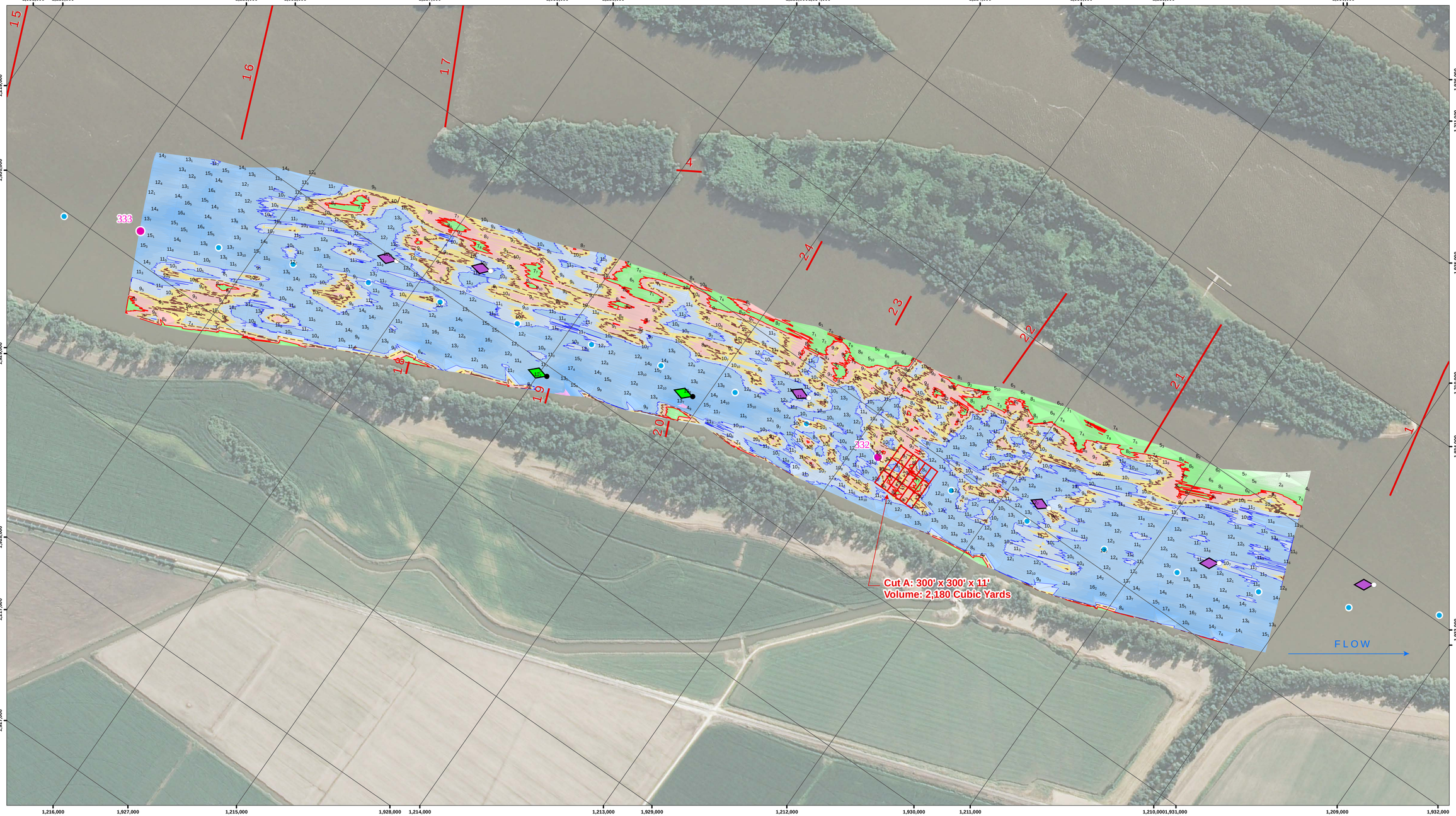
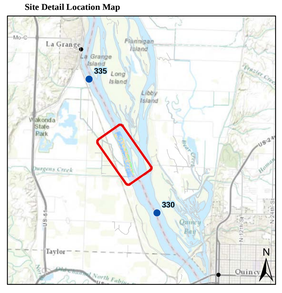


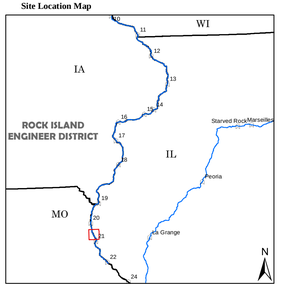
Hydrographic Survey of the **Mississippi River - Pool 21**
Orthophotography flown 2012 - USDA NAIP Imagery
Horizontal Projection: State Plane, NAD 1983,
Illinois West - 1202, U.S. Survey Feet
Vertical Datum: MSL 1912 U.S. Survey Feet.
All soundings adjusted to Flat Pool: 470.0
Water Surface at time of survey: Up: 473.3 Low: 474.1
Water Stage: Up: +3.3 Low: +4.1

Gages Used:
Up: LaGrange / RM 330.0
Low: Quincy / RM 331.5

Site Detail Location Map



Site Location Map



Depth (Ft)

-10'
0'
9'
10'
11'
12'
20'
30'
50'

River Mile
- Mile
- Tenth

River Features
- Wing Dam Location

Lights
- Green
- Red
- White
- Yellow

Daybeacon
- NR: Rhombus, Red and White
- NG: Rhombus, Green and White
- SG: Square, Green
- TR: Triangle, Red

Lateral Buoys
- Green
- Red

NOTES:

Survey Date: 06/18/2014

Survey Vessel: MV Hinds

Conducted by: Matt Martin

Processed in ArcGIS by: John Hayes 6/27/2014

File Name: MVRUM21_33153330_14A_DRG

1 " = 300 '

0 150 300 600 Feet

DISCLAIMER

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US Army Corps of Engineers
District: CEMVR

Symbol	Description	Date	Approved
	Points represent shallowest depth value derived from 80 foot grid cells. Map Document Grid is 1000' x 1000'		

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

Designed By:
Drawn By:
Checked By:
Reviewed By:
Date: 6/27/2014
File No.
LS.O. Sheet File Name:
Solicitation Number:

Sheet Reference Number 1 of 1

Upper Mississippi River Reach:
Hogback

River Miles:
331.5-333.0

Survey Type:
Reconnaissance Condition

Hogback to Willow Island
UMR Pool 21 River Reach Miles 331.5-333.0