



REPLY TO
ATTENTION OF

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

SEP 20 2013

Operations Division
Eastern Evaluation Section

Subject: MVN 2013-1950 EBB

Crescent Soil and Water Conservation District
Attention: Rebecca Livaudais
1041 Rue La Cannes
Luling, Louisiana 70070

Dear Ms. Livaudais,

The proposed work, drilling of twenty-two 3" geotechnical borings ranging from 20' to 80' deep in order to determine the properties of the subsurface of a planned marsh creation and its borrow areas, located in Lake Pontchartrain and adjacent to Bayou LaBranche, Norco, in St. Charles 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.

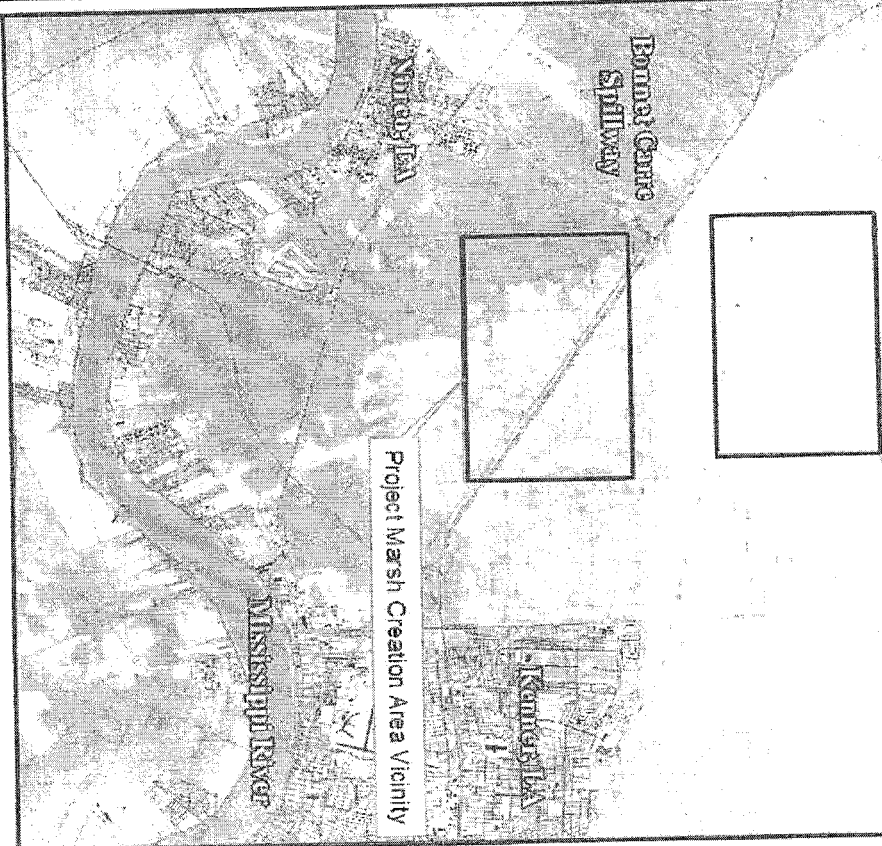
Should you have any further questions concerning this matter, please call Jennifer Burkett of this office at (504) 862-2045.

Sincerely,


Martin S. Mayer
Chief, Regulatory Branch

Enclosures

Project Borrow Area Vicinity



Project Marsh Creation Area Vicinity

VICINITY MAP

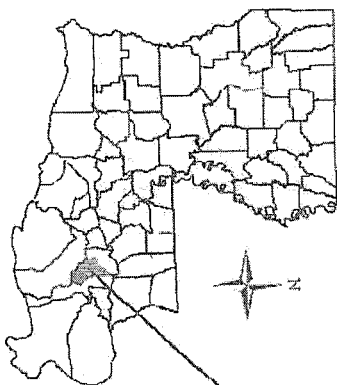
PO-133 LABRANCHE CENTRAL MARSH CREATION PROJECT

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

JULY 2013



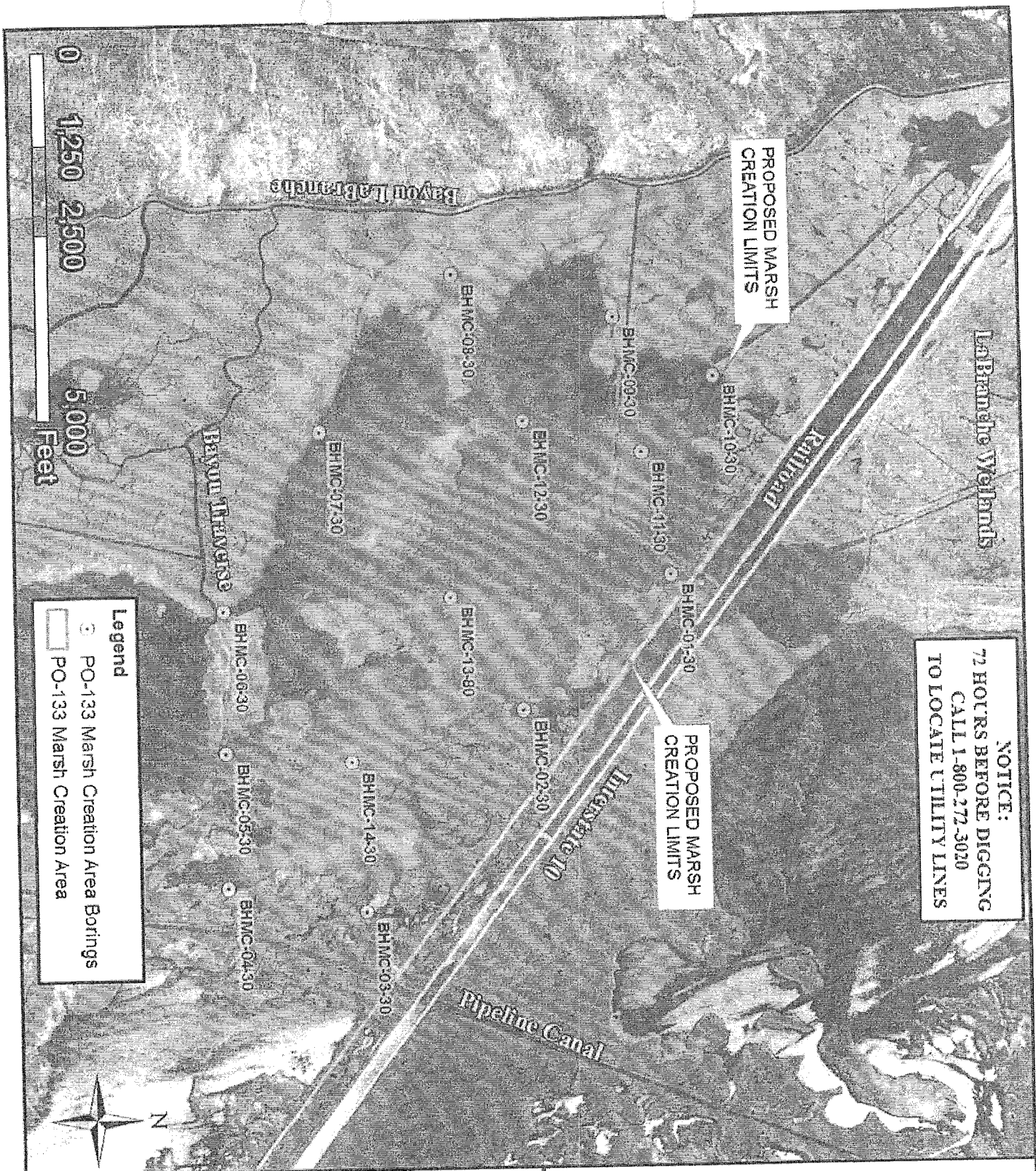
Location in Louisiana
St. Charles Parish

**Geotechnical Investigation Plan
PO-133 - LaBranche Central
Marsh Creation Project
St. Charles Parish, LA**

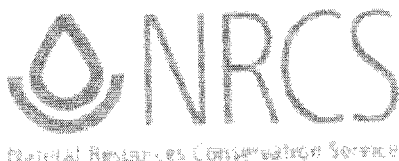


USDA - NRCS
Date: 07-01-2013
2010 Aerial Imagery

Sheet 1 of 5



**Marsh Creation Area
Boring Locations
PO-133 - LaBranche Central
Marsh Creation Project
St. Charles Parish, LA**

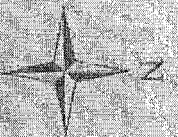


USDA - NRCS
Date: 07-01-2013
2010 Aerial Imagery

Sheet 2 of 5

LAKE PONTCHARTRAIN

NOTICE:
72 HOURS BEFORE DIGGING
CALL 1-800-272-3020
TO LOCATE UTILITY LINES



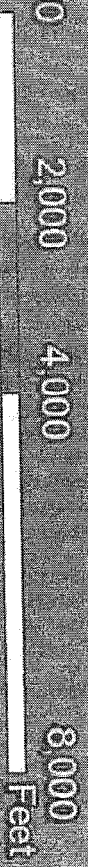
BHBA-01-20
BHBA-03-20
BHBA-04-20
BHBA-05-20
BHBA-06-20
BHBA-07-20
BHBA-08-20

PROPOSED BORROW
AREA LIMITS

NOTE: Boring locations in Lake Pontchartrain are approximate. Exact locations will be determined upon receipt of magnetometer survey data.

Legend

- Approximate PO-133 Borrow Area Boring Location
- PO-133 Borrow Search Area Boundary



Bonnet Carré Spillway

Interstate 10

Railroad

LaBranche Wetlands

Approximate Borrow Area
Boring Locations
PO-133 - LaBranche Central
Marsh Creation Project
St. Charles Parish, LA



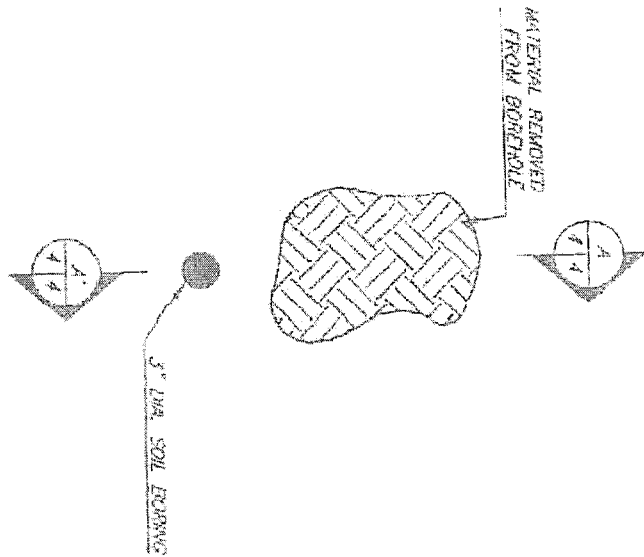
USDA - NRCS
Date: 07-01-2013
2010 Aerial Imagery

GEOTECHNICAL SAMPLING DETAILS							
BORE HOLE NAME	SAMPLE TYPE	SAMPLE DEPTH (FEET)	NORTHING	EASTING	VOLUME EXCAVATED (CY)	VOLUME REMOVED FROM SITE (CY)	VOLUME REMAINING ON SITE (CY)
BHMC-01-30	BORING	30	560167	3592662	0.05	0.04	0.01
BHMC-02-30	BORING	30	568161	3594482	0.05	0.04	0.01
BHMC-03-30	BORING	30	566009	3597172	0.05	0.04	0.01
BHMC-04-30	BORING	30	564128	3596834	0.05	0.04	0.01
BHMC-05-30	BORING	30	564131	3594997	0.05	0.04	0.01
BHMC-06-30	BORING	30	564136	3593075	0.05	0.04	0.01
BHMC-07-30	BORING	30	565471	3590672	0.05	0.04	0.01
BHMC-08-30	BORING	30	567280	3588586	0.05	0.04	0.01
BHMC-09-30	BORING	30	569448	3589175	0.05	0.04	0.01
BHMC-10-30	BORING	30	560766	3589974	0.05	0.04	0.01
BHMC-11-30	BORING	30	569798	3591021	0.05	0.04	0.01
BHMC-12-30	BORING	30	568217	3590567	0.05	0.04	0.01
BHMC-13-80	BORING	80	567204	3592929	0.15	0.08	0.07
BHMC-14-30	BORING	30	565835	3585141	0.05	0.04	0.01
BHBA-01-20	BORING	20	TBD	TBD	0.04	0.04	0.00
BHBA-02-20	BORING	20	TBD	TBD	0.04	0.04	0.00
BHBA-03-20	BORING	20	TBD	TBD	0.04	0.04	0.00
BHBA-04-20	BORING	20	TBD	TBD	0.04	0.04	0.00
BHBA-05-20	BORING	20	TBD	TBD	0.04	0.04	0.00
BHBA-06-20	BORING	20	TBD	TBD	0.04	0.04	0.00
BHBA-07-20	BORING	20	TBD	TBD	0.04	0.04	0.00
BHBA-08-20	BORING	20	TBD	TBD	0.04	0.04	0.00
TOTAL					1.15	0.94	0.21

Boring Details
PO-133 - LaBranche Central
Marsh Creation Project
St. Charles Parish, LA



USDA - NRCS
Date: 07-01-2013
2010 Aerial Imagery

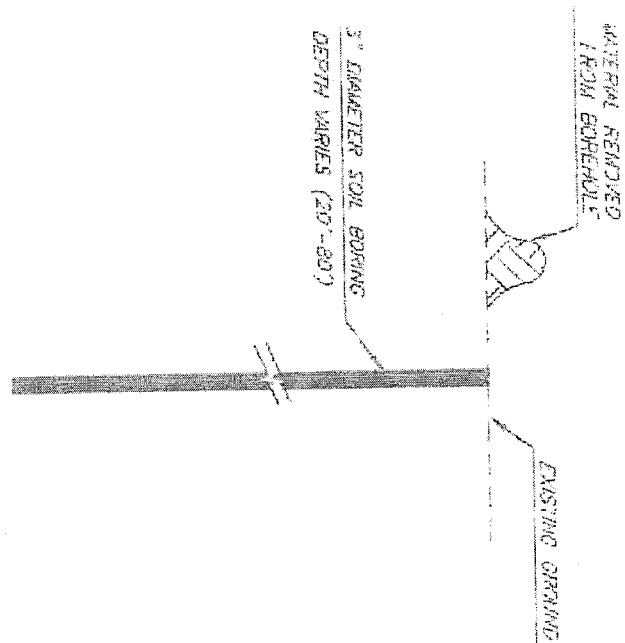


TYPICAL SOIL BORING - PLAN VIEW

NOT TO SCALE

NOTES:

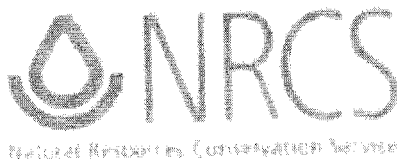
1. AN AIRBOAT MOUNTED DRILL RIG WILL BE USED FOR BORINGS TAKEN IN THE MARSH. A BARGE MOUNTED DRILL RIG WILL BE USED FOR BORINGS TAKEN IN LAKE PONCHARTRAIN.
2. BORINGS WILL BE BACKFILLED WITH BENTONITE GROUT.
3. MEAN HIGH WATER ELEVATION = -0.55' NAVD83
MEAN WATER ELEVATION = -0.33' NAVD83
MEAN LOW WATER ELEVATION = -0.11' NAVD83



TYPICAL SOIL BORING SECTION A-A'

NOT TO SCALE

Boring Details
PO-133 - LaBranche Central
Marsh Creation Project
St. Charles Parish, LA



USDA - NRCS
 Date: 07-01-2013
 2010 Aerial Imagery

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 waterbody, 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 National Ocean Service 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.

8. If the proposed project, or future maintenance work, involves the use of floating construction equipment (barge mounted cranes, barge mounted pile driving equipment, floating dredge equipment, dredge discharge pipelines, etc.) in a federally maintained waterway, you are advised to notify the Eighth Coast Guard District so that a Notice to Mariners, if required, may be prepared. Notification with a copy of your permit approval and drawings should be mailed to the Commander (dpw), Eighth Coast Guard District, Hale Boggs Federal Building, 500 Poydras Street, Room 1230, New Orleans, Louisiana 70130, about 1 month before you plan to start work. Telephone inquiries can be directed to (504) 671-2112.

9. All activities authorized herein shall, if they involve, during their construction or operation, any discharge of pollutants into waters of the United States, be at all times consistent with applicable water quality standards, effluent limitations and standards of performance, prohibitions, pretreatment standards and management practices established pursuant to the Clean Water Act (PL 92-500: 86 Stat 816), or pursuant to applicable state and local laws.

10. Substantive changes to the Louisiana Coastal Resources Program may require immediate suspension and revocation of this permit in accordance with 33 CFR 325.7.

11. Irrespective of whether a project meets the other conditions of this permit, the Corps of Engineers retains discretionary authority to require an individual Department of the Army permit when circumstances of the proposal warrant this requirement.

12. Any individual authorization granted under this permit may be modified, suspended, or revoked in whole or in part if the Secretary of the Army or his authorized representative determines that there has been a violation of any of the terms or conditions of this permit or that such action would otherwise be in the public interest.

13. The Corps of Engineers may suspend, modify, or revoke this general permit if it is found in the public interest to do so.

14. Activities proposed for authorization under the PGP must comply with all other necessary federal, state, and/or local permits, licenses, or approvals. Failure to do so would result in a violation of the terms and conditions of CEMVN-PGP.

15. The permittee shall permit the District Commander or his authorized representative(s) or designee(s) to make periodic inspections of the project site(s) and disposal site(s) if different from the project site(s) at any time deemed necessary in order to assure that the activity being performed under authority of this permit is in accordance with the terms and conditions prescribed herein.

16. This general permit does not convey any property rights, either in real estate or material, or any exclusive privileges; and it does not authorize any injury to property or invasion of rights or any infringement of federal, state, or local laws or regulations nor does it obviate the requirements to obtain state or local assent required by law for the activity authorized herein.

17. In issuing authorizations under this permit, the federal government will rely upon information and data supplied by the applicant. If, subsequent to the issuance of an authorization, such information and data prove to be false, incomplete, or inaccurate, the authorization may be modified, suspended, or revoked, in whole or in part.

18. For activities resulting in sewage generation at the project site, such sewage shall be processed through a municipal sewage treatment system or, in areas where tie-in to a municipal system is not practical, the on-site sewerage system must be approved by the local parish sanitarian before construction.

19. Any modification, suspension, or revocation of CEMVN-PGP, or any individual authorization granted under this permit, will not be the basis for any claim for damages against the United States.

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 owners 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.