



REPLY TO  
ATTENTION OF:

DEPARTMENT OF THE ARMY  
U.S. ARMY ENGINEER DISTRICT, MOBILE DISTRICT  
P.O. BOX 2288  
MOBILE, ALABAMA 36628-0001

CESAM-RD-C-M

September 9, 2010

**JOINT PUBLIC NOTICE SAM-2010-01074-PAH  
U.S. ARMY CORPS OF ENGINEERS**

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY  
OFFICE OF POLLUTION CONTROL**

**MISSISSIPPI DEPARTMENT OF MARINE RESOURCES**

**MAINTENANCE DREDGING OF THE GULF LNG FACILITIES ON BAYOU CASOTTETHE  
PASCAGOULA RIVER, PASCAGOULA, JACKSON COUNTY, MISSISSIPPI**

TO WHOM IT MAY CONCERN:

This District has received an application for a Department of the Army permit pursuant to Section 10 of the River and Harbor Act of 1899 (33 USC 403) and Harbor Act of 1899 (33 USC 403). Please communicate this information to interested parties.

**APPLICANT: Jackson County Port Authority  
Post Office Box 70  
Pascagoula, Mississippi 39568-0070**

**LOCATION: In Bayou Casotte, Section 29, Township 8 South, Range 5 West, Pascagoula, Jackson County, Mississippi (Latitude 30.32131° North, Longitude 88.50821° West).**

**WORK DESCRIPTION: The applicant proposes to perform maintenance dredging along Bayou Cassotte at the Gulf LNG Terminal Facilities. The Gulf LNG facilities are located along the east bank of Bayou Casotte along the Mississippi Sound in Pascagoula.**

**The applicant's project would include maintenance dredging of the Gulf LNG terminal facilities. The Jackson County Port Authority has previously performed dredging under Department of the Army permit number SAM-2004-02484-DJS. The Port is requesting to continue long-term maintenance dredging.**

**The proposed maintenance dredging would initially remove 400,000 cubic yards (CY) of accumulated silts and then remove approximately 200,000 CY every 36 thereafter. The applicant proposes to hydraulically dredge and pump the material to the adjacent Bayou Casotte Dredged Material Management Site (BCSMMS). The BCMMS site is located to the north of the proposed project and is an existing highly managed dredged material containment area.**

**The applicant is requesting a 10-year authorization for this permit.**

**PROJECT PURPOSE AND NEED:** The proposed activity is for on-going maintenance dredging of accumulated silt water bottom material. The area to be dredged has been part of a regular Jackson County Port Authority maintenance operation. The primary business activity of the site is to provide/increase a diversity of the sources of energy consumed in the United States and to provide additional sources of natural gas to replace diminishing United States reserves.

**ALTERNATIVES:** The dredging project as proposed is required in the requested location to support continuing private and public port operations and long term economic growth of Jackson County and the Port.

**STATE WATER QUALITY PERMIT:** The applicant has applied for certification from the State of Mississippi in accordance with Section 401(a)(1) of the Clean Water Act and upon completion of the required advertising, a determination relative to certification will be made.

**COASTAL ZONE MANAGEMENT:** The applicant has applied for certification from the State that the proposed activity complies with and will be conducted in a manner that is consistent with the State Coastal Zone Management Program. A determination relative to consistency will be made by the Mississippi Department of Marine Resources.

**ENDANGERED SPECIES:** The U.S. Fish and Wildlife Service (FWS) lists 18 endangered, threatened or candidate species as occurring or potentially occurring in Jackson County. The Gulf sturgeon (*Acipenser oxyrinchus*) is listed as threatened and the Brown pelican (*Pelecanus occidentalis*) is listed as endangered. Based upon preliminary review of this application, the U.S. Department of the Interior's list of Endangered and Threatened Wildlife and Plants and a FWS letter dated April 26, 2006, a preliminary determination has been made that these activities designated for the project site is not likely to adversely affect the brown pelican. Notification to the FWS will be furnished via this Public Notice.

The Mobile District has determined that the proposed action would not adversely impact Essential Fish Habitat or associated fisheries managed by the Gulf of Mexico Fishery Management Council or the National Marine Fisheries Service.

**HISTORIC PROPERTIES:** In accordance with Section 106 of the National Historic Preservation Act and Appendix C of 33 CFR 325, the undertaking defined in this notice is being considered for the potential to effect cultural and historic properties within the permit area. Although the extent of federal control and responsibility for these considerations are confined to the limits of the permit area for this particular project, the potential indirect effects that may occur to historic properties as a result of this undertaking are also being considered. We are seeking comment from the State Historic Preservation Officer, Federally-recognized American Indian tribes, local historical societies, museums, universities, the National Park Service and concerned citizens regarding the existence or the potential for existence of significant cultural and historic properties within the permit area.

Historic architectural or archaeological investigations may be necessary to ascertain the existence of such resources. Efforts will be made through the consultation process to avoid, minimize or mitigate any adverse effects to significant cultural and historic properties that may occur as a result of this undertaking. The district engineer remains the final decision authority.

**COMMENTS:** This public notice is being distributed to all known interested persons in order to assist in developing facts on which a decision by the U.S. Army Corps of Engineers (Corps) can be based. For accuracy and completeness of the record, all data in support of or in opposition to the proposed work should be submitted in writing setting forth sufficient detail to furnish a clear understanding of the reasons for support or opposition. The decision whether to issue a permit will be based on an evaluation of the probable impact, 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, cultural values, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and in general, the needs and welfare of the people.

The Corps 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 Corps to determine whether to issue, 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 the 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.

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.

Evaluation of the probable impacts involving deposits of dredged or fill material into waters of the United States will include the application of guidelines established by the Administrator of the U.S. Environmental Protection Agency.

Correspondence concerning this Public Notice should refer to Public Notice Number **SAM-2010-01074-PAH** and should be directed to the District Engineer, U.S. Army Engineer District, Mobile, Post Office Box 2288, Mobile, Alabama 36628-0001, Attention: Coastal Branch, with a copy to the Mississippi Department of Environmental Quality, Office of Pollution Control, Attention: Ms. Florance Watson, P.E., Post Office Box 2261, Jackson, Mississippi 39289, and the Mississippi Department of Marine Resources, Attention: Maintenance Dredging Gulf LNG, 1141 Bayview Avenue, Suite 101, Biloxi, Mississippi 39530, in time to be received within **30 days** of the date of this public notice.

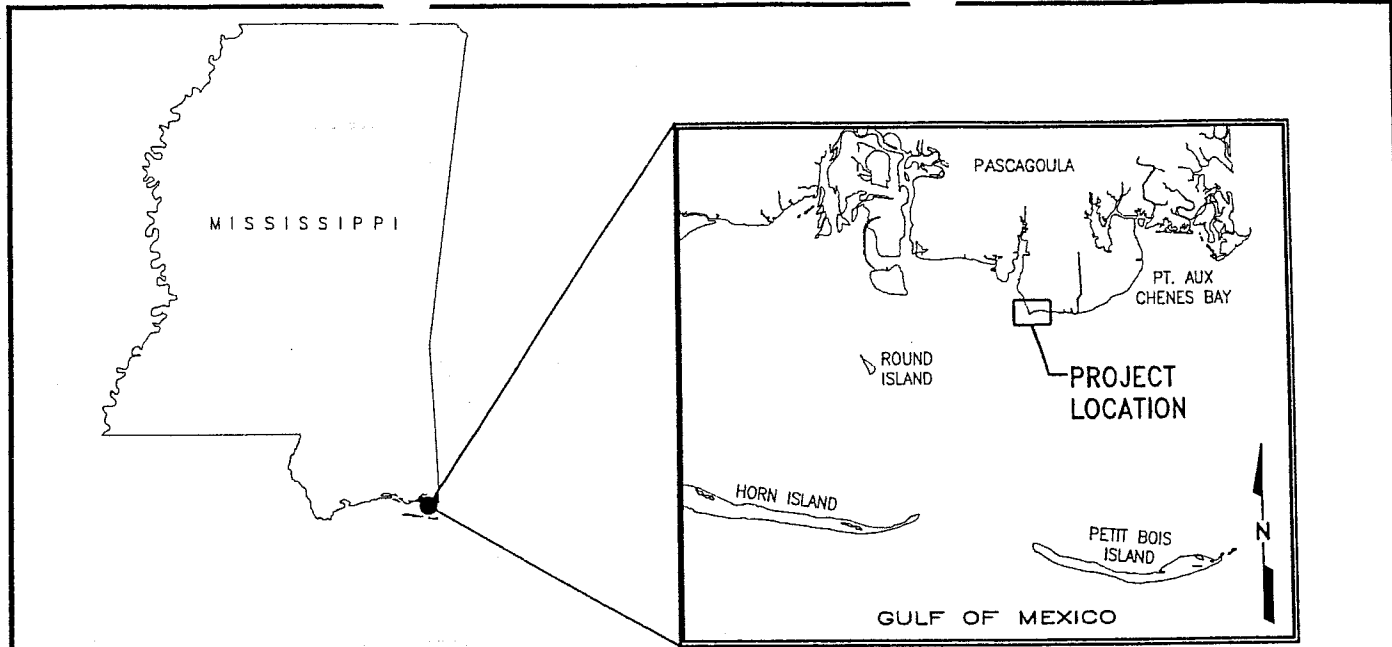
Comments should be received no later than **30 days** from the date of this Public notice.

If you have any questions concerning this publication, you may contact the project manager via e-mail at [philip.a.hegji@usace.army.mil](mailto:philip.a.hegji@usace.army.mil) or phone **(251) 690-3222**. Please refer to the above Public Notice number.

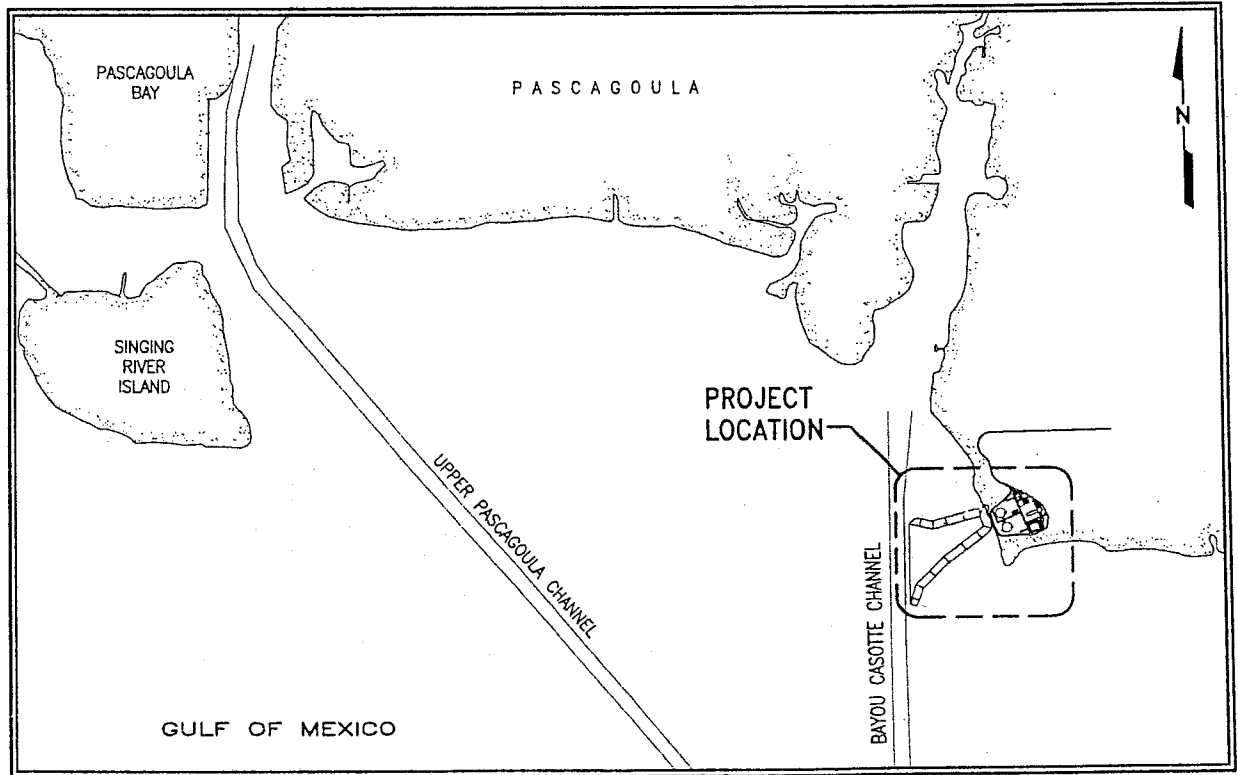
For additional information about our Regulatory Program, please visit our web site at: [www.sam.usace.army.mil/rd/reg](http://www.sam.usace.army.mil/rd/reg) and please take a moment to complete our customer satisfaction survey while you're there. Your responses are appreciated and will allow us to improve our services.

Encls

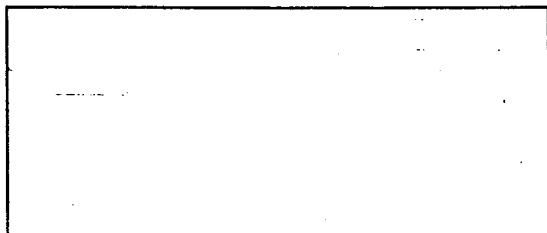
MOBILE DISTRICT  
U.S. Army Corps of Engineer



VICINITY MAP



LOCATION MAP



TYPICAL REFERENCE SYMBOL

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Applicant Name:	_____
Sheet	_____ of _____

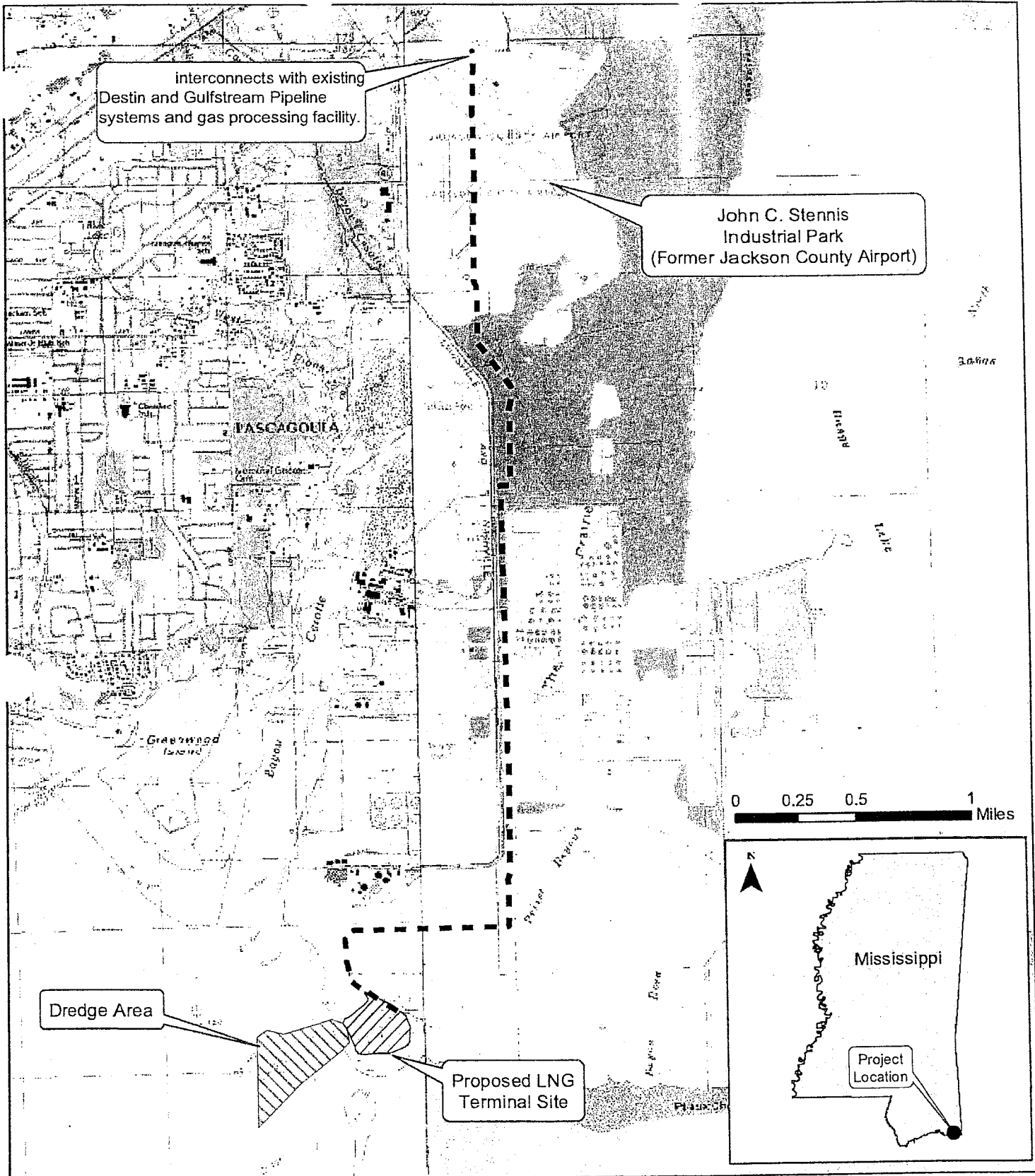
APPLICANT: \_\_\_\_\_

COUNTY: JACKSON

DATUM: NAD 83/NAVD 88

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Figure 2: GING Facility Location Map



Dredge Area

Proposed LNG Terminal Site

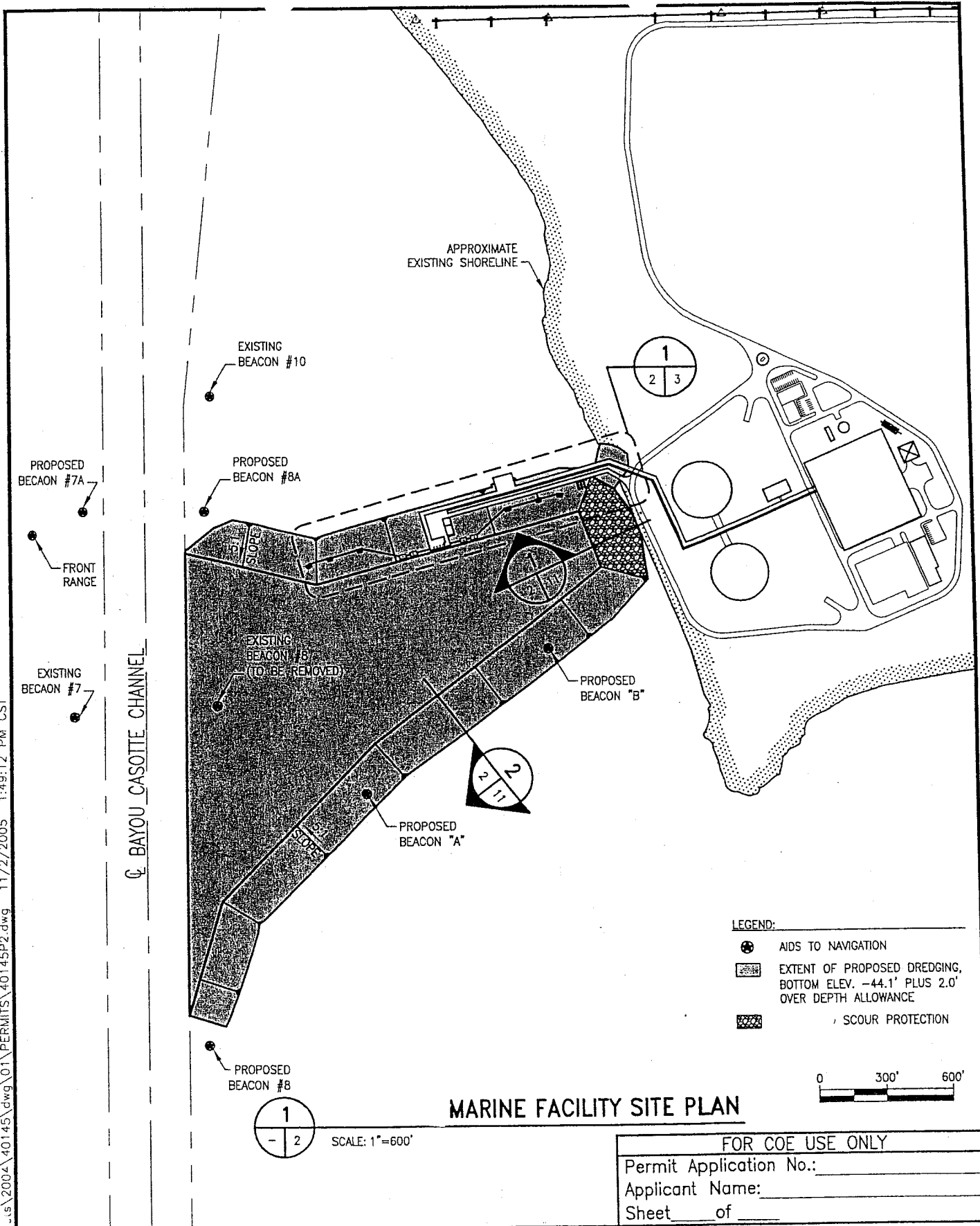
- Sendout Pipe
- ▨ LNG Terminal Site (Approximate Boundary)
- ▨ Dredge Area

0 0.25 0.5 1 Miles



Figure 1  
Project Location Map  
Gulf LNG Energy LLC  
LNG Clean Energy Project

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**MARINE FACILITY SITE PLAN**

SCALE: 1"=600'

- LEGEND:**
- AIDS TO NAVIGATION
  - EXTENT OF PROPOSED DREDGING, BOTTOM ELEV. -44.1' PLUS 2.0' OVER DEPTH ALLOWANCE
  - SCOUR PROTECTION

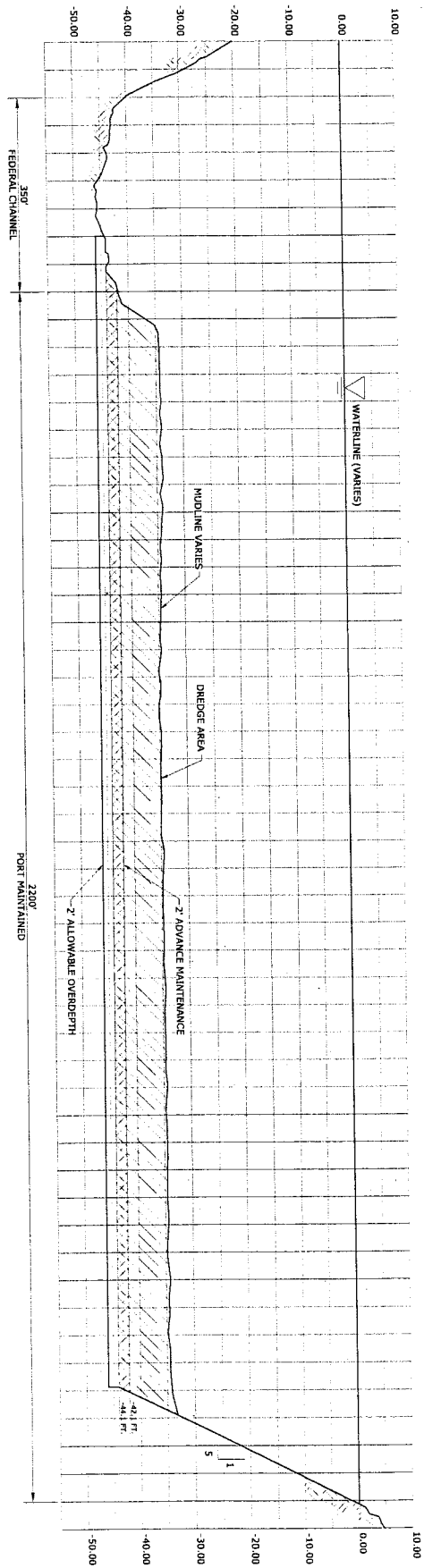
0 300' 600'

APPLICANT:		
COUNTY: JACKSON		
DATE: 09/05	REV. DATE: 09/05	DATUM: NAD 83/NAVD 88

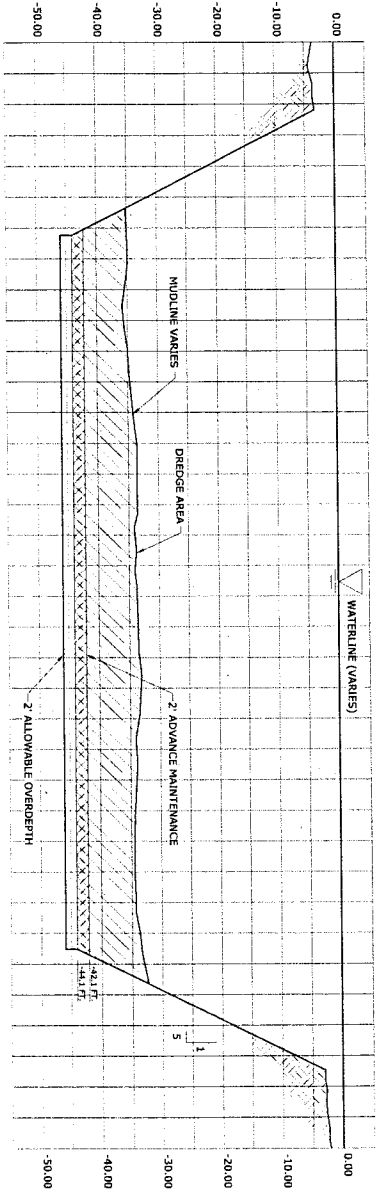
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Applicant Name:	_____
Sheet _____ of _____	_____

Figure 3. GLNG Facility Dredging Limits

PROFESSIONAL ENGINEER'S SEAL AND SIGNATURE REQUIRED ON THIS DRAWING. THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF COMPTON ENGINEERING, P.A. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF COMPTON ENGINEERING, P.A.



**1 SECTION**  
SCALE: HORIZ. 1" = 20'  
VERT. 1" = 20'



**2 SECTION**  
SCALE: HORIZ. 1" = 20'  
VERT. 1" = 20'

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SHEET 8 OF 45

<p>GRAPHIC SCALES</p> <p>BAR SCALE: 1" = 20'</p> <p>VERT. SCALE: 1" = 20'</p>	<p>SCALE: AS NOTED</p> <p>JOB NO.: 1000000000</p> <p>DATE: AUGUST 2010</p> <p>DSGN.: R. L. MCGEE</p> <p>DWG. BY: ADD</p> <p>CHK.: R. L. MCGEE</p> <p>APVD.: R. L. MCGEE</p>
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**JACKSON COUNTY PORT AUTHORITY  
MAINTENANCE DREDGING**

**FIGURE 8  
CROSS SECTIONS**



**COMPTON ENGINEERING, INC.**  
Engineering, Surveying, and Environmental Services  
1706 Convent Avenue  
Pascagoula, Mississippi 39567  
Phone: (228) 762-3970 Fax: (228) 769-9079  
E-mail: compton@comptonengineering.com

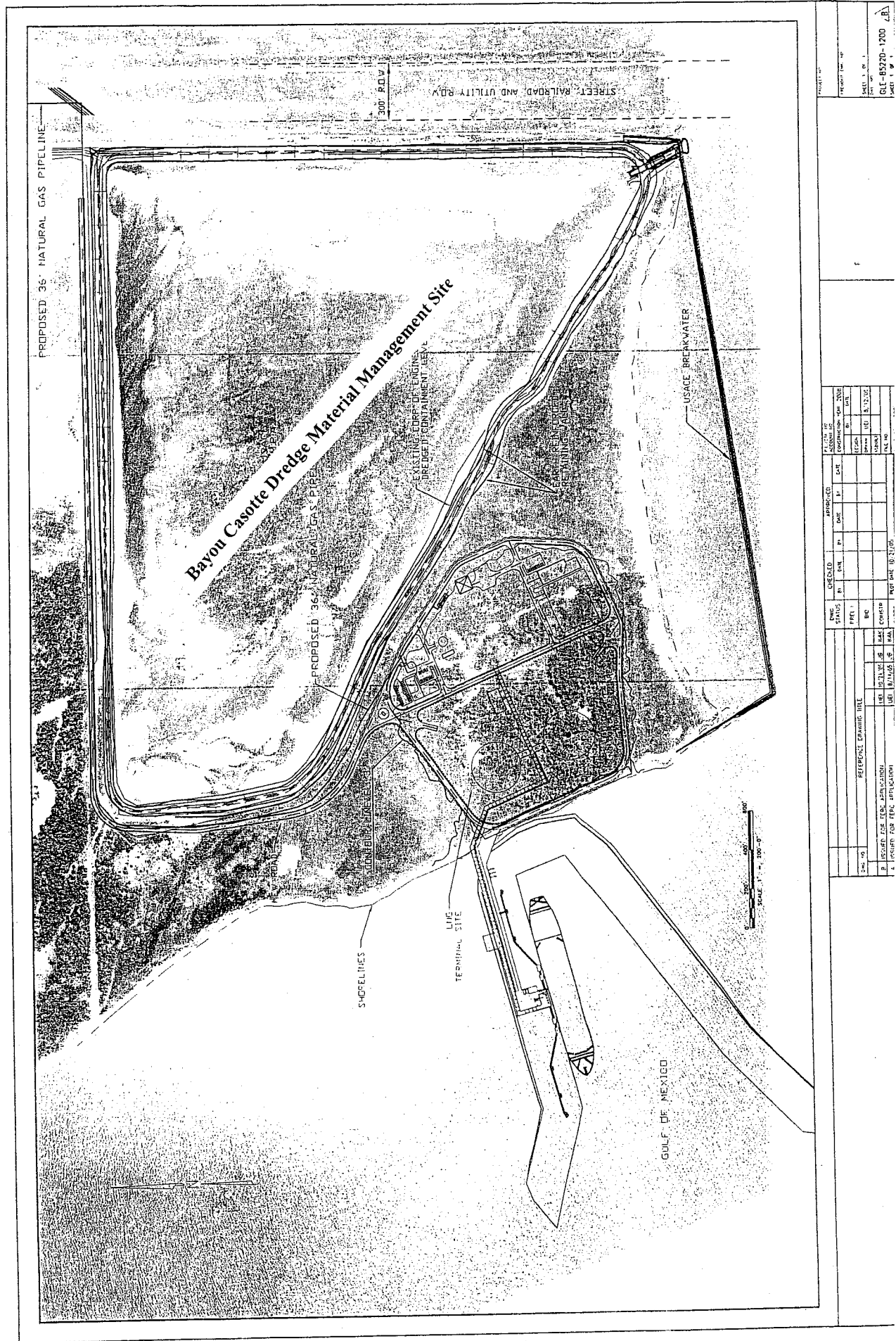


Figure 4: Bayou Casotte Dredge Material Management Site Location

NO.	DATE	BY	CHECKED	APPROVED	PLANS OF	
					CONSTRUCTION	DATE
1	10/1/00	J. L. ...				...
2	...	...				...

NO.	DATE	BY	CHECKED	APPROVED
1	10/1/00	J. L. ...		
2	...	...		

Figure 5: Bayou Casotte Dredge Material Management Site Layout

