

Project Factsheet for: Calumet-Sag Dredged Material Mangement Plan (DMMP) and Lucas-Berg Confined Disposal Facility (CDF)

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Project Location Information

Location: Calumet-Sag Channel, Cook County, IL
River Basin(s): Illinois
State(s): IL
Congressional District(s): IL-3

Status

Lucas-Berg CDF is a confined dredged material disposal facility designed in the late 1970's within the Village of Worth, Illinois. The Village of Worth has requested that the Corps reevaluate its requirements for the property. Due to the limited potential for accessible dredged material placement sites in this reach of the Illinois Waterway, the identification and evaluation of alternative sites will be costly and complex.

The Corps has begun work on a Calumet-Sag Channel Dredged Material Management Plan (DMMP). The Lucas-Berg CDF will be one of several alternative sites evaluated as part of that planning process.

The Corps is providing general maintenance of the Lucas-Berg CDF.

Significant local and Congressional interest has been and is expected to continue to be expressed regarding the potential future use of the Lucas-Berg CDF site for dredged material placement.

Description

The site is bordered by Southwest Highway (to the West), 111th Street (to the North), the Illinois Waterway (to the South), and the Burlington-Northern Commuter Railway (to the East and Southeast) within Worth, Illinois. The River and Harbor Acts of March 1945, July 1946, and July 1958 authorized the construction of the Cal-Sag Channel. As part of these authorizations, the local sponsor, Metropolitan Water Reclamation District of Greater Chicago (MWRD), was to provide the necessary disposal areas required for the maintenance of the project. MWRD made a former quarry, known as Lucas-Berg Pit, available to the Government for the disposal of the maintenance dredging material from the Cal-Sag channel. The Lucas-Berg CDF includes a placement site, three filter cells, water control structure and ground water monitoring wells around the placement site. The placement site is divided into two cells. The northern cell is undeveloped while the southern cell has a constructed clay liner. To date there has been no dredged material placed within the site. Pumps from the water control structure are in storage at the Starved Rock Lock and Dam facility. There are six parcels of land involved with this project in various stages of ownership. Parcels 1 & 2 (where the placement site is located) are owned in fee-title with a clause that reverts ownership to MWRD once the site is full. The Burlington-Northern Railroad owns parcel 3. The Corps had a 20-year lease on parcel 3, which expired in 1999. Piping from the placement site to the filter cells runs through parcel 3. Parcels 4, 5, and 6 are owned by MWRD with right-of-entry granted to the Corps.

Summarized Financial Data

In FY08, \$98,000 was appropriated for a GI study specifically intended to identify and initiate evaluation of alternative placement sites. Approximately 69,000 was carried over into FY09 to continue the planning process.

FY2009 allocation: \$400,000 O&M funding is currently being budgeted from the District's FY09 ILWW DMMP to evaluate the dredge material and determine the confinement requirements.

Major Work Item (This Fiscal Year)

FY2009: Continue preparation of the Calumet-Sag Dredged Material Management Plan using the 21 sites identified in the letter report completed in Jan 2009. Initiate and advance the evaluation of the 21 alternative sites, including the Lucas-Berg CDF.

Major Work Item (Next Fiscal Year)

FY 2010: Hold initial public meetings. Continue preparation of Calumet-Sag Channel Dredged Material Mangement Plan to include selecting the preferred alternative. If necessary, complete additional sediment testing.

Authority

OM - Operations and Maintenance -- GI - General Investigations

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