U.S. ARMY CORPS OF ENGINEERS 329,000 332,000 335,000 338,000 3,922,000 US Army Corps of Engineers District: CEMVN DISPOSAL TO WILLET ISLAND Wreck♦ , AZ. 352 02'10" 272.77" 262°02510" AZ. 172°02'10" 498+02.5 L=15.3 MLLW LL=13.3 MLLV 49_=16.3 MLLW DM /#Z/ DM 7 STAFF -7 01465 (0.0' GAGE + =-0.16' NAVD88, 2009.55 (EST) = 3.37' MLG) APPROX. MILE 9.0 APPROX. C/L STA. APPROX. DM #5 DM #1 LYNDA ISLAND SINGLE POINT DISCHARGE (SPD) X = 3,928,769.89 Y = 334,498.87 PLOVER ISLAND VENICE .8 TO 10. MISS. RIVER OUTLETS AT VI BAPTISTE COLLETTE, MI. 7.8 OV_05_BAP_20231220_CS_I SHEA ISLAND SURVEY PROFILE ALIGNMENT NOTES: 338,000 329,000 332,000 335,000 Horizontal Coordinate System: VICINITY MAP North American Datum of 1983 (NAD83), projected to the State Plane Coordinate System (SPCS), Louisiana South Zone. Distance units in U.S. Survey Feet. **LEGEND** Vertical Datum: DM 16 VRS: 0.7 MLLW AVG. Gage Reading: Soundings are shown in feet and indicate depths below Mean Lower Low Water Datum (MLLW). -7.5' and above CALM Datum relationships as of April 2023: Borrow Area Sea Conditions: --- Federal Navigation Channel Cable Area 0.0' NAVD88 (2009.55) = -0.20' MLLW (2002-2006) = 3.3' MLG OB-169 -7.5' to -11.5' Vessel Name: Shoalest Sounding** — Federal Navigation Center Line Placement Area Distances on the Mississippi River, above and below Head of Passes are shown Survey Type: at 1 mile intervals. -11.5' to -13.5' Sounding Frequency***: 24 As-built Pipeline/Cable Anchorage Area Beacon, General The location of navigation aids are base on and provided by the U.S. Coast Guard. -13.5' to -15.5' ∅ Obstruction Point Unconfirmed Pipeline/Cable 2018 Aerial Photography data source: Precision Aerial Reconnaissaince LLC. Red Navigation Buoy -15.5' to -19.5' 1998 imagery in transparent green. Sheet Wrecks-Submerged — Project Depth Contour Reference is N.O.A.A. Navigation Chart No. 11353. Reference -19.5' and below Green Navigation Buoy 1,000 2,000 500 1,500 Number ** Shoalest Sounding per Quarter per Reach. 5 **of** 6 *** High frequency (200 kHz) survey data represents the first signal return at a sounding location and will include suspended solids, known as "fluff", if present. Low frequency (20 kHz)

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survey data normally penetrates through this "fluff" layer to depict elevations of consoldiated bottom

material. Low frequency accuracies may vary depending on channel conditions and fathometer

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