

DN 23-01

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

NOTICE DATE: May 12th, 2023

MEETING DATE: If requested

BOAT REQUIREMENT:

DREDGE CUT NAME: Freeborn Light

DREDGING CATEGORY: Imminent

MEETING TIME:

MEETING LOCATION:

RIVER MILE: 818.5 – 819.0

HISTORIC DATA

Frequency: 34%

Date Last Dredged: Nov 4th, 2020

Avg. Quantity/Job: 36,408 yd³

Avg. Quantity/Year: 12,365 yd³

SURVEY DATA

Date Surveyed: May 9th, 2023

Water Surface Elevation: 686.9

Low Control Pool Elevation: 686.2

Net Difference: +0.7'

5-Day River Forecast: Increasing steady

DREDGING DATA

Recommended Channel Width: 400 feet

Recommended Dredging Depth: 12 feet

Estimated Quantity: 33,933 yd³ plus 330 yd³ for access

Type of Dredge: Contract Mechanical Plant 2

Proposed Dredging Date: May 15th, 2023

Estimated Duration: 17 dredging days

Justification for Dredging: The navigation channel is reduced to 165' between the 9.0' contours and 100' between 10.5'. On a recommended bend width of 400'.

MATERIAL PLACEMENT DATA

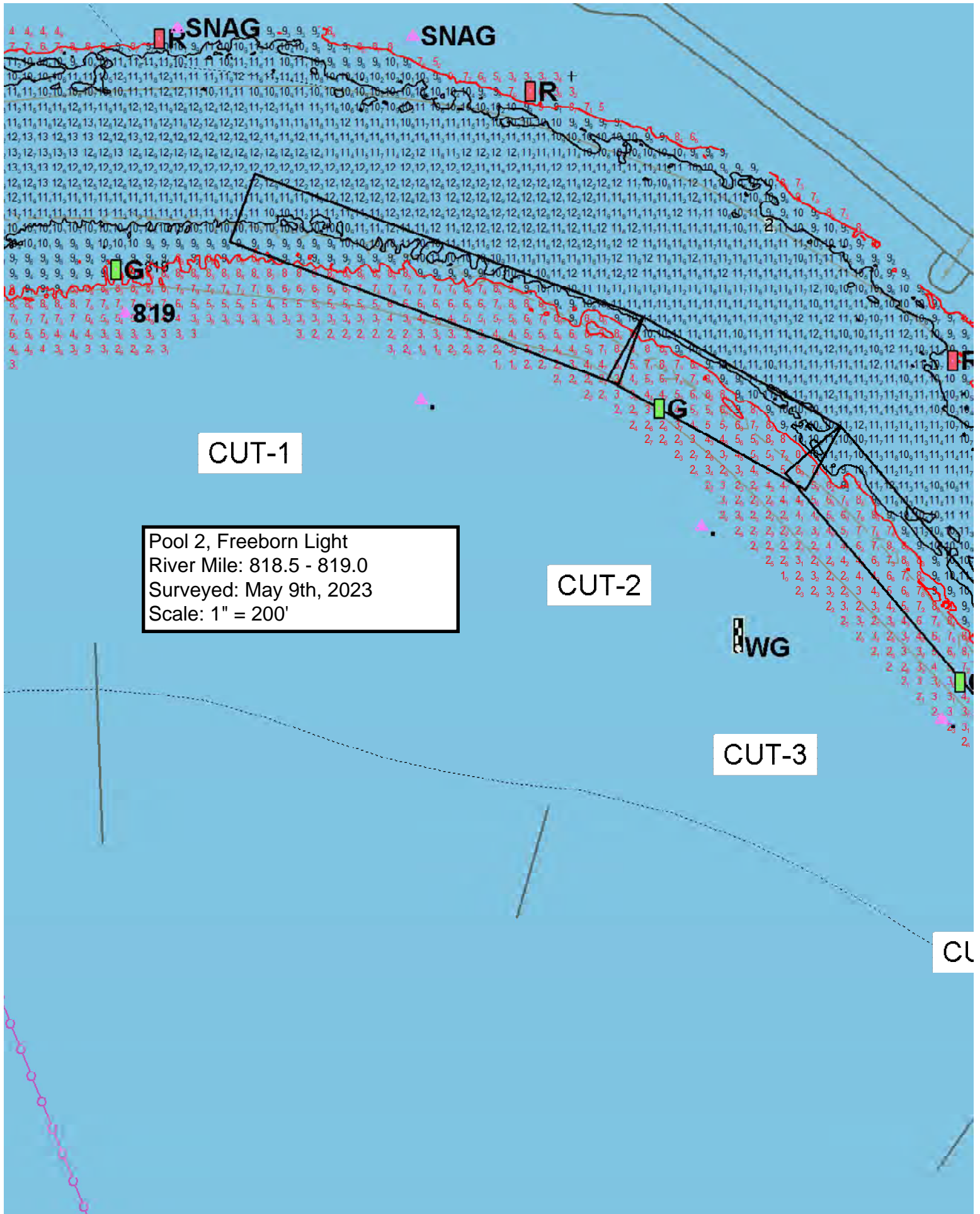
Proposed Placement Site: Pine Bend Placement Site

Location: 2-823.8-LMT

Site Characteristics: It is a historically used temporary placement site.

If you have any questions concerning this project, or if you would like to request an on-site meeting, please call me at (651) 290-5155

Dan Cottrell
Dredging Manager



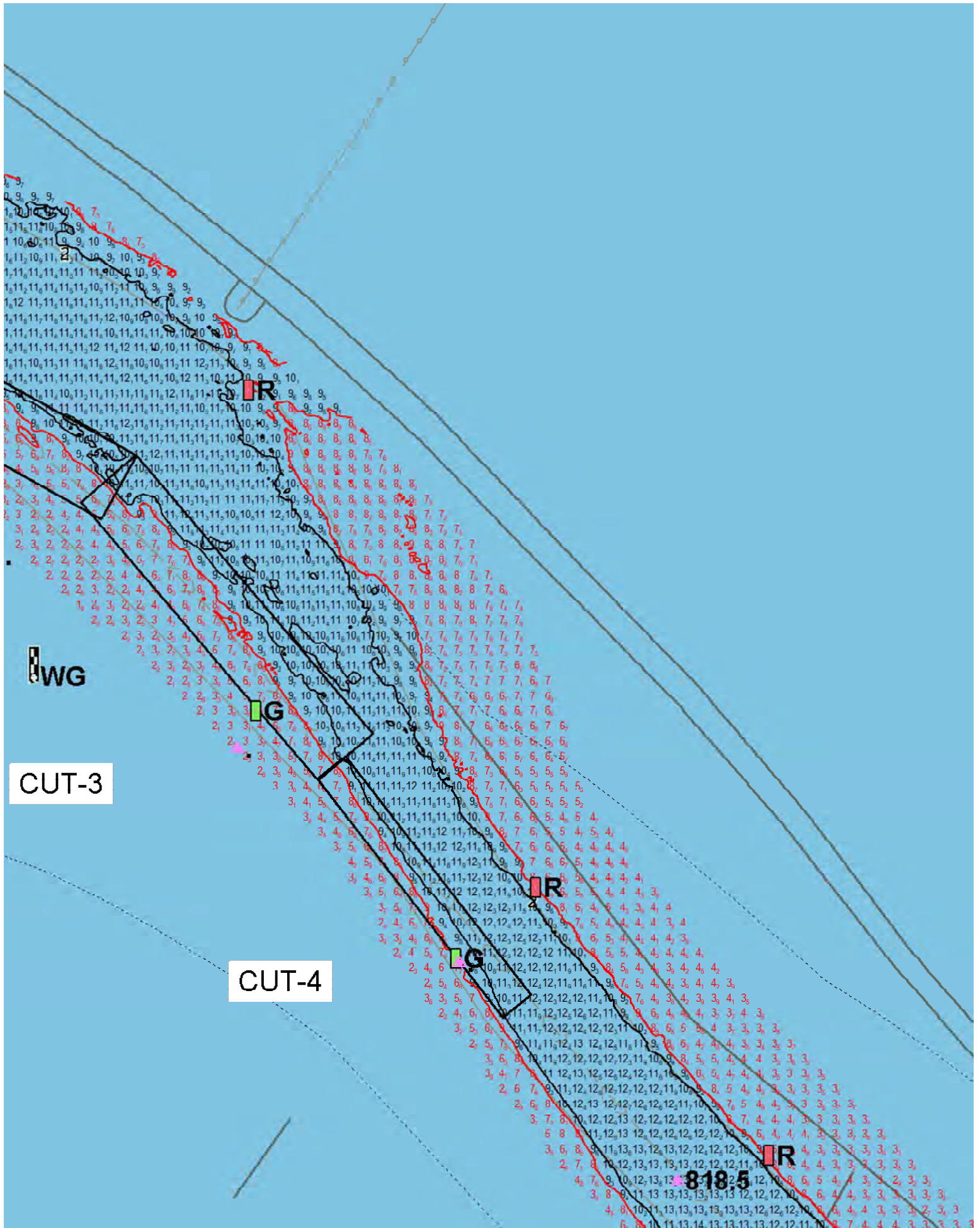
CUT-1

Pool 2, Freeborn Light
River Mile: 818.5 - 819.0
Surveyed: May 9th, 2023
Scale: 1" = 200'

CUT-2

CUT-3

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CUT-3

CUT-4

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