U.S. ARMY CORPS OF ENGINEERS 578,000 575,000 US Army Corps of Engineers District: CEMVN 42" CHENIERE CREOLE TRAIL PIPELINE, L.P. Mud Lake • LIGHT 90 LIGHT 88 L=43.9 MLLW 43.5 CALGASIEU PARISH DISPOSAL AREA 15 R SHEET 11
R_20250505_C LOWER SHEET -_11_LWR_202505 05 May 2025 575,000 CALCASIEU NOTES: Horizontal Coordinate System: North American Datum of 1983 (NAD83), projected to the State Plane VICINITY MAP Coordinate System (SPCS), Louisiana South Zone. Distance units in U.S. Survey Feet. **LEGEND** Vertical Datum: -16' and above DM 86 VRN: 1.07 MLLW AVG. Gage Reading: Soundings are shown in feet and indicate depths below Mean Lower Low Water Datum (MLLW). Datum Relationships for gage 73595 as of December 2013:
0.0' NAVD88 (OPUS 2013) = 0.9' MLLW = 1.9' MLG or 0.0' MLLW = 1.0' MLG 3 Fluff Thickness (feet)* -16' to -21' CHOPPY --- Federal Navigation Channel Cable Area Sea Conditions: -21' to -26' M/V TECHE Vessel Name: 13 14 15 16 17 18 19 20 21 22 23 24 25 26 11 12 — Federal Navigation Center Line Placement Area Shoalest Sounding** Distances on the Calcasieu River are shown at 1 mile intervals. CONDITION Survey Type: -26' to -33' Sounding Frequency***: LOW The location of navigation aids are base on and provided by the U.S. Coast Guard **Upper Channel** [__] Anchorage Area **Lower Channel** the GIS user community As-built Pipeline/Cable Beacon, General -33' to -39' and USACE survey crews. -39' to -41' ∅ Obstruction Point --- Unconfirmed Pipeline/Cable 2022 Aerial Photography data source: PAR LLC Red Navigation Buoy 40 41 42 43 44 45 46 47 48 49 Sheet -41' to -43' Feet Reference is N.O.A.A. Navigation Chart No. 11339. — Project Depth Contour Wrecks-Submerged Reference -43' and below **Green Navigation Buoy** 800 1,200 * Difference between high and low frequency elevations where greater than 1.0'. Number 400 **of** 53 ** Shoalest Sounding per Quarter per Reach. *** 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) Revison Number: 5.25.04.03 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