

Project Factsheet for: Huron Island Complex Habitat Rehabilitation & Enhancement Project , Pool 18, UMRS-EMP

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Project Location Information

Location: Pool 18, Upper Mississippi River Miles 425.4 - 421.2, Des Moines County, Iowa
River Basin(s): Mississippi
State(s): IA
Congressional District(s): IA-2

Status

General design of the project has been initiated. The project is in the early stages of developing the Definite Project Report (DPR), which is expected to be complete by 2010.

Description

The Huron Island Complex is a 2,000 acre project that includes both Huron Island and Huron Chute located 9 river miles downstream from where the Iowa River enters the Mississippi River. Huron Island is heavily forested and dissected by a series of backwaters, secondary channels, and wetlands. Huron Chute separates Huron Island from the main land. The project includes 164 acres of backwater area, 500 acres of secondary channels, and 1336 acres of bottomland forest.

The bottomland forest are dominated by even aged soft mast tree species of silver maple, ash, and cottonwood. The sloughs and wetlands within Complex have lost much of their fish and wildlife habitat value due to silt deposition. Huron Chute is experiencing bankline sloughing in the upper portion, which has degraded the near-shore habitat.

Lands within the Complex are Federally owned by the Corps of Engineers and are part of the Mark Twain National Wildlife Refuge Complex. The U.S. Fish and Wildlife Service has been granted management responsibility for the Complex through agreement with Corps. The Fish and Wildlife Service has subsequently granted management of the complex to the Iowa Department of Natural Resources through a cooperative agreement.

Project Features:

- * Dredge connecting sloughs using a combination of hydraulic and/or mechanical dredging.
- * Build a sediment deflection embankment on the head end of the island using dredged material from the sloughs.
- * Plant mast-producing bottomland hardwoods on embankments.
- * Construct shallow depression wetlands.
- * Provide bankline protection in Huron Chute.

Project Outputs: Dredging the sloughs would provide critically important off-channel deep water habitat for fish. Shallow depression wetlands would provide feeding areas for resident and migratory waterfowl, shorebirds, and wading birds. The mast tree plantings will increase species diversity and improve the existing timber stand. The project will enhance and maintain the quality and diversity of habitat in a major backwater complex in Pool 18.

Summarized Financial Data

Federal Cost	\$5,600,000
Non-Federal Cost	\$0.00

Total Cost	\$0,000,000
Federal Allocations through FY 2007	\$180,000
Scheduled Federal Allocation for FY 2008	\$
Balance to Complete	\$

Major Work Item (This Fiscal Year)

Continued development of H & H models, evaluation of alternatives, and acquisition of floodplain topography data.

Major Work Item (Next Fiscal Year)

Continued development of H & H models, evaluation of alternatives, and acquisition of floodplain topography data.

Authority

CG - Construction General --

Project Manager Information

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