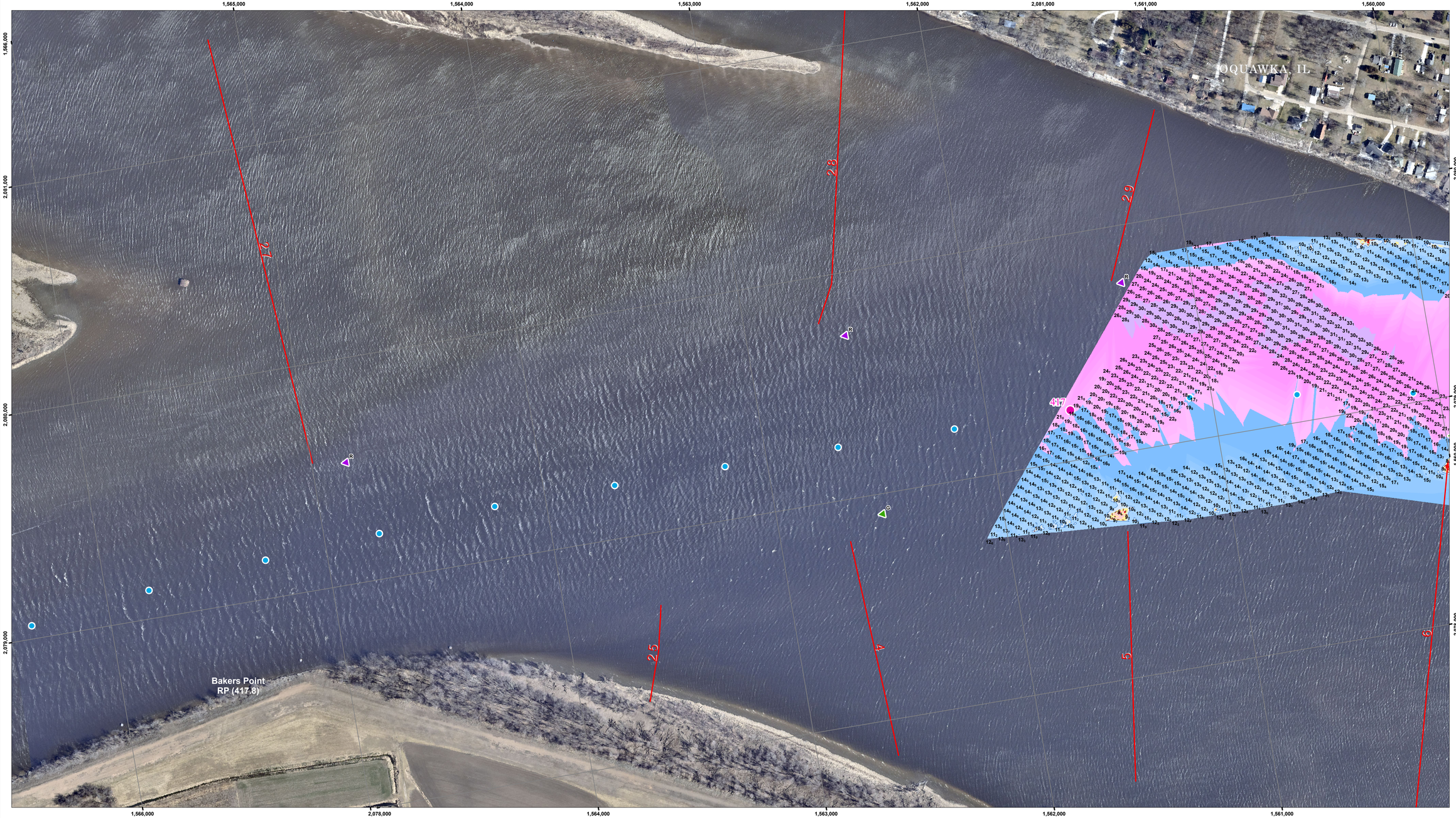
UPSTREAM

DOWNSTREAM



US Army Corps of Engineers
Rock Island District

Symbol	Description	Date	Approved
	Labels 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: 10/15/2026	
	Drawn By:	File No.	
	Checked By:	I.S.O. Sheet File Name:	
	Reviewed By:	Solicitation Number:	

Sheet Reference Number
275 of 435

NOTES:

Survey Date: October 7, 2026
Conducted by: Kyarsgaard, Smith
Survey Vessel: SV Dubuque
Low Operating Level: 528' MSL 1912
Water Surface: 532.39
Stage: +4.38
Water Surface Source: GAGE
Upstream Gage: Lock 17 RM 437.1
Downstream Gage: Lock 18 RM 410.5
RTK to Pool Datum: NA

Processed in ArcGIS by: Cameron S 10/15/2026
Document Name: UM_18_MVR_20261007_CS_41104170_26A

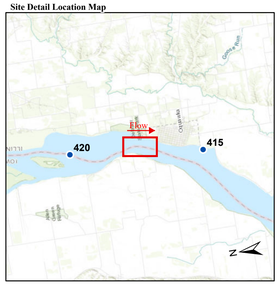
** Depths shown have been adjusted from actual depths at the time of survey to reflect depth from Low Operating Level.*

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

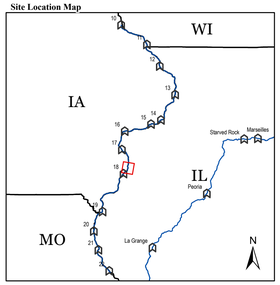
Imagery: USACE 2022 & 2024 UMR Pools

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)*



River Mile
- Mile
- Tenth

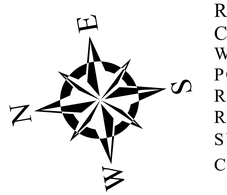
River Features
- Wing Dam Location

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: 18
REACH: Oquawka to Oquawka Upper
REACH MILES: 416.7 to 417.9
SURVEY TYPE: CONDITION
COLLECTION TYPE: Multibeam

0 100 200 400 600 800 1,000 Feet

1 inch = 200 feet
Sheet Size 36" x 24"

SURVEYED RIVER MILES: 411.0-417.0

UPSTREAM

DOWNSTREAM

OQUAWKA, IL

OQUAWKA UPPER LT. (416.4)

Oquawka Dbn. (415.8)

416

415

420

9

3

11

1

2

1,560,000 2,080,000 1,558,000 1,557,000 1,556,000 2,079,000 1,555,000

2,080,000 2,078,000 2,079,000 2,076,000 1,561,000 2,077,000

2,077,000 1,561,000 1,560,000 1,559,000 2,076,000 1,557,000 1,556,000

NOTES:

Survey Date: October 7, 2026
Conducted by: Kyarsgaard, Smith
Survey Vessel: SV Dubuque
Low Operating Level: 528' MSL 1912
Water Surface: 532.39
Stage: +4.38
Water Surface Source: GAGE
Upstream Gage: Lock 17 RM 437.1
Downstream Gage: Lock 18 RM 410.5
RTK to Pool Datum: NA

Processed in ArcGIS by: Cameron S 10/15/2026
Document Name: UM_18_MVR_20261007_CS_41104170_26A

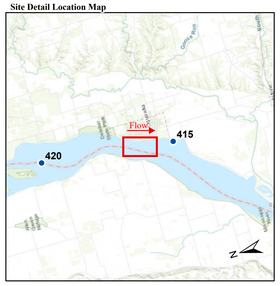
** Depths shown have been adjusted from actual depths at the time of survey to reflect depth from Low Operating Level.*

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

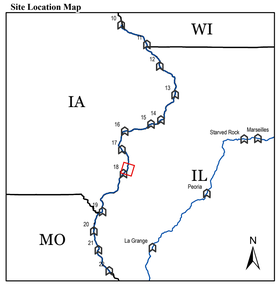
Imagery: USACE 2022 & 2024 UMR Pools

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'
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

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: 18
REACH: Oquawka Bend to Oquawka
REACH MILES: 415.6 to 416.8
SURVEY TYPE: CONDITION
COLLECTION TYPE: Multibeam

0 100 200 400 600 800 1,000 Feet

1 inch = 200 feet
Sheet Size 36" x 24"

SURVEYED RIVER MILES: 411.0-417.0

US Army Corps of Engineers
Rock Island District

Symbol	Description	Date	Approved
	Labels represent shallowest depth value derived from 4 foot grid. Map Document Grid is 1000' x 1000'		

Designed By:		Date: 10/15/2026	
Drawn By:		File No.	
Checked By:		I.S.O. Sheet File Name:	
Reviewed By:		Solicitation Number:	

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

Sheet Reference Number
276 of 435

UPSTREAM

DOWNSTREAM

OQUAWKA, IL

Long Island

415

14

13

12

1,554,000 1,553,000 2,078,000 1,552,000 1,551,000 1,550,000 1,549,000 2,077,000

2,078,000 2,077,000 2,076,000 2,075,000 2,074,000

1,555,000 2,075,000 1,554,000 1,553,000 1,552,000 2,074,000 1,550,000

US Army Corps of Engineers Rock Island District

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

Designed By:	Date: 10/15/2026
Drawn By:	File No.
Checked By:	I.S.O. Sheet File Name:
Reviewed By:	Solicitation Number:

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS

Sheet Reference Number 278 of 435

NOTES:

Survey Date: October 7, 2026
Conducted by: Kyarsgaard, Smith
Survey Vessel: SV Dubuque
Low Operating Level: 528' MSL 1912
Water Surface: 532.39
Stage: +4.38
Water Surface Source: GAGE
Upstream Gage: Lock 17 RM 437.1
Downstream Gage: Lock 18 RM 410.5
RTK to Pool Datum: NA

Processed in ArcGIS by: Cameron S 10/15/2026
Document Name: UM_18_MVR_20261007_CS_41104170_26A

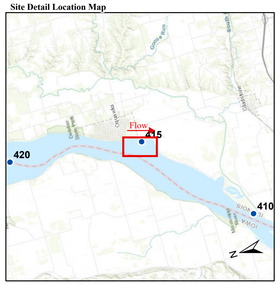
** Depths shown have been adjusted from actual depths at the time of survey to reflect depth from Low Operating Level.*

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

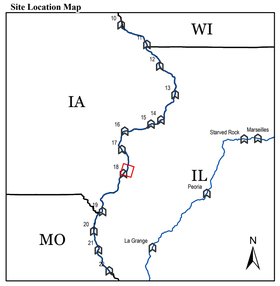
Imagery: USACE 2022 & 2024 UMR Pools

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)*



River Mile
- Mile
- Tenth

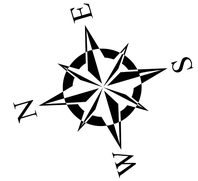
River Features
- Wing Dam Location

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: 18
REACH: Oquawka Bend
REACH MILES: 414.4 to 415.6
SURVEY TYPE: CONDITION
COLLECTION TYPE: Multibeam

0 100 200 400 600 800 1,000 Feet

1 inch = 200 feet
Sheet Size 36" x 24"

SURVEYED RIVER MILES: 411.0-417.0

UPSTREAM

DOWNSTREAM

2,077,000 2,076,000 2,075,000 2,074,000 2,073,000 1,546,000 2,072,000

1,549,000 2,077,000 1,550,000 1,551,000 2,076,000

1,546,000 1,547,000 2,071,000 1,546,000

Long Island

16

15

17

18

414

2,075,000 2,074,000 2,073,000 1,550,000 2,072,000 2,071,000 1,549,000

NOTES:

Survey Date: October 7, 2026
Conducted by: Kyarsgaard, Smith
Survey Vessel: SV Dubuque
Low Operating Level: 528' MSL 1912
Water Surface: 532.39
Stage: +4.38
Water Surface Source: GAGE
Upstream Gage: Lock 17 RM 437.1
Downstream Gage: Lock 18 RM 410.5
RTK to Pool Datum: NA

Processed in ArcGIS by: Cameron S 10/15/2026
Document Name: UM_18_MVR_20261007_CS_41104170_26A

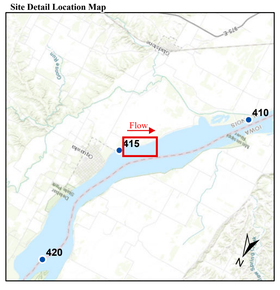
** Depths shown have been adjusted from actual depths at the time of survey to reflect depth from Low Operating Level.*

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

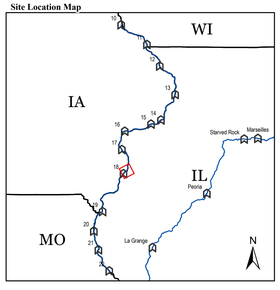
Imagery: USACE 2022 & 2024 UMR Pools

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: 18
REACH: Furnal Island to Oquawka Bend
REACH MILES: 413.7 to 414.9
SURVEY TYPE: CONDITION
COLLECTION TYPE: Multibeam

0 100 200 400 600 800 1,000 Feet

1 inch = 200 feet
Sheet Size 36" x 24"

SURVEYED RIVER MILES: 411.0-417.0

US Army Corps of Engineers
Rock Island District

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

Designed By:	Date: 10/15/2026
Drawn By:	File No.
Checked By:	I.S.O. Sheet File Name:
Reviewed By:	Solicitation Number:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

Sheet Reference Number
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UPSTREAM

DOWNSTREAM

Island 368

FERNAL ISLAND LT. (413.5)

1.5 1.6 2.0 6 7 1.9 8 9 1.8 5

2,073,000 2,072,000 1,546,000 2,071,000 2,070,000 1,545,000 2,069,000 2,068,000

1,547,000 2,073,000 1,545,000 2,067,000 1,546,000 1,549,000 1,547,000 1,550,000

2,072,000 2,071,000 2,070,000 1,549,000 2,069,000 2,068,000 1,548,000 2,067,000

NOTES:

Survey Date: October 7, 2026
Conducted by: Kyarsgaard, Smith
Survey Vessel: SV Dubuque
Low Operating Level: 528' MSL 1912
Water Surface: 532.39
Stage: +4.38
Water Surface Source: GAGE
Upstream Gage: Lock 17 RM 437.1
Downstream Gage: Lock 18 RM 410.5
RTK to Pool Datum: NA

Processed in ArcGIS by: Cameron S 10/15/2026
Document Name: UM_18_MVR_20261007_CS_41104170_26A

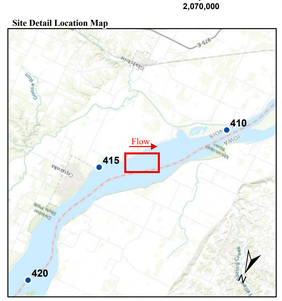
** Depths shown have been adjusted from actual depths at the time of survey to reflect depth from Low Operating Level.*

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

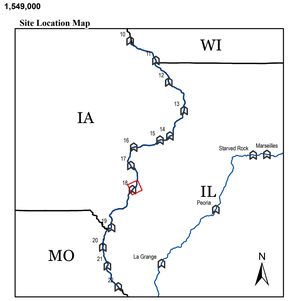
Imagery: USACE 2022 & 2024 UMR Pools

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'
5'
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: 18
REACH: Furnal Island
REACH MILES: 412.8 to 414.1
SURVEY TYPE: CONDITION
COLLECTION TYPE: Multibeam

S E W N

0 100 200 400 600 800 1,000 Feet

1 inch = 200 feet
Sheet Size 36" x 24"

SURVEYED RIVER MILES: 411.0-417.0

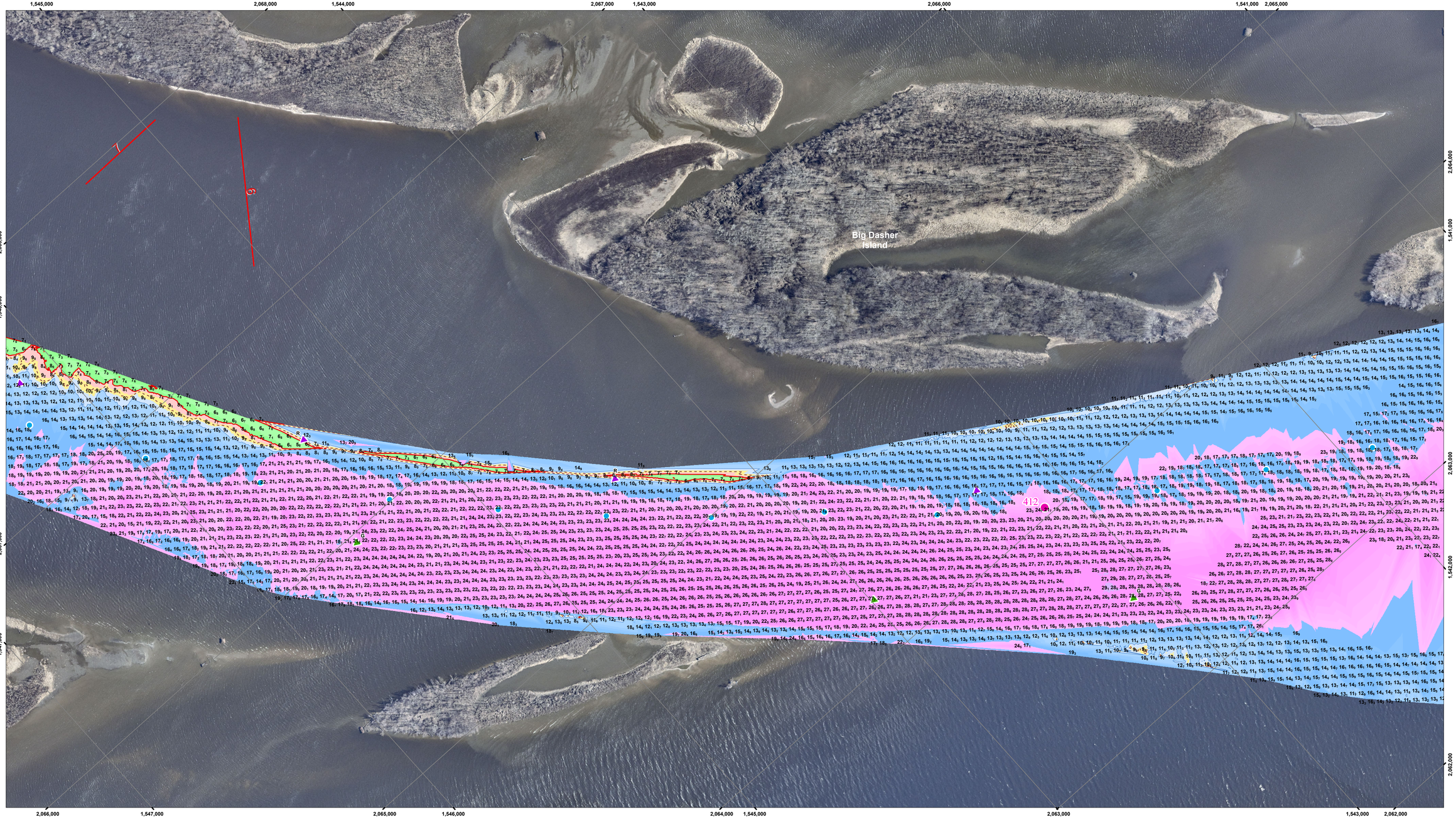
US Army Corps of Engineers
Rock Island District

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

Designed By:		Date: 10/15/2026	
Drawn By:		File No.	
Checked By:		I.S.O. Sheet File Name:	
Reviewed By:		Solicitation Number:	

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

Sheet Reference Number
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UPSTREAM

DOWNSTREAM

NOTES:

Survey Date: October 7, 2026
Conducted by: Kyarsgaard, Smith
Survey Vessel: SV Dubuque
Low Operating Level: 528' MSL 1912
Water Surface: 532.39
Stage: +4.38
Water Surface Source: GAGE
Upstream Gage: Lock 17 RM 437.1
Downstream Gage: Lock 18 RM 410.5
RTK to Pool Datum: NA

Processed in ArcGIS by: Cameron S 10/15/2026
Document Name: UM_18_MVR_20261007_CS_41104170_26A

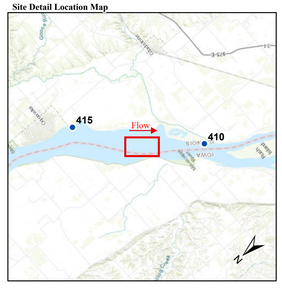
** Depths shown have been adjusted from actual depths at the time of survey to reflect depth from Low Operating Level.*

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

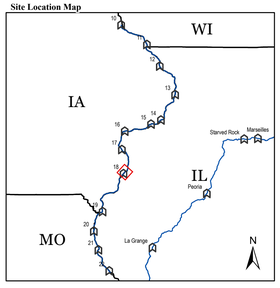
Imagery: USACE 2022 & 2024 UMR Pools

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: 18
REACH: Dasher Island
REACH MILES: 411.7 to 412.9
SURVEY TYPE: CONDITION
COLLECTION TYPE: Multibeam

0 100 200 400 600 800 1,000 Feet

1 inch = 200 feet
Sheet Size 36" x 24"

SURVEYED RIVER MILES: 411.0-417.0

US Army Corps of Engineers
Rock Island District

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

Designed By:	Date: 10/15/2026
Drawn By:	File No.
Checked By:	I.S.O. Sheet File Name:
Reviewed By:	Solicitation Number:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

Sheet Reference Number
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UPSTREAM

DOWNSTREAM

1,540,000 2,064,000 1,539,000 2,063,000 1,537,000 2,062,000 1,536,000

1,541,000 2,064,000 1,542,000 2,063,000 2,062,000

2,061,000 1,536,000 2,060,000 1,537,000 2,059,000

1,542,000 2,061,000 1,541,000 2,060,000 1,540,000 2,060,000 1,539,000 2,059,000 1,538,000

411

R

G

NOTES:

Survey Date: October 7, 2026
Conducted by: Kyarsgaard, Smith
Survey Vessel: SV Dubuque
Low Operating Level: 528' MSL 1912
Water Surface: 532.39
Stage: +4.38
Water Surface Source: GAGE
Upstream Gage: Lock 17 RM 437.1
Downstream Gage: Lock 18 RM 410.5
RTK to Pool Datum: NA

Processed in ArcGIS by: Cameron S 10/15/2026
Document Name: UM_18_MVR_20261007_CS_41104170_26A

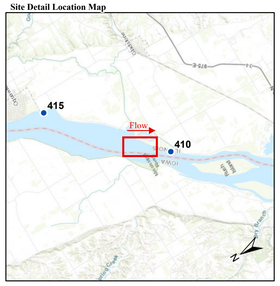
** Depths shown have been adjusted from actual depths at the time of survey to reflect depth from Low Operating Level.*

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

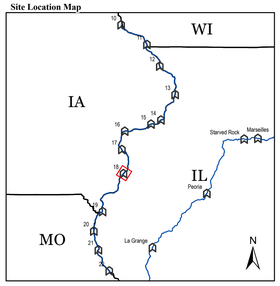
Imagery: USACE 2022 & 2024 UMR Pools

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)*



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: 18
REACH: Lock and Dam 18 Upper
REACH MILES: 410.6 to 411.7
SURVEY TYPE: CONDITION
COLLECTION TYPE: Multibeam

0 100 200 400 600 800 1,000 Feet

1 inch = 200 feet
Sheet Size 36" x 24"

SURVEYED RIVER MILES: 411.0-417.0

US Army Corps of Engineers
Rock Island District

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

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

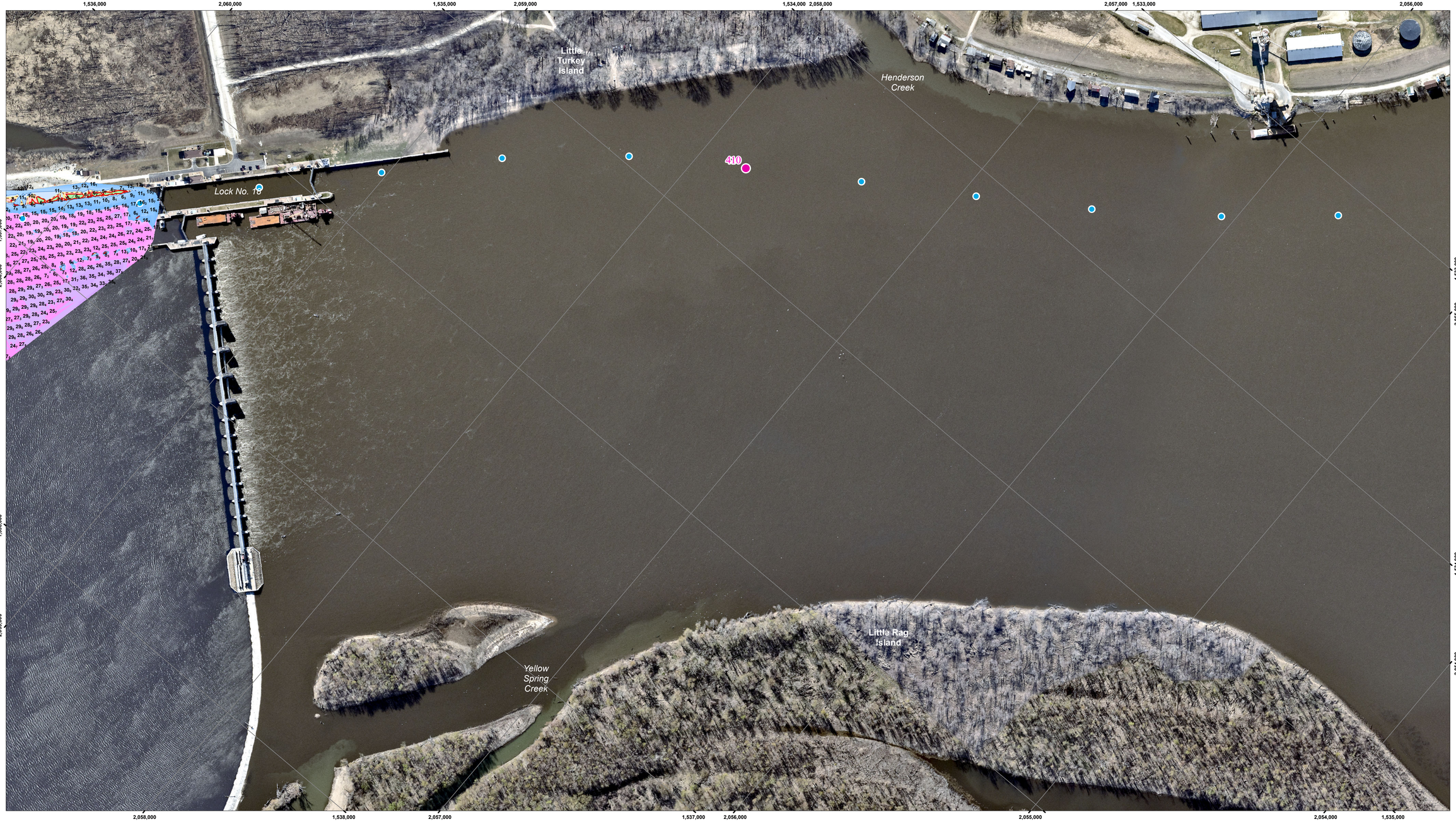
Date: 10/15/2026
File No.
I.S.O. Sheet File Name:
Solicitation Number:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

Sheet Reference Number
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UPSTREAM

DOWNSTREAM



US Army Corps of Engineers
Rock Island District

Symbol	Description	Date	Approved
	Labels represent shallowest depth value derived from 49 foot grid. Map Document Grid is 1000' x 1000'		

Designed By:	Date: 10/15/2026
Drawn By:	File No.
Checked By:	I.S.O. Sheet File Name:
Reviewed By:	Solicitation Number:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

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NOTES:

Survey Date: October 7, 2026
Conducted by: Kyarsgaard, Smith
Survey Vessel: SV Dubuque
Low Operating Level: 518.2' MSL 1912
Water Surface: 532.39
Stage: +4.38
Water Surface Source: GAGE
Upstream Gage: Lock 17 RM 437.1
Downstream Gage: Lock 18 RM 410.5
RTK to Pool Datum: NA

Processed in ArcGIS by: Cameron S 10/15/2026
Document Name: UM_18_MVR_20261007_CS_41104170_26A

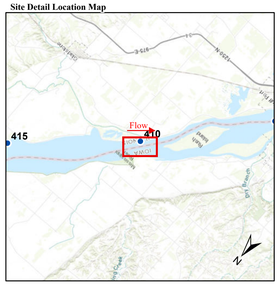
** Depths shown have been adjusted from actual depths at the time of survey to reflect depth from Low Operating Level.*

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

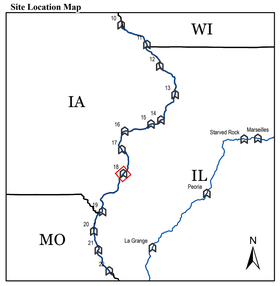
Imagery: USACE 2022 & 2024 UMR Pools

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)*



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: 19
REACH: Lock and Dam 18 Lower
REACH MILES: 409.4 to 410.6
SURVEY TYPE: CONDITION
COLLECTION TYPE: Multibeam

0 100 200 400 600 800 1,000 Feet

1 inch = 200 feet
Sheet Size 36" x 24"

SURVEYED RIVER MILES: 411.0-417.0