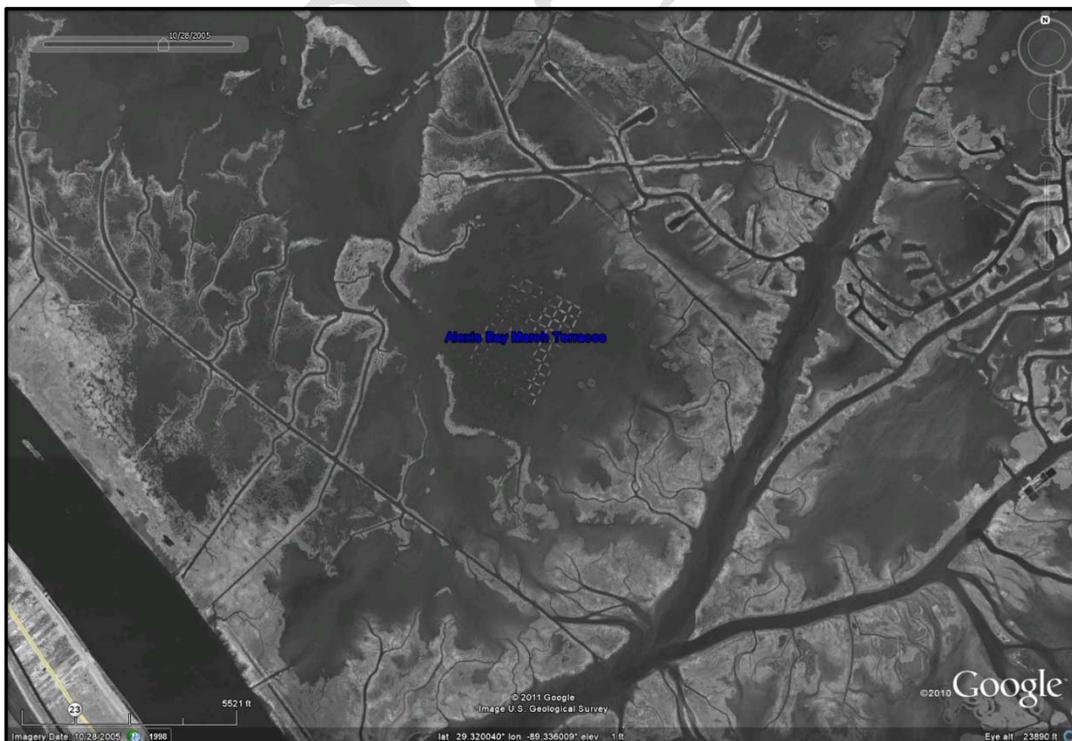


Appendix A
Site Photographs

DRAFT



Photograph Plate 1 - January 27, 2004, Prior to Hurricane Katrina (Google Earth, 2011)



Photograph Plate 2 - October 28, 2005, Two Months after Hurricane Katrina (Google Earth, 2011)



Photograph Plate 3 - March 5, 2006 (Google Earth, 2011)



Photograph Plate 4 - July 27, 2007, (Google Earth, 2011)

Appendix B
Agency Correspondence

DRAFT

October 30, 2009

MEMORANDUM TO: See Distribution

SUBJECT: Scoping Notification/Solicitation of Views

To Whom It May Concern:

The Department of Homeland Security's Federal Emergency Management Agency (FEMA) is mandated by the U.S. Congress to administer Federal disaster assistance pursuant to the Robert T. Stafford Disaster Relief and Emergency Assistance Act (Stafford Act), PL 93-288, as amended. The Stafford Act describes the declaration process, the types and extent of assistance that may be provided, and fundamental eligibility requirements. FEMA seeks cooperation with special consideration issues including floodplain and wetland management and compliance with other Federal laws and regulations, such as those pertaining to protection of the environment and historic preservation.

The attached scope of work and maps correspond to a proposed project for which FEMA Federal grant funding has been requested. The grant applicant, Plaquemines Parish, proposes to: reconstruct/relocate destroyed marsh terraces located in Alexis Bay on the east bank of the Mississippi River; these marsh terraces were constructed in 2005 to provide for wetland restoration and coastal protection (see attached damage description and scope of work).

To ensure compliance with the National Environmental Policy Act (NEPA) and other applicable Federal laws and regulations, FEMA will be preparing an Environmental Assessment (EA) document. The NEPA provides a specific planning process that Federal agencies must follow before funding a project. To assist preparation of the EA, FEMA requests that your office review the attachment for an assessment regarding interagency requirements for formal consultation, regulatory permits, or authorizations.

Please respond within 15 calendar days of the date of this scoping notification. If our office receives no comments at the close of this period, FEMA will assume that your agency will not provide comment and will not express objections to the proposed project.

Comments may be faxed to (504) 762 - 2527 or emailed to John.Renne@associates.dhs.gov. Additionally, responses, comments, or concerns may be mailed to the attention of the Environmental Section Lead, at the following address:

Tiffany Spann, Section Lead
Environmental Section, 17th Floor
Federal Emergency Management Agency
1250 Poydras Street
New Orleans, Louisiana 70113

For questions regarding this matter, please contact John Renne' at (504) 762 - 2356.

Distribution: Louisiana Department of Environmental Quality, U.S. Environmental Protection Agency, National Oceanic and Atmospheric Administration - National Marine Fisheries Service, U.S. Army Corps of Engineers, Louisiana Department of Wildlife and Fisheries, and U.S. Fish and Wildlife Service

Plaquemines Parish Alexis Bay Marsh Terracing Project Reconstruction/Change of Location

Damage Description

Plaquemines Parish Alexis Bay Marsh Terraces

On August 29, 2005, Hurricane Katrina caused extensive damage in the state of Louisiana, which resulted in a presidentially declared major disaster, FEMA-1603-DR-LA. High winds, wind driven rain, and storm surge generated by the hurricane damaged the Plaquemines Parish Baptiste Collette Bayou - Alexis Bay Marsh Terracing Project, a wetland/marsh restoration project undertaken with U.S. Department of Interior Minerals Management Service Coastal Impact Assistance Program (CIAP) federal grant funds. Marsh terracing is a restoration technique in which a series of ridges are constructed to marsh elevation in shallow coastal ponds or bay bottoms. The Alexis Bay constructed earthen terraces were created to induce stagnation and sedimentation by reducing tidal flush effects, thereby creating tidal marsh edge and promoting marsh expansion (Plaquemines Parish, 2009).

The Alexis Bay Marsh Terraces were constructed in 2005 as a system of 157 earthen tidal terraces created from adjacent sediment in a pattern of open-cornered squares covering an area of approximately 130 acres (including terraces and adjacent borrow areas) centered in a section of open water in Alexis Bay (Figure X). Each terrace was designed to be 185 feet (ft) long by 45 ft wide by 2.5 ft high (above mean sea level) and planted with containers of spartine alterniflora (Plaquemines Parish, 2009).

Scope of Work

Plaquemines Parish has determined that 141 earthen tidal terraces were destroyed and that a total of 1,000 of the spartine alterniflora containers were blown away. The Parish seeks FEMA federal grant funding to leave the destroyed terraces in place as is and reconstruct the 141 destroyed terraces to predisaster condition in a favored new location adjacent to the existing terraces within Alexis Bay. In typical marsh restoration terracing, nearby sediment material is excavated from the water bottom and placed into ridges therein creating terraces bordering the excavation. The Parish has determined there is no longer sufficient sediment material to reconstruct the terraces in the existing location, thereby necessitating the proposed change of location (Figure X).

The Parish Board is requesting approval and Federal grant funding to reconstruct the destroyed facilities at the new location to current codes and standards and in compliance with relevant local floodplain ordinances and development permit(s). According to the Parish, the new location would provide an overall better approach than reconstruction in the current location. The requested change of location does not propose to change the basic function, size, or capacity of either facility.

To assist the project review, please find the following attachments (Full version documents attached to transmittal):

Figure 1 – Site Location Map

Figure 2 – U.S. Geological Survey Topographic Quadrangle Map – Venice 1:24,000

Figure 3 – Aerial Photograph (showing site layout and nearby land uses)

Figure 4 – Preliminary Digital FIRM Panel 22 023C 0700 H (March 28, 2008)

Figure 5 – U. S. Fish and Wildlife Service National Wetlands Inventory Map

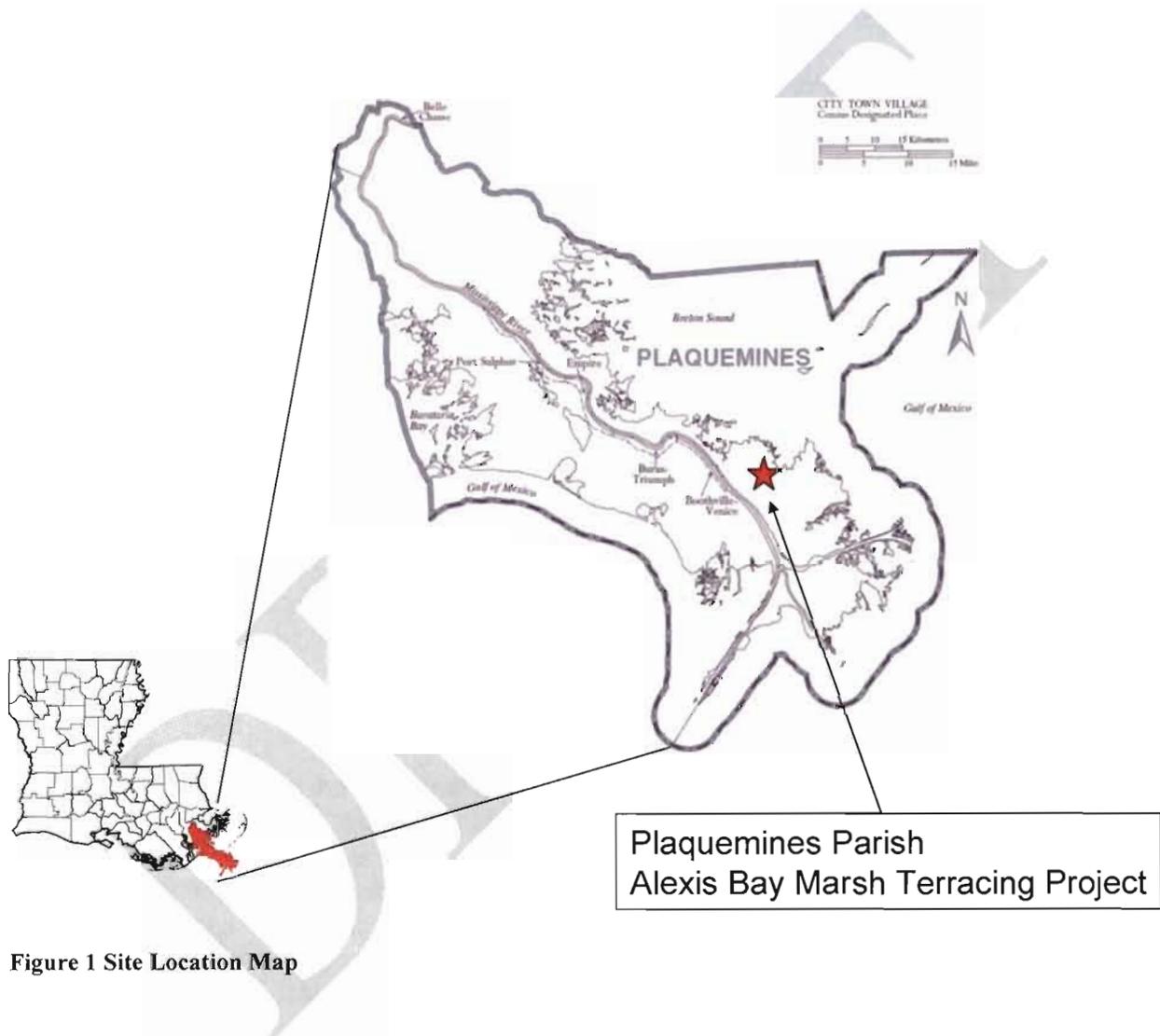


Figure 1 Site Location Map

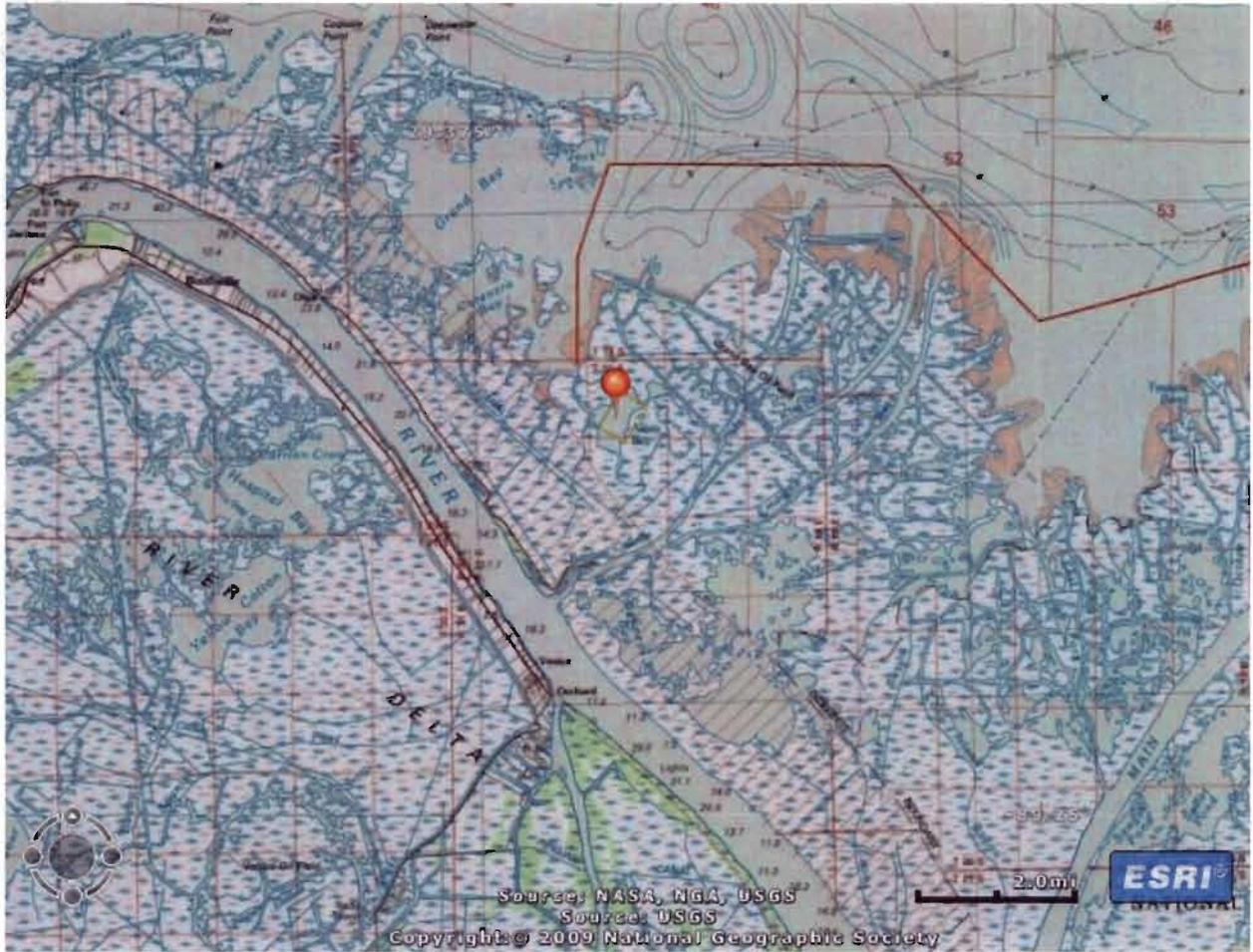


Figure 2 U.S. Geological Survey Topographic Quadrangle

DKR

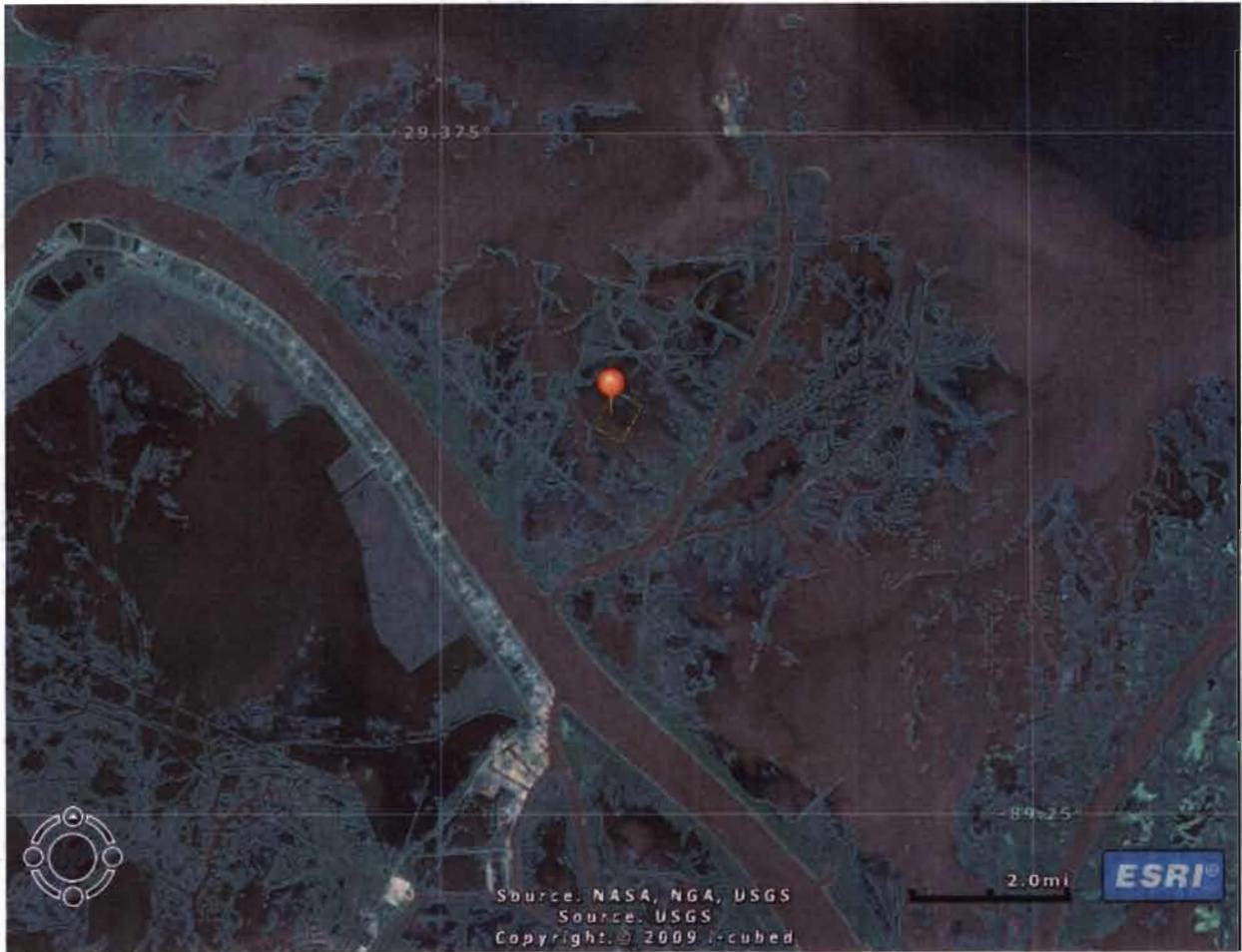


Figure 3 Aerial Photograph and Nearby Land Use

DKR

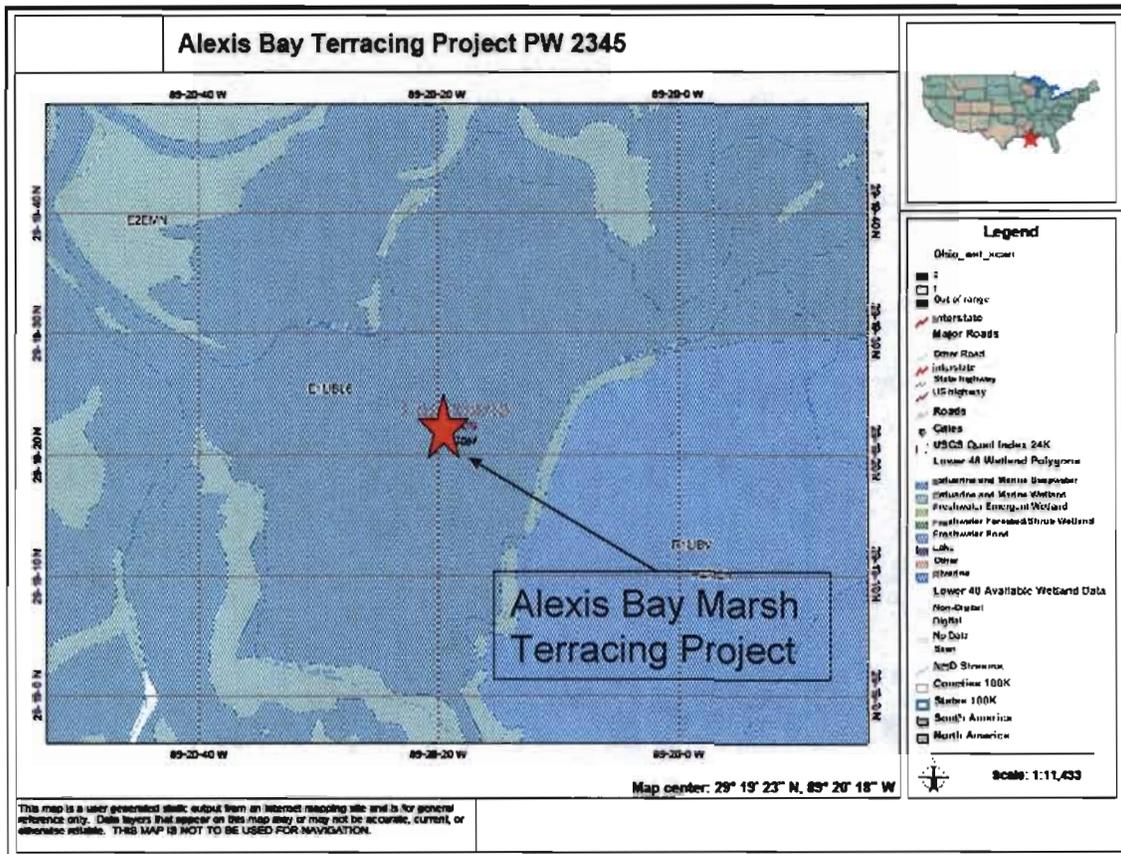


Figure 5 U.S. Fish and Wildlife Service National Wetland Inventory Units

DRAFT

Renne, John (CTR)

From: Renne, John (CTR)
Sent: Wednesday, September 07, 2011 11:13
To: 'beth.dixon@la.gov'; 'amy.e.powell@usace.army.mil'; 'mick.tamara@epamail.epa.gov'; 'cmichon@wlf.la.gov'; 'richard.hartman@noaa.gov'; 'deborah_fuller@fws.gov'; 'karl.morgan@la.gov'; 'Amy_Trahan@fws.gov'
Subject: Solicitation of Views - Alexis Bay Marsh Terracing Project - FEMA Federal Public Assistance Grant Application - NEPA Environmental Assessment
Attachments: Damage and Scope Description.doc; Scoping Notification Sept 2011.docx

Stakeholders:

FEMA has previously submitted a Solicitation of Views for the Alexis Bay Marsh Terracing project, a federal grant funded Public Assistance project to replace a damaged wetland restoration site in a new location adjacent to its original location in Alexis Bay (see attached Scope of Work). The damaged original project had been constructed with federal grant funds from the Coastal Impact Assistance Program.

This project has been on hold for greater than a year to sort through an eligibility issue (this project had been denied eligibility previously but has now been approved for funding based upon the results of an appeal decision).

Due to the length of time passed, FEMA would like to re-solicit the views of your agency. In order to complete the required reviews and consultations, FEMA is requesting your review and comment on the proposed action. FEMA is currently developing an Environmental Assessment to meet the NEPA review requirements.

Thanks for your support on this project.

John

John Renne (CTR)
NISTAC, Contractor
Federal Emergency Management Agency
1 Seine Court
New Orleans, LA 70114
(504) 762-2356 (Desk)
(504) 762-2323 (fax) – optional
E-mail: John.Renne@associates.dhs.gov



DEPARTMENT OF THE ARMY
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS
P. O. BOX 60267
NEW ORLEANS, LOUISIANA 701600267

REPLY TO
ATTENTION OF

OCT 31 2011

Operations Division
Operations Manager,
Completed Works

Mr. John Renne (CTR)
NISTAC, Contractor
Federal Emergency Management Agency
1 Seine Court
New Orleans, Louisiana 70114

Dear Mr. Renne:

This is in response to your Solicitation of Views request dated September 7, 2011, concerning the Alexis Bay Marsh Terracing in Plaquemines Parish, Louisiana.

We have reviewed your request for potential Department of the Army regulatory requirements and impacts on any Department of the Army projects.

We do not anticipate any adverse impacts to any Corps of Engineers projects.

Based on review of recent maps, aerial photography, and soils data, we have determined that this property is a wetland and subject to Corps of Engineers' jurisdiction. A Department of the Army (DA) permit under Section 404 of the Clean Water Act will be required prior to the deposition or redistribution of dredged or fill material into this wetland. This wetland is also tidal and, along with Alexis Bay, is subject to Corps' jurisdiction under Section 10 of the Rivers and Harbors Act. A DA Section 10 permit will be required prior to any work in this waterway or the tidal wetland.

Please be advised that this property is in the Louisiana Coastal Zone. For additional information regarding coastal use permit requirements, contact Ms. Christine Charrier, Coastal Management Division, Louisiana Department of Natural Resources at (225) 342 7953.

You are advised that this approved jurisdictional determination is valid for a period of 5 years from the date of this letter unless new information warrants revision prior to the expiration date or the District Commander has identified, after public notice and comment, that specific geographic areas with rapidly changing environmental conditions merit re-verification on a more frequent basis.

Off-site locations of activities such as borrow, disposals, haul-and detour-roads and work mobilization site developments may be subject to Department of the Army regulatory requirements and may have an impact on a Department of the Army project.

You should apply for said permit well in advance of the work to be performed. The application should include sufficiently detailed maps, drawings, photographs, and descriptive text for accurate evaluation of the proposal.

Please contact Mr. Robert Heffner, of our Regulatory Branch by telephone at (504) 862-1288, or by e-mail at Robert.A.Heffner@usace.army.mil for questions concerning wetlands determinations or need for on-site evaluations. Questions concerning regulatory permit requirements may be addressed to Mr. Michael V. Farabee by telephone at (504) 862-2292 or by e-mail at Michael.V.Farabee@usace.army.mil.

Future correspondence concerning this matter should reference our account number MVN-2011-02567-SG. This will allow us to more easily locate records of previous correspondence, and thus provide a quicker response.

Sincerely,



Karen L. Oberlies
Solicitation of Views Manager

Copy Furnished:

Ms. Christine Charrier
Coastal Zone Management
Department of Natural Resources
Post Office Box 44487
Baton Rouge, Louisiana 70804-4487

Renne, John (CTR)

From: Synthia Marcelin [Synthia.Marcelin@LA.GOV]
Sent: Tuesday, October 11, 2011 10:53
To: 'Renne, John (CTR)'
Cc: Clay Carter
Subject: RE: FEMA Environmental Assessment for Public Assistance Grant to Plaquemines Parish
Attachments: image001.png; RULES.doc; Permit Form B.doc

Hi John,

Based upon the information provided in your plats submitted via email this day, our office would require that you obtain a Class B Permit in order to conduct your proposed project.

I have attached a copy of our State Land Office Rules and Regulations to Implement Act 645 of 1978, and a copy of our State Land Office Class B Permit Application. Application procedures for Class B Permits are contained in the Rules and Regulations on pages 6 thru 9.

Should you have any questions, or if I may be of further assistance, feel free to contact me at (225) 342-0120.

Sincerely,

From: Renne, John (CTR) [<mailto:John.Renne@associates.dhs.gov>]
Sent: Tuesday, October 11, 2011 10:06 AM
To: Synthia Marcelin
Subject: RE: FEMA Environmental Assessment for Public Assistance Grant to Plaquemines Parish

I've attached a scan of the set of plans that was provided.

Let me know what you can and I'll incorporate into the report.

Thanks,

John

John Renne (CTR)
NISTAC, Contractor
Federal Emergency Management Agency
1 Seine Court
New Orleans, LA 70114
(504) 762-2356 (Desk)
(504) 762-2323 (fax)
E-mail: John.Renne@associates.dhs.gov

From: Synthia Marcelin [<mailto:Synthia.Marcelin@LA.GOV>]
Sent: Friday, October 07, 2011 1:11 PM
To: 'Renne, John (CTR)'
Subject: RE: FEMA Environmental Assessment for Public Assistance Grant to Plaquemines Parish

John,

Before we are able to determine whether or not this project will require a permit from the State Land Office, please provide me with the applicant's name and some detailed drawings for the water control structure to be installed?

Thanks,

Synthia

From: Renne, John (CTR) [<mailto:John.Renne@associates.dhs.gov>]

Sent: Friday, October 07, 2011 11:31 AM

To: Synthia Marcelin

Subject: RE: FEMA Environmental Assessment for Public Assistance Grant to Plaquemines Parish

This is the closest section I can find. The site is the "hatched" looking area under the words Alexis Bay. The relocation will encompass an area of the same size adjacent to the northeast.



Section S34 T19S R18E
Meridian St. Helena
State Louisiana
Source [USFS](#)

Calculated Values
Acres 193
Centroid 29.3365136, -89.3342581
Corners SE29.3335893, -89.3286984

Quarters This section has 0 quarter/quarters plotted.

For illustration only. User to verify all information. www.earthpoint.us

Image U.S. Geological Survey
Image © 2011 DigitalGlobe
© 2011 Google
Image USDA Farm Service Agency

John Renne (CTR)
NISTAC, Contractor
Federal Emergency Management Agency
1 Seine Court
New Orleans, LA 70114
(504) 762-2356 (Desk)
(504) 762-2323 (fax)
E-mail: John.Renne@associates.dhs.gov

From: Synthia Marcelin [<mailto:Synthia.Marcelin@LA.GOV>]
Sent: Friday, October 07, 2011 11:21 AM
To: 'Renne, John (CTR)'
Subject: RE: FEMA Environmental Assessment for Public Assistance Grant to Plaquemines Parish

John,

Do you have a Section, Township and Range for the location in questions?

From: Renne, John (CTR) [<mailto:John.Renne@associates.dhs.gov>]
Sent: Friday, October 07, 2011 11:15 AM
To: Synthia Marcelin
Subject: FEMA Environmental Assessment for Public Assistance Grant to Plaquemines Parish

I'm currently developing a National Environmental Policy Act (NEPA) Environmental Assessment (EA) for a proposed action to replace and relocate a water control structure (marsh terraces) damaged by hurricane Katrina in Alexis Bay north of Baptiste Collete Bayou in southeast Plaquemines Parish. The Parish is seeking federal grant funding to relocate the Marsh Terracing project to an area adjacent to the current location of the facility.

The area identified for the action is shown on the Division of Administration GIS system as being "State Claimed Water Bodies".

The report will discuss property land use, water bottoms, ownership, and permit needs. As such, I'd appreciate any information you could provide that would assist with my discussion of the current state ownership status of the proposed action and the need for permits from your Division, if any.

The site is centered in Alexis Bay, at latitude 29.31917 longitude -89.32917.

Please let me know what you can. I'd be much obliged.

John

John Renne (CTR)
NISTAC, Contractor
Federal Emergency Management Agency
1 Seine Court
New Orleans, LA 70114
(504) 762-2356 (Desk)
(504) 762-2323 (fax)
E-mail: John.Renne@associates.dhs.gov

**STATE OF LOUISIANA
RULES AND REGULATIONS**

**TO IMPLEMENT
ACT 645 OF 1978**

STATE WATER BOTTOM MANAGEMENT

**(As defined in L.R.S. 41:1131
and L.R.S. 41:1701 through 1714)**

Revised

January 2003

**DIVISION OF ADMINISTRATION
STATE LAND OFFICE
P.O. BOX 44124, CAPITOL STATION
BATON ROUGE, LOUISIANA 70804**

I. PROCEDURE AND REQUIREMENTS FOR RECLAMATION PROJECTS

CLASS A: Permits for reclamation of lands lost through erosion on or after July 1, 1921.

CLASS E: Permits to construct landfills upon non-eroded state lands.

A. RECLAMATION PROJECTS

Permits may be granted to owners of land contiguous to and abutting navigable water bottoms belonging to the State to construct landfills either for the purpose of reclaiming or recovering land lost through erosion by action of the water body if said erosion occurred on and after July 1, 1921, or for the purpose of maintaining an encroachment on non-eroded state lands. Lands reclaimed will be subject to the procedures as set forth in ABoundary Agreements of these Rules and Regulations. Landfills constructed on non-eroded state lands will be subject to the procedures as set forth in ALeases of these Rules and Regulations.

B. SUBMITTING PROCEDURES

Applicants shall notify the Commissioner of the Division of Administration in writing of his intent to apply for a permit for work contemplated. Such letters shall contain a description of the proposed physical work to be performed, materials to be used and identity of the body of water involved. Upon receipt of applicant's letter, the Commissioner shall forward the appropriate permit form to the applicant with a copy of these regulations. Upon completion of the appropriate form the applicant shall:

1. Apply to the governing authority of the parish or parishes within which the work or structures will be located for their approval or permit for the project;
2. Apply to the U.S. Corps of Engineers for the appropriate federal permit, and in the event that the Corps of Engineers declines jurisdiction over the proposed work, and does not publish notice, the applicant, upon request of the governing authority of the parish, shall cause to have published at least once, notice of the application in the parish or parishes.

C. FEES

1. An application for a Class A or E permit shall be accompanied by a non-refundable administrative and processing fee of fifty dollars (\$50.00);
2. In the event that review of the application requires special work in the field such as special field examination or survey, the applicant shall be required to pay for such special work, the price of which shall be fixed by the Commissioner based on his estimate of the cost of special work to the state. The Commissioner shall notify the applicant of the estimated cost of such special work and shall not proceed until the estimated cost of same is paid.

D. APPLICATION REQUIREMENTS FOR CLASS A OR E PERMITS

Class A and E application forms must be submitted in triplicate to the Commissioner of the Division of Administration, and each application must include the following:

1. Letter of intent along with application form as provided by the Division of Administration;
2. Approval of the parish governing authority for the project;
3. A certified deed of ownership*(of lands contiguous to public lands);
4. If the applicant is not the owner, a certified copy of the deed or other instrument* under which the owner holds title plus written permission for the applicant to carry out the project. Note: Should the encroachment be located wholly upon state water bottoms and not proximate to any bank or shore, no deeds of ownership or written permission need be furnished provided that the letter of intent contain details of ingress and egress for such structure;
5. Vicinity Map:
 - a. Location of the activity site including section, township and range;
 - b. Name of waterway;
 - c. All applicable political (parish, town, city, etc.) boundary lines;
 - d. Name of and distance of local town, community or other identifying location;
 - e. Names of all roads in the vicinity of the site;
 - f. Graphic scale;
 - g. North arrow.
6. Survey Plat Showing: **(MUST BE SIGNED AND STAMPED BY A LICENSED SURVEYOR)**
 - a. Louisiana Grid Coordinates of all corners and angle points;
 - b. Historical Shoreline, not to extend beyond the 1921 shoreline pursuant to R. S. 41:1702;
 - c. Ebb and flow in tidal waters and/or direction of flow in rivers;
 - d. Mean high water line;
 - e. Mean low water line;
 - f. Extent of land area reclaimed or filled shown in square feet;
 - g. Extent of encroachment beyond applicable water lines; (tied to property lines)
 - h. Waterward dimensions from an existing permanent structure or object; (tied to property lines)
 - i. Location of structures, if any, in navigable water immediately adjacent to the proposed activity.
7. Elevation View showing:
 - a. Same water elevations as in the plan view;
 - b. Depth at waterward face of proposed work;
 - c. Dimensions from applicable water lines for proposed float or pile supported platform;
 - d. Graphic or numerical scale;
 - e. Detailed drawings of construction including plot plan, cross section and profile.
8. Non-refundable administrative and processing fee of fifty dollars (\$50.00).
9. Class A Permits must be followed by a Boundary Agreement and Class E Permits must be followed by a lease agreement.
10. Upon completion of reclamation project, an applicant must submit a written legal description and a certified map/plat of survey of lands reclaimed. Property line(s) of reclaimed lands between private owner and state must show ties to property lines in existence before reclamation on map/plat of survey. A PROFESSIONAL LAND SURVEYOR REGISTERED WITH THE LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD MUST CERTIFY WITH HIS SIGNATURE AND SEAL THAT THE SURVEY COMPLIES WITH THE MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS.

E. SURVEY REQUIREMENT

Where a permit application contemplates any form of landfill or reclamation, the map or plat submitted must be prepared by a professional land surveyor currently registered by the State Board of Registration for Professional Engineers and Land Surveyors.

F. VERIFICATION OF WORK

Upon completion of the project, the applicant is required to submit verification of the work completed to the Commissioner of the Division of Administration within 60 days. The applicant is required to submit a final certified map or plat prepared by a professional land surveyor currently registered by the State Board of Registration for Professional Engineers and Land Surveyors as verification.

G. BOUNDARY AGREEMENTS AND LEASES

1. After fulfilling the requirements for verification of work completed pursuant to a Class A reclamation permit, the applicant and the Commissioner of the Division of Administration shall enter into an agreement fixing the definitive boundary between the reclaimed land area and the water bottoms. No definitive boundary shall be fixed nor shall title be vested unless and until proof is made that the reclaimed land is raised to a minimum height of six (6) inches above mean high water and is stabilized along the newly created bank or shore by masonry, concrete mats, riprap, sheet piling, bulkheads, or similar constructions to reasonably insure permanence as required by law.
2. **Upon completion of a Class E permit construction and verification, a lease is required as follows:**
 - a. After fulfilling the requirements for verification of work completed pursuant to a landfill the applicant and the Commissioner of the Division of Administration shall enter into a lease agreement to operate or maintain the encroachment. Such leases will not be subject to competitive bidding except in those cases where the best interest of the state and applicant will be served. The consideration for such leases shall be based upon the size and nature of the encroachment. The lease shall be assessed at 5% of the appraised value of the land for noncommercial use and at 7.5% of the appraised value for commercial uses with a minimum fee of \$100 per year. The property will be reappraised at the expiration of the primary term of the lease.
 - b. Leases entered into shall be for a term of five (5) years and subject to renewal by lessee for nine (9) successive terms. In no case shall the maximum term of such leases exceed fifty (50) years. At the end of a fifty (50) year maximum period, lessees may apply for a new lease for the subject encroachment.

II. PROCEDURES AND REQUIREMENTS FOR PERMITTING AND LEASING ENCROACHMENTS ONTO STATE OWNED PROPERTY

- CLASS B:** Permits to construct bulkheads or flood protection structures in proximity to the bank or shore.
- CLASS C:** Permits to construct commercial wharves and piers.
- CLASS D:** Permits to construct structures other than wharves and piers.

A. PERMITS AND LEASES

A Class B Permit shall be issued to construct bulkheads or flood protection structures in proximity to the bank or shore. Permits and leases may also be granted for the construction and/or maintenance of commercial structures which are permanently attached to public lands by pilings or other means. Such structures will include, but not be limited to wharves, piers, storage docks, camps, warehouses, residences, bulkheads, restaurants, dams, bridges, etc. A Class C permit shall be issued to construct wharves and piers and a Class D Permit shall be issued for those structures other than wharves and piers. Exempted from permit and lease requirements are commercial and noncommercial wharves and piers less than 50 linear feet whose surface area does not exceed 150 square feet, unless part of another encroachment or unduly interferes with public interest, navigation or fishery. Structures constructed on state lands will be subject to the procedures as set forth in ALeases of these Rules and Regulations.

B. SUBMITTING PROCEDURES

Applicant shall notify the Commissioner of the Division of Administration in writing of his intent to apply for a permit for work contemplated. Such letter shall contain a description of the proposed physical work to be performed, materials to be used and identity of the body of water involved. Upon receipt of applicant's letter, the Commissioner shall forward the appropriate permit form to the applicant with a copy of these regulations. Upon completion of the appropriate form the applicant shall:

1. Apply to the governing authority of the parish or parishes within which the work or structures will be located for their approval or permit for the project;
2. Apply to the U.S. Corps of Engineers for the appropriate federal permit, and in the event that the Corps of Engineers declines jurisdiction over the proposed work, and does not publish notice; the applicant, upon request of governing authority of the parish shall cause to have published at least once, notice of the application in the parish or parishes.

C. FEES

1. An application for a permit shall be accompanied by a non-refundable administrative and processing fee of ten dollars (\$10.00);
2. In the event that review of the application requires special work in the field such as special field examination or survey, the applicant shall be required to pay for such special work, the price of which shall be fixed by the Commissioner based on his estimate of the cost of special work to the state. The Commissioner shall notify the applicant of the estimated cost of such special work and shall not proceed until the estimated cost of same is paid.

D. APPLICATION REQUIREMENTS FOR CLASS B, C, OR D PERMITS

Applications must be submitted in triplicate to the Commissioner of the Division of Administration, and each application must include the following:

- _____ 1. Letter of intent along with application form as provided by the Division of Administration;
- _____ 2. Approval of the parish governing authority for the project;
- _____ 3. A certified deed of ownership* (of the lands contiguous to public lands);
- _____ 4. If the applicant is not the owner, a certified copy of the deed or other instrument* under which the owner holds title plus written permission for the applicant to carry out the project. NOTE: Should the encroachment be located wholly upon State water bottoms and not proximate to any bank or shore, no deed of ownership or written permission need be furnished provided that the letter of intent contain details of ingress and egress for such structure;
- _____ 5. Vicinity Map:
 - a. Location of the activity site including section, township and range;
 - b. Name of waterway;
 - c. All applicable political (parish, town, city, etc.) boundary lines;
 - d. Name of and distance of local town, community or other identifying location;
 - e. Names of all roads in the vicinity of the site;
 - f. Graphic scale;
 - g. North arrow.
- _____ 6. Plan view showing:
 - a. Existing shorelines;
 - b. Ebb and flow in tidal waters and/or direction of flow in rivers;
 - c. Mean high water line;
 - d. Mean low water line;
 - e. Extent of encroachment beyond the applicable water lines;
 - f. Waterward dimensions from an existing permanent fixed structure or object; (tied to property lines)
 - g. Location of structures, if any, in navigable water immediately adjacent to the proposed activity.
 - h. Extent of water bottoms being utilized commercially shown in square feet and tied to property line(s) (**CLASS C PERMITS and/or LEASES ONLY**)
- _____ 7. Elevation and/or section view showing:
 - a. Same water elevations as in the plan view;
 - b. Depth at Waterward face of proposed work;
 - c. Dimensions from applicable water lines for proposed load or pile supported platform;
 - d. Graphic or numerical scale;
 - e. Detailed drawings of construction including plot plan, cross section and profile.
- _____ 8. Non-refundable administrative and processing fee of ten dollars (\$10.00).
- _____ 9. All Class C and D permits must be followed by a lease agreement.

*Only one (1) certified copy of deed or instrument is required.

E. CORP OF ENGINEERS

If the proposed project falls under the United States Army Corps of Engineers jurisdiction and permit(s) are being sought from that agency, the applications submitted to the Corps of Engineers may be submitted to the Division of Administration in lieu of the above, providing that all copies are clear and legible and the Corps permit application does in fact contain all of the information described above.

F. LEASES

1. All Class C and D permits are accompanied by a lease agreement described as follows:
 - a. After fulfilling the requirements for a structure permit, the applicant and the Commissioner of the Division of Administration shall enter into a lease agreement to operate or maintain the encroachment. Such leases will not be subject to competitive bidding except in those cases where the best interest of the State and applicant will be served. The consideration for such leases shall be based upon the size and nature of the encroachment.
 - b. Annual rentals on leases for commercial wharves, piers, and other structures issued pursuant to R.S. 41:1701-1714 lying outside of the jurisdiction of deep water port commissions shall be levied at two (2) cents per square foot of State owned land or water bottom enclosed or utilized by the structures and associated vessels. Those lands so utilized shall include the pier, wharf or dock itself, all associated piles, dolphins, structures, and waters adjacent and contiguous to the above structures occupied by vessels docking at said structures. The waters so utilized by vessels and included in the lease shall be measured in 10' increments adjacent and adjoining the structures (10, 20, or 30 feet) depending upon the size of the vessels docking at that particular pier, dock or wharf. Any contiguous area of water where boats may be moored shall be assessed according to the following schedule:
 - i. boats less than 35 feet in length require a 10 foot wide berthing;
 - ii. boats 35 to 75 feet in length require a 20 foot wide berthing;
 - iii. boats greater than 75 feet in length require a 30 foot wide berthing.
2. In no instance shall the consideration be less than one hundred (\$100) dollars per annum.
3. Leases entered into shall be for a term of five (5) years and subject to renewal by lessee for nine (9) successive terms. In no case shall the maximum term of such leases exceed fifty (50) years. At the end of fifty (50) year maximum period, lessees may apply for a new lease for the subject encroachment.

III. GENERAL REGULATIONS REGARDING ALL PERMITS

A. APPROVAL OF LOCAL AND OTHER STATE AUTHORITIES--

No permits shall be issued nor shall any work commence until the application has first been approved by the governing authority of the parish wherein the property is located, Office of Public Works, Department of Wildlife and Fisheries, State Mineral Board, Coastal Management Section (if the project is in the coastal zone) and such other parochial or State agencies which may have jurisdiction over such matter. Coordination and dissemination among the several agencies will be performed by the Commissioner of the Division of Administration.

B. OBJECTIONS AND PUBLIC HEARINGS--

1. Objections shall be received by the Commissioner of the Division of Administration for a period of thirty (30) days from date of published notice, to correspond with the delays established by the U.S. Corps of Engineers. In the event that opportunity for public hearing is deemed necessary by either the State, through the Commissioner of the Division of Administration, or the U.S. Corps of Engineers, all efforts will be made by the State to accommodate the applicant by holding one hearing together with the federal authorities at whatever time and place the latter stipulates.
2. At the end of the prescribed period for objections, or after the public hearing if necessary, the governing authority of the parish or parishes shall either approve or object to the application, with reasons, and forward their determination to the Commissioner of the Division of Administration, together with all required attachments and evidence of publication of notice by either the Corps of Engineers or the applicant, for processing as provided herein.

C. REASONS FOR DENIAL OR LIMITATION--

No reclamation, encroachment of lease shall be allowed if in the determination of the Office of Public Works, Department of Wildlife and Fisheries, State Mineral Board or the Commissioner of the Division of Administration, such activity would obstruct or hinder the navigability of any waters of the State, impose undue or unreasonable restraints on the State or public rights which have vested in such areas pursuant to Louisiana law, or result in unacceptable adverse impacts to the environment of the coastal zone, and to that extent the land area sought to be reclaimed, or the structure or construction, may be limited.

D. HOLD HARMLESS--

All permits and leases approved and issued hereunder shall be conditioned upon applicant=s agreement to hold the State of Louisiana and her agencies and subdivisions harmless for applicant=s acts or omissions in reclaiming and maintaining eroded lands and constructing or maintaining any structures and bulkheads, though the permit or lease for the same subsequently expires or is revoked.

E. ENCUMBRANCES--

A permit will be issued subject to and encumbered with any right-of-way or servitude, or any mineral, geothermal, geopressure, or any other lease acquired or granted by the State for a lawful purpose while the reclaimed land was an eroded area. Nothing in these regulations shall prevent the leasing of State lands or water bottoms for mineral or other purposes.

F. MAXIMUM PERMIT TERM--

All permits issued pursuant to these provisions shall be effective for a period not to exceed two (2) years from the date of issuance and shall thereupon expire. All work remaining or any additional work may be completed only by a new permit application.

G. VESTED RIGHTS--

No permit or lease shall be construed to vest any proprietary rights or title in any private owner except as to lands actually reclaimed and maintained, pursuant to Act 645 of 1978. Eroded lands contiguous to the coast of the Gulf of Mexico as defined in the Decree of the United States Supreme Court dated July 16, 1975, in United States v. Louisiana, No. 9 Original, may be reclaimed under reclamation permits, out to the coastline.

H. COPIES TO LOCAL GOVERNMENTS--

A copy of the permit issued, along with the pertinent plats attached and the documentation required to be submitted sixty (60) days after completion of work shall be filed with the clerk of court of the parish or parishes affected. A copy of the above shall also be furnished the assessor of the parish or parishes for assessment purposes.

Class B Permit No. _____

United States of America _____

Permit To Construct Bulkheads Or
Flood Protection Structures

State of Louisiana

Between _____

Parish of _____

And State of Louisiana

Body of Water _____

.....
BE IT KNOWN AND REMEMBERED, that on the dates and before the several Notaries Public or other authorities named below, there personally came and appeared the undersigned parties who declared and acknowledged separately to each of the said Notaries, as follows:

A permit contract is entered into on this the __ day of _____ 20__ ,
by and between the State of Louisiana, represented by JOHN LAVIN (STATE LAND OFFICE) and

(Print or type full name)

a resident of _____

(Street and City)

(Telephone)

_____, Parish, Louisiana, hereinafter referred as PERMITTEE:

By Virtue of R. S. 41:1701, et seq., and upon the terms and conditions of the Rules and Regulations adopted thereunder and this contract, a permit is granted to PERMITTEE for the construction of a bulkhead or other type of structure in the manner, place, and to the extent specified in the plans attached hereto and described briefly as follows:

In consideration for this permit to construct a bulkhead or other type structure, PERMITTEE hereby agrees:

A. To comply with all applicable laws, R. S. 41:1701, et seq., and the Rules and Regulations adopted thereunder; Permittee warrants that there will be no commercial use of the stated improvements and property, in violation of which this permit shall terminate.

B. That this permit shall be effective for a period of two years from the __ day of _____ 20__ to the same day, 20__;

C. That upon termination of the permit, no further activity affecting the water bottom shall be done except by issuance of a new permit in accordance with law;

D. That this permit in no way vests any right, title, or interest in PERMITTEE, which can be accomplished only in accordance with law;

E. That PERMITTEE shall hold the State of Louisiana and its agencies and subdivisions harmless for all acts or omissions in constructing or maintaining any structures or bulkheads though the permit for the same subsequently expires or is revoked; PERMITTEE assumes responsibility for all development and construction and for the condition and operation of the premises, and agrees to indemnify the State and all of its agents, servants and employees against and from any and all claims, demands, causes of action, costs and expenses on account of or in any way arising out of this permit or the negligence or acts of omission or commission of PERMITTEE in furtherance of this permit or otherwise;

THUS EXECUTED AND SIGNED, in triplicate, at _____, Parish of _____, Louisiana, on the ___ day of _____, 20 __, by _____, a Notary Public duly commissioned and qualified in and for the Parish of _____, Louisiana and in the presence of _____ and _____, competent witnesses, after due reading of the whole.

WITNESSES:

PERMITTEE:

BY: _____

PRINTED NAME:

PRINTED NAME:

PRINTED NAME:

NOTARY

PRINTED NAME:
.....

THUS EXECUTED AND SIGNED, in triplicate, at Baton Rouge, Parish of East Baton Rouge, Louisiana, on the _____ day of _____, 20____, by STATE OF LOUISIANA, represented by JOHN LAVIN (STATE LAND OFFICE), all before me, _____, a Notary Public duly commissioned and qualified in and for the Parish of East Baton Rouge, Louisiana, and in the presence of _____ and _____ competent witnesses, after due reading of the whole.

WITNESSES:

STATE OF LOUISIANA

BY: _____

PRINTED NAME:

JOHN LAVIN
PUBLIC LANDS ADMINISTRATOR

PRINTED NAME:

NOTARY

PRINTED NAME:



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
Southeast Regional Office
263 13th Avenue, South
St. Petersburg, Florida 33701

September 29, 2011 F/SER46/LA:jk
225/389-0508

Ms. Tiffany Spann
Deputy Environmental Liaison Officer
Environmental Section, 4th Floor
Federal Emergency Management Agency
1 Seine Court
New Orleans, Louisiana 70114

Dear Ms. Spann;

NOAA's National Marine Fisheries Service (NMFS) has reviewed the project information transmitted in the Solicitation of Views (SOV) dated September 7, 2011, for the Federal Emergency Management Agency (FEMA) to provide funds to the Plaquemines Parish government to reconstruct/relocate destroyed marsh terraces located in Alexis Bay on the east bank of the Mississippi River. In 2005, Hurricane Katrina damaged the Baptiste Collette Bayou - Alexis Bay Marsh Terracing Project, a wetland/marsh restoration project constructed with Coastal Impact Assistance Program federal grant funds. In your SOV, you requested a response regarding any issues of concern, including requirements related to formal consultations, regulatory permits, or authorizations.

The project is located in an area that has been identified as essential fish habitat (EFH) for various life stages of federally managed species, including postlarval and juvenile life stages of red drum, brown shrimp, and white shrimp. The primary categories of EFH that would be affected by project implementation include mud substrates and estuarine water column. Detailed information on federally managed fisheries and their EFH is provided in the 2005 generic amendment of the Fishery Management Plans for the Gulf of Mexico prepared by the Gulf of Mexico Fishery Management Council. The generic amendment was prepared as required by the Magnuson-Stevens Fishery Conservation and Management Act (Magnuson-Stevens Act; P. L. 104-297).

In addition to being designated as EFH for red drum, brown shrimp, and white shrimp, wetlands and water bottoms in the project area provide nursery and foraging habitats that support a variety of economically important marine fishery species such as Atlantic croaker, black drum, Gulf menhaden, blue crab, and striped mullet. Some of these species serve as prey for other fish species managed under the Magnuson-Stevens Act by the Gulf of Mexico Fishery Management Council (e.g., mackerels, snappers and groupers) and highly migratory species managed by NMFS (e.g., billfishes and sharks). Wetlands in the project area also produce nutrients and detritus, important components of the aquatic food web, which contribute to the overall productivity of the Mississippi River delta.

Based on our review of information transmitted with the SOV, and our knowledge of the effects of terracing projects, NMFS believes that project implementation likely would have temporary

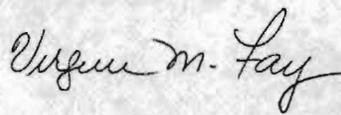


impacts on water bottoms and water column. However, the project has the potential to restore some categories of EFH that are more supportive of marine fishery resources (i.e estuarine emergent wetlands).

According to the SOV, FEMA is preparing a draft Environmental Assessment (EA) to meet the National Environmental Policy Act requirements. The draft EA should have sections titled "Essential Fish Habitat" and "Fishery Resources" to fully describe those resources and evaluate potential adverse and beneficial impacts that would be caused by terrace construction.

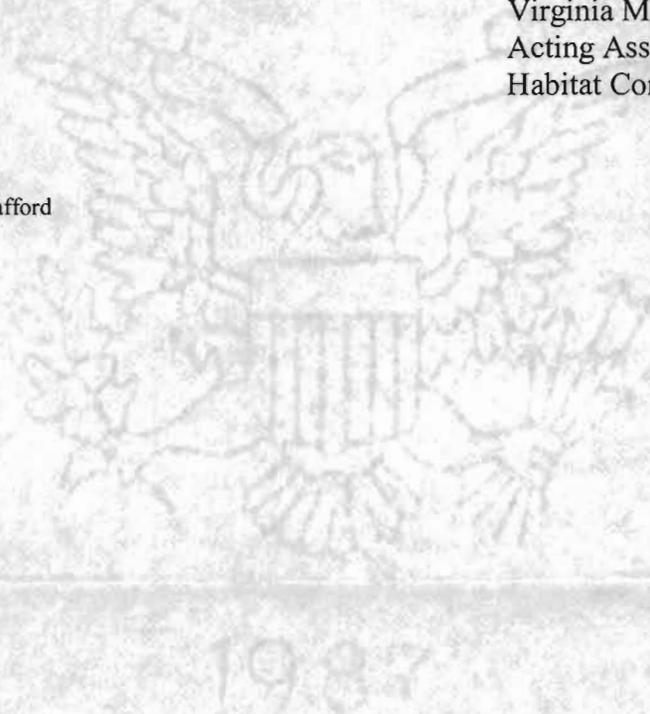
We appreciate the opportunity to provide early input into this project. If you have questions regarding our comments, please contact Lisa Abernathy of my staff at (225) 389-0508, extension 209.

Sincerely,



Virginia M. Fay
Acting Assistant Regional Administrator
Habitat Conservation Division

c:
F/SER4, Dale
F/SER46, Swafford
Files



1987

Renne, John (CTR)

From: Mick.Tamara@epamail.epa.gov
Sent: Friday, September 30, 2011 14:59
To: Renne, John
Subject: Re: Solicitation of Views - Alexis Bay Marsh Terracing Project - FEMA Federal Public Assistance Grant Application - NEPA Environmental Assessment

John, EPA has no objection to the proposed project. Thanks for the opportunity to review and comment.

Tamara Mick
US EPA Region 6
Wetlands Section
Dallas TX 75202
214-665-7134

-----"Renne, John (CTR)" <John.Renne@associates.dhs.gov> wrote: -----

To: "beth.dixon@la.gov" <beth.dixon@la.gov>, "amy.e.powell@usace.army.mil" <amy.e.powell@usace.army.mil>, Tamara Mick/R6/USEPA/US@EPA, "cmichon@wlf.la.gov" <cmichon@wlf.la.gov>, "richard.hartman@noaa.gov" <richard.hartman@noaa.gov>, "deborah_fuller@fws.gov" <deborah_fuller@fws.gov>, "karl.morgan@la.gov" <karl.morgan@la.gov>, "Amy_Trahan@fws.gov" <Amy_Trahan@fws.gov>

From: "Renne, John (CTR)" <John.Renne@associates.dhs.gov>

Date: 09/07/2011 11:13AM

Subject: Solicitation of Views - Alexis Bay Marsh Terracing Project - FEMA Federal Public Assistance Grant Application - NEPA Environmental Assessment

Stakeholders:

FEMA has previously submitted a Solicitation of Views for the Alexis Bay Marsh Terracing project, a federal grant funded Public Assistance project to replace a damaged wetland restoration site in a new location adjacent to its original location in Alexis Bay (see attached Scope of Work). The damaged original project had been constructed with federal grant funds from the Coastal Impact Assistance Program.

This project has been on hold for greater than a year to sort through an eligibility issue (this project had been denied eligibility previously but has now been approved for funding based upon the results of an appeal decision).

Due to the length of time passed, FEMA would like to re-solicit the views of your agency. In order to complete the required reviews and consultations, FEMA is requesting your review and comment on the proposed action. FEMA is currently developing an Environmental Assessment to meet the NEPA review requirements.

Thanks for your support on this project.

John

John Renne (CTR)

NISTAC, Contractor

Federal Emergency Management Agency

1 Seine Court

New Orleans, LA 70114

(504) 762-2356 (Desk)

(504) 762-2323 (fax) – optional

E-mail: John.Renne@associates.dhs.gov

[attachment "Damage and Scope Description.doc" removed by Tamara Mick/R6/USEPA/US]

[attachment "Scoping Notification Sept 2011.docx" removed by Tamara Mick/R6/USEPA/US]

DEPARTMENT OF THE ARMY PERMIT

Permittee: Plaquemines Parish Government

Permit No. MVN 2004-3345 EBB

Issuing Office: New Orleans District

NOTE: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below.

Project Description: Dredge and place fill to install and maintain earthen terraces, in accordance with drawings enclosed in five sheets, dated April 2004, and revised.

Project Location: Located at Latitude 29°19'09" North, Longitude 89°19'45" in Alexis Bay in Plaquemines Parish, Louisiana.

Permit Conditions:

General Conditions:

1. The time limit for completing the work authorized ends on **FEBRUARY 28, 2010**. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least 1 month before the above date is reached.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and State coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

4. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.
6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

Special Conditions: Page 4.

Further Information:

1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:
 - (X) Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).
 - (X) Section 404 of the Clean Water Act (33 U.S.C. 1344).
 - () Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413).
2. Limits of this authorization.
 - a. This permit does not obviate the need to obtain other Federal, State, or local authorizations required by law.
 - b. This permit does not grant any property rights or exclusive privileges.
 - c. This permit does not authorize any injury to the property or rights of others.
 - d. This permit does not authorize interference with any existing or proposed Federal project.
3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:
 - a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.
 - b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.
 - c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.
 - d. Design or construction deficiencies associated with the permitted work.

e. Damage claims associated with any future modification, suspension, or revocation of this permit.

4. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.

5. Reevaluation of Permit Decision. This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:

a. You fail to comply with the terms and conditions of this permit.

b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (See 4 above).

c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. Extensions. General condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.

Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.

X By *[Signature]* X 3/7/05
(PERMITEE) (DATE)

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.

Pete Serio 10 March 2005
(DATE)

Pete J. Serio, Chief Eastern Evaluation Section

for Peter J. Rowan, District Engineer

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

(TRANSFEREE) (DATE)

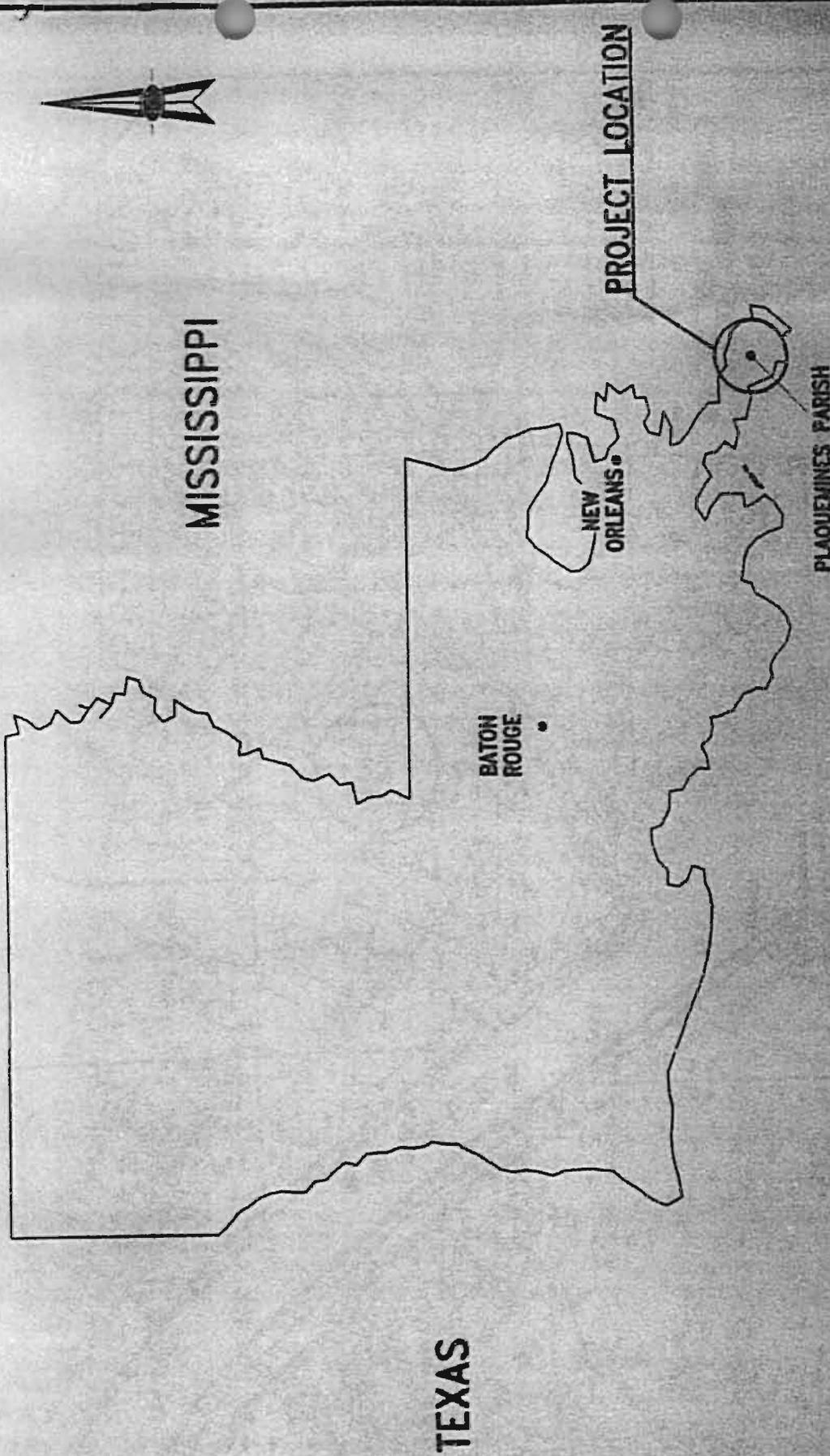
SPECIAL CONDITIONS: MVN 2004-3345 EBB

7. Many local governing bodies have instituted laws and/or ordinances in order to regulate dredge and/or fill activities in floodplains to assure maintenance of floodwater storage capacity and avoid disruption of drainage patterns that may affect surrounding properties. Your project involves dredging and/or placement of fill, therefore, you must contact the local municipal and/or parish governing body regarding potential impacts to floodplains and compliance of your proposed activities with local floodplain ordinances, regulations or permits.

8. The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

9. Your use of the permitted activity must not interfere with the public's right to free navigation on all navigable waters of the United States.

10. You must install and maintain, at your expense, any safety lights and signals prescribed by the U.S. Coast Guard, through regulations or otherwise, on your authorized facilities.



APPLICATION BY:
PLAQUEMINES PARISH

DATE: 04/04

SHEET 1 OF 5

ALEXIS BAY
TERRACING PROJECT

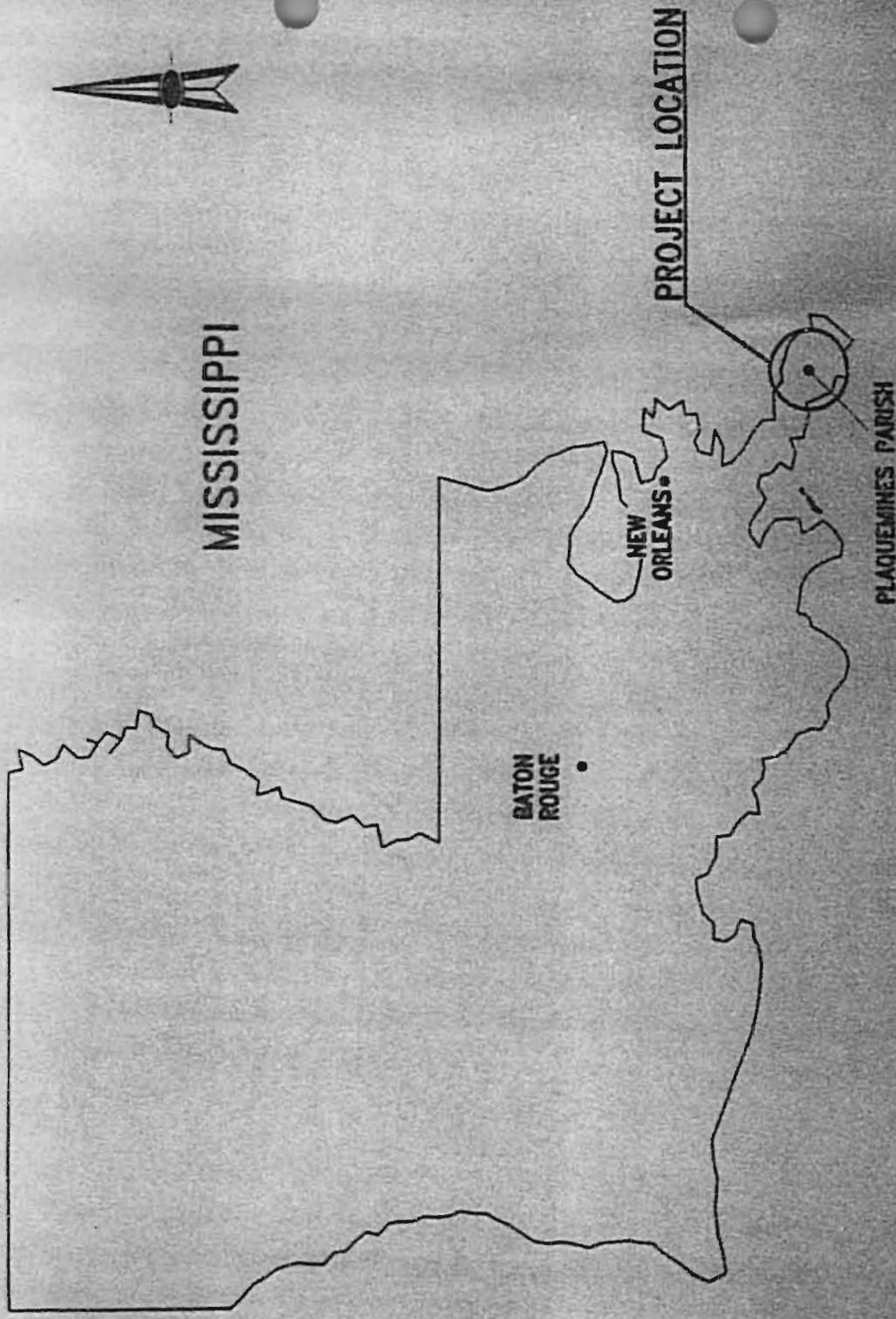
LOCATION MAP

FILE NAME:
0325-DRO--1

PLAQUEMINES PARISH
LAT. 29° 19' 09" N
LONG. 85° 19' 45" W



PROFESSIONAL
ENGINEERING AND
ENVIRONMENTAL
CONSULTANTS, INC.
ENGINEERS, PLANNERS AND ENVIRONMENTAL CONSULTANTS
7681 Yeadon Expressway Suite G Metairie, LA 70072



APPLICATION BY:
PLAQUEMINES PARISH

DATE: 04/04
SHEET 1 OF 5

ALEXIS BAY
TERRACING PROJECT

LOCATION MAP

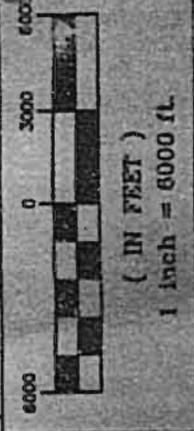
FILE NAME:
0325--DRO--1

PLAQUEMINES PARISH
LAT. 29° 19' 09" N
LONG. 89° 19' 45" W



PROFESSIONAL
ENGINEERING AND
ENVIRONMENTAL
CONSULTANTS, INC.
ENGINEERS, PLANNERS AND ENVIRONMENTAL CONSULTANTS
7021 Westbank Expressway Suite G Marrero, LA 70072

PROJECT LOCATION



FILE NAME:
0325-DRO-2

PLAQUEMINES PARISH
LAT. 29° 19' 09" N
LONG. 89° 19' 45" W

ALEXIS BAY
TERRACING PROJECT

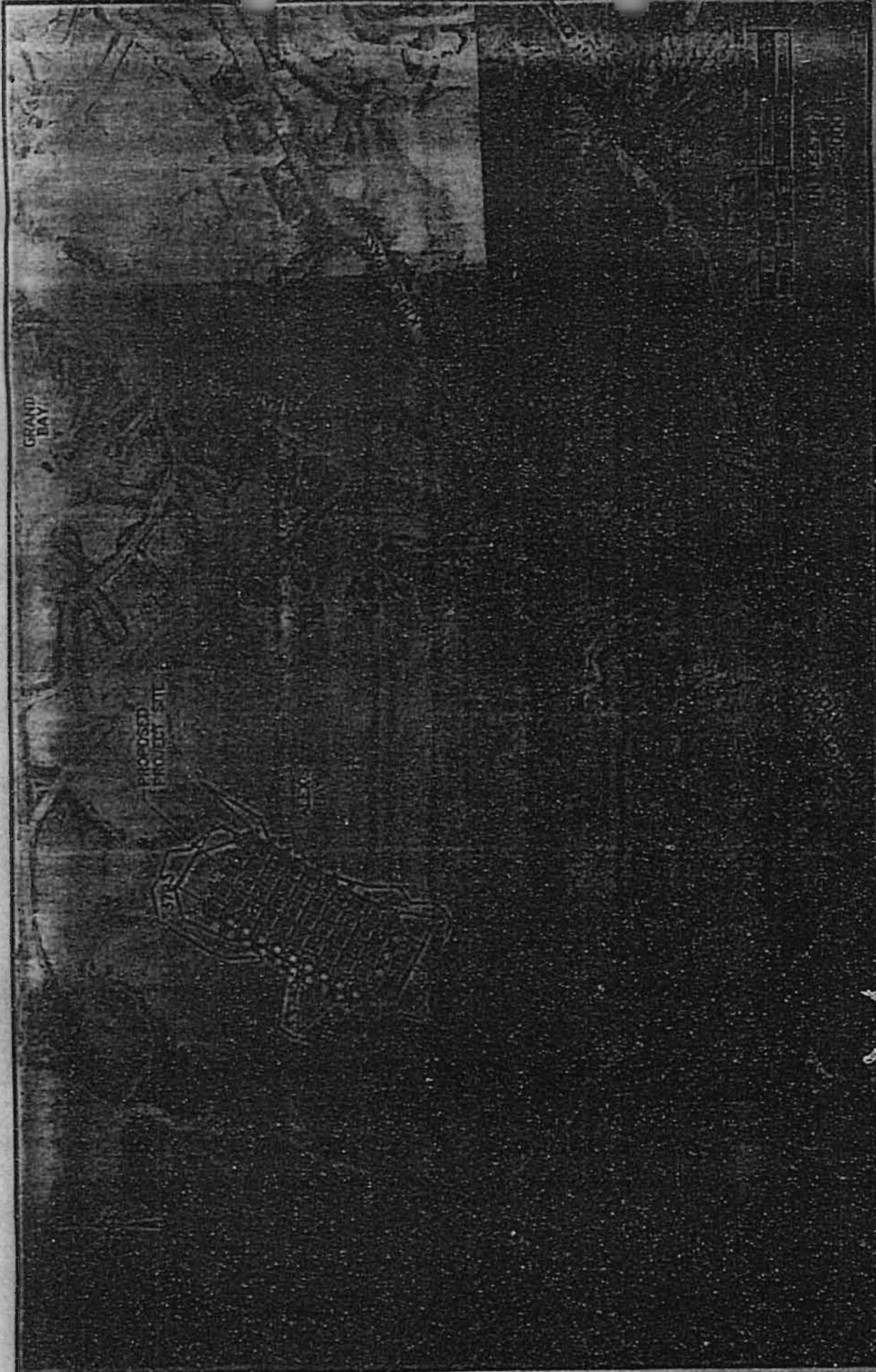
VICINITY MAP

OWNER:
PLAQUEMINES PARISH

DATE: 04/04

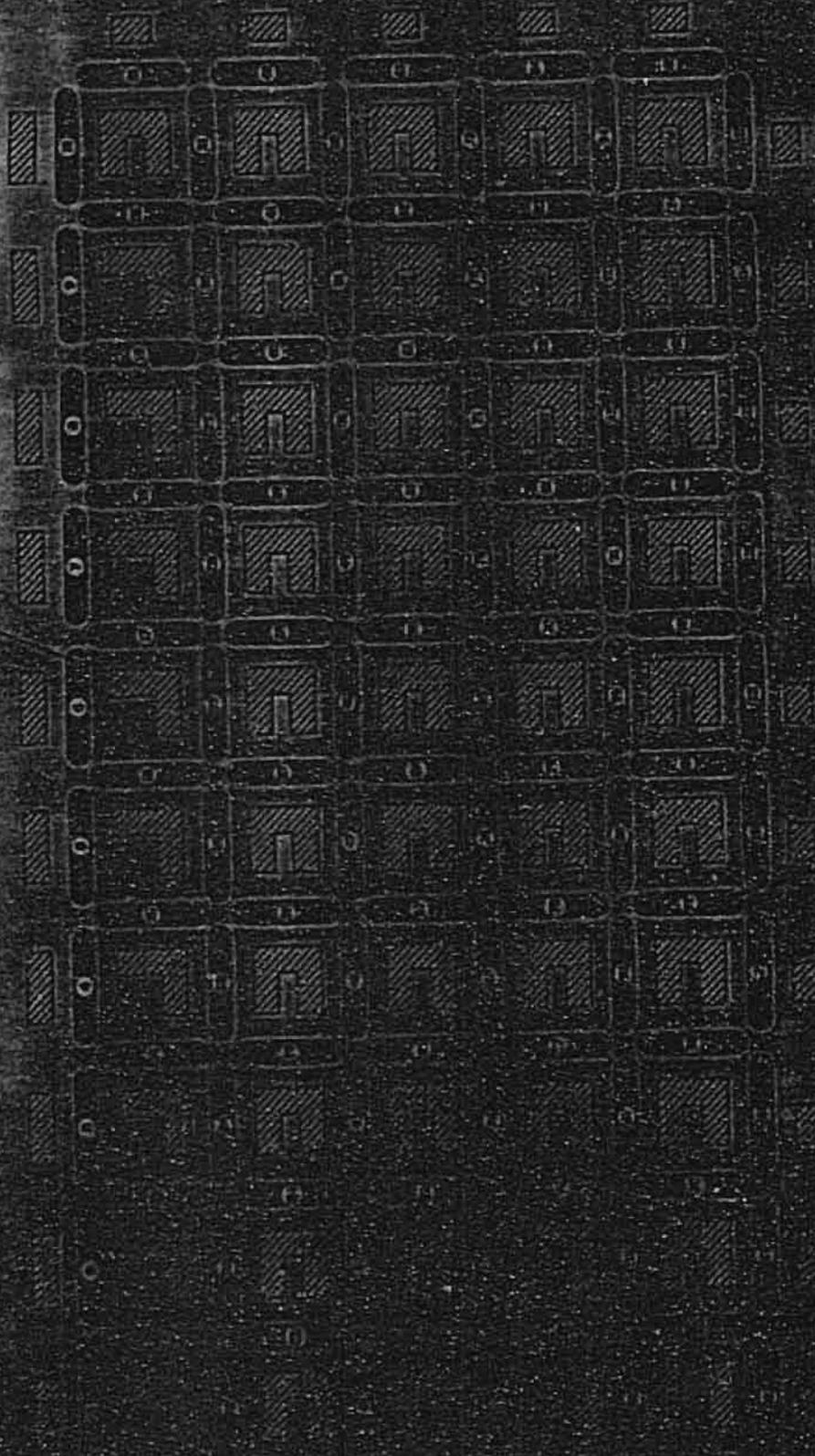
REV. NO.

SHEET 2 OF 5



OWNER: PLAQUEMINES PARISH	ALEXIS BAY TERRACING PROJECT	FILE NAME: 0325-DRO--3	PROFESSIONAL ENGINEERING AND ENVIRONMENTAL CONSULTANTS, INC. ENGINEERS, PLANNERS AND ENVIRONMENTAL CONSULTANTS 7821 Westbank Expressway Suite G Metairie, LA 70072
DATE: 04/04 SHEET 3 OF 5	REV. NO. MARSH CREATION	PLAQUEMINES PARISH LAT. 29° 18' 09" N LONG. 89° 19' 45" W	

PROPOSED PROJECT
SITE AREA



PROFESSIONAL
ENGINEERING AND
ENVIRONMENTAL
CONSULTANTS, INC.
ADDRESS: FLORISSANT AND ENVIRONMENTAL CONSULTANTS
7824 Westbank Expressway Suite C Marrero, LA 70072

FILE NAME:
0325-DRO-3

PLAQUEMINES PARISH
LAT. 29° 19' 09" N
LONG. 89° 19' 45" W

ALEXIS BAY
TERRACING PROJECT

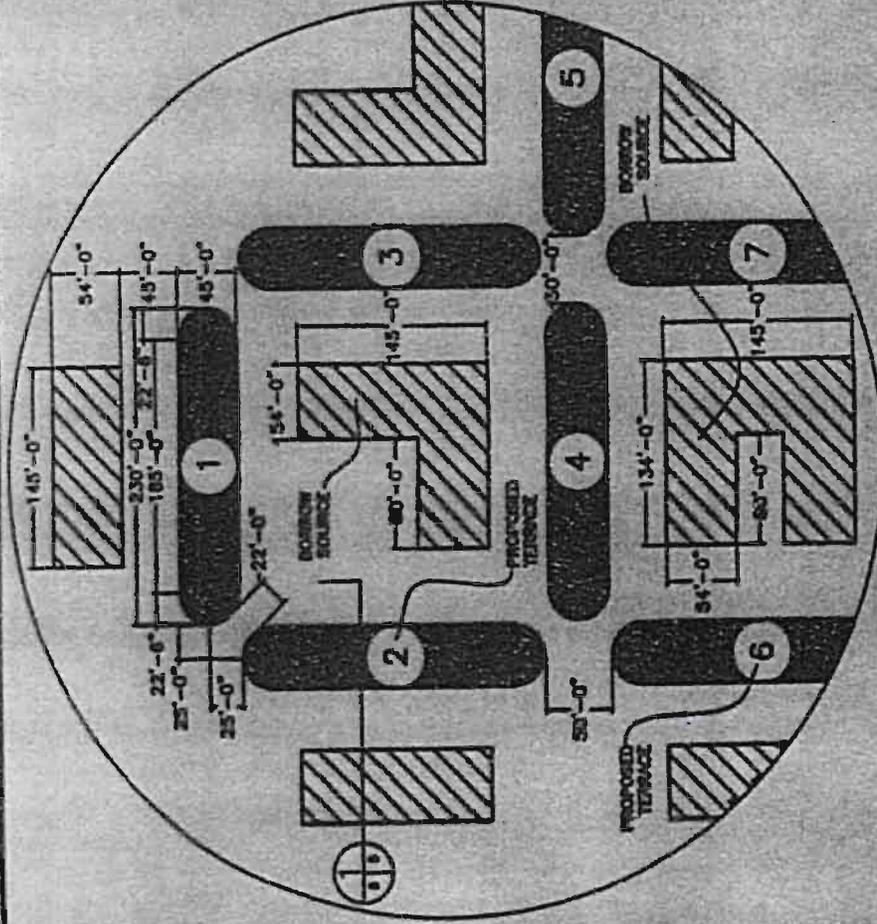
REVISION NO.

MARSH CREATION

OWNER:
PLAQUEMINES PARISH

DATE: 04/04

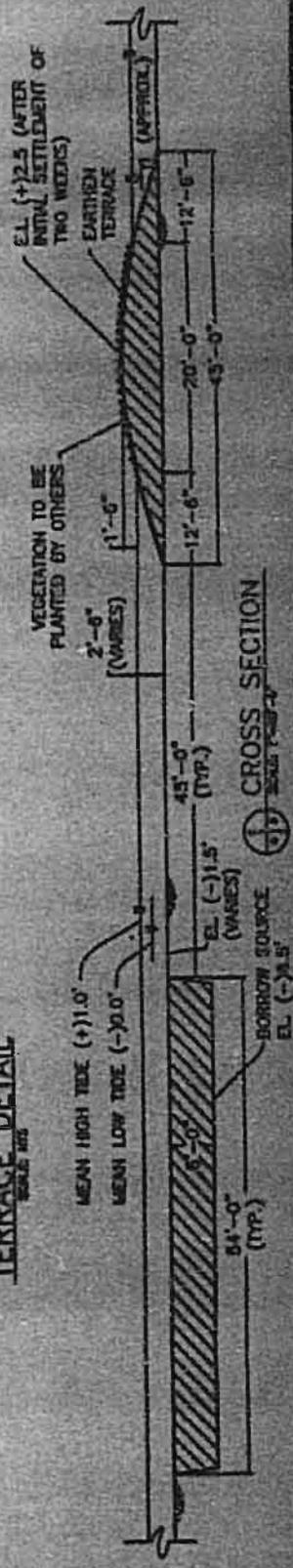
SHEET 4 OF 5



TERRACE DETAIL
SCALE: 1/8" = 1'-0"

115 TERRACES (INCLUDED IN THIS CONTRACT)

TOTAL VOLUME OF TERRACES CREATED (AFTER INITIAL SETTLEMENT)	= 133,400 CU. YD.
TOTAL AREA OF WATERSHED AFFECTED	= 113 ACRES ±
TOTAL VOLUME OF EACH TERRACE CREATED (AFTER INITIAL SETTLEMENT)	= 1,100 CU. YD.
TOTAL DREDGE VOLUME FOR TERRACE (25% CONSOLIDATION IS CONSIDERED)	= 1,450 CU. YD.
TOTAL VOLUME OF DREDGE MATERIAL	= 166,750 CU. YD.



CROSS SECTION
SCALE: 1/8" = 1'-0"

OWNER: PLAQUEMINES PARISH	FILE NAME: 0325-DRG-4	PROFESSIONAL: ENVIRONMENTAL AND ENGINEERING CONSULTANTS 7025 Westlake Expressway Suite G Metairie, LA 70002
DATE: 04/04	PLAQUEMINES PARISH LAT. 29° 19' 09" N LONG. 89° 19' 45" W	
SHEET 5 OF 5	TERRACE DETAILS	



**DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT**

P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

C.U.P. No.: P20091041 (Extended)
C.O.E. No.: MVN 2004- 3345 EMM
NAME: **PLAQUEMINES PARISH GOVERNMENT**
c/o PROFESSIONAL ENGINEERING AND ENVIRONMENTAL CONSULTANTS, INC.
1065 MULLER PARKWAY, SUITE B
WESTWEGO, LA 70094
Attn: Mo Saleh

LOCATION: **Plaquemines Parish, LA**
Venice, LA; Alexis Bay; Lat. 29° 19' 09" N, Long. 89° 19' 45" W.

DESCRIPTION: Proposed construction of terraces for marsh creation. Approximately 182,700 cubic yards of native material will be dredged to construct the terraces. No additional dredge or fill are required for this project.

This extended permit supersedes the original permit which was issued December 29, 2009.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, and/or operate the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This extended permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Office of Coastal Management of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Office of Coastal Management by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this extended permit, this extended permit authorizes the initiation of the coastal use described under "Coastal Use Description" for four (4) years from the date of the signature of the Secretary or his designee on the original permit which was December 29, 2009. If the coastal use is not initiated within this four (4) year period, then this extended permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for the purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith, and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:
 - a. This extended permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.
 - b. All logs, stumps and other debris unearthed during dredging shall be removed to an approved disposal site on land.



- c. That permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall receive the equivalent of secondary treatment (30 mg/l BOD5) with disinfection prior to discharge into any of the streams or adjacent waters of the area or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals for purpose of review and approval prior to any utilization of such provisions.
- d. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.
- e. As-built drawings shall be submitted within 30 days of completion of this project to the Louisiana Department of Natural Resources, Office of Coastal Management, PO Box 44487, Baton Rouge, LA 70804-4487.
- f. Upon completion of spoil bank islands, a survey will be conducted designating the boundaries of the islands at the elevation of mean high gulf level. Permittee will provide OCM with plats including the Lambert plane coordinates of the islands. A signed affidavit following the format of the attached affidavit form, will be submitted to OCM testifying that the islands are artificially created.
- g. No impacts to rare, threatened or endangered species or critical habitats are anticipated from the proposed project. No state or federal parks, wildlife refuges, wildlife management areas or scenic rivers are known at the specified site or within ¼ mile of the proposed project.

The Louisiana Natural Heritage Program (LNHP) has compiled data on rare, endangered, or otherwise significant plant and animal species, plant communities, and other natural features throughout the State of Louisiana. LNHP reports summarize the existing information known at the time of the request regarding the location in question. LNHP reports should not be considered final statements on the biological elements or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments. If at any time LNHP tracked species are encountered within the project area, please contact our biologist at 225-765-2643.

- h. Permittee is subject to all applicable state laws related to damages which are demonstrated to have been caused by this action.
- i. Permittee shall allow representatives of the Office of Coastal Management or authorized agents to make periodic, unannounced inspections to assure the activity being performed is in accordance with the conditions of this permit.
- j. Permittee shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) to locate any buried cables and pipelines.
- k. This extended permit authorizes the initiation of the Coastal Use described under "Coastal Use Description" for four (4) years from the date of the signature of the Secretary or his designee on the original permit which was December 29, 2009. Initiation of the Coastal Use, for purposes of this extended permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of



equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated.

The expiration date of this extended permit is five (5) years from the date of the signature of the Secretary or his designee on the original permit which was December 29, 2009.

Upon expiration of this extended permit, a new Coastal Use Permit will be required for completion of any unfinished or uncommenced work items and for any maintenance activities involving dredging or fill that may become necessary. Other types of maintenance activities may also require a new Coastal Use Permit.

***** End of Conditions *****

By accepting this extended permit the applicant agrees to its terms and conditions.
I affix my signature and issue this extended permit this 6th day of September, 2011.

THE DEPARTMENT OF NATURAL RESOURCES

Karl L. Morgan, Acting Administrator
Office of Coastal Management

This agreement becomes binding when signed by Administrator of the Office of Coastal Management Permits/Mitigation Division, Department of Natural Resources.

Attachments

Page: 4 of 4
C.U.P. No.: P20091041 (Extended)
C.O.E. No.: MVN 2004- 3345 EMM



Final Plats:

1) P20091041 Final Plats 09/04/2009

cc: Pete Serio, COE w/attachments
Dave Butler, LDWF w/attachments
Peggy Rooney, OCM w/attachments
Frank Cole, OCM/FI w/attachments
Plaquemines Parish w/attachments

PLAQUEMINES PARISH w/attachments

Renne, John (CTR)

From: Chris Melton [Chris.Melton@LA.GOV]
Sent: Wednesday, September 07, 2011 14:45
To: 'John.Renne@associates.dhs.gov'
Subject: RE: Solicitation of Views - Alexis Bay Marsh Terracing Project - FEMA Federal Public Assistance Grant Application - NEPA Environmental Assessment
Attachments: P20091041.pdf

Mr. Renne:

I could not find a SOV request for this activity. There were 2 applications (P20040919 and P20091041) submitted previously by Plaquemines Parish Government for terracing in Alexis Bay in which permits were issued.

Is your request to repair terraces that were installed under P20040919? If yes, then an application will need to be submitted to OCM for the proposed work.

If your request involves work done under P20091041 (this project has not been started and OCM has just issued an extension on Sept. 6, 2011 for this project – see attachment), then there is no need to submit a new application.

Please let me know if you need additional assistance.

Chris Melton
Office of Coastal Management
(225)342-6841
(225)342-9439 (fax)

From: Renne, John (CTR) [mailto:John.Renne@associates.dhs.gov]
Sent: Wednesday, September 07, 2011 11:13 AM
To: Beth Altazan-Dixon; amy.e.powell@usace.army.mil; mick.tamara@epamail.epa.gov; cmichon@wlf.la.gov; richard.hartman@noaa.gov; deborah_fuller@fws.gov; Karl Morgan; Amy Trahan@fws.gov
Subject: Solicitation of Views - Alexis Bay Marsh Terracing Project - FEMA Federal Public Assistance Grant Application - NEPA Environmental Assessment

Stakeholders:

FEMA has previously submitted a Solicitation of Views for the Alexis Bay Marsh Terracing project, a federal grant funded Public Assistance project to replace a damaged wetland restoration site in a new location adjacent to its original location in Alexis Bay (see attached Scope of Work). The damaged original project had been constructed with federal grant funds from the Coastal Impact Assistance Program.

This project has been on hold for greater than a year to sort through an eligibility issue (this project had been denied eligibility previously but has now been approved for funding based upon the results of an appeal decision).

Due to the length of time passed, FEMA would like to re-solicit the views of your agency. In order to complete the required reviews and consultations, FEMA is requesting your review and comment on the proposed action. FEMA is currently developing an Environmental Assessment to meet the NEPA review requirements.

Thanks for your support on this project.

John

John Renne (CTR)
NISTAC, Contractor
Federal Emergency Management Agency
1 Seine Court
New Orleans, LA 70114
(504) 762-2356 (Desk)
(504) 762-2323 (fax) – optional
E-mail: John.Renne@associates.dhs.gov

CONFIDENTIALITY NOTICE

This email communication may contain confidential information which also may be legally privileged and is intended only for the use of the intended recipients identified above. If you are not the intended recipient of this communication, you are hereby notified that any unauthorized review, use, dissemination, distribution, downloading, or copying of this communication is strictly prohibited. If you are not the intended recipient and have received this communication in error, please immediately notify us by reply email, delete the communication and destroy all copies.

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COMPUTER SYSTEM USE/CONSENT NOTICE

This message was sent from a computer system which is the property of the State of Louisiana and the Department of Natural Resources (DNR). It is for authorized business use only. Users (authorized or unauthorized) have no explicit or implicit expectation of privacy. Any or all uses of this system and all files on this system may be intercepted, monitored, recorded, copied, audited, inspected, and disclosed to Department of Natural Resources and law enforcement personnel. By using this system the user consents to such interception, monitoring, recording, copying, auditing, inspection, and disclosure at the discretion of DNR.

Renne, John (CTR)

From: Beth Altazan-Dixon [Beth.Dixon@LA.GOV]
Sent: Thursday, September 15, 2011 10:16
To: John.Renne@associates.dhs.gov
Subject: DEQ SOV 110907/2610 Alexis Bay Marsh Terracing Project
Attachments: image001.png

September 15, 2011

Tiffany Spann, Deputy Environmental Liaison Officer
FEMA-Environmental Section, 4th Floor
1 Seine Court
New Orleans, LA 70114
John.Renne@associates.dhs.gov

RE: 110907/2610 Alexis Bay Marsh Terracing Project
FEMA funding
Plaquemines Parish

Dear Ms. Spann:

The Department of Environmental Quality (LDEQ), Business and Community Outreach Division has received your request for comments on the above referenced project.

After reviewing your request, the department has no objections based on the information provided in your submittal. However, for your information, the following general comments have been included. Please be advised that if you should encounter a problem during the implementation of this project, you should immediately notify LDEQ's Single-Point-of-contact (SPOC) at (225) 219-3640.

- Please take any necessary steps to obtain and/or update all necessary approvals and environmental permits regarding this proposed project.
- If your project results in a discharge to waters of the state, submittal of a Louisiana Pollutant Discharge Elimination System (LPDES) application may be necessary.
- If the project results in a discharge of wastewater to an existing wastewater treatment system, that wastewater treatment system may need to modify its LPDES permit before accepting the additional wastewater.
- All precautions should be observed to control nonpoint source pollution from construction activities. LDEQ has stormwater general permits for construction areas equal to or greater than one acre. It is recommended that you contact the LDEQ Water Permits Division at (225) 219-3181 to determine if your proposed project requires a permit.
- If your project will include a sanitary wastewater treatment facility, a Sewage Sludge and Biosolids Use or Disposal Permit application or Notice of Intent must be submitted no later than June 1, 2011. Additional information may be obtained on the LDEQ website at <http://www.deq.louisiana.gov/portal/tabid/2296/Default.aspx> or by contacting the LDEQ Water Permits Division at (225) 219- 3181.
- If any of the proposed work is located in wetlands or other areas subject to the jurisdiction of the U.S. Army Corps of Engineers, you should contact the Corps directly regarding permitting issues. If a Corps permit is required, part of the application process may involve a water quality certification from LDEQ.
- All precautions should be observed to protect the groundwater of the region.
- Please be advised that water softeners generate wastewaters that may require special limitations depending on local water quality considerations. Therefore if your water system improvements include water softeners, you are advised to contact the LDEQ Water Permits to determine if special water quality-based limitations will be necessary.
- Any renovation or remodeling must comply with LAC 33:III.Chapter 28, Lead-Based Paint Activities; LAC 33:III.Chapter 27, Asbestos-Containing Materials in Schools and State Buildings (includes all training and accreditation); and LAC 33:III.5151, Emission Standard for Asbestos for any renovations or demolitions.

- If any solid or hazardous wastes, or soils and/or groundwater contaminated with hazardous constituents are encountered during the project, notification to LDEQ's Single-Point-of-Contact (SPOC) at (225) 219-3640 is required. Additionally, precautions should be taken to protect workers from these hazardous constituents.

Currently, Plaquemines Parish is classified as attainment with the National Ambient Air Quality Standards and has no general conformity determination obligations.

Please send all future requests to my attention. If you have any questions, please feel free to contact me at (225) 219-3958 or by email at beth.dixon@la.gov.

Sincerely,



Beth Altazan-Dixon
Performance Management
LDEQ/Business and Community Outreach Division
Office of the Secretary
P.O. Box 4301 (602 N. 5th Street)
Baton Rouge, LA 70821-4301
Phone: 225-219-3958
Fx: 225-325-8148
Email: beth.dixon@la.gov



BOBBY JINDAL
GOVERNOR

State of Louisiana
DEPARTMENT OF WILDLIFE AND FISHERIES
OFFICE OF WILDLIFE

ROBERT J. BARHAM
SECRETARY
JIMMY L. ANTHONY
ASSISTANT SECRETARY

Date September 9, 2011
Name John Renne
Company FEMA
Street Address 1 Seine Court
City, State, Zip New Orleans, LA 70114
Project Alexis Bay Marsh Terracing Project
Project ID 5072011
Invoice Number 11090909

Personnel of the Habitat Section of the Coastal & Non-Game Resources Division have reviewed the preliminary data for the captioned project. After careful review of our database, no impacts to rare, threatened, or endangered species or critical habitats are anticipated for the proposed project. No state or federal parks, wildlife refuges, scenic streams, or wildlife management areas are known at the specified site within Louisiana's boundaries.

The Louisiana Natural Heritage Program (LNHP) has compiled data on rare, endangered, or otherwise significant plant and animal species, plant communities, and other natural features throughout the state of Louisiana. Heritage reports summarize the existing information known at the time of the request regarding the location in question. The quantity and quality of data collected by the LNHP are dependent on the research and observations of many individuals. In most cases, this information is not the result of comprehensive or site-specific field surveys; many natural areas in Louisiana have not been surveyed. This report does not address the occurrence of wetlands at the site in question. Heritage reports should not be considered final statements on the biological elements or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments. LNHP requires that this office be acknowledged in all reports as the source of all data provided here. If at any time Heritage tracked species are encountered within the project area, please contact the LNHP Data Manager at 225-765-2643. If you have any questions, or need additional information, please call 225-765-2357.

Sincerely,

fel *Cecelia Michels*
Amity Bass, Coordinator
Natural Heritage Program



BOBBY JINDAL
GOVERNOR

State of Louisiana
DEPARTMENT OF WILDLIFE AND FISHERIES
OFFICE OF WILDLIFE

ROBERT J. BARHAM
SECRETARY
JIMMY L. ANTHONY
ASSISTANT SECRETARY

INVOICE

RETAIN THIS COPY FOR YOUR RECORDS

Date September 9, 2011
Invoice Number 11090909
Project Alexis Bay Marsh Terracing Project

Name John Renne
Company FEMA
Street Address 1 Seine Court
City, State, Zip New Orleans, LA 70114
Number of Quads Reviewed 1
Total Due \$0.00

Payment should be made to "Louisiana Department of Wildlife & Fisheries" within 30 days of the date of this invoice. Please include the invoice number on your check and return a copy of this invoice with your remittance to the following address:

Louisiana Department of Wildlife & Fisheries
Attn: Jennifer Riddle
P.O. Box 80399
Baton Rouge, LA 70898-0399

Should you have any questions regarding this invoice, for review of the Louisiana Natural Heritage database for information on known sensitive elements at a charge of \$20.00 per quad reviewed, please contact LNHP at (225) 765-2357.



BOBBY JINDAL
GOVERNOR

State of Louisiana
DEPARTMENT OF WILDLIFE AND FISHERIES
OFFICE OF WILDLIFE

ROBERT J. BARHAM
SECRETARY
JIMMY L. ANTHONY
ASSISTANT SECRETARY

INVOICE

RETURN THIS COPY OF INVOICE WITH PAYMENT

Date September 9, 2011

Invoice Number 11090909

Project Alexis Bay Marsh Terracing Project

Name John Renne

Company FEMA

Street Address 1 Seine Court

City, State, Zip New Orleans, LA 70114

Number of Quads Reviewed 1

Total Due \$0.00

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Baton Rouge, LA 70898-0399

Should you have any questions regarding this invoice, for review of the Louisiana Natural Heritage database for information on known sensitive elements at a charge of \$20.00 per quad reviewed, please contact LNHP at (225) 765-2357.

received
Sept. 7, 2011
AT

U.S. Department of Homeland Security
Federal Emergency Management Agency
FEMA-1786-DR-LA
1 Seine Court, 4th Floor
New Orleans, LA 70114

This project has been reviewed for effects to Federal trust resources under our jurisdiction and currently protected by the Endangered Species Act of 1973 (Act). The project, as proposed,
() Will have no effect on those resources
(X) Is not likely to adversely affect those resources.
This finding fulfills the requirements under Section 7(a)(2) of the Act.

Debra A. Gull Sept 13, 2011
Date
Acting Supervisor
Louisiana Field Office
U.S. Fish and Wildlife Service

September 7, 2011

MEMORANDUM TO: See Distribution

SUBJECT: Scoping Notification/Solicitation of Views

To Whom It May Concern:

The Department of Homeland Security's Federal Emergency Management Agency (FEMA) is mandated by the U.S. Congress to administer Federal disaster assistance pursuant to the Robert T. Stafford Disaster Relief and Emergency Assistance Act (Stafford Act), PL 93-288, as amended. The Stafford Act describes the declaration process, the types and extent of assistance that may be provided, and fundamental eligibility requirements. FEMA seeks cooperation with special consideration issues including floodplain and wetland management and compliance with other Federal laws and regulations, such as those pertaining to protection of the environment and historic preservation.

The attached scope of work and maps correspond to a proposed project for which FEMA Federal grant funding has been requested. The grant applicant, Plaquemines Parish, proposes to: reconstruct/relocate destroyed marsh terraces located in Alexis Bay on the east bank of the Mississippi River; these marsh terraces were constructed in 2005 to provide for wetland restoration and coastal protection (see attached damage description and scope of work).

To ensure compliance with the National Environmental Policy Act (NEPA) and other applicable Federal laws and regulations, FEMA will be preparing an Environmental Assessment (EA) document. The NEPA provides a specific planning process that Federal agencies must follow before funding a project. To assist preparation of the EA, FEMA requests that your office review the attachment for an assessment regarding interagency requirements for formal consultation, regulatory permits, or authorizations.

Please respond within 30 calendar days of the date of this scoping notification. If our office receives no comments at the close of this period, FEMA will assume that your agency will not provide comment and will not express objections to the proposed project.

Comments may be faxed to (504) 762 - 2323 or emailed to John.Renne@associates.dhs.gov. Additionally, responses, comments, or concerns may be mailed to the attention of the Environmental Section Lead, at the following address:

Tiffany Spann, Deputy Environmental Liaison Officer
Environmental Section, 4th Floor
Federal Emergency Management Agency
1 Seine Court
New Orleans, Louisiana 70114

For questions regarding this matter, please contact John Renne' at (504) 762 - 2356.

Distribution: Louisiana Department of Environmental Quality, U.S. Environmental Protection Agency, National Oceanic and Atmospheric Administration - National Marine Fisheries Service, U.S. Army Corps of Engineers, Louisiana Department of Wildlife and Fisheries, and U.S. Fish and Wildlife Service

Appendix C
Public Notice

DRAFT

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The projection used in the preparation of this map was Louisiana State Plane, south zone (FIPS ZONE 1702). The horizontal datum is NAD 83, GRS1980 spheroid. Differences in datum, spheroid, projection or State Plane zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of the FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov/> or contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA, NINGS12
National Geodetic Survey
SSM-C, #9202
1315 East-West Highway
Silver Spring, MD 20910-3282

To obtain current elevation, description, and/or location information for bench marks shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at <http://www.ngs.noaa.gov/>.

Base map information for this study was provided in digital format by the USACE, New Orleans District. This data was created in State Plane NAD 83 Coordinates, U.S. Survey Feet and was produced at scales 1:1,200 (1"=100'); 1:4,800 (1"=400'). Aerial photography of the area was captured during 2005.

This map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

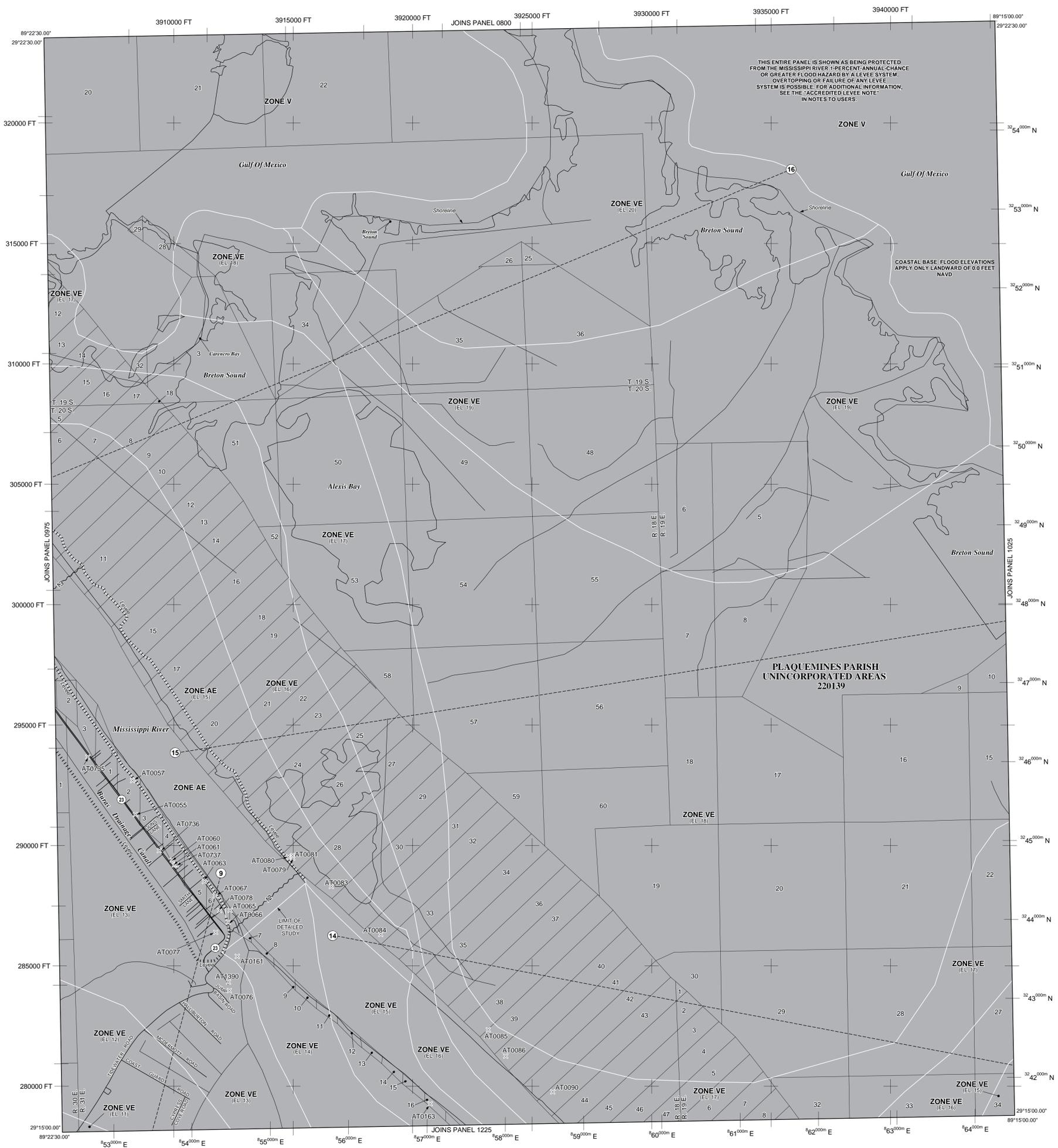
Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

Contact the **FEMA Map Service Center** at 1-800-358-9616 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at <http://www.msc.fema.gov/>.

If you have **questions about this map** or questions concerning the National Flood Insurance Program in general, please call 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA website at <http://www.fema.gov/>.

Accredited Levee Notes to Users: Check with your local community to obtain more information, such as the estimated level of protection provided (which may exceed the 1-percent-annual-chance level) and Emergency Action Plan, on the levee system(s) shown as providing protection for areas on this panel. To mitigate flood risk in residual risk areas, property owners and residents are encouraged to consider flood insurance and floodproofing or other protective measures. For more information on flood insurance, interested parties should visit the FEMA Website at <http://www.fema.gov/business/nfp/index.shtm>.



LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

- ZONE A** No Base Flood Elevations determined.
- ZONE AE** Base Flood Elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
- ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- ZONE AR** Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- ZONE A99** Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
- ZONE V** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- ZONE VE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE
The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS
ZONE X Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS
ZONE X Areas determined to be outside the 0.2% annual chance floodplain.
ZONE D Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)
CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

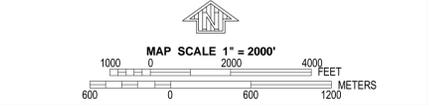
- Floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
- Base Flood Elevation line and value; elevation in feet*
- Base Flood Elevation value where uniform within zone; elevation in feet*

* Referenced to the North American Vertical Datum of 1988 (NAVD 88)

- Cross section line
- Transect line
- Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
- 1000-meter Universal Transverse Mercator grid ticks, zone 15
- 5000-foot grid ticks: Louisiana State Plane coordinate system, south zone (FIPS ZONE 1702), Lambert Conformal Conic
- Bench mark (see explanation in Notes to Users section of this FIRM panel)
- M1.5 River Mile
- MAP REPOSITORIES
Refer to Map Repositories list on Map Index
- EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL
to reflect the effects of coastal erosion, to reflect revised shoreline, to update corporate limits, to add Base Flood Elevations, to change zone designations, to change Base Flood Elevations, to reflect updated topographic information, to update the effects of wave action, to change Special Flood Hazard Areas, and to add road names.

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.
To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.



PANEL 1000D

**FIRM
FLOOD INSURANCE RATE MAP
PLAQUEMINES PARISH,
LOUISIANA
AND INCORPORATED AREAS**

**PANEL 1000 OF 1550
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)**

CONTAINS:	NUMBER	PANEL	SUFFIX
COMMUNITY	220139	1000	D
PLAQUEMINES PARISH			

**PRELIMINARY
Oct 30, 2008**

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

**MAP NUMBER
22075C1000D
MAP REVISED**

Federal Emergency Management Agency