U.S. ARMY CORPS OF ENGINEERS US Army Corps of Engineers District: CEMVN 2 3 9 15 17 14 10 3 9 16 16 16 12 8 4 2 2 3 10 16 18 16 15 11 4 2 2 3 5 12 17 18 16 16 14 10 4 3 2 2 4 9 16 16 14 9 7 3 2 2 9 16 16 18 18 17 16 12 8 5 2 2 8 16 18 18 17 16 12 9 2 2 8 12 17 19 18 18 16 1 2 3 4 10 15 19 18 2 3 8 12 17 19 18 2 3 8 12 17 19 18 2 3 6 11 15 18 2 3 4 9 14 1 VERMILION RIVER
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0\_UPR\_20211116\_CS GIWW -0\_UPR\_2 16 Nove 479,000 NOTES: VICINITY MAP Horizontal Coordinate System: North American Datum of 1983 (NAD83), projected to the State Plane z <del>de</del> Coordinate System (SPCS), Louisiana South Zone. Distance units in U.S. Survey Feet. Vermilion Bay **LEGEND** LELAND BOWMAN EAST: 2.50 MLG Vertical Datum: Gage Reading: Soundings are shown in feet and indicate depths below Mean Low Gulf Datum (MLG). Datum Relationships for gage 76720 as of August 2014: 0.0' NAVD88 (OPUS 2014) = 2.08' MLG CALM -9' and above Sea Conditions: --- Federal Navigation Channel Cable Area Borrow Area OB167 -9' and below Vessel Name: Shoalest Sounding\*\* Survey Type: Distances on the Vermilion River are shown at 1 mile intervals. Sounding Frequency\*\*\*: 400KHZ \_\_\_\_ Anchorage Area As-built Pipeline/Cable Beacon, General The location of navigation aids are base on and provided by the U.S. Coast Guard and USACE survey crews. ∅ Obstruction Point Unconfirmed Pipeline/Cable Red Navigation Buoy Sheet 2017 Aerial Photography data source: NAIP. Transparent green imagery from 1998 DOQQ. — Project Depth Contour Wrecks-Submerged Reference Reference is N.O.A.A. Navigation Chart No. 11350. **Green Navigation Buoy** 23 22 21 20 1 1,200 Number 400 800 \*\* Shoalest Sounding per Quarter per Reach. 20 **of** 49 \*\*\* 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) survey data normally penetrates through this "fluff" layer to depict elevations of consoldiated bottom Revison Number: 4.2-20200420 material. Low frequency accuracies may vary depending on channel conditions and fathometer