



Hydrographic Survey of the Mississippi River Ortho photography flown 1995
 Horizontal Projection: State Plane, NAD1983, Illinois West - 1202 U.S. Survey Feet
 Vertical Datum: MSL 1912 U.S. Survey Feet. All soundings adjusted to Flat Pool: 470.0
 Water Surface at time of survey: 471.2 / Water Stage: +1.2 Feet

Survey Vessel: Launch Coot
 Conducted by: Ray Frana and Matt Martin
 Processed in Autodesk LDDT by: Bob Adams on 3 Nov 2010
 File Name: UMR_21_3308-3320_10E.dwg



US ARMY CORPS OF ENGINEERS
 MVR - ROCK ISLAND DISTRICT
 OPERATIONS DIVISION - TECH SUPPORT BRANCH

Hogback Hydraulic Dredge Event

Survey Date: 1 Nov 2010
 UMR / Pool 21 - Reach River Miles: 330.8 - 332.0