



1. SOUNDED NOVEMBER 10, 2020 BY BOWEN ENGINEERING AND SURVEYING.
 2. HORIZONTAL DATUM IS BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD 83), COORDINATES SHOWN ARE MISSOURI EAST ZONE STATE PLANE.
 3. VERTICAL DATUM IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- Depths shown are below LWRP2014 SURFACE
 Red solid contours are 9' below LWRP2014 SURFACE
 Green dashed contours are 12' below LWRP2014 SURFACE
 Blue dashed contours are 14' below LWRP2014 SURFACE



ST. LOUIS, MO	ST. LOUIS, MO	ST. LOUIS, MO	CHESTER, IL
379.58	377.34	357.38	340.73
180.0	188.70	116.0	109.9
376.38	369.63	353.83	340.33
3.34(8)301.34(8)200	X	UNAVAILABLE	6.57(8)301.53(8)200

Surveyed by: BOWEN ENGINEERING	Survey Date: NOVEMBER 10, 2020	Drawn by: X	Reviewed by: X	Checked by: X
U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	UPPER MISSISSIPPI RIVER BASIN	MISSISSIPPI RIVER	APPROVED: X	Plot date: #888888888888

NOVEMBER 10, 2020
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 10:30	WSE @ 12:00	LWRP 2014	LWRP DIF @ 10:30	LWRP DIF @ 12:00
136	360.56	360.59	353.87	6.69	6.72
137	361.07	361.10	354.33	6.74	6.77
138	361.58	361.61	354.72	6.86	6.89

170 0 100 240 METERS
400 0 400 800 FEET

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY CONDUCTED UNDER THE GENERAL CONDITIONS SET FORTH IN THE PRE DREDGE SURVEY RIVER MILES 137.3 - 136.0