



REPLY TO  
ATTENTION OF

**DEPARTMENT OF THE ARMY**  
CORPS OF ENGINEERS, NEW ORLEANS DISTRICT  
7400 LEAKE AVENUE  
NEW ORLEANS, LOUISIANA 70118

December 3, 2019

Operations Division  
Central Evaluation Section

Subject: MVN 2017-01479-CE (PGP II)

Coastal Protection and Restoration Authority  
150 Terrace Avenue  
Baton Rouge, LA 70802

Dear Mr. Dobson:

The proposed work to conduct geotechnical borings in 54 locations for the determination of constructability of the installation of seven marsh creation cells located in Lake Jesse and Caminada Bay near Leesville, Louisiana at Latitude: 29.257883, Longitude: -90.189931 and Latitude 29.263158, Longitude -90.091856 in Lafourche Parish, as shown on the enclosed drawings, is authorized under **Category II** of the **Programmatic General Permit** provided that all conditions of the permit are met. This authorization supersedes that which was granted by MVN-2017-01479-CE in letter dated January 11, 2018.

This authorization has a blanket water quality certification from the Louisiana Department of Environmental Quality; therefore, no additional authorization from DEQ is required.

However, 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.

In addition to the enclosed standard PGP special conditions dated 16 May 2017, the following conditions have been made part of this authorization:

1. The permittee shall limit clearing, excavation and the placement of fill material to areas essential to the project. The remainder of the area shall be left in its natural state. If the authorized project requires any additional work not expressly permitted herein, or impacts any wetlands (or "other waters of the US") other than the areas indicated on the attached drawings, the permittee must apply for an amendment to this authorization prior to commencement of work.
2. Any changes in the project configuration as a result of local approvals must be documented and appropriate drawings provided to this District office for incorporation into the permit file.

3. Construction activities shall not cause more than minimal and temporal water quality degradation of any adjacent wetland, stream, or water body. Appropriate erosion and siltation controls must be utilized during construction to prevent sediment runoff into adjacent wetlands and waterways. Sediment control techniques could include but are not limited to the use of secured hay bales, sediment fencing, wooden or vinyl barriers, and/or seeding of disturbed areas. These structures should be maintained in effective operating condition until sediments are stabilized by vegetation and other impervious surfacing.
4. The permittee shall adhere to the enclosed Standard Manatee Conditions for In-Water Activities as per the Standard Local Operating Procedure for Endangered Species in Louisiana (SLOPES), dated October 22, 2014, between the U.S. Army Corps of Engineers, New Orleans and U.S. Fish and Wildlife Service, Ecological Services Office.
5. The project area has been identified as an area of interest for federally recognized Native American Tribes. If during the course of work at the site, prehistoric and/or historic aboriginal cultural materials are discovered, the permittee shall cease work immediately and contact the New Orleans District Army Corps of Engineers (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.

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 contact Patricia Clune by email at [Patricia.R.Clune@usace.army.mil](mailto:Patricia.R.Clune@usace.army.mil) or by phone at (504) 862-1577.

Sincerely,

For Martin S. Mayer  
Chief, Regulatory Branch

Enclosure

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 PGP authorization will be revoked if it is determined that cultural resources would be adversely affected, and an individual permit may be necessary.
3. 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.
4. 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.
5. If the **authorized** 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 Spring, Maryland 20910-3282.

6. 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 Spring, Maryland 20910-3282. The plans must include the location, configuration and actual burial depth of the completed pipeline project.

7. If the **authorized** 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 the 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 the Eighth Coast Guard District, Waterways Management at (504) 671-2107.

8. 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.

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

10. 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.

11. 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.

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

13. 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 PGP.

14. 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.

15. 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.

16. 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.

17. 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.

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

19. 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 the PGP may include special conditions deemed necessary to ensure minimal impact and compliance with the PGP.

20. The PGP is subject to periodic formal review by MVN 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.

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

22. 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.

23. 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 25 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.

24. 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.

25. 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.

26. 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.

27. 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.

## **STANDARD MANATEE CONDITIONS FOR IN-WATER ACTIVITIES**

During in-water work in areas that potentially support manatees all personnel associated with the project shall be instructed about the potential presence of manatees, manatee speed zones, and the need to avoid collisions with and injury to manatees. All personnel shall be advised that there are civil and criminal penalties for harming, harassing, or killing manatees which are protected under the Marine Mammal Protection Act of 1972 and the Endangered Species Act of 1973. Additionally, personnel shall be instructed not to attempt to feed or otherwise interact with the animal, although passively taking pictures or video would be acceptable.

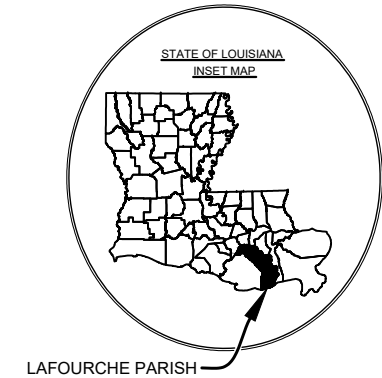
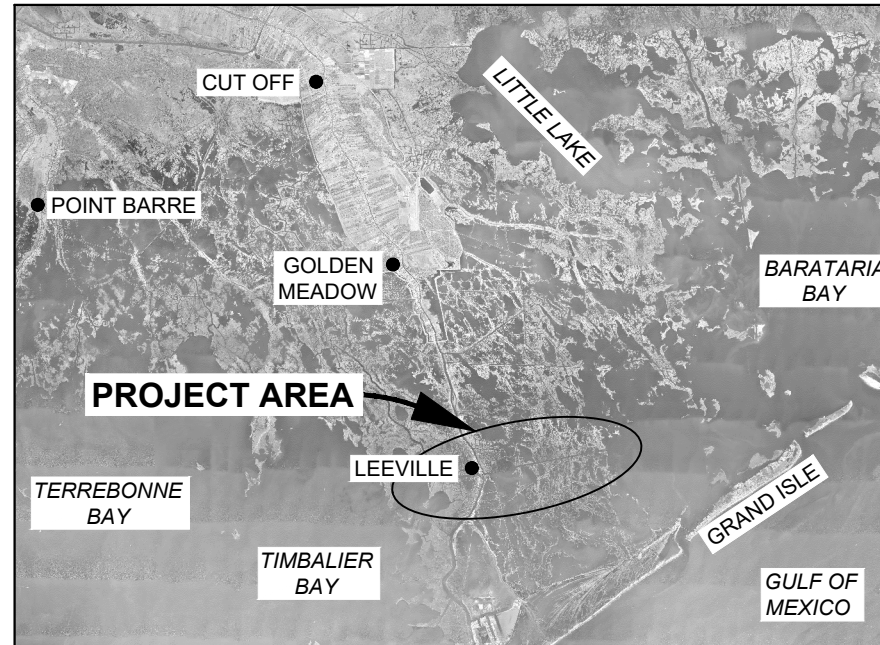
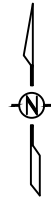
All on-site personnel are responsible for observing water-related activities for the presence of manatee(s). We recommend the following to minimize potential impacts to manatees in areas of their potential presence:

- All work, equipment, and vessel operation shall cease if a manatee is spotted within a 50-foot radius (buffer zone) of the active work area. Once the manatee has left the buffer zone on its own accord (manatees must not be herded or harassed into leaving), or after 30 minutes have passed without additional sightings of manatee(s) in the buffer zone, in-water work can resume under careful observation for manatee(s).
- If a manatee(s) is sighted in or near the project area, all vessels associated with the project shall operate at “no wake/idle” speeds within the construction area and at all times while in waters where the draft of the vessel provides less than a four-foot clearance from the bottom. Vessels shall follow routes of deep water whenever possible.
- If used, siltation or turbidity barriers shall be properly secured, made of material in which manatees cannot become entangled, and be monitored to avoid manatee entrapment or impeding their movement.
- Temporary signs concerning manatees shall be posted prior to and during all in-water project activities and removed upon completion. Each vessel involved in construction activities shall display at the vessel control station or in a prominent location, visible to all employees operating the vessel, a temporary sign at least 8½" X 11" reading language similar to the following: “CAUTION BOATERS: MANATEE AREA/ IDLE SPEED IS REQUIRED IN CONSTRUCTION AREA AND WHERE THERE IS LESS THAN FOUR FOOT BOTTOM CLEARANCE WHEN MANATEE IS PRESENT”. A second temporary sign measuring 8½" X 11" shall be posted at a location prominently visible to all personnel engaged in water-related activities and shall read language similar to the following: “CAUTION: MANATEE AREA/ EQUIPMENT MUST BE SHUTDOWN IMMEDIATELY IF A MANATEE COMES WITHIN 50 FEET OF OPERATION”.
- Collisions with, injury to, or sightings of manatees shall be immediately reported to the Service’s Louisiana Ecological Services Office (337/291-3100) and the Louisiana Department of Wildlife and Fisheries, Natural Heritage Program (225/765-2821). Please provide the nature of the call (i.e., report of an incident, manatee sighting, etc.); time of incident/sighting; and the approximate location, including the latitude and longitude coordinates, if possible.

# INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	SOIL BORING/CPT LAYOUT
3	TYPICAL SECTIONS

## STATE OF LOUISIANA COASTAL PROTECTION AND RESTORATION AUTHORITY EAST LEEVILLE MARSH CREATION AND NOURISHMENT PROJECT BA-194 LAFOURCHE PARISH



# DATA COLLECTION PERMIT

APPLICATION BY: CPRA P.O. BOX 44027 BATON ROUGE, LA 70804	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	EAST LEEVILLE MARSH CREATION AND NOURISHMENT PROJECT	TITLE SHEET
DRAWN BY: K. CANTU	DESIGNED BY: T. BYLAND, P.E. P.E. NO. 0038054	STATE PROJECT NUMBER: BA-194 APPROVED BY: R. SIMONEAUX, P.E.	DATE: SEPT. 2017 SHEET 1 OF 3

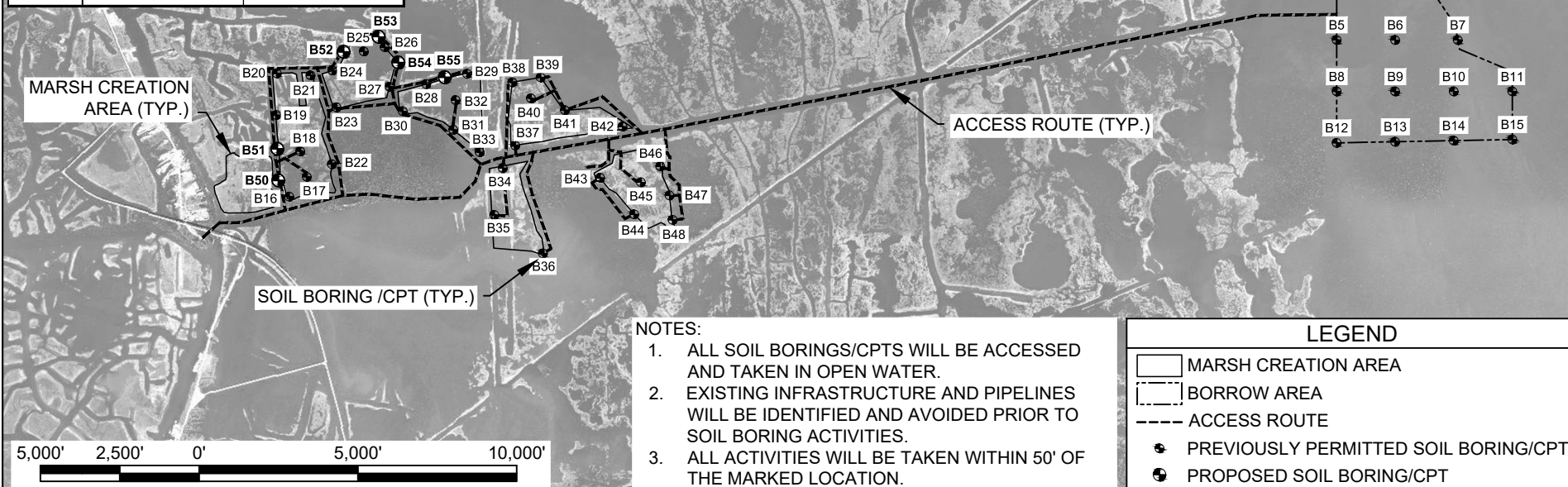


# PREVIOUSLY PERMITTED SOIL BORING/CPT COORDINATES

	LATITUDE	LONGITUDE		LATITUDE	LONGITUDE		LATITUDE	LONGITUDE		LATITUDE	LONGITUDE
B1	29° 16' 19.64"	90° 05' 51.10"	B13	29° 15' 15.64"	90° 05' 31.07"	B25	29° 15' 47.14"	90° 11' 37.37"	B37	29° 15' 17.35"	90° 10' 43.87"
B2	29° 16' 19.45"	90° 05' 30.28"	B14	29° 15' 15.79"	90° 05' 10.26"	B26	29° 15' 48.37"	90° 11' 29.95"	B38	29° 15' 37.04"	90° 10' 44.69"
B3	29° 16' 03.61"	90° 05' 51.29"	B15	29° 15' 15.94"	90° 04' 49.45"	B27	29° 15' 36.05"	90° 11' 28.39"	B39	29° 15' 38.47"	90° 10' 34.64"
B4	29° 16' 03.41"	90° 05' 30.48"	B16	29° 15' 02.09"	90° 12' 04.44"	B28	29° 15' 36.75"	90° 11' 15.31"	B40	29° 15' 31.99"	90° 10' 38.14"
B5	29° 15' 47.57"	90° 05' 51.49"	B17	29° 15' 08.22"	90° 11' 58.10"	B29	29° 15' 39.83"	90° 11' 00.80"	B41	29° 15' 28.20"	90° 10' 26.11"
B6	29° 15' 47.37"	90° 05' 30.68"	B18	29° 15' 16.20"	90° 12' 00.33"	B30	29° 15' 28.38"	90° 11' 23.75"	B42	29° 15' 22.89"	90° 10' 05.71"
B7	29° 15' 47.16"	90° 05' 08.43"	B19	29° 15' 27.59"	90° 12' 08.70"	B31	29° 15' 22.41"	90° 11' 05.86"	B43	29° 15' 06.98"	90° 10' 13.86"
B8	29° 15' 31.53"	90° 05' 51.69"	B20	29° 15' 40.56"	90° 12' 08.40"	B32	29° 15' 31.65"	90° 11' 04.94"	B44	29° 14' 55.50"	90° 10' 01.85"
B9	29° 15' 31.33"	90° 05' 30.88"	B21	29° 15' 39.84"	90° 11' 56.42"	B33	29° 15' 15.38"	90° 10' 56.52"	B45	29° 15' 05.47"	90° 09' 59.35"
B10	29° 15' 31.14"	90° 05' 10.07"	B22	29° 15' 12.05"	90° 11' 49.14"	B34	29° 15' 10.35"	90° 10' 48.38"	B46	29° 15' 10.35"	90° 09' 52.40"
B11	29° 15' 30.94"	90° 04' 49.26"	B23	29° 15' 29.78"	90° 11' 47.26"	B35	29° 14' 55.76"	90° 10' 51.60"	B47	29° 15' 01.29"	90° 09' 49.21"
B12	29° 15' 15.49"	90° 05' 51.89"	B24	29° 15' 41.31"	90° 11' 48.62"	B36	29° 14' 43.59"	90° 10' 34.44"	B48	29° 14' 53.64"	90° 09' 48.21"

## PROPOSED SOIL BORING COORDINATES

	LATITUDE	LONGITUDE
B50	29° 15' 07.18"	90° 12' 08.22"
B51	29° 15' 17.03"	90° 12' 08.45"
B52	29° 15' 47.06"	90° 11' 44.59"
B53	29° 15' 51.64"	90° 11' 32.05"
B54	29° 15' 43.55"	90° 11' 25.16"
B55	29° 15' 38.84"	90° 11' 08.69"



APPLICATION BY:

CPRA  
P.O. BOX 44027  
BATON ROUGE, LA 70804

## COASTAL PROTECTION AND RESTORATION AUTHORITY

150 TERRACE AVENUE  
BATON ROUGE, LOUISIANA 70802

EAST LEEVILLE MARSH CREATION  
AND NOURISHMENT PROJECT

SOIL BORING/CPT  
LAYOUT

STATE PROJECT NUMBER: BA-194

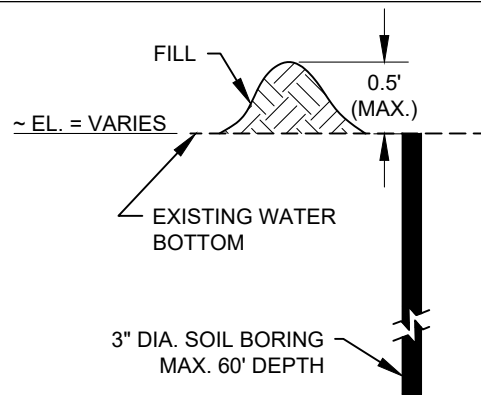
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DRAWN BY: K. CANTU

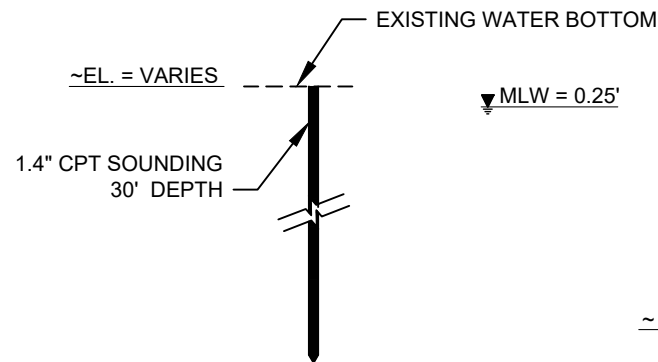
DESIGNED BY: T. BYLAND, P.E. P.E. NO. 0038054

APPROVED BY: R. SIMONEAUX, P.E.

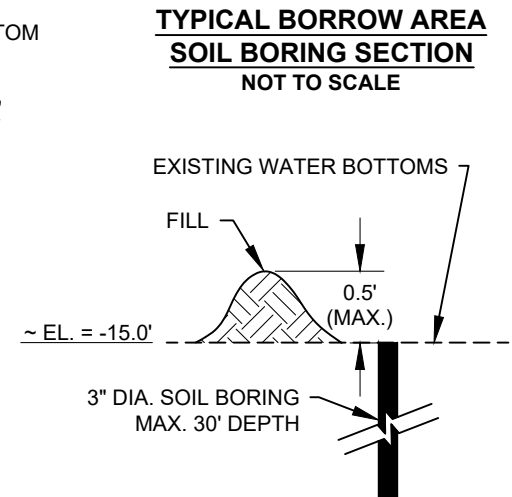
SHEET 2 OF 3



**TYPICAL MARSH CREATION  
AREA SOIL BORING SECTION**  
NOT TO SCALE



**TYPICAL CPT  
SOUNDING SECTION**  
NOT TO SCALE



**TYPICAL BORROW AREA  
SOIL BORING SECTION**  
NOT TO SCALE

**NOTES:**

1. AS-BUILT DRAWINGS AND/OR PLATS SHALL HAVE WRITTEN ON THEM THE DATE OF COMPLETION OF SAID ACTIVITIES AND SHALL BE SUBMITTED TO THE LOUISIANA DEPARTMENT OF NATURAL RESOURCES, OFFICE OF COASTAL MANAGEMENT, P. O. BOX 44487, BATON ROUGE, LA 70804-4487 WITHIN 30 DAYS FOLLOWING PROJECT COMPLETION.
2. ALL STRUCTURES BUILT UNDER THE AUTHORIZATION AND CONDITIONS OF THIS PERMIT SHALL BE REMOVED FROM THE SITE WITHIN 120 DAYS OF ABANDONMENT OF THE FACILITIES FOR THE HEREIN PERMITTED USE, OR WHEN THESE STRUCTURES FALL INTO A STATE OF DISREPAIR SUCH THAT THEY CAN NO LONGER FUNCTION AS INTENDED. THIS CONDITION DOES NOT PRECLUDE THE NECESSITY FOR REVISING THE CURRENT PERMIT OR OBTAINING A SEPARATE COASTAL USE PERMIT, SHOULD ONE BE REQUIRED, FOR SUCH REMOVAL ACTIVITIES.
3. STRUCTURES MUST ALSO BE MARKED/LIGHTED IN ACCORDANCE WITH U. S. COAST GUARD REGULATIONS.
4. IN ORDER TO ENSURE THE SAFETY OF ALL PARTIES, THE PERMITTEE SHALL CONTACT THE LOUISIANA ONE CALL SYSTEM (1-800-272-3020) A MINIMUM OF 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION (DIGGING, DREDGING, JETTING, ETC.) OR DEMOLITION ACTIVITY.
5. CONE PENETRATION TEST (CPT) WILL NOT YIELD ANY CUT NOR FILL.
6. APPROXIMATELY 0.1 CY OF MATERIAL WILL BE EXCAVATED FOR EACH SOIL BORING. THIS MATERIAL WILL BE TRANSPORTED TO A LAB FOR TESTING AND DISPOSED OF AT AN APPROVED WASTE FACILITY. EACH BORE HOLE WILL BE BACKFILLED WITH A BENTONITE GROUT PER LA STATUTORY REGULATIONS.
7. ALL EQUIPMENT USED WILL REMAIN IN THE OPEN WATER.
8. THE DRILL RIG TO COLLECT SOIL BORINGS WILL BE ON AN AIRBOAT WITH A DRAFT OF APPROXIMATELY 1.5' TO 2'. THE AIRBOAT IS 10' WIDE BY 15' IN LENGTH.
9. BOTTOM ELEVATION VARIES ACROSS PROJECT AREA. BORROW AREA WATER DEPTH ESTIMATED TO BE 6'-15'. MARSH CREATION AREA WATER DEPTH ESTIMATED TO BE 0'-3'.
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APPLICATION BY: CPRA P.O. BOX 44027 BATON ROUGE, LA 70804	<b>COASTAL PROTECTION &amp; RESTORATION AUTHORITY</b> 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801	EAST LEEVILLE MARSH CREATION AND NOURISHMENT PROJECT	TYPICAL SECTIONS
		STATE PROJECT NUMBER: BA-194	DATE: SEPT. 2017
DRAWN BY: K. CANTU	DESIGNED BY: T. BYLAND, P.E. P.E. NO. 0038054	APPROVED BY: R. SIMONEAUX, P.E.	SHEET 3 OF 3