

DN 24-02

DREDGING NOTICE
U.S. ARMY CORPS OF ENGINEERS
ST. PAUL DISTRICT

NOTICE DATE: April 23rd, 2024

DREDGING CATEGORY: Routine

MEETING DATE: If requested

MEETING TIME:

BOAT REQUIREMENT:

MEETING LOCATION:

DREDGE CUT NAME: Lock and Dam 7 Lock Chamber RIVER MILE: 702.5

HISTORIC DATA

Frequency: 4%

Avg. Quantity/Job: 535 yd³

Last Date Dredged: August 11th, 2008

Avg. Quantity/Year: 20 yd³

SURVEY DATA

Date Surveyed: April 2nd, 2024

Water Surface Elevation: 638.5

Low Control Pool Elevation: 638.5

Net Difference: +0.0

5 Day River Forecast: Slight Decline

DREDGING DATA

Recommended Channel Width: 110 chamber width

Recommended Dredging Depth: various 17.0 feet – 22.0 feet below LCP

Estimated Quantity: 688 yd³

Type of Dredge: Government Mechanical

Proposed Dredging Date: April 24th, 2024

Estimated Duration: 2 Dredging Days

Justification for Dredging: The small amount of sediment that has collected upstream of the miter gates in a few areas is affecting the safe operation of the lock chamber miter gates. The sediment in the chamber will also be cleaned up at the same time.

MATERIAL PLACEMENT DATA

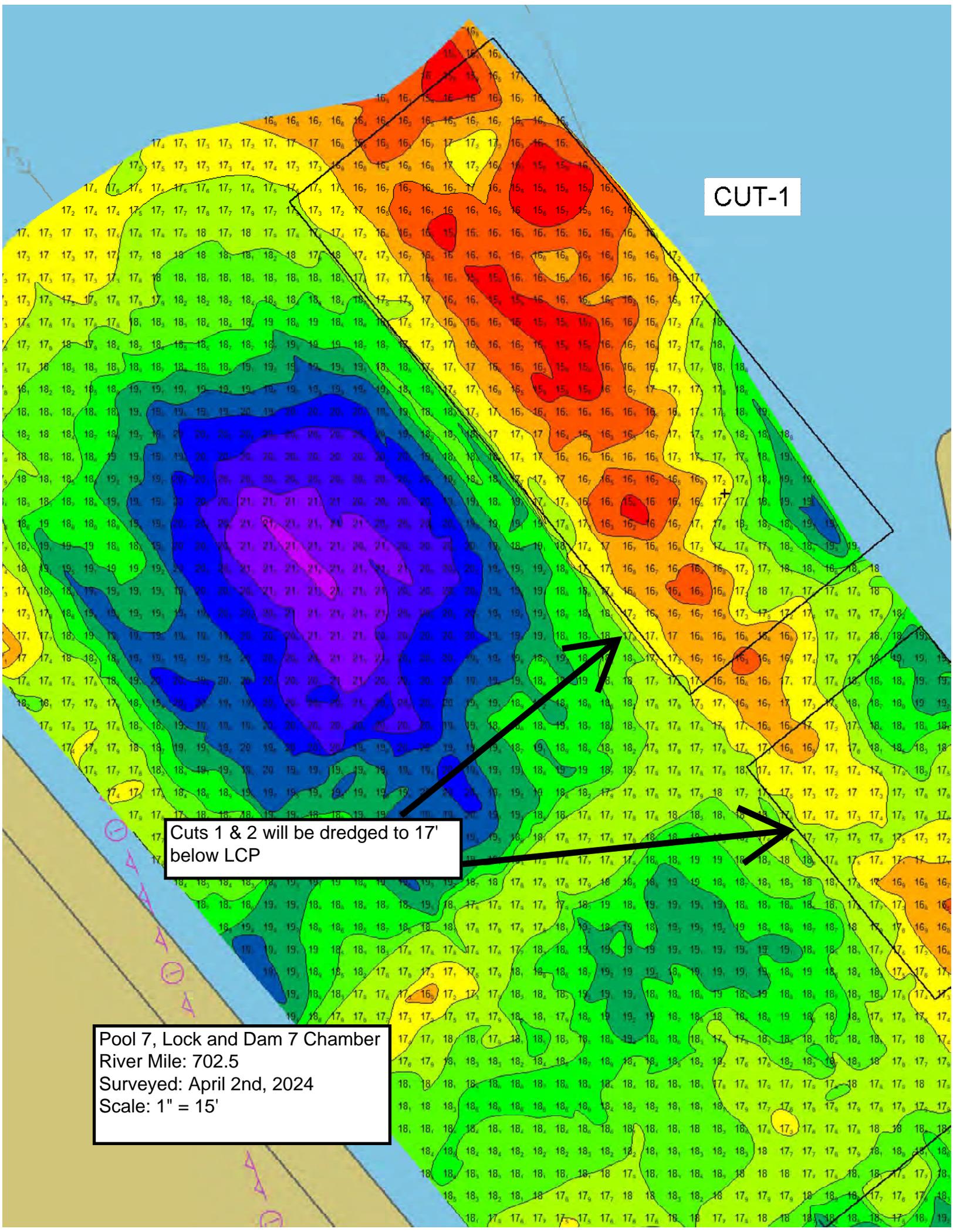
Proposed Placement Site: Dakota Island

Location: 7-706.5-RMT

Site Characteristics: This is a historically used temporary island site.

If you have any questions concerning this project or request an onsite meeting, please call me at (651) 290-5155.

Dan Cottrell
Dredging Manager

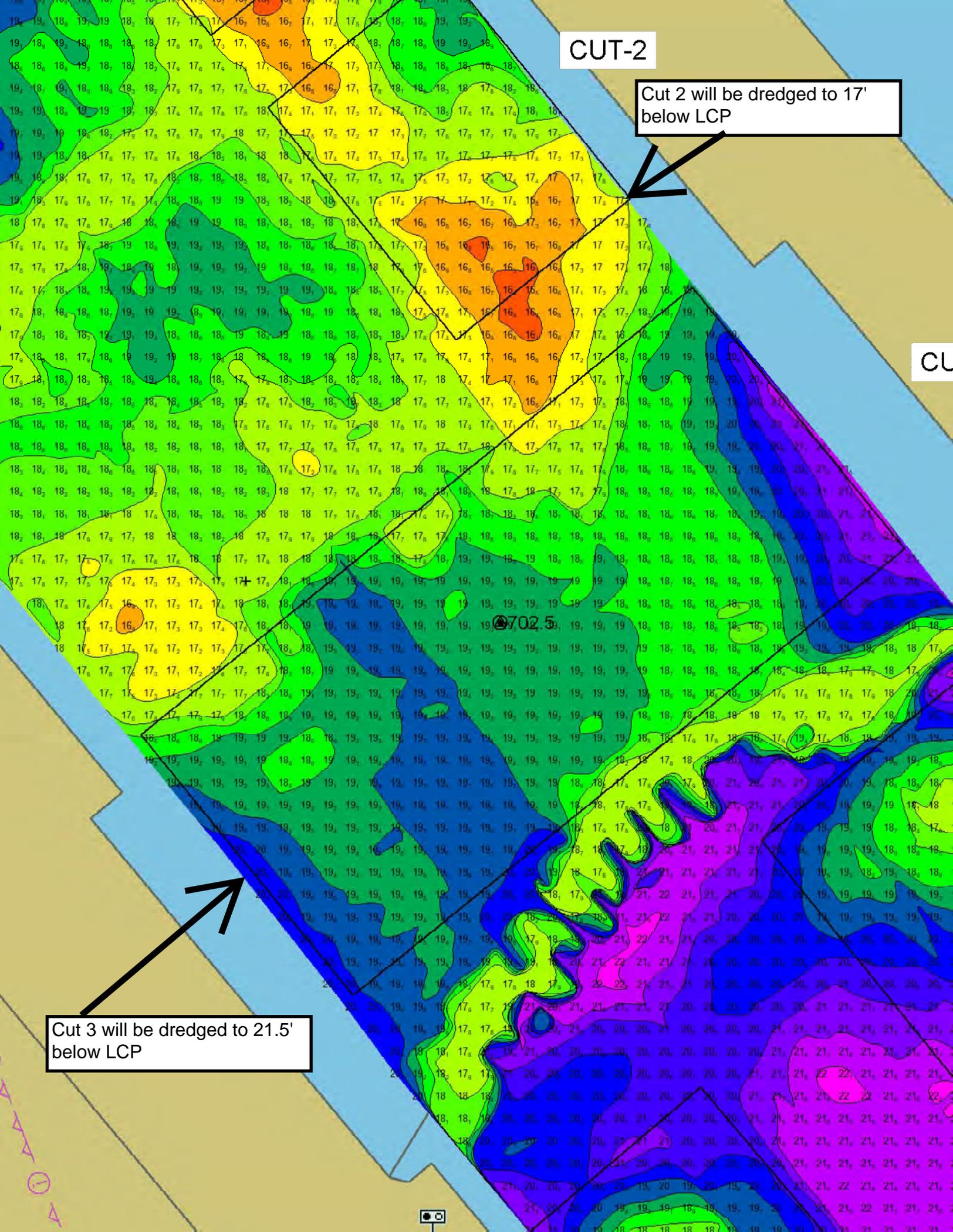


CUT-2

Cut 2 will be dredged to 17' below LCP

CUT-3

Cut 3 will be dredged to 21.5' below LCP



CUT-3

CUT-4

CUT-5

702.5

Cuts 4 and 5 will be dredged to 22' below LCP

