September 26, 2019

Operations Division
Central Evaluation Section

SUBJECT: MVN 2014-02026-CE

Louisiana Coastal Protection and Restoration Authority
Post Office Box 44027
Baton Rouge, Louisiana  70804

Dear Mr. Dobson:

Revised plans enclosed in twelve (12) sheets, furnished with your permit application dated June 5, 2019, covering additional dredge and fill activities to implement CWPPRA Project BA-0171 (Caminada Headland Back Barrier Marsh Creation Project) and will now combine the adjoining Caminada Headland Back Barrier Marsh Creation Increment 1 Project (BA-193) as one project, located on the Caminada Headland near Port Fourchon, Louisiana in Lafourche Parish, are approved and will be included in your plans for the work authorized by the Secretary of the Army in the permit dated June 13, 2019, from the District Commander at New Orleans, Louisiana, to dredge and deposit earthen material to implement CWPPRA Project BA-0171 as described above. These drawings will supersede your original permitted drawings.

The conditions to which the work is made subject, including the time limit for completion, remain in full force and effect.

A copy of this permit approval letter must be conspicuously displayed at the project site. Also, you must keep a copy of this signed letter, with attached drawings, at the project site until the work is completed.

BY AUTHORITY OF THE SECRETARY OF THE ARMY:

Martin S. Mayer
Chief, Regulatory Branch
for
Stephen F. Murphy
Colonel, U.S. Army
District Commander

Enclosures
INDEX TO SHEETS

<table>
<thead>
<tr>
<th>SHEET NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TITLE SHEET</td>
</tr>
<tr>
<td>2</td>
<td>PROJECT LAYOUT</td>
</tr>
<tr>
<td>3</td>
<td>BORROW AREA LAYOUT</td>
</tr>
<tr>
<td>4 - 4A</td>
<td>MARSH CREATION AREA LAYOUT</td>
</tr>
<tr>
<td>5</td>
<td>BORROW AREA TYPICAL SECTIONS</td>
</tr>
<tr>
<td>6 - 6A</td>
<td>MARSH CREATION AREA TYPICAL SECTIONS</td>
</tr>
<tr>
<td>7</td>
<td>DEWATERING AREA TYPICAL SECTION &amp; GEOTEXTILE DETAILS</td>
</tr>
<tr>
<td>8</td>
<td>PIPELINE CROSSING DETAIL</td>
</tr>
<tr>
<td>9</td>
<td>SETTLEMENT PLATE DETAILS</td>
</tr>
<tr>
<td>10</td>
<td>NOTES</td>
</tr>
</tbody>
</table>

PERMIT MODIFICATION
1. ADDED SHEETS 4A AND 6A TO THE SHEET INDEX.
PERMIT MODIFICATION
1. EXPANDED THE MARSH CREATION AREA TO THE NORTHEAST.
2. RELOCATED THE DEWATERING AREA TO THE EAST.
3. MODIFIED THE NORTHEAST DREDGE PIPELINE CORRIDOR.

NOTE:
EQUIPMENT USED WITHIN THE MARSH CREATION AREA
WILL DRAFT NO MORE THAN 4 FEET AND EQUIPMENT
USED OFFSHORE WILL DRAFT NO MORE THAN 10 FEET.
NOTE: NO CONSTRUCTION EQUIPMENT SHALL BE ALLOWED IN THE POTENTIAL MARSH NOURISHMENT AREA.

LEGEND

- PREVIOUSLY PERMITTED MARSH CREATION AREA
- EXPANDED MARSH CREATION AREA
- BORROW AREA
- DREDGE PIPELINE CORRIDOR
- EARTHEN CONTAINMENT DIKE
- CONSTRUCTED DUNE (BA-45)

PERMIT MODIFICATION

1. EXPANDED THE MARSH CREATION AREA TO THE NORTHEAST.
2. RELOCATED THE DEWATERING AREA TO THE EAST.
3. MODIFIED THE NORTHEAST DREDGE PIPELINE CORRIDOR.

PREVIOUSLY PERMITTED MARSH CREATION AREA
EXPANDED MARSH CREATION AREA
BORROW AREA
DREDGE PIPELINE CORRIDOR CENTERLINE
EARTHEN CONTAINMENT DIKE
CONSTRUCTED DUNE (BA-45)
NOTE: THE EARTHEN CONTAINMENT DIKE BETWEEN POINTS 8-10, 16-18, AND 27-28 REQUIRE GEOTEXTILE FABRIC.
PERMIT MODIFICATION
1. EXPANDED THE MARSH CREATION AREA TO THE NORTHEAST.
2. RELOCATED THE DEWATERING AREA TO THE EAST.
3. MODIFIED THE NORTHEAST DREDGE PIPELINE CORRIDOR.

EXPANDED MARSH CREATION AREA
DEWATERING AREA
DREDGE PIPELINE ALIGNMENT CENTERLINE
CONSTRUCTED DUNE (BA-45)
DREDGE PIPELINE ALIGNMENT
Earthen Containment Dike Without Geotextile Fabric
Earthen Containment Dike Borrow Area
Equipment Access Corridor

Earthen Containment Dike Centerline Coordinates

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</tbody>
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APPLICATION BY:
COASTAL PROTECTION & RESTORATION AUTHORITY
P.O. BOX 44027
BATON ROUGE, LA 70804

DESIGNED BY:  A. TAYLOR, P.E.  041999

APPROVED BY:  S. HAYNES, P.E.
TYPICAL SECTION - MARSH CREATION AREA

PERMIT MODIFICATION

1. REVISED EARTHEN CONTAINMENT DIKE CROWN ELEVATION TO 3.5'.
2. REVISED CONSTRUCTION MARSH FILL ELEVATION TO 2.5'.

LEGEND

- MARSH CREATION AREA
- EARTHEN CONTAINMENT DIKE
- EARTHEN CONTAINMENT DIKE BORROW AREA
- GEOTEXTILE FABRIC
- EXISTING GROUND

1. TOP WIDTHS OF ECD BORROW AREA AND BOTTOM WIDTH OF ECD VARY DEPENDENT ON FIELD CONDITIONS.
PERMIT MODIFICATION

1. TYPICAL SECTION FOR THE EXPANDED PORTION OF THE MARSH CREATION AREA.

LEGEND

- MARSH CREATION AREA
- EARTHEN CONTAINMENT DIKE
- EARTHEN CONTAINMENT DIKE BORROW AREA
- GEOTEXTILE FABRIC
- EXISTING GROUND

1. TOP WIDTHS OF ECD BORROW AREA AND BOTTOM WIDTH OF ECD VARY DEPENDENT ON FIELD CONDITIONS.
NOTE:
1. THE DEWATERING AREA SHALL BE PRIMARILY USED FOR DECANTING WATER FROM THE MCA. NO CONSTRUCTION SHALL DIRECTLY OCCUR WITHIN THE THIS AREA.
MARSH PIPELINE CROSSING DETAIL
N.T.S

EXISTING GRADE
EL. = VARIES

SECTION VIEW

OFFSHORE PIPELINE CROSSING DETAIL
N.T.S

APPROX. WATER EL.

SECTION VIEW

LEGEND

DREDGE PIPELINE

EXISTING GRADE
EL. = VARIES

PONTOON

EXISTING PIPELINE

APPROX. WATER EL.

MLW = -0.59'
MHW = 0.84'

150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70802

COASTAL PROTECTION AND RESTORATION AUTHORITY
P.O. BOX 44027
BATON ROUGE, LA 70804

K. CANTUA. TAYLOR, P.E.  041999S. HAYNES, P.E.

JUNE 2018

APPLICATION BY:
COASTAL PROTECTION & RESTORATION AUTHORITY
P.O. BOX 44027
BATON ROUGE, LA 70804

DESIGNED BY:  A. TAYLOR, P.E.  041999

K. CANTUA

DRAWN BY:  K. CANTUA

STATE PROJECT NUMBER:  BA-0171

PIERCE CHEN

P.O. BOX 44027
BATON ROUGE, LA 70804

DESIGNED BY:  A. TAYLOR, P.E.  041999

K. CANTUA

DRAWN BY:  K. CANTUA

STATE PROJECT NUMBER:  BA-0171

PIECE CHEN
3" DIAMETER RISER PIPE WITH CAP

THREADED OR WELDED CAP

3" NOM. PIPE (SCHEDULE 40) GALVANIZED

3/16" CONTINUOUS WELD

1/4" 4' x 4' x 1/4" PLATE

EARTHEN RIDGE

MARSH CREATION SETTLEMENT PLATE

NOT TO SCALE

APPLICATION BY:
COASTAL PROTECTION & RESTORATION AUTHORITY
P.O. BOX 44027
BATON ROUGE, LA 70804

DESIGNED BY: A. TAYLOR, P.E. 041999

APPROVED BY: S. HAYNES, P.E.

DATE: JUNE 2018

SHEET 9 OF 10
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. TRACKED EQUIPMENT SHALL HAVE A MAXIMUM DIMENSION OF 34 FEET LONG AND 15 FEET WIDE.

6. THE CONTRACTOR SHALL DECENT SUPERNATANT WATER INTO THE DEWATERING AREA USING STRUCTURES SUCH AS WEIRS OR SPILL BOXES. THE
LOSS OF FINE-GRAINED MATERIAL MAY BE FURTHER REDUCED THROUGH THE USE OF INTERNAL TRAINING DIKES, HAY BALES, OR SILT FENCES.