



Big Creek Spillway

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG®

Location

Polk County, Iowa

State(s)

IA

Congressional District(s)

IA-3

Status

During feasibility it was discovered that implementation costs would be greater than planning costs and as a result the feasibility study was ended. Project has been closed out.

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.

Summarized Project Costs

Estimated Federal Cost	\$106,100
Estimated Non-Federal Cost	\$0
Total Estimated Cost	\$106,100
Allocations through FY 2011	\$106,100
Allocations for FY 2012	\$0
FY 2013 Budget	\$0
Balance to Complete after FY 2013	\$0

Additional Project 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.

Major Work Item (This Fiscal Year)

FY 2014: None



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Major Work Item (Next Fiscal Year)

FY 2015: None

Authority Details

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

Point of Contact: Section 1135 Program Manager, Project Management Branch

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