U.S. ARMY CORPS OF ENGINEERS 443,000 **US Army Corps** of Engineers District: CEMVN BERWICK LOCK WEST (NGVD = (8) NOTES: (4) 1. At the direction of the Contracting TABLE OF COORDINATES Officer, all dredged material shall be disposed beyond the -32 foot MLG VERTEX contour of Atchafalaya River or into 4)x=3316249.1 y=441024.9 X=3,315,754.0 1)x=3315461.2 y=443192.84 commercial borrow pits. Y= 441,094.9 R= 500' 5 x=3316125.6 y=440150.7 2 x=3315543.64 2. Actual authorized dimensions vary. DELTA= 29 35'59" Dredging assignments detailing the 3 x=3316217.7 y=441278.04 ATCHAFALAYA RIVER
BERWICK LOCK FOREBAY
AS\_00\_BLF\_20160518
18 May 2016 443,000 440,000 North American Datum of 1983 (NAD83), projected to the State Plane Coordinate System (SPCS), Louisiana South Zone. Distance units in U.S. Survey Feet. VICINITY MAP **LEGEND** Gage Reading: 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 MORGAN CITY: 6.03 MLG Sea Conditions: CALM --- Federal Navigation Channel Cable Area Borrow Area OB 189 -12' and above Vessel Name: The location of navigation aids are base on and provided by the U.S. Coast Guard. — Federal Navigation Center Line Placement Area Shoalest Sounding\*\* Survey Type: CONDITION \_\_\_\_ -12' and below 2010 Aerial Photography data source: NAIP. 1998 DOQQ imagery shown in green from USGS. Sounding Frequency\*\*\*: HIGH As-built Pipeline/Cable Anchorage Area Beacon, General ∅ Obstruction Point Reference is N.O.A.A. Navigation Chart No. 11355. ..... Unconfirmed Pipeline/Cable Red Navigation Buoy Sheet \*\* Shoalest Sounding per Quarter per Reach. → Wrecks-Submerged — Project Depth Contour Reference Green Navigation Buoy \*\*\* 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) 300 200 100 Number 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 **of** 1 Revison Number: 3.8.0-20150202 contributors, and the GIS user community