPPER MISSISSIPPI RIVER SYSTEM ENVIRONMENTAL MANAGEMENT PROGRAM
FACT SHEETMOLO SLOUGH REHABILITATION
POOL 12, IOWA

LOCATION: Molo Slough is an 100 acre side channel in the Nine Mile Island complex on the Iowa side of the Mississippi River navigation channel. It is located between approximate river miles 574.4 and 571.5 and is about 9 miles south of Dubuque, Iowa.

RESOURCE PROBLEM: Presently, backwater habitats for waterfowl and fish are very limited in both the Nine Mile Island complex and in upper Pool 12. Construction of a closing structure would greatly enhance habitat and its management. The river otter, a threatened species in Iowa, has recently been documented in the Molo Slough area. Continued habitat degradation may cause it to become endangered.

PROPOSED PROJECT: The proposed project involves construction of a complete closing dike with a water control structure across the upper end of Molo Slough.

PROJECT OUTPUTS: Current flows and sediment transport through the slough would be greatly reduced. Habitat diversity, quantity, and quality for fish, wildlife, and furbearers would be increased from currently limited values in upper Pool 12.

FINANCIAL DATA: The general design cost is estimated to be \$100,000 with total construction costs estimated at \$901,000. Because the project would be located on lands of the National Wildlife Refuge System, all implementation costs would be 100 percent Federal.