DOWNSTREAM

UPSTREAM

Total Volume: 16,585 Cubic Yards

Cut A: 450' x 50' x -11'
Volume: 1,265 Cubic Yards

Cut B: 750' x 50' x -11'
Volume: 4,850 Cubic Yards

Cut C: 800' x 50' x -11'
Volume: 2,720 Cubic Yards

Cut D: 250' x 100' x -11'
Volume: 1,315 Cubic Yards

Cut E: 1,000' x 100' x -11'
Volume: 6,435 Cubic Yards

OTTAWA UPPER LT. (240.0)

BULLS ISLAND FERRY LT. (240.6)

Scherer Island

Bulls Island

240

241

245

235

Flow

1,705,000 847,000 848,000 849,000 850,000 851,000 852,000

1,704,000 1,703,000 1,702,000 1,701,000 846,000

NOTES:

Survey Date: April 15, 2015
Conducted by: Sam H, Cory B

Survey Vessel: Launch Coot
Flat Pool: 458.5'
Water Surface: 459.2
Stage: +0.7
Downstream Gage: Ottawa RM 239.8
Upstream Gage: Marseilles Lower RM 244.4

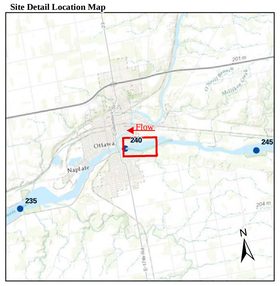
Processed in ArcGIS by: John Hayes 5/26/2015
Document Name: MVRIWMA_24032412_15A_DRG

Horizontal Projection: State Plane, NAD 1983 Illinois East - 1202, U.S. Survey Feet
Vertical Datum: NGVD 1929 U.S. Survey Feet.

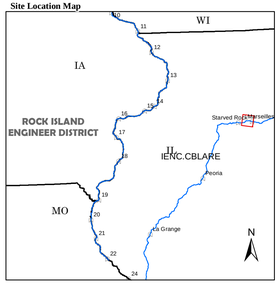
Imagery: 2014 USDA NAIP

The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered to represent the general condition existing at that time.

Site Detail Location Map



Site Location Map



Depth (Ft)

-10' 0' 9' 10' 11' 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

Caution Areas
- Submerged Pipeline
- Submerged Pipe Area
- Submerged Cable
- Submerged Cable Area

N W E S

US ARMY CORPS OF ENGINEERS
ROCK ISLAND DISTRICT
CEMVR - OD-T
WATERWAY: Illinois Waterway
POOL: Starved Rock
REACH: Bull's Island
REACH MILES: 240 to 241.1
SURVEY TYPE: CONDITION

1 " = 200 '

0 100 200 400 600 800 1,000 1,200 Feet

SURVEYED RIVER MILES: 240.3-242.0

US Army Corps of Engineers
Rock Island District

Symbol	Description	Date	Approved
	Points represent shallowest depth value derived from 50foot grid. Map Document Grid is 1000' x 1000'		

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

Designed By:
Drawn By:
Checked By:
Reviewed By:

Date: 5/26/2015
File No.
LS.O. Sheet File Name:
Solicitation Number:

Sheet Reference Number 1 of 1