

# JOINT PUBLIC NOTICE

April 14, 2014

United States Army  
Corps of Engineers  
New Orleans District  
Attn: Regulatory Branch  
Post Office Box 60267  
New Orleans, Louisiana 70160-0267

State of Louisiana  
Department of Environmental Quality  
Attn: Water Quality Certification Sec.  
Post Office Box 4313  
Baton Rouge, Louisiana 70821-4313

Project Manager: Bobby Quebedeaux  
(504) 862-2224 / fax: (504) 862-2574  
bobby.d.quebedeaux@usace.army.mil  
Permit Application Number:  
MVN-2014-0805-WJJ

Project Manager:  
Elizabeth Johnson  
(225) 219-3225 / fax: (225) 325-8125  
WQC Application Number:  
WQC-140410-01

Interested parties are hereby notified that a permit application has been received by the New Orleans District of the U.S. Army Corps of Engineers pursuant to:  Section 10 of the Rivers and Harbors Act of March 3, 1899 (30 Stat. 1151; 33 USC 403); and/or  Section 404 of the Clean Water Act (86 Stat. 816; 33 USC 1344).

The application has also been mailed to the Louisiana Department of Environmental Quality, for a Water Quality Certification (WQC) in accordance with statutory authority contained in Louisiana Revised Statute 30:2074 A(3), and provisions of Section 401 of the Clean Water Act (P.L. 95-17).

## **BAYOU LAFOURCHE MAINTENANCE DREDGING IN LAFOURCHE PARISH**

**NAME OF APPLICANT:** Greater Lafourche Port Commission, Attn: Bryce Autin, P.O. Drawer 490, Galliano, Louisiana 70354

**LOCATION OF WORK:** Bayou Lafourche near Port Fourchon, Louisiana, in Lafourche Parish, as shown on the attached vicinity map (29.145727, -90.222025, Hydrologic Unit Code 08080301, Bayou Lafourche Watershed).

**CHARACTER OF WORK:** Maintenance dredging of the 300 foot navigation channel of Bayou Lafourche and placement of fill for marsh creation. Project implementation would impact approximately 108 acres of non-vegetated water bottom.

The comment period for the Department of the Army Permit and the Louisiana Department of Environmental Quality WQC will close **20 days** from the date of this joint public notice. Written comments, including suggestions for modifications or objections to the proposed work, stating reasons thereof, are being solicited from anyone having interest in this permit and/or this WQC request and must be submitted so as to be received before or by the last day of the comment period. Letters concerning the Corps of Engineers permit application must reference the applicant's name and the Permit Application Number, and be forwarded to the Corps of Engineers at the address above, **ATTENTION: REGULATORY BRANCH**. Individuals or parties may request an extension of time in which to comment on the proposed work by writing, faxing, or e-mailing the Corps of Engineers Project Manager listed above. Any request must be specific and substantively supportive of the requested extension, and received by this office prior to the end of the initial comment period. The Section Chief will review the request and the requestor will be promptly notified of the decision to grant or deny the request. If granted, the time extension will be continuous to the initial comment period and, inclusive of the initial comment period, will not exceed a total of 30 calendar days. Letters concerning the Water Quality Certification must reference the applicant's name and the WQC Application number and be mailed to the Louisiana Department of Environmental Quality at the address above.

The application for this proposed project is on file with the Louisiana Department of Environmental Quality and may be examined during weekdays between 8:00 a.m. and 4:30 p.m. Copies may be obtained upon payment of costs of reproduction.

### **Corps of Engineers Permit Criteria**

The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The U.S. Army Corps of Engineers is soliciting comments from the public, federal, state, and local agencies and officials, Indian Tribes, and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the U.S. Army Corps of Engineers to determine whether to make, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

The New Orleans District is unaware of properties listed on the National Register of Historic Places near the proposed work. The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or data. Issuance of this public notice solicits input from the State Archeologist and State Historic Preservation Officer regarding potential impacts to cultural resources.

Our initial finding is that the proposed work would neither affect any species listed as endangered by the U.S. Departments of Interior or Commerce, nor affect any habitat designated as critical to the survival and recovery of any endangered species.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal may result in the destruction or alteration of **108** acres of EFH utilized by various life stages of red drum and penaeid shrimp. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or federally managed fisheries in the Gulf of Mexico. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service.

If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. Also, a certification that the proposed activity will not violate applicable water quality standards will be required from the Department of Environmental Quality, before a permit is issued.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

You are requested to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

The applicant has certified that the proposed activity described in the application complies with and will be conducted in a manner that is consistent with the Louisiana Coastal Resources Program. The Department of the Army permit will not be issued unless the applicant received approval or a waiver of the Coastal Use Permit by the Department of Natural Resources.

Darrell S. Barbara  
Chief, Western Evaluation Section  
Regulatory Branch

Enclosure



**STATE VICINITY MAP**  
NOT TO SCALE

# BAYOU LAFOURCHE DREDGE PERMIT

WORK TO BE PERFORMED: MAINTENANCE DREDGING

APPLIED BY: GREATER LAFOURCHE PORT COMMISSION

AREA: PORT FOURCHON, LOUISIANA



**PICCIOLA & ASSOCIATES, INC.**

CELESTIAL SURVEYORS LAND SURVEYORS  
NAVAL ARCHITECTS MARINE ENGINEERS

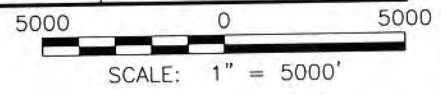
P.O. BOX 687  
CUT OFF, LOUISIANA 70345  
(985) 632-5786

P20140043  
J.N. 1001-1302

REV: 03-03-14  
REV: 02-20-14  
DATE: 10-01-13



**LOCAL VICINITY MAP**



WORK TO BE PERFORMED: MAINTENANCE DREDGING  
 APPLIED BY: GREATER LAFOURCHE PORT COMMISSION  
 AREA: PORT FOURCHON, LA.  
 DREDGE AREA IS LOCATED IN SECTIONS 3 AND 10, T-23-S, R-22-E

LATITUDE = 29° 08' 44.62"  
 LONGITUDE = 90° 13' 19.29"  
 (LAT. & LON. IS LOCATED APPROXIMATE STARTING CENTERLINE OF DREDGE)



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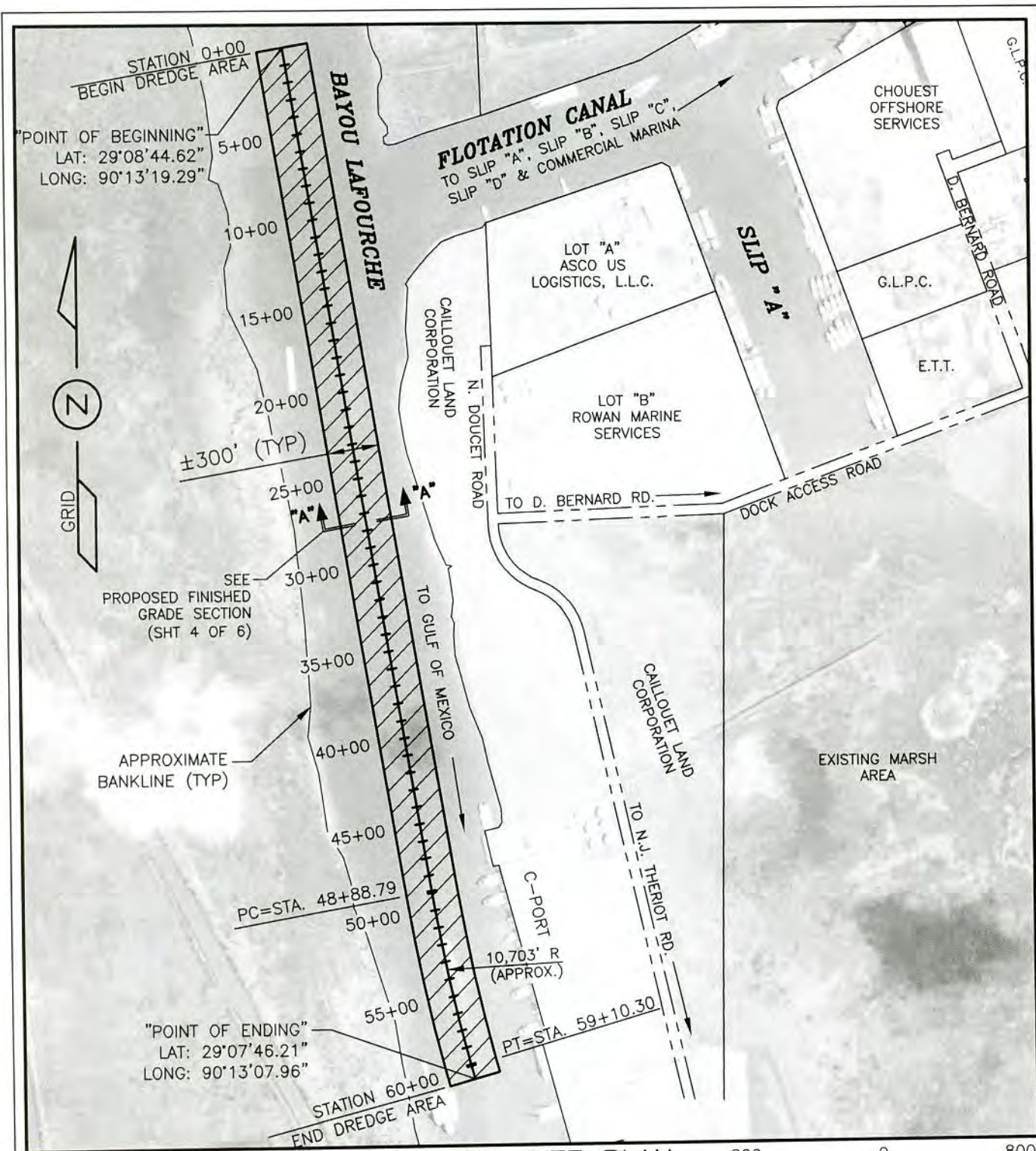
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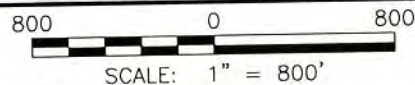
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SHEET 2 OF 7



### OVERALL SITE PLAN



WORK TO BE PERFORMED: MAINTENANCE DREDGING  
 APPLIED BY: GREATER LAFOURCHE PORT COMMISSION  
 AREA: PORT FOURCHON, LA.  
 DREDGE AREA IS LOCATED IN SECTIONS 3 AND 10, T-23-S, R-22-E

PROPOSED DREDGE AREA =  
 ±6,000'x300' TO -24.0 N.A.V.D.=  
 1,800,000 SQ. FT.  
 OR 41.32 ACRES



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SHEET 3 OF 7



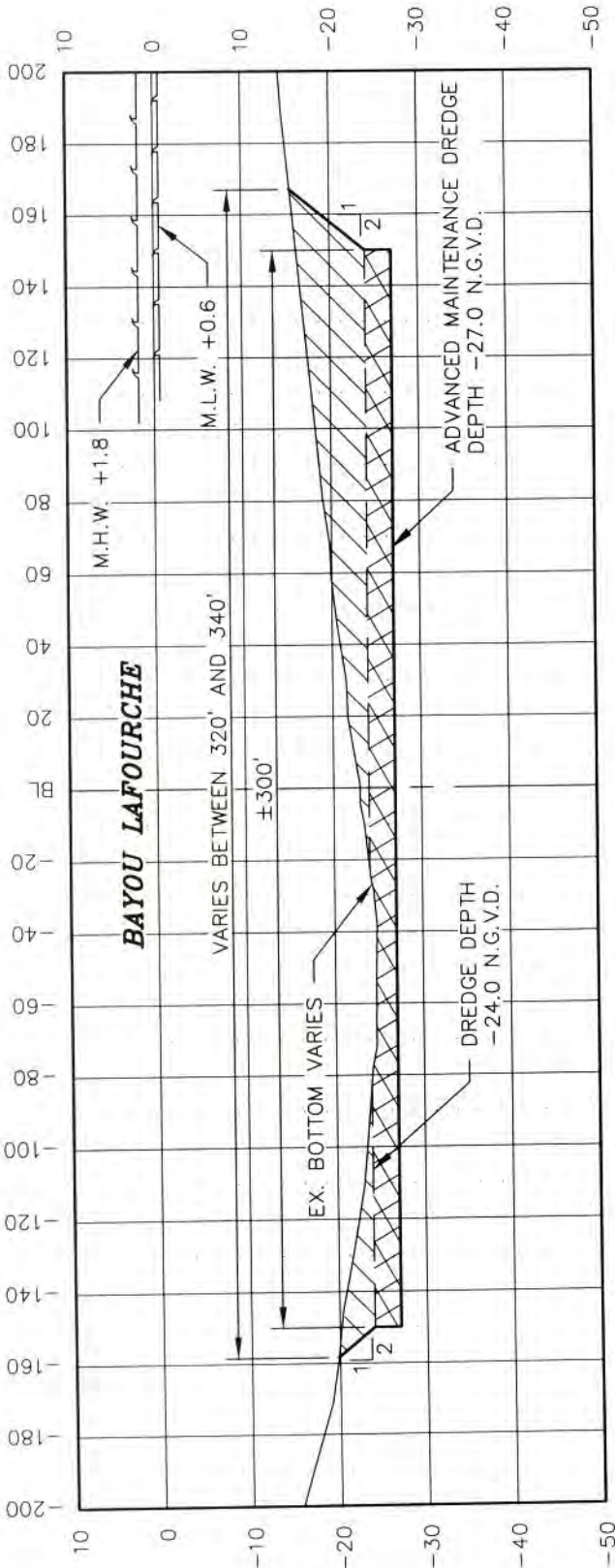
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SECTION "A"-"A"

SCALE: HORZ. 1"=50' VERT. 1"=20'

NOTE: EXISTING BOTTOM ELEVATIONS VARY BETWEEN -16.0' AND -25.0' WITHIN THE DREDGE FOOTPRINT SHOWN ON SHEET 3.

LEGEND:

DREDGE (EL. -24.0)

3' ADVANCE MAINTENANCE DREDGE (EL. -27.0)

NOTES:

1. MATERIAL GENERATED FROM THE DREDGING PROCESS SHALL BE BENEFICIALLY USED AS FILL MATERIAL FOR MARSH CREATION. (SEE SHEET 5 OF 5)
2. MATERIAL GENERATED DUE TO SILTATION IS APPROXIMATELY 75,000 CUBIC YARDS PER YEAR. TOTAL SILTATION AFTER A 5 YEAR PERIOD IS 375,000 CUBIC YARDS.
3. TOTAL ANTICIPATED DREDGE VOLUME OVER THE NEXT 5 YEARS ALONG THE BOTTOM OF BAYOU LAFOURCHE IS APPROXIMATELY 842,613 CUBIC YARDS.
4. TO MAINTAIN CONSISTENCY WITH USACE AUTHORIZATION TERMINOLOGY, THE ADDITIONAL 3' FROM -24' TO -27' IS DENOTED AS "ADVANCED MAINTENANCE."

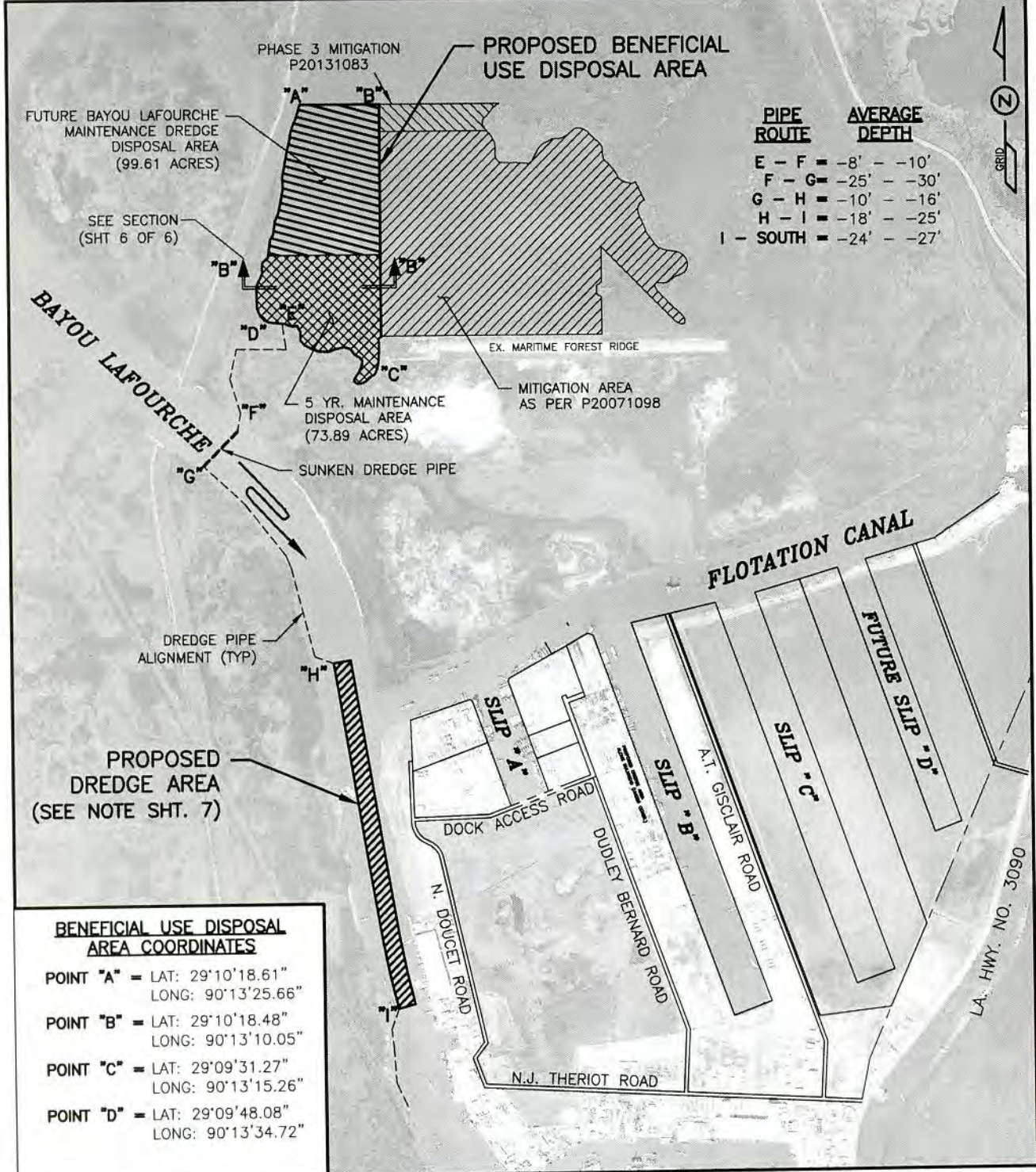
**DREDGE AREA (BAYOU LAFOURCHE)**

1,800,000 SQ. FT. OR 41.32 ACRES

**DREDGE VOLUME (BAYOU LAFOURCHE)**

±467,613 CU. YD. (INITIAL DREDGE)

±375,000 CU. YD. (MAINTENANCE DREDGE)

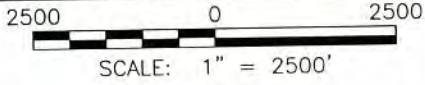


PIPE ROUTE	AVERAGE DEPTH
E - F	-8' - -10'
F - G	-25' - -30'
G - H	-10' - -16'
H - I	-18' - -25'
I - SOUTH	-24' - -27'

**BENEFICIAL USE DISPOSAL AREA COORDINATES**

POINT "A"	= LAT: 29°10'18.61"	LONG: 90°13'25.66"
POINT "B"	= LAT: 29°10'18.48"	LONG: 90°13'10.05"
POINT "C"	= LAT: 29°09'31.27"	LONG: 90°13'15.26"
POINT "D"	= LAT: 29°09'48.08"	LONG: 90°13'34.72"

**BENEFICIAL USE DREDGE MATERIAL AREA**



**WORK TO BE PERFORMED:** MAINTENANCE DREDGING  
**APPLIED BY:** GREATER LAFOURCHE PORT COMMISSION  
**AREA:** PORT FOURCHON, LA.  
 FILL AREA IS LOCATED IN SECTIONS 33, 28, 22 AND 27, T-22-S, R-22-E

**LEGEND:**  
 DREDGE MATERIAL DISPOSAL AREA FOR 5 YEAR PERIOD = ±73.89 ACRES TOTAL  
 FILL VOLUME = ±842,613 CU.YDS. TOTAL



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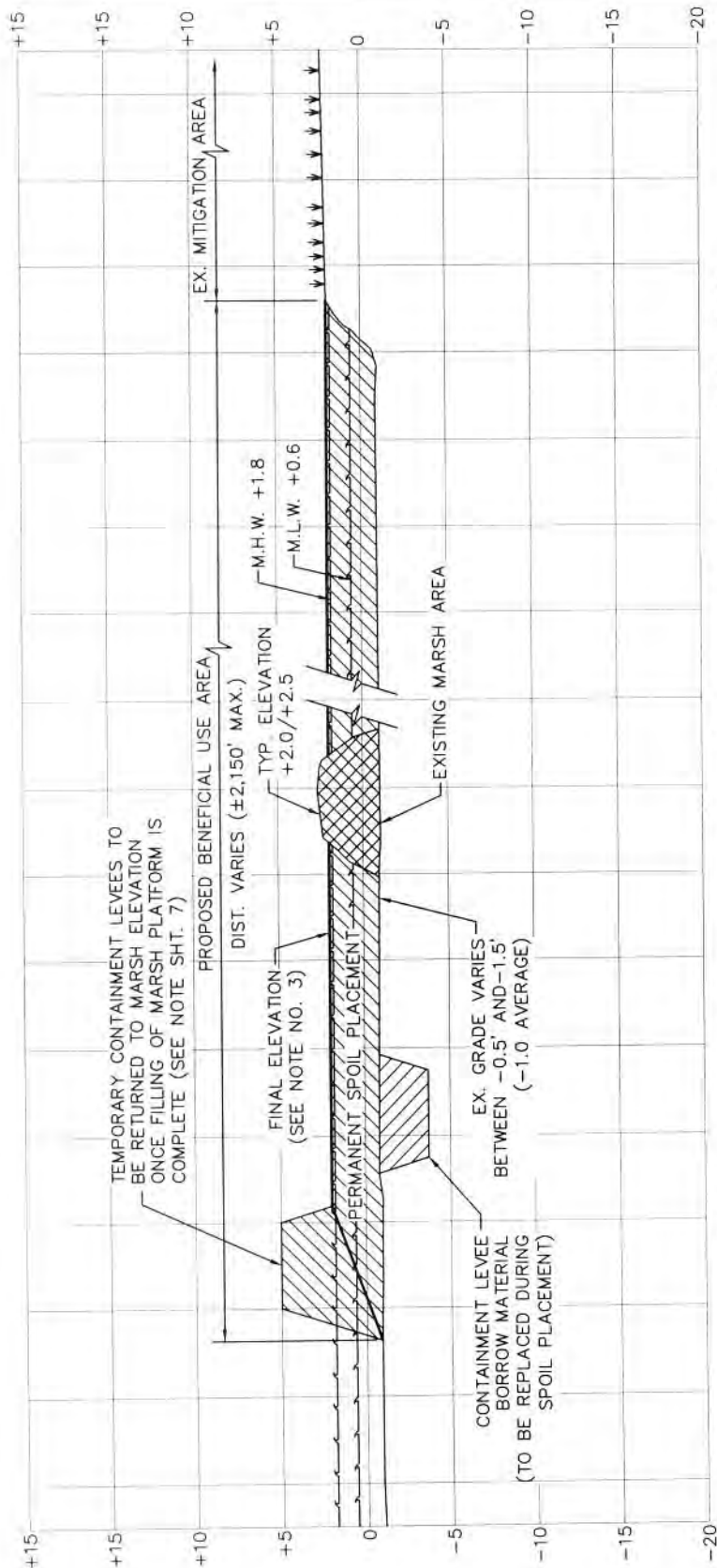
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SHEET 6 OF 7



## PROPOSED BENEFICIAL USE AREA - SECTION "B" - "B"

SCALE: HORZ. 1"=20' VERT. 1"=10'

**NOTES:**

1. MATERIAL GENERATED FROM THE DREDGING OF BAYOU LAFOURCHE SHALL BE BENEFICALLY USED FOR MARSH CREATION.
2. IN AN EFFORT TO OBTAIN OPTIMUM ELEVATIONS IN THE BENEFICIAL USE AREA THE FINAL FILL ELEVATIONS FOLLOWING COMPACTION AND CONSOLIDATION SHALL RANGE BETWEEN +1.5 FEET TO +2.0 FEET NGVD WITH NO FINAL ELEVATIONS TO EXCEED +2.5 FEET NGVD. NO MORE THAN 15% OF THE FINAL FILL AREA SHALL EXCEED +2.0 FEET NGVD. IF 15% OR MORE OF THE FINAL FILL AREA EXCEEDS +2.0 FEET NGVD THE PERMITEE SHALL TAKE WHATEVER STEPS NECESSARY TO COMPLY WITH THE 15% RESTRICTION CRITERIA.
3. TO ASSURE THE PLACEMENT OF SPOIL MATERIAL TO PROPER ELEVATIONS, SURVEY STAKES MARKED WITH THE TARGET ELEVATION (+1.5 TO +2.0 FEET NGVD) SHALL BE PLACED ON A 200-FOOT GRID THROUGHOUT THE FILL AREA. PLACEMENT OF DREDGE DISCHARGE PIPE WILL TAKE PLACE IN A MANNER TO ENSURE DISPOSED MATERIAL WILL FREELY FLOW AROUND EXISTING, EMERGENT MARSH WITHIN THE BENEFICIAL USE AREA.
4. A FULL TIME INSPECTOR WILL BE ON SITE TO ASSURE THE TARGET ELEVATION IS MET AND NOT EXCEEDED. BASED ON AS-BUILT SURVEYS ADDITIONAL WORK MAY BE REQUIRED, AT THE PERMITEE'S EXPENSE, TO OBTAIN APPROPRIATE ELEVATIONS WITHIN THE FILL AREA.
5. DREDGE MATERIAL WILL BE HYDRAULICALLY PUMPED TO DISPOSAL AREA. DISCHARGE PIPE DIAMETER WILL VARY BETWEEN 24" AND 30" DEPENDING ON THE CONTRACTOR. PIPE WILL BE FLOATED EXCEPT WHERE IT CROSSES BAYOU LAFOURCHE. PIPE WILL BE SUNK TO BOTTOM OF BAYOU LAFOURCHE TO ALLOW FOR BOAT TRAFFIC TO CROSS. LENGTH VARIES BETWEEN 6800' AND 17,000'. BASED ON PAST DREDGE PROJECTS IN PORT FOURCHON, WE ANTICIPATE DREDGING ACTIVITIES UNDER THIS PERMIT WILL INVOLVE DREDGE BARGES DRAFTING ROUGHLY 6'-8' MANEUVERED BY TUG BOATS DRAFTING ROUGHLY 5'.

**BENEFICIAL USE:**

±73.89 ACRES

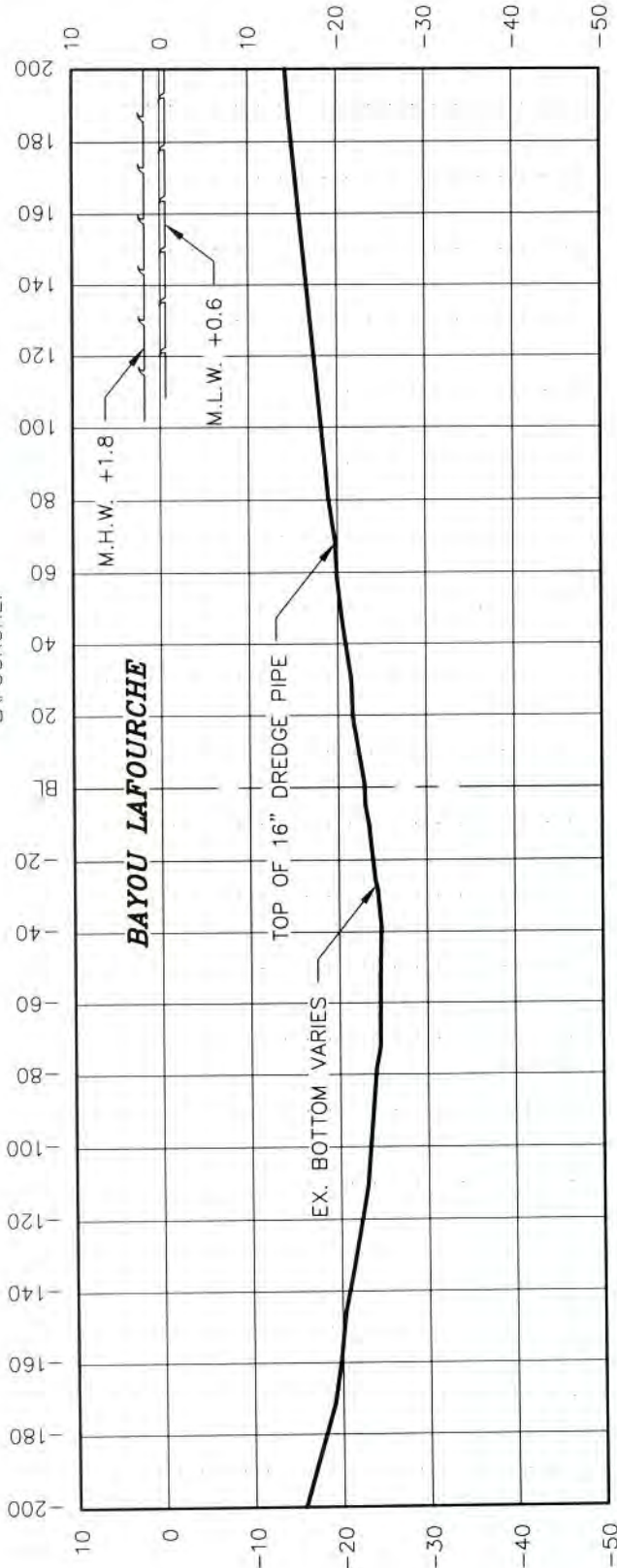
**TOTAL NATIVE DISPOSAL VOLUME FOR BENEFICIAL USE:**

±842,613 CU. YD.

**CONTAINMENT VOLUME:**

± 28,604 CU. YD.

**NOTE:**  
16" DREDGE PIPE WILL BE LOCATED ALONG BOTTOM OF BAYOU LAFOURCHE.



**DISCHARGE PIPE SECTION**  
SCALE: HORZ. 1"=50' VERT. 1"=20'

**CONTAINMENT NOTES:**

1. EASTERN EDGE OF CONTAINMENT COINCIDES WITH THAT PREVIOUSLY PERMITTED UNDER P20071098 (NE PHASE I) AND P20131083 (NE PHASE II, PENDING OCM APPROVAL).
2. CONTAINMENT WILL BE CONSTRUCTED USING A MARSH BUGGY EXCAVATOR DRAFTING ±4'. MARSH BUGGY EXCAVATOR WILL ACCESS PROJECT BY FLOATING IN THROUGH OPEN WATER AND WILL NOT TRACK ON MARSH.
3. BORROW AREA FOR CONTAINMENT WILL BE LOCATED ADJACENT TO CONTAINMENT. BORROW AREA WILL BE ±15' WIDE.

**DREDGE DEPTH NOTE:**

1. THE STRETCH OF BAYOU LAFOURCHE FROM MILE 3.4 (ie, THE SOUTHERN EXTREMITY OF THIS PROJECT) TO THE GULF OF MEXICO IS MAINTAINED AT DEPTHS VARYING FROM -24 NGVD TO -27 NGVD (-27 AND -30 NGVD, RESPECTIVELY, CONSIDERING ADVANCE MAINTENANCE) BY UNITED STATES ARMY CORPS OF ENGINEERS.



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