

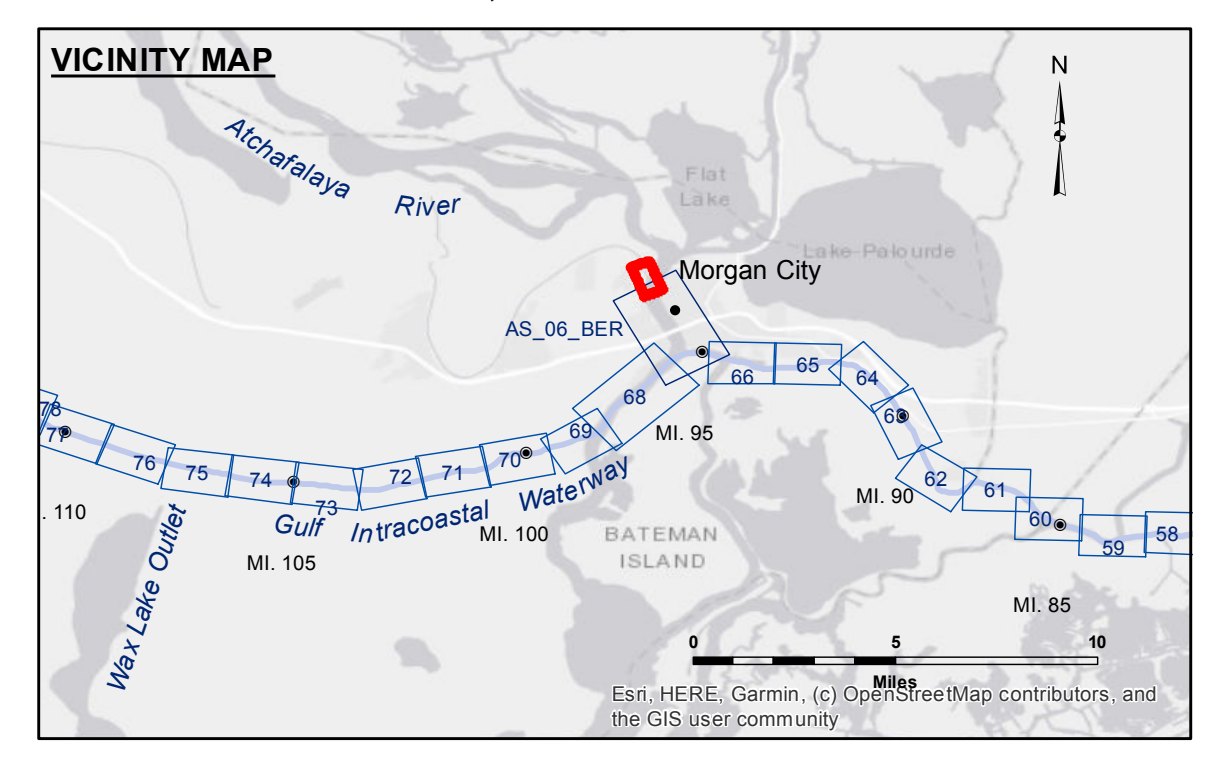
NOTES:

- At the direction of the Contracting Officer, all dredged material shall be disposed beyond the -32 foot MLG contour of Atchafalaya River or into commercial borrow pits.
- Actual authorized dimensions vary. Dredging assignments detailing the ac

TABLE OF COORDINATES

① x=3315461.2 y=443192.84	④ x=3316249.1 y=441024.9
② x=3315543.64 y=442988.26	⑤ x=3316125.6 y=440150.7
③ x=3316217.7 y=441278.04	

VERTEX
 X=3,315,754.0
 Y= 441,094.9
 R= 500'
 DELTA= 29 35'59"



LEGEND

--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -12' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	□ -12' and below
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy	

Gage Reading: MC: 3.6 MLG
Sea Conditions: CALM
Vessel Name: M/V OB 189
Survey Type: CONDITION
Sounding Frequency*:** HIGH

Scale: 0 100 200 300 400 500 Feet

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 Lower Atchafalaya River at Morgan City (03780) as of May 2014:
 0.0' NAVD88 (2009.55) = 2.05' MLG

The location of navigation aids are base on and provided by the U.S. Coast Guard.
 2015 Aerial Photography data source: NAIP.
 Reference is N.O.A.A. Navigation Chart No. 11355.

** 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.



DISCLAIMER:
 The data represents the results of data collection processing for a specific US Army Corps of Engineers project. The data is not intended for use in any other project. It is only valid for its intended use, control, time and accuracy specifications. The user is responsible for the results and any errors. The application of the data for other than its intended purpose. Data Collection: Hydrographic survey data is subject to change due to several factors including but not limited to dredging, sedimentation, and channel changes. The user is responsible for the results of the hydrographic conditions when developed after the date of the data collection. The user is responsible for the results of the data collection. The user is responsible for the results of the data collection. The user is responsible for the results of the data collection.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted:	Surveyed By: RYLAND HOSHMAN
Recommended:	Plotted By: AO
Approved:	Checked By: AO

**ATCHAFALAYA RIVER
 BERWICK LOCK FOREBAY
 AS_00_BLF_20200819_CS
 19 August 2020**

**Sheet
 Reference
 Number
 1 of 1**

Revision Number:
 4.1-20191105