



Dredged Material Management Program (DMMP) - Overview

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG ®

Location

Rock Island District Illinois Waterway and Upper Mississippi Reaches

State(s)

IA,IL,MO,WI

Congressional District(s)

IA-4, IL-1, IL-11, IL-16, IL-17, IL-18, IL-2, IL-3, IL-4, MO-6, WI-3

Status

The Rock Island District is preparing long-term (20-40 year capacity) Dredged Material Management Plans (DMMP) and acquiring and implementing sites for the placement of channel maintenance dredged material in support of the operation and maintenance of the Upper Mississippi and Illinois Waterway nine-foot navigation channels. The program ensures that all practicable and reasonable alternatives for the placement of dredged material are fully considered on an equal basis. This includes the placement of dredged material in the least costly manner, at the most practicable location, and consistent with engineering and environmental requirements. Within the Rock Island District plans are being developed for thirty-eight recurrent dredge cuts on the Illinois Waterway and forty-four recurrent dredge cuts on the Upper Mississippi River.

Description

The Rock Island District has been developing plans and acquiring and implementing sites for the long term placement of channel maintenance dredged material since the completion of GREAT II (Great River Environmental Action Team) studies in the early 1980s. The Dredged Material Management Program (DMMP) evaluates and identifies preferred alternative dredged material placement site(s) using a six-step planning process and, where applicable, a matrix with six evaluation criteria: dredging cost; natural resources; beneficial use of dredged material; recreational resources; cultural resources; and social impacts.

Summarized Project Costs

The DMMP is funded out of the District's O&M budget. Estimated FY16 work allowances:

- Upper Mississippi River: \$250,000
- Illinois Waterway: \$190,000

Additional Project Information

ILLINOIS WATERWAY

Dredged Material Management Plans completed thru FY16

- Treats Island, Dresden Island Pool
- Dresden Lower, Marseilles Pool
- Marseilles Canal, Marseilles Pool



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- Milliken Creek, Starved Rock Pool
- Bulls Island, Starved Rock Pool
- Lick Creek and Peoria Lower, La Grange Pool
- Mackinaw River/Kingston Mines, La Grange Pool
- Copperas Creek, La Grange Pool
- Senate/Duck Island, La Grange Pool
- Beardstown, La Grange Pool
- Pekin/LaMarsh, LaGrange Pool
- Grand Island Reach, LaGrange Pool
- LaSalle Reach, Peoria Pool
- Spring Valley Reach, Peoria Pool
- Mackinaw River, LaGrange Pool

ILWW Plans remaining to be completed

- Grist Island, Marseilles Pool
- Kickapoo Creek, Peoria Pool
- Lancaster, LaGrange Pool
- Brigg's Landing, LaGrange Pool
- Beardstown (new/additional site[s]), LaGrange Pool
- Bull's Island (new/additional site[s]), Starved Rock Pool
- Blue Creek/Wesley Bend, Peoria Pool
- Senachwine, Peoria Pool
- Cal-Sag Channel
- Quiver Island, LaGrange Pool

MISSISSIPPI RIVER

Dredged Material Management Plans completed thru FY16

- Pool 11 Plans
- St. Louis Woodyard, Turkey River, Turkey River Lower, Pool 11
- Finley's Landing, Pool 11
- Island 241, Pool 12
- Maquoketa River, Pool 13
- Savanna Bay, Pool 13
- Steamboat Slough, Pool 14
- Lock 15 Lower/Centennial Bridge, Pool 16
- Buffalo, Pool 16
- Hershey Chute, Pool 16
- Bass Island, Pool 17
- Keithsburg Reach, Pool 18
- Keithsburg Lower/ Huron Island, Pool 18
- Benton Island, Pool 18
- Craigel Island/Kemps Landing & Kemps Landing Lower, Pool 19
- Buzzard Island, Pool 20
- Hogback/Willow Islands and Lonetree Light, Pool 21
- Howard's/Howard's Crossing/LaGrange, Pool 21
- Northeast Missouri Power/Beebe Island, Pool 22
- Whitney Light, Pool 22
- Lock 22 Upper & Lower, Pools 22 & 24

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- Sabula Reach, Pool 13
- L&D 21 Lower, Pool 21
- Oquawka, Pool 18
- Beaver Island
- Cave Hollow, Pool 22
- Lock 20

UMR Plans remaining to be completed:

- Benton Island, Pool 18
- Hurricane Island/Finley's Landing, Pool 11

Major Work Item (This Fiscal Year)

FY17 Illinois Waterway program

- Complete Cal Sag regional site implementation support
- Acquire additional Mackinaw Island site and complete post-acquisition requirements and plans and specifications
- Initiate Beardstown additional site(s) plan formulation
- Complete pre-acquisition requirements for Spring Valley site 4
- Complete Bulls Island Plan Formulation

Upper Mississippi River program

- Complete Hurricane Island/Finley's landing real estate design memorandum and pre-acquisition requirements
- Complete Lock 20 pre-acquisition requirements and acquire site
- Complete Cave Hollow Plan Formulation

Major Work Item (Next Fiscal Year)

FY18 Illinois Waterway program

- Beardstown plan formulation
- Blue Creek Wesley Bend plan formulation

Upper Mississippi River program

- Burlington Bluff plan formulation

Authority Details

Rivers and Harbors Acts of 1927, 1930, and 1935 in accordance with the SECTION 404 CWA & 33CFR, Parts 335-338

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