

Project Factsheet for: Big Creek Spillway

Date Last Updated: 02/17/2009 08:09

Project Location Information

Location: Polk County, Iowa
River Basin(s): Des Moines
State(s): IA
Congressional District(s): IA-3

Status

Approved and funded for Feasibility Study. Project is on hold pending Federal Interest determination.

Description

Gizzard shad is an undesirable fish species in small lakes according to the Iowa Department of Natural Resources personnel. This fish species lives in the Des Moines River, moves through Saylorville Lake, and up the spillway into Big Creek Lake. Big Creek Lake is a popular fishing lake. Since the introduction of gizzard shad, the sport fishery has declined. Quality fishing experiences have decreased and fewer anglers are coming to Big Creek. It is possible that the movement of gizzard shad from Saylorville Lake to Big Creek Lake could be curtailed through the installation of an electronic barrier or another structural deterrent. Hydraulic modeling done as part of the planning process shows that the velocity of the water on the spillway during the critical shad movement periods is too fast to allow fish to utilize the spillway. Additional fisheries data is needed in order to proceed.

Summarized Financial Data

Estimated Federal Cost	\$475,000
Estimated Non-Federal Cost	\$155,000
Total Estimated Cost	\$630,000
Allocations through FY 2008	\$112,000
Allocations for FY 2009	\$0
Budget Request for FY 2010	TBD
Balance to Complete after FY 2010	\$363,000

Major Work Item (This Fiscal Year)

FY 2009: Feasibility study is on hold pending identification of additional fisheries research data .

Major Work Item (Next Fiscal Year)

FY 2010: To be determined.

Authority

CA - Continuing Authorities - Section 1135 -- Section 1135 of the Water Resources Development Act, as amended (Modifications for Improvement of the Environment)

Additional Information

Big Creek Lake is a sub-impoundment to the Saylorville Lake Flood Control reservoir in Polk County, Iowa. The spillway is in the eastern side of the lake approximately 2 miles north of the Mile Long Bridge. Polk City, Iowa is located 2 miles southeast of the spillway.

Project Manager Information

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