

UPPER MISSISSIPPI RIVER SYSTEM ENVIRONMENTAL MANAGEMENT PROGRAM
FACT SHEETCAPOLI SLOUGH
POOL 9, UPPER MISSISSIPPI RIVER, WISCONSIN

LOCATION: Capoli Slough is a side channel and island complex located on the Wisconsin side of the Mississippi River navigation channel in pool 9, about 5 miles downstream of Lansing, Iowa. The site lies within the Upper Mississippi River National Wildlife and Fish Refuge.

RESOURCE PROBLEM: Many of the natural islands bordering the navigation channel have eroded and many are disappearing. Main channel flows are beginning to negatively affect the backwater area as barriers are breached and turbid flowing water enters once protected areas. The introduction of turbid flows from the main channel results in the loss of aquatic vegetation and the shallow protected habitats important for the survival of many species of fish and wildlife.

PROPOSED PROJECT: The proposed project would restore and/or stabilize about 5 islands and selectively dredge in the Capoli Slough area. Two breached areas would be fixed, about 5,000 linear feet of islands would be constructed or restored, a partial closing structure at the head of Capoli Slough would be constructed, and about 6,000 linear feet of riprap would be placed at critical erosion points. Material to restore the islands would be dredged from the immediate vicinity if suitable construction material can be found.

PROJECT OUTPUTS: The project would provide both fish and wildlife benefits by creating a "shadow" effect behind and downstream of the islands. About 600 acres of backwater area would be directly impacted by the project. If island fill can be dredged from the backwater area, additional deep water fish habitat benefits would be obtained.

FINANCIAL DATA: The general design phase of the project is estimated to be \$160,000 and construction costs are estimated at \$2,200,000. Annual costs for OM&R are estimated at \$3,500. Because the project would be located on lands of the National Fish and Wildlife Refuge System and "managed as a national wildlife refuge" within the meaning of Section 906(e) of the 1986 Water Resources Development Act (WRDA), general design and construction costs would be 100-percent Federal. The project lands are managed by the U.S. Fish and Wildlife Service (USFWS). Therefore, in accordance with Section 107(b) of the WRDA 1992, all costs for OM&R would be the responsibility of the USFWS.