22 SEPT, 2022
INTERPOLATED WATER SURFACE ELEVATIONS
NAVD88

MILE	LWRP14	WS 1300	WS 1430	DIFF 1300	DIFF 1430
Waters Point					
158.5	364.30	369.42	369.42	5.12	5.12
157.0	363.66	368.92	368.92	5.26	5.26
156.0	363.25	368.58	368.59	5.33	5.34
Herculaneum					
151.9	361.48	367.21	367.23	5.73	5.75

< 9.00
9.00
12.00
>= 14.00

PRE DREDGE SURVEY

1. Sounded 22 September, 2022 by Prairie Enginners, P.C.
2. Horizontal Datum NAD83(2011) Missouri East, Vertical Datum NAVD88
3. Depths shown are below LWRP_14 (88)
4. Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
5. Depths shown are below LWRP_14
   Red depths are between 9 feet, LWRP_14 and the surface.
   Green depths are 9 to 12 feet below LWRP_14
   Blue depths are 12 to 14 feet below LWRP_14
   Black depths are 14 feet and greater are below LWRP_14
6. This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in the USACE Engineering manual ER 1110-2-1003.

PRELIMINARY

Prairie Engineers
ENGINEERS · SURVEYORS · SCIENTISTS

ST. LOUIS DIST

Gage Records 22 Sept, 2022
Waters Point 13:00 = -0.68 14:30 = -0.68
Herculaneum 13:00 = -1.00 14:30 = -1.06

DATES OF SURVEY: 22 SEPTEMBER, 2022

SCALE: ONE INCH = 200 FEET

FIELD BOOKS:

FILE NO.:
REQUEST NO.:

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF OF SURVEY

Approved: Darren Forry
CHIEF OF SURVEY

Date: 24 SEPTEMBER 2022

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL 62236

MIDDLE MISSISSIPPI RIVER
PRE DREDGE SURVEY
RIVER MILES 156.5 - 156.0