

Project Factsheet for: Gardner Division Habitat Rehabilitation & Enhancement Project, Pool 21 - UMRS-EMP

Date Last Updated: 02/10/2009 18:15

Project Location Information

Location: Pool 21, Upper Mississippi River Miles 332.5 - 340.2, Adams County, Illinois.
River Basin(s): Mississippi
State(s): IL
Congressional District(s): IL-17

Status

The final Definite Project Report was completed in September 2000. MVD approval was granted in November 2000. The Contract was awarded in March 2001. O'Dell Chute dredging, island protection, and mast tree planting was completed in 2004. The LaGrange Island chevron construction was completed in 2005. An initial performance evaluation report (PER) was distributed in August 2003. The final operation and maintenance manual was distributed in June 2006. Project monitoring and performance evaluation is ongoing.

Description

Gardner Division is subject to yearly Mississippi River floods and was rapidly losing its valuable backwater areas and side chutes to siltation and vegetation encroachment. The 6,300 acre project area includes one of the last high quality stands of bottomland forest in the middle reaches of the Upper Mississippi River.

The mast tree plantings improved the existing timber stand and increased its diversity by including both hard and soft mast tree species in the plantings. Island protection has stabilized island banklines, reduced tree fall from bank erosion, and provided additional aquatic habitat. The closure structure has reduced sedimentation in the side channels and enhanced aquatic habitat. Side channel dredging created deep water aquatic habitat.

PROJECT FEATURES:

- Dredged 5,000 feet of O'Dell Chute and constructed an emergent closure structure at the upstream end of the chute;
- Protected the shoreline and head ends of selected islands;
- Planted 67 acres of mast producing trees on the dredged material placement site on Long Island's eastern agricultural field; and
- Constructed a rock chevron at the head of LaGrange Island using channel maintenance O&M funds.

Summarized Financial Data

Federal Cost (Design)	\$750,442
Federal Cost (Construction)	\$4,065,159
Channel O&M (Chevron)	\$309,555
Total Project Cost	\$5,125,156

Annual costs for operation, maintenance, and repair are estimated at \$5,000 and will be the responsibility of the U.S. Fish and Wildlife Service. The Illinois Department of Natural Resources is the non-Federal project sponsor.

Major Work Item (This Fiscal Year)

Project was completed in February of 2006.

Authority

CG - Construction General --

Project Manager Information

Name: Marvin E. Hubbell

Phone: (309)794-5428

E-mail: Marvin.E.Hubbell@usace.army.mil