

Project Factsheet for: Des Moines Water Works Low Head Dam, Section 22

Date Last Updated: 02/18/2009 13:09

Project Location Information

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

Status

Study was completed in February 2003. The study is physically and financially closed out.

Description

The Des Moines Water Works is developing plans for a new low head dam on the Raccoon River near its new water treatment plant at Maffitt Reservoir. The purpose of the low-head dam would be to increase the river pool level during periods of low flow, thereby raising the water table and improving the yield of the raw water well system serving the new treatment plant. The Des Moines Water Works' plan to build a low head dam required analysis of potential floodplain effects and floodplain management issues.

Hydrologic and hydraulic analysis were conducted to determine the effects of building a new low-head dam on the Raccoon River. A written report describing analysis methodology, findings, and profiles/elevations for the 500-year, 100-year, 50-year, and 7-day 10-year low flow.

The Des Moines Water Works was the non-Federal cost-sharing partner.

Summarized Financial Data

Federal Cost	\$22,532
Non-Federal Cost	\$22,532
Total Cost	\$45,064

Major Work Item (This Fiscal Year)

None

Major Work Item (Next Fiscal Year)

None

Authority

CA - Continuing Authorities - Section 22 --

Additional Information

The Section 22 program effectively allows non-Federal interests to leverage their resources and efficiently engage Corps expertise in meeting their water resources planning needs.

Project Manager Information

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