



DEPARTMENT OF THE ARMY
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS
P.O. BOX 60267
NEW ORLEANS, LOUISIANA 70160-0267

REPLY TO
ATTENTION OF:

Operations Division
Eastern Evaluation Section

FEB 11 2014

SUBJECT: MVN 2013-2682 EOO

US Fish and Wildlife Service
% Britt Paul
US Department of Agriculture
Natural Resources Conservation Service
3737 Government Street
Alexandria, Louisiana 71302

Dear Mr. Paul:

The proposal to conduct fifteen 3-inch geotechnical borings at various locations near Lake Lery, in Plaquemines Parish, Louisiana, as shown on the attached drawings, is authorized under **Category II** of the **Programmatic General Permit**, provided that all conditions of the permit are met.

Prior to commencing work on your project, you must obtain approvals from state and local agencies as required by law and by terms of this permit. These approvals include, but are not limited to, a permit, consistency determination, or determination of "no direct or significant impact (NDSI) on coastal waters" from the Louisiana Department of Natural Resources, Office of Coastal Management and a water quality certification from the Louisiana Department of Environmental Quality.

This approval to perform work is valid for 5 years from the date of this letter.

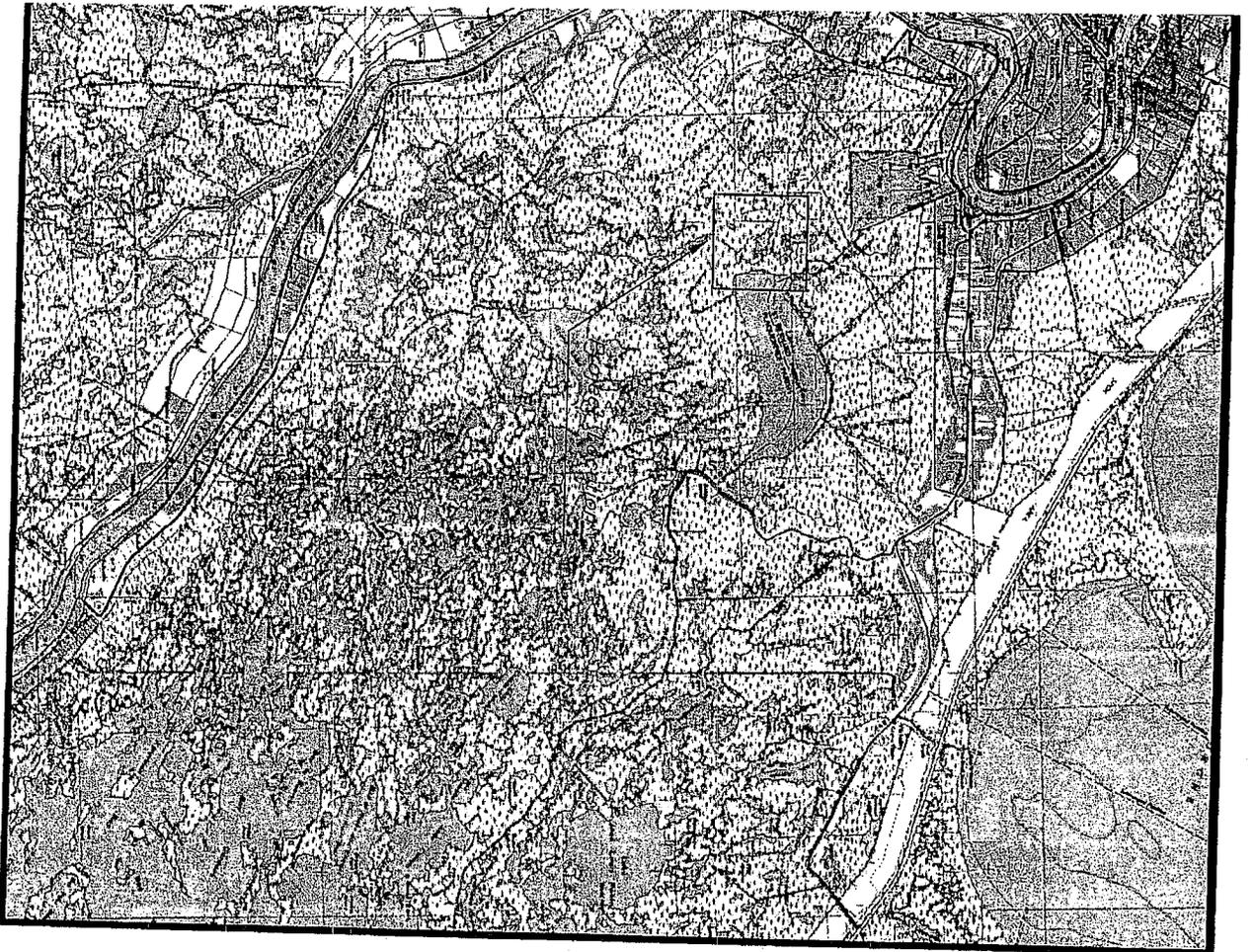
Permittee is aware that this office may reevaluate its decision on this permit at any time the circumstances warrant.

Should you have any further questions concerning this matter, please call Brad LaBorde of this office at (504) 862-2225.

Sincerely,


Martin S. Mayer
Chief, Regulatory Branch

Enclosure



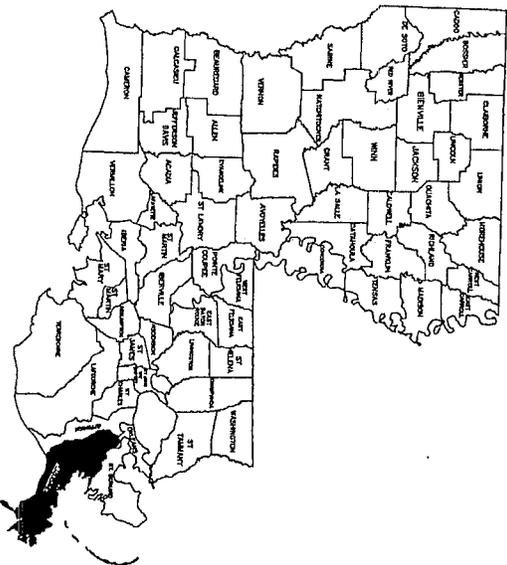
VICINITY MAP

**BS-24
TERRACING AND MARSH CREATION
SOUTH OF BIG MAR**

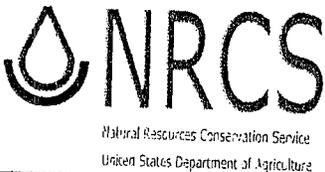
**BS-24
TERRACING
AND MARSH CREATION
SOUTH OF BIG MAR
GEOTECHNICAL
INVESTIGATION PLAN**

TO BE BUILT UNDER THE COASTAL WETLANDS
PLANNING, PROTECTION, AND RESTORATION
ACT OF PUBLIC LAW 101-646
NATURAL RESOURCES CONSERVATION SERVICE
OF THE
UNITED STATES DEPARTMENT OF AGRICULTURE

SEPTEMBER 2013



**GEOTECHNICAL INVESTIGATION PLAN
BS-24 TERRACING AND MARSH
CREATION SOUTH OF BIG MAR
PLAQUEMINES PARISH, LA**



File No. _____
BS-24 Geotech. Invest.
Cover - new.dwg
 Drawing No. _____
 9/18/13 3:50 PM
 Sheet 1 of 3

Geotechnical Borehole Locations		
ID	Northing	Easting
BHMC-01-30	476347.6	3744458.7
BHMC-02-30	474375.2	3741138.1
BHMC-03-30	470812.5	3741424.8
BHT-01-30	480211.0	3729947.8
BHT-02-30	478222.8	3730851.5
BHT-03-30	479762.1	3734161.3
BHT-04-30	478211.5	3735595.9
BHT-05-30	473952.8	3728050.0
BHT-06-30	473297.6	3730851.5
BHT-07-30	472515.1	3733328.6
BHT-08-30	473331.5	3735403.9
BHT-09-30	470812.5	3734952.0
BHT-10-30	471527.3	3737227.0
BHT-11-30	470186.6	3731932.1
BHT-12-30	468917.8	3734062.7

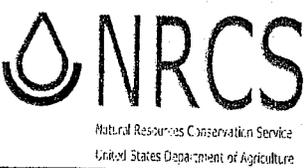
LEGEND

⊕ Borehole Locations

— Project Boundaries

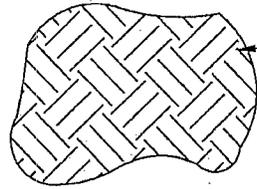


**BORING LOCATIONS
BS-24 TERRACING AND MARSH
CREATION SOUTH OF BIG MAR
PLAQUEMINES PARISH, LA**

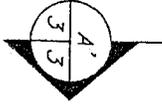


File No. _____
 Drawing No. _____
 9/20/13 1:52 PM
 Sheet 2 of 3

MATERIAL REMOVED FROM BOREHOLE



3" DIA. SOIL BORING



TYPICAL SOIL BORING - PLAN VIEW

NOT TO SCALE

NOTES:

1. AN AIRBOAT MOUNTED DRILL RIG WILL BE USED FOR ALL BORINGS.
2. BORE HOLES WILL BE BACKFILLED WITH BENTONITE GROUT.
3. MEAN HIGH WATER ELEVATION = +0.7' NAVD 88
 MEAN WATER ELEVATION = +0.6' NAVD 88
 MEAN LOW WATER ELEVATION = +0.5' NAVD 88

MATERIAL REMOVED FROM BOREHOLE



3" DIAMETER SOIL BORING
DEPTH VARIES (20'-80')

EXISTING GROUND



TYPICAL SOIL BORING SECTION A-A'

NOT TO SCALE

GEOTECHNICAL SAMPLING DETAILS
BS-24 TERRACING AND MARSH
CREATION SOUTH OF BIG MAR
PLAQUEMINES PARISH, LA



Natural Resources Conservation Service
United States Department of Agriculture

File No.

BS-24 Contour Paving
Drawing Sheet 3 of 3
Date: 09/18/13

Drawing No.

9/18/13 2:48 PM
Sheet 3 of 3

1. Activities authorized under this general permit shall not be used for piecemeal work and shall be applied to single and complete projects. All components of a single and complete project shall be treated together as constituting one single and complete project. All planned phases of multi-phased projects shall be treated together as constituting one single and complete project. This general permit shall not be used for any activity that is part of an overall project for which an individual permit is required.
2. No activity is authorized under this general permit which may adversely affect significant cultural resources listed or eligible for listing in the National Register of Historic Places until the requirements for Section 106 of the National Historic Preservation Act are met. Upon discovery of the presence of previously unknown historic and/or prehistoric cultural resources, all work must cease and the permittee must notify the State Historic Preservation Office and the Corps of Engineers. The authorization is suspended until it is determined whether or not the activity will have an adverse effect on cultural resources. The authorization may be reactivated or modified through specific conditions if necessary, if it is determined that the activity will have no adverse effect on cultural resources. The CEMVN-PGP authorization will be revoked if it is determined that cultural resources would be adversely affected, and an individual permit may be necessary.
3. The Chitimacha Tribe of Louisiana has stated that the project area is part of the aboriginal Chitimacha homelands. If during the course of work at the site, prehistoric and/or historic aboriginal cultural materials are discovered, the permittee will contact the Chitimacha Tribe of Louisiana at P.O. Box 661, Charenton, LA 70523, and CEMVN. CEMVN will initiate the required Federal, State, and Tribal coordination to determine the significance of the cultural materials and the need, if applicable, for additional cultural resource investigations.
4. There shall be no unreasonable interference with navigation by the existence or use of the activity authorized herein. The permittee will, at his or her expense, install and maintain any safety lights, signals, and signs prescribed by the United States Coast Guard, through regulations or otherwise, on authorized facilities or on equipment used in performing work under the authorization.
5. No activity may substantially disrupt the movement of those species of aquatic life indigenous to the water body, including those species which normally migrate through the area, unless the activity's primary purpose is to block or impound water.
6. If the proposed activity involves the installation of aerial transmission lines, submerged cable, or submerged pipelines across navigable waters of the United States the following is applicable:

The National Ocean Service (NOS) has been notified of this authorization. You must notify NOS and this office in writing, at least two weeks before you begin work and upon completion of the activity authorized by this permit. Your notification of completion must include a drawing which certifies the location and configuration of the completed activity (a certified permit drawing may be used). Notification to NOS will be sent to the following address: National Ocean Service, Office of Coast Survey, N/CS261, 1315 East West Highway, Silver Springs, Maryland 20910-3282.
7. For pipelines under an anchorage or a designated fairway in the Gulf of Mexico the following is applicable: The NOS has been notified of this authorization. You must notify NOS and this office in writing, at least two weeks before you begin work and upon completion of the activity authorized by this permit. Within 30 days of completion of the pipeline, 'as built' drawings certified by a professional engineer registered in Louisiana or by a registered surveyor shall be furnished to this office, the Commander (dpw), Eighth Coast Guard District, Hale Boggs Federal Building, 500 Poydras Street, Room 1230, New Orleans, Louisiana 70130, and to the Director, National Ocean Service, Office of Coast Survey, N/CS261, 1315 East West Highway, Silver Springs, Maryland 20910-3282. The plans must include the location, configuration and actual burial depth of the completed pipeline project.

20. Additional conditions deemed necessary to protect the public interest may be added to the general permit by the District Commander at any time. If additional conditions are added, the public will be advised by public notice. Individual authorizations under CEMVN-PGP may include special conditions deemed necessary to ensure minimal impact and compliance with CEMVN-PGP.

21. CEMVN-PGP is subject to periodic formal review by CEMVN and OCM in coordination with the Environmental Protection Agency, US Fish and Wildlife Service, the National Marine Fisheries Service, and the Louisiana Department of Wildlife and Fisheries. Comments from reviewing agencies will be considered in determination as to whether modifications to the general permit are needed. Should the District Commander make a determination not to incorporate a change proposed by a reviewing agency, after normal negotiations between the respective agencies, the District Commander will explain in writing to the reviewing agency the basis and rationale for his decision.

22. CEMVN retains discretion to review CEMVN-PGP, its terms, conditions, and processing procedures, and decide whether to modify, reissue, or revoke the permit. If CEMVN-PGP is not modified or reissued within 5 years of its effective date, it automatically expires and becomes null and void.

23. 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.

24. 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 as described in Special Condition 26 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.

25. 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.

26. If you sell the property associated with this permit, you must provide this office with a copy of the permit and a letter noting your agreement to transfer the permit to the new owner and the new owner's agreement to accept the permit and abide by all conditions of the permit. This letter must be signed by both parties.

27. 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.

28. 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.

29. In issuing authorizations under this permit, the federal government does not assume any liability for: damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes; 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; damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit, and; design or construction deficiencies associated with the permitted work.