UPSTREAM

DOWNSTREAM

2,061,000 1,732,000 2,060,000 2,059,000 1,731,000 2,058,000 2,057,000 1,730,000 2,056,000

1,734,000 2,061,000 1,735,000 2,060,000

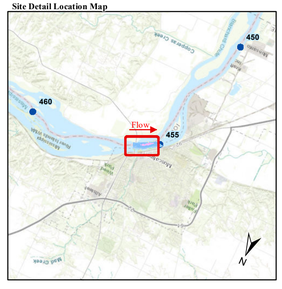
1,730,000 2,055,000 1,731,000 1,732,000

2,059,000 1,735,000 2,058,000 2,057,000 1,734,000 2,056,000 2,055,000 1,733,000

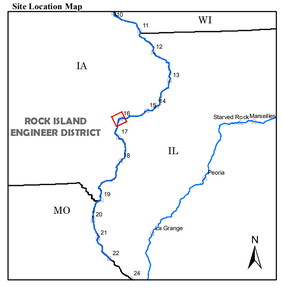
Mad Creek

MUSCATINE, IA

Site Detail Location Map



Site Location Map



NOTES:

Survey Date: June 20, 2021

Conducted by: (SEAS)Walt J, Cody S

Survey Vessel: SEASITALL (James L. Barton)

Flat Pool: 536

Water Surface: RTK Tide

Stage: RTK Tide

Upstream Gage: NA

Downstream Gage: NA

Processed in ArcGIS by: Barrie C 7/20/2021

Document Name: UM_17_MVR_20210620_CS_45504560_21A

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

Imagery: 2015 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.

Depth (Ft)

-10'
0'
5'
10'
15'
20'
30'
60'

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: 17
REACH: Muscatine to Lock and Dam 16 Lower
REACH MILES: 455 to 456.3
SURVEY TYPE: CONDITION
COLLECTION TYPE: Multibeam

1 " = 200 '

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

SURVEYED RIVER MILES: 455.0-456.0

US Army Corps of Engineers
Rock Island District

Symbol	Description	Date	Approved
	Points represent shallowest depth value derived from 40 foot 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: 7/20/2021
File No.
LS O. Sheet File Name:
Solicitation Number:

Sheet Reference Number
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UPSTREAM

DOWNSTREAM

Towhead Island

MUSCATINE, IA

454

455

456

1,730,000 2,056,000 1,729,000 2,055,000 1,728,000 2,054,000 1,727,000 2,053,000

2,054,000 1,732,000 2,053,000 1,731,000 2,052,000 1,730,000 2,051,000 1,729,000

1,731,000 2,056,000 1,732,000 2,055,000 1,726,000 2,051,000 1,727,000 2,051,000 1,728,000

NOTES:

Survey Date: June 20, 2021

Conducted by: (SEAS)Walt J, Cody S

Survey Vessel: SEASITALL (James L. Barton)

Flat Pool: 536

Water Surface: RTK Tide

Stage: RTK Tide

Upstream Gage: NA

Downstream Gage: NA

Processed in ArcGIS by: Barrie C 7/20/2021

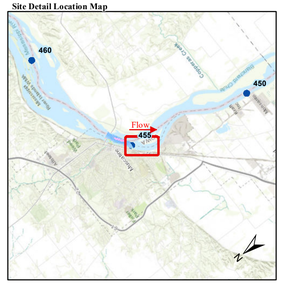
Document Name: UM_17_MVR_20210620_CS_45504560_21A

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

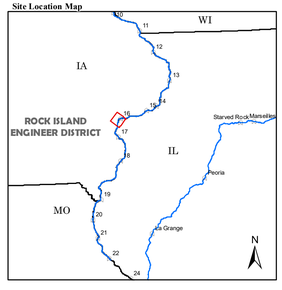
Imagery: 2015 USDA NAIP

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
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Lateral Buoys
- Green
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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: 17
REACH: Muscatine Island to Muscatine
REACH MILES: 453.9 to 455.2
SURVEY TYPE: CONDITION
COLLECTION TYPE: Multibeam

1 " = 200 '

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

SURVEYED RIVER MILES: 455.0-456.0

US Army Corps of Engineers
Rock Island District

Symbol	Description	Date	Approved
	Points represent shallowest depth value derived from 40 foot grid. Map Document Grid is 1000' x 1000'		

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS

Designed By:	Date: 7/20/2021
Drawn By:	File No.
Checked By:	LS O. Sheet File Name:
Reviewed By:	Solicitation Number:

Sheet Reference Number
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