



**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

■ -12' and above

□ -12' and below

Gage Reading:  
Sea Conditions:  
Vessel Name:  
Survey Type:  
Sounding Frequency\*\*\*:

LBL WESTGAGE VRN: 3.41 MLG AVG  
CHOPPY  
OB-189  
CONDITION  
HIGH

Feet

0 400 800 1,200

**NOTES:**  
Horizontal Coordinate System:  
North American Datum of 1983 (NAD83), projected to the State Plane  
Coordinate System (SPCS), Louisiana South Zone. Distance units in U.S. Survey Feet.  
Vertical Datum:  
Soundings are shown in feet and indicate depths below Mean Low Gulf Datum (MLG).  
Datum Relationships for gage 76592 / 76593 as of August 2011:  
0.0' NAVD88 (2006.81) = 0.9' MLLW = 1.9' MLG or 0.0' MLLW = 1.0' MLG  
Distances on the Freshwater Bayou 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 (1998 DOQQ imagery in green)  
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.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT			
Submitted:	Surveyed By: SP/JJS	Plotted By: BD	Checked By: AO/JH
Recommended:	Chief, Survey Section	Chief, Waterways Maintenance Section	
Approved:			

FRESHWATER BAYOU  
LOWER CHANNEL  
FB\_11\_LWR\_20250603\_CS  
03 June 2025

Sheet  
Reference  
Number  
11 of 19

Revision Number:  
5.25.04.03-5.25.04.03

US Army Corps  
of Engineers  
District: CEMVN

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