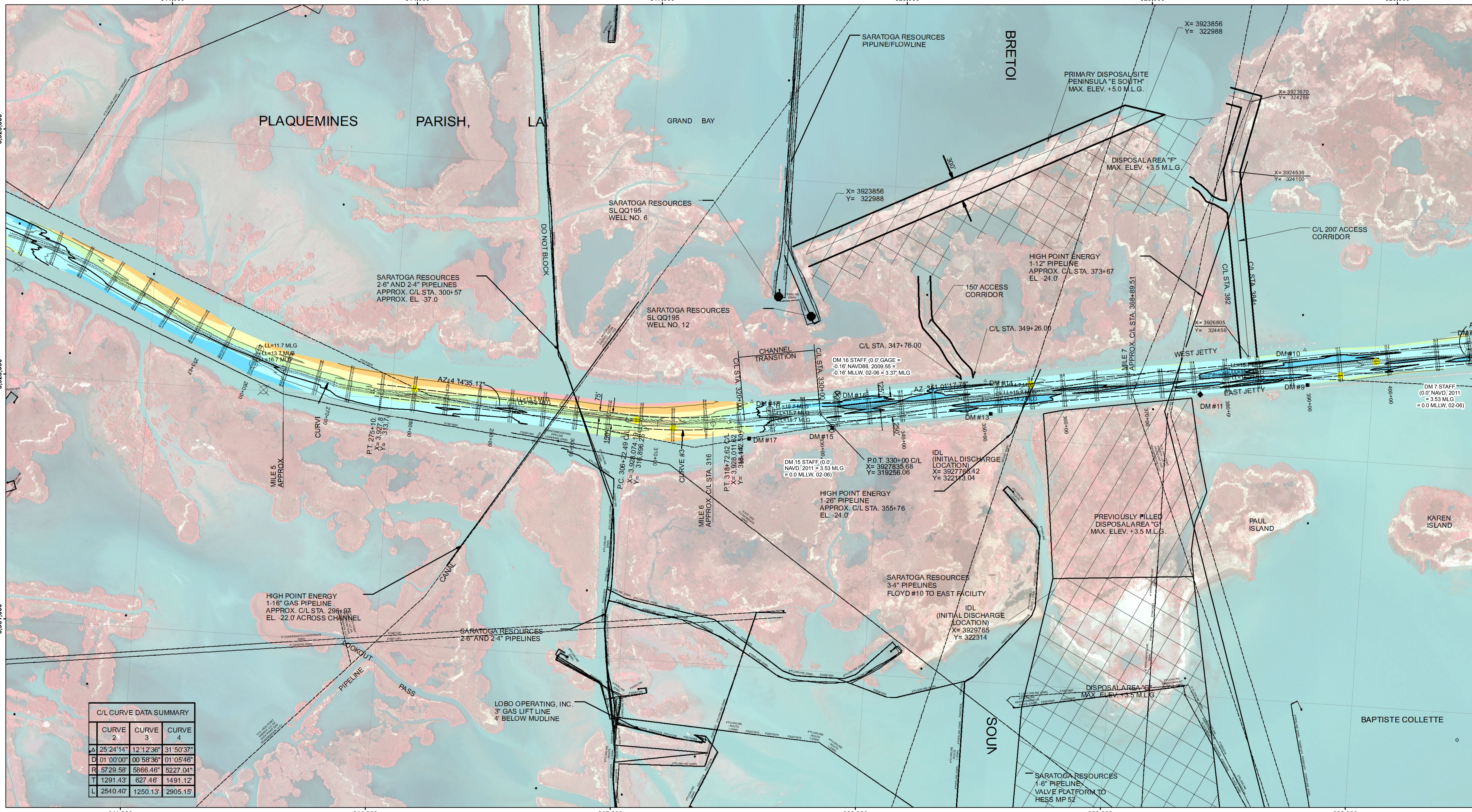
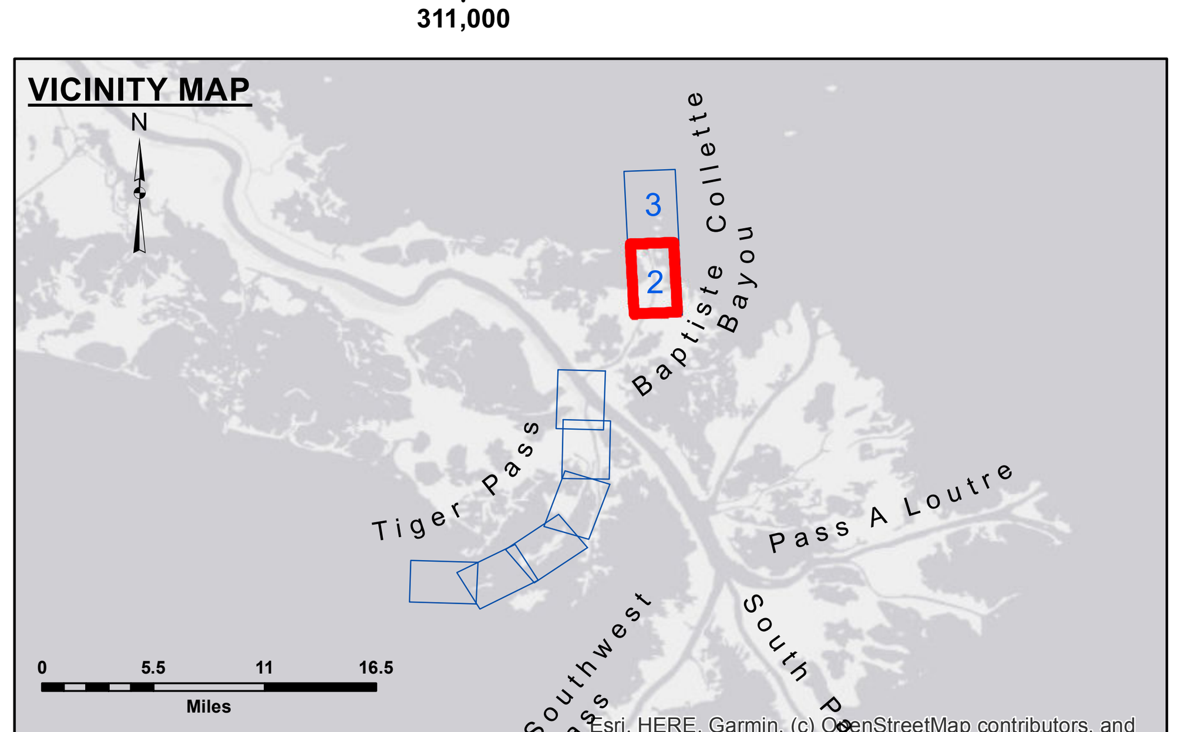

311,000
314,000
317,000
320,000
323,000
326,000
3,925,000
3,928,000
3,931,000
PLAQUEMINES PARISH, LA
GRAND BAY
BRETON
SOUTH
DO NOT BLOCK
SARATOGA RESOURCES
PIPLINE/FLOWLINE
X= 3923856
Y= 322988
PRIMARY DISPOSAL SITE
PENINSULA "E SOUTH"
MAX. ELEV. +5.0 M.L.G.
DISPOSAL AREA "F"
MAX. ELEV. +3.5 M.L.G.
X= 3923670
Y= 324289
X= 3924539
Y= 324100
C/L 200' ACCESS
CORRIDOR
SARATOGA RESOURCES
SL QQ195
WELL NO. 6
SARATOGA RESOURCES
2-6" AND 2-4" PIPELINES
APPROX. C/L STA. 300+57
APPROX. EL. -37.0
SARATOGA RESOURCES
SL QQ195
WELL NO. 12
HIGH POINT ENERGY
1-12" PIPELINE
APPROX. C/L STA. 373+67
EL. -24.0'
150' ACCESS
CORRIDOR
C/L STA. 349+26.00
C/L STA. 347+76.00
CHANNEL
TRANSITION
DM 16 STAFF (0.0' GAGE =
-0.16' NAVD88, 2009.55 =
-0.16' MLLW, 02-06 = 3.37' MLG
WEST JETTY
EAST JETTY
DM #10
DM #9
DM #11
DM #8
DM #13
DM #14
DM #15
DM #16
DM #17
DM #18
DM 7 STAFF
(0.0' NAVD, 2011
= 3.53 MLG
= 0.0 MLLW, 02-06)
Sheet 2
AZ 4 14°35.17"
MILE 5
APPROX
MILE 6
APPROX. C/L STA. 316
MILE 7
APPROX. C/L STA. 368+89.51
CURVE
CURVE #3
P.T. 275+10
X= 3,927.8
Y= 313.7
P.C. 306+22.49 C/L
P.T. 318+72.99 C/L
DM 15 STAFF (0.0'
NAVD, 2011 = 3.53 MLG
= 0.0 MLLW, 02-06)
P.O.T. 330+00 C/L
X= 3927835.68
Y= 319256.06
IDL
(INITIAL DISCHARGE
LOCATION)
X= 3927768.42
Y= 322143.04
HIGH POINT ENERGY
1-26" PIPELINE
APPROX. C/L STA. 355+76
EL. -24.0'
PREVIOUSLY FILLED
DISPOSAL AREA "G"
MAX. ELEV. +3.5 M.L.G.
PAUL
ISLAND
KAREN
ISLAND
SARATOGA RESOURCES
3-4" PIPELINES
FLOYD #10 TO EAST FACILITY
IDL
(INITIAL DISCHARGE
LOCATION)
X= 3929765
Y= 322314
HIGH POINT ENERGY
1-16" GAS PIPELINE
APPROX. C/L STA. 296+97
EL. -22.0' ACROSS CHANNEL
SARATOGA RESOURCES
2-6" AND 2-4" PIPELINES
CANAL
LOOKOUT
PIPELINE
PASS
LOBO OPERATING, INC.
3" GAS LIFT LINE
4' BELOW MUDLINE
DISPOSAL AREA "G"
MAX. ELEV. +3.5 M.L.G.
BAPTISTE COLLETTE
SARATOGA RESOURCES
1-6" PIPELINE
VALVE PLATFORM TO
HESS MP 52

C/L CURVE DATA SUMMARY

	CURVE 2	CURVE 3	CURVE 4
Δ	25°24'14"	12°12'36"	31°50'37"
D	01°00'00"	00°58'36"	01°05'46"
R	5729.58'	5866.46'	5227.04'
T	1291.43'	627.46'	1491.12'
L	2540.40'	1250.13'	2905.15'



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
- -4' and above
- -4' to -8'
- -8' to -10'
- -10' to -12'
- -12' to -16'
- -16' and below

Gage Reading:	DM 16: 5.3 MLG AVG
Sea Conditions:	WINDY,4' ON BAR
Vessel Name:	M/V OB 189
Survey Type:	CONDITION
Sounding Frequency***:	HIGH

Feet
0 500 1,000 1,500 2,000 2,500

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 as of 01 May 2013:
0.0' MLLW (2002-2006) = 0.0' NAVD88 (2009.55) = 3.5' MLG

Distances on the Mississippi River, above and below Head of Passes are shown at 1 mile intervals.

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

2018 Aerial Photography data source: Precision Aerial Reconnaissaince LLC.

Reference is N.O.A.A. Navigation Chart No. 11353.

** 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 consoldiated bottom material. Low frequency accuracies may vary depending on channel conditions and fathometer settings.

US Army Corps of Engineers
District: CEMVN

Surveyed By: RYLAND/SONNIER
Plotted By: AO
Checked By: AO

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:
Recommended: Chief, Survey Section
Approved: Chief, Waterways Maintenance Section

MISS. RIVER OUTLETS AT VENICE
BAPTISTE COLLETTE, MI. 4.0 TO 7.8
OV_02_BAP_20200612_CS_POSTSTORM
12 June 2020

Sheet Reference Number
2 of 3

Revision Number:
4.1-20191105