



CASE RECORD	
WATER SURFACE	LAGRANGE LOCK (L)
ZERO N.G.V.D.	48.0
MILE	80.3
MIN POOL	419.1
DATE	07 OCT 2020
ELEVATIONS ARE REFERRED TO NAD83. CONTOURS ARE BELOW MIN POOL SURFACE. WATER REFERENCE PLANE: LAKE POOL SURFACE (L.S.)	

SURVEY DATA	
Survey Date:	October 07, 2020
Submitted by:	Chief, Engr. Data, Mgmt. Sect.
Reviewed by:	File Name: 050720.mxd
APPROVED:	Plot Date: 10/9/2020
	Plot Scale: 1" = 200'

U.S. ARMY ENGINEER DIVISION
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

ILLINOIS RIVER BASIN
ILLINOIS RIVER

60 METERS
0 200 400 FEET

POST DREDGE SURVEY
RIVER MILES: 75.0 - 74.5

PLATE NUMBER
1

October 07, 2020
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 15:30	WS 16:30	MP DIFF 15:30 PM	MP DIFF 16:30 PM
80.3	419.1	420.1	420.1	-1.0	-1.0
80.0	419.1	420.1	420.1	-1.0	-1.0
79.0	419.1	420.1	420.1	-1.0	-1.0
78.0	419.1	420.0	420.0	-1.0	-1.0
77.0	419.1	420.0	420.0	-0.9	-0.9
76.0	419.1	420.0	420.0	-0.9	-0.9
75.0	419.0	419.9	419.9	-0.9	-0.9
74.0	419.0	419.9	419.9	-0.9	-0.9
73.0	419.0	419.9	419.9	-0.9	-0.9
72.0	419.0	419.9	419.9	-0.8	-0.8
71.0	419.0	419.8	419.8	-0.8	-0.8
70.8	419.0	419.8	419.8	-0.8	-0.8

This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in USACE Engineering Manual ER 1110-1-12.

Post Dredge Survey

- Sounded October 07, 2020 by Prairie Engineers, P.C.
- Horizontal Datum is based on the North American Datum of 1927 (NAD27). Coordinates shown are Illinois West Zone State Plane.
- Vertical Datum is based on the National Geodetic Vertical Datum of 1929 (NGVD29).

Depths shown are below MIN POOL SURFACE
 Red solid contours are 9' below MIN POOL SURFACE
 Green dashed contours are 12' below MIN POOL SURFACE
 Blue dashed contours are 14' below MIN POOL SURFACE

MIN POOL DEPTHS
 DEPTHS AND CONTOURS SHOWN ARE BASED ON DEPTH BELOW MIN POOL SURFACE

PRELIMINARY