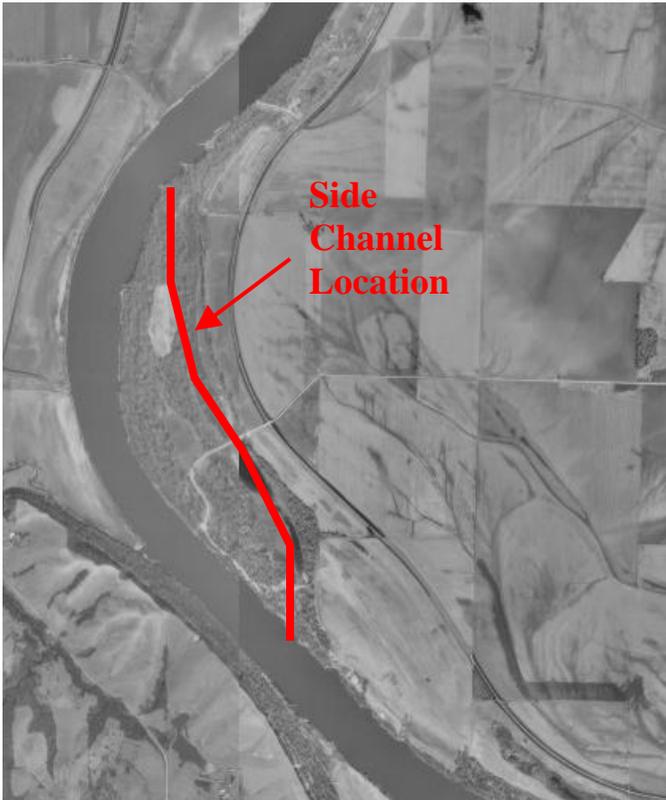




US Army Corps
of Engineers®
Kansas City District

Information Paper

Missouri River Fish and Wildlife Mitigation Project Worthwine Island, MO



Location of proposed side channel at the Worthwine Island mitigation site

Contact

Jake Owen, Site Project Manager
Email: Jacob.w.owen@usace.army.mil
Phone: 816-240-8131

Location

6 miles Northwest of St. Joseph in Andrew County, Missouri, on the left descending bank of the Missouri River, at river miles 460 to 456.

Description

This mitigation site is located at the Worthwine Island Conservation Area (WICA), 585 acres of existing public land owned and operated by the Missouri Department of Conservation (MDC). The area is adjacent to Federal Levee Unit No. L-476.

A side channel at the Worthwine Island site was closed during construction of the Missouri River Bank Stabilization and Navigation Project. During 2005, the Corps of Engineers will be restoring flow through the side channel. The restoration work will include modification of existing river structures, excavation of a pilot channel, and construction of rock control points. The pilot channel will be 75 feet wide. The project is being designed to allow the river to scour out the historic chute to a full 200-foot width over time, creating approximately 45 acres of high quality riverine habitat.

In addition, approximately 500 acres of bottomland riparian habitat will be created by the project. The spoil material excavated from the pilot channel will be used to create a stability berm on the land side of the adjacent Federal levee.

Upon completion of construction, MDC will resume management of the site. The Corps will monitor the side channel to assure adequate flows remain in the main channel of the Missouri River. The WICA is closed to public use during the construction period that is scheduled to end by Fall of 2005.



Debris located at the proposed inlet to the restored side channel, August 2004