UPSTREAM

DOWNSTREAM

Total Volume: 13,065 Cubic Yards

Cut A: 400' x 250' x -11'
Volume: 4,460 Cubic Yards

Cut B: 200' x 150' x -11'
Volume: 1,480 Cubic Yards

Cut C: 300' x 200' x -11'
Volume: 3,815 Cubic Yards

Cut D: 300' x 200' x -11'
Volume: 3,310 Cubic Yards

LONE TREE LT (331.5)

NOTES:

Survey Date: September 21, 2015
Conducted by: Lee S, Cory B

Survey Vessel: Launch Coot
Flat Pool: 470
Water Surface: 472.2
Stage: +2.2
Upstream Gage: Lock 20 Tail RM 343.2
Downstream Gage: QUincy RM 327.0

Processed in ArcGIS by: John Hayes 9/23/2015
Document Name: MVRUM21_33123330_15C_DRG

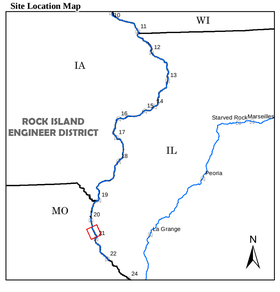
Horizontal Projection: State Plane, NAD 1983 Illinois West - 1202, U.S. Survey Feet
Vertical Datum: MSL 1912 U.S. Survey Feet.

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

US ARMY CORPS OF ENGINEERS
ROCK ISLAND DISTRICT
CEMVR - OD-T

WATERWAY: UPPER MISSISSIPPI RIVER
POOL: 21
REACH: Hogback
REACH MILES: 330.9 to 332
SURVEY TYPE: CONDITION

1 " = 200 '
0 100 200 400 600 800 1,000 1,200 Feet

SURVEYED RIVER MILES: 331.2-332.0

US Army Corps of Engineers
Rock Island District

Points represent shallowest depth value derived from 6ft loc grid.
Map Document Grid is 100' x 100'.

Symbol	Description	Date	Approved

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

Designed By:	Date: 9/23/2015
Drawn By:	File No.
Checked By:	I.S.O. Sheet File Name:
Reviewed By:	Solicitation Number:

Sheet Reference Number 1 of 1