



LEGEND

--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -8' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	□ -8' 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	

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 76720 as of August 2014:
0.0' NAVD83 (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.

2010 Aerial Photography data source: NAIP. Transparent green imagery from 1998 DOQQ.

Reference is N.O.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.



DISCLAIMER

The information depicted on this map represents the results of a survey conducted by the U.S. Army Corps of Engineers and is not to be used for any purpose other than that for which it was prepared. The user is responsible for the results of any application of the data for other than its intended purpose. The U.S. Army Corps of Engineers does not assume any liability for damages or injury resulting from the use of this data. The U.S. Army Corps of Engineers does not assume any liability for damages or injury resulting from the use of this data. The U.S. Army Corps of Engineers does not assume any liability for damages or injury resulting from the use of this data.

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

**VERMILION RIVER
3 MILE CUT
VM_16_3MC_20170518_CS
18 May 2017**

**Sheet
Reference
Number
16 of 49**

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