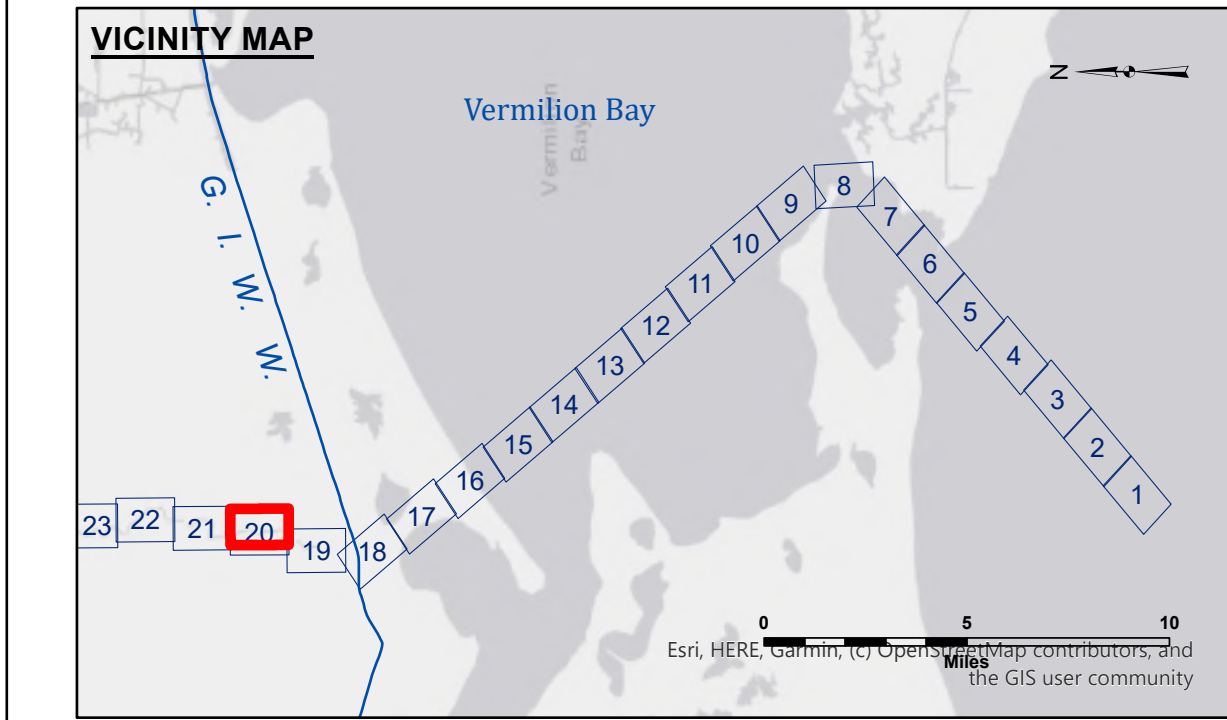
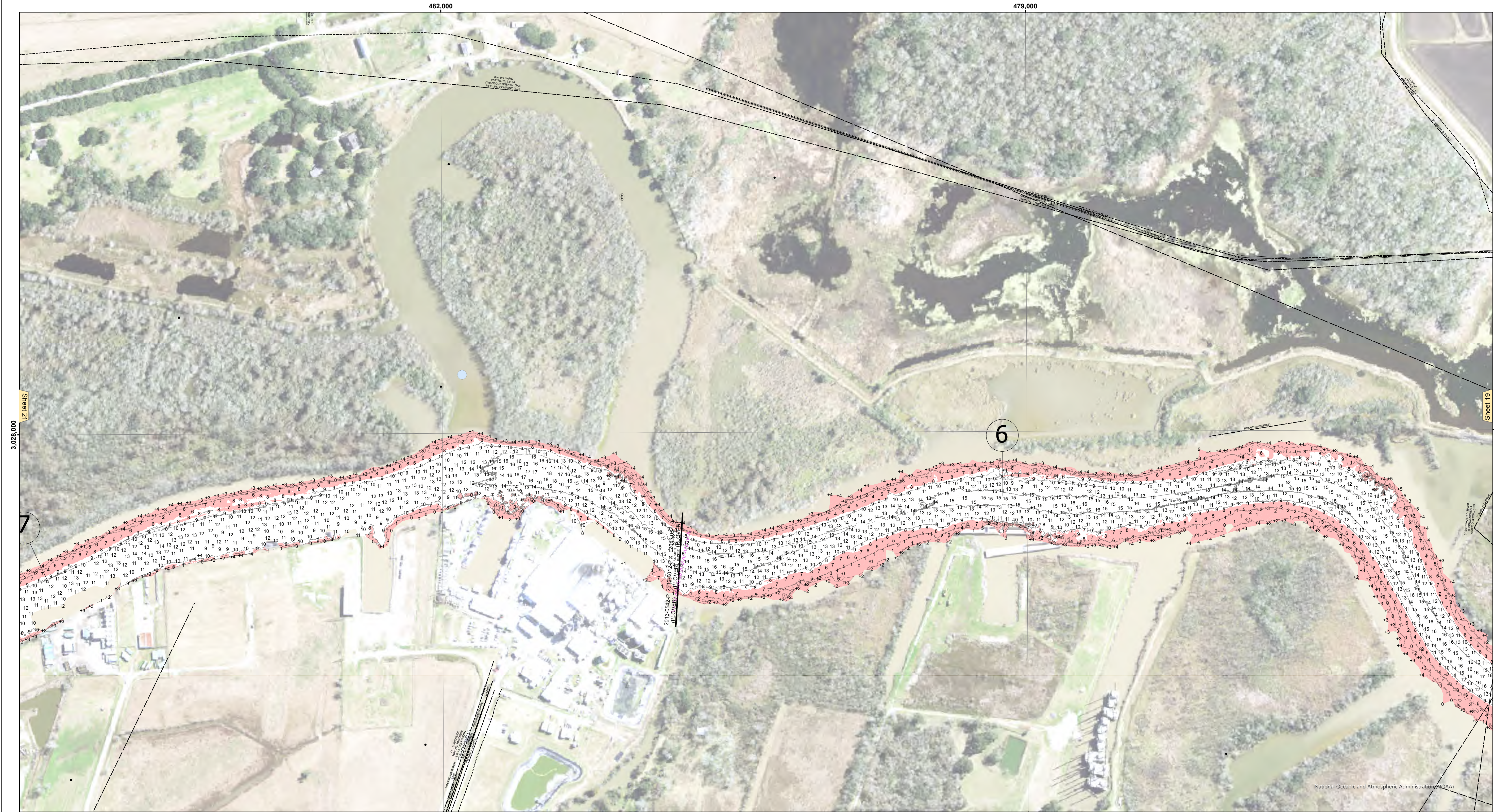




LEGEND

--- Federal Navigation Channel

— Federal Navigation Center Line

— As-built Pipeline/Cable

..... Unconfirmed Pipeline/Cable

— Project Depth Contour

○ Cable Area

□ Placement Area

□ Anchorage Area

⊗ Obstruction Point

✈ Wrecks-Submerged

□ Borrow Area

● Shoalest Sounding**

★ Beacon, General

◆ Red Navigation Buoy

◆ Green Navigation Buoy

■ -9' and above

□ -9' and below

0 400 800 1,200

Feet

Gage Reading: CALM

Sea Conditions: OB169

Vessel Name: MB_LIDAR

Survey Type: 400KHZ

Sounding Frequency***: 400KHZ

LELAND BOWMAN EAST VRN: 2.20 MLG

Vertical Datum: MLG

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

Distances on the Vermilion River are shown at 1 mile intervals.

The location of navigation aids are base on and provided by the U.S. Coast Guard and USACE survey crews.

2021 Aerial Photography data source: NAIP

Reference is N.O.A.A. Navigation Chart No. 11350.

** 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) survey data normally penetrates through this "fluff" layer to depict elevations of consolidated bottom material. Low frequency accuracies may vary depending on channel conditions and fathometer settings.

US Army Corps of Engineers

District: CEMVN

DISCLAIMER

As a contractor, the United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were provided, and that the data are not to be used for any purpose other than that for which they were provided, and that the data are not to be used for any purpose other than that for which they were provided.

DISCLAIMER

The data represents the results of data collection/processing for a specific US Army Corps of Engineers activity and indicates the general existing conditions. As such, the data is not to be used for any purpose other than that for which they were provided, and that the data are not to be used for any purpose other than that for which they were provided, and that the data are not to be used for any purpose other than that for which they were provided.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT			
Submitted: _____	Surveyed By: PMLT _____		
Recommended: _____	Plotted By: JH _____		
Approved: _____	Checked By: JH _____		
Chief, Waterways Maintenance Section			

VERMILION RIVER

GIWW TO PERRY

VM_20_UPR_20250307_CS_1X1

07 March 2025

Sheet Reference Number

20 of 49