COASTAL PROTECTION & RESTORATION AUTHORITY

APRIL 2021

GOOSE POINT / POINT PLATTE MARSH CREATION (PO-0033) & BAYOU BONFOUCA MARSH CREATION (PO-0104)

TIDAL FEATURES MAINTENANCE PROJECT

Prepared By:
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Baton Rouge, Louisiana 70802
(225) 766-7400
Providence Project No. 810-002
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<td>5</td>
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</tr>
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<tr>
<td>F</td>
</tr>
</tbody>
</table>
1.0 LOCATION AND PROJECT DESCRIPTION

The Goose Point / Point Platte Marsh Creation Project (PO-0033) & Bayou Bonfouca Marsh Creation Project (PO-0104) Tidal Features Maintenance Project are located on the north shore of Lake Pontchartrain near Slidell, Louisiana. The marsh creation maintenance areas are located near the mouth of Bayou Bonfouca and on the east and west sides of Bayou Lacombe within the Big Branch Marsh National Wildlife Refuge.

The purpose of the project was to re-establish hydraulic connections and water flow to some previously constructed marsh creation areas. These marsh creation areas were constructed within earthen containment dikes, which are necessary to contain material during construction but limit the flow of water. Over time, some of the hydraulic connections that were present shortly after the original construction projects (natural or excavated) have silted in. In addition, areas that have not developed tidal interchange over time have been manipulated to establish water connections for tidal interchange for the first time since the MCAs were built. This involved the construction of approximately 8,300 linear feet of tidal creeks and the installation of 24 dike gaps. In addition, the project included the deepening and reshaping of two small ponds located on private property on the east side of the project. This maintenance project was performed to both improve and re-establish hydraulic connection to previously constructed marsh creation areas to ensure that these features continue to thrive.

2.0 CONSTRUCTION CONTRACT, CONTRACTORS AND CONSULTANTS

2.1 Prime Construction Contractor

The Prime Construction Contractor for this project was:

Marsh Buggies, Inc.
2018 Engineers Road
Belle Chasse, LA 70037

The Construction Contract can be found in Appendix A.

2.2 Construction Sub-Contractors

Subcontractors for this project included:

HydroTerra Technologies, LLC
202 Jacobs Run
Scott, LA 70508

Activity: Pre-Construction Surveys, Final As-Built Surveys
2.3 Construction Administration and Inspection Consultant

The construction administration and inspection consultant for this project was Providence Engineering and Environmental Group LLC (Providence). Providence was a subconsultant to Duplantis Design Group (DDG).

3.0 PROJECT COSTS

3.1 Construction Cost

Below is a comparison of the original construction contract cost and the adjusted final project cost based on change orders executed during the construction activities for this project.

Table 1: Construction Cost and Duration

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Original Construction Contract Cost</td>
<td>$248,199.89</td>
<td>60</td>
</tr>
<tr>
<td>Change Order No. 01</td>
<td>$21,063.04</td>
<td>10</td>
</tr>
<tr>
<td>Change Order No. 02</td>
<td>$6,470.00</td>
<td>4</td>
</tr>
<tr>
<td>Change Order No. 03</td>
<td>$204,772.90</td>
<td>40</td>
</tr>
<tr>
<td>Change Order No. 04</td>
<td>No Cost</td>
<td>31</td>
</tr>
<tr>
<td>Final Construction Contract Cost</td>
<td>$480,505.83</td>
<td>145</td>
</tr>
</tbody>
</table>

3.2 Construction Administration and Inspection Services

Below is a table that contains the original estimated and final construction administration and inspection costs for this project. Providence Engineering and Environmental Group LLC (Providence) was responsible for the construction administration and inspection services for this project. Providence was a subconsultant to Duplantis Design Group (DDG).

Table 2: Construction Administration and Inspection Services Costs

<table>
<thead>
<tr>
<th>Description</th>
<th>Original</th>
<th>Additional</th>
<th>Final</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction Administration</td>
<td>$34,796</td>
<td>$11,210</td>
<td>$46,006</td>
</tr>
<tr>
<td>Construction Inspection</td>
<td>$34,380</td>
<td>$16,128</td>
<td>$50,508</td>
</tr>
<tr>
<td>Total</td>
<td>$69,176</td>
<td>$27,338</td>
<td>$96,514</td>
</tr>
</tbody>
</table>
4.0 ITEMS OF WORK

The original project items of work, as contained in the original construction contract, and the final project quantities and costs, are included in Table 3 below.

Table 3: Marsh Buggies, Inc. Items of Work Costs

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Work or Material</th>
<th>Original Quantity</th>
<th>Final Quantity</th>
<th>Unit</th>
<th>Cost ($) per Unit</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mobilization and Demobilization</td>
<td>1</td>
<td>1</td>
<td>Lump Sum</td>
<td>$34,400.00</td>
<td>$34,400.00</td>
</tr>
<tr>
<td>2</td>
<td>Surveying</td>
<td>1</td>
<td>1</td>
<td>Lump Sum</td>
<td>$48,500.00</td>
<td>$48,500.00</td>
</tr>
<tr>
<td>3</td>
<td>Goose Point/Point Platte Cell A Gap</td>
<td>2</td>
<td>2</td>
<td>Each</td>
<td>$1,213.04</td>
<td>$2,426.08</td>
</tr>
<tr>
<td>4</td>
<td>Goose Point/Point Platte Cell B Gap</td>
<td>5</td>
<td>5</td>
<td>Each</td>
<td>$1,213.04</td>
<td>$6,065.20</td>
</tr>
<tr>
<td>5</td>
<td>Goose Point/Point Platte Cell C Gap</td>
<td>2</td>
<td>2</td>
<td>Each</td>
<td>$1,213.04</td>
<td>$2,426.08</td>
</tr>
<tr>
<td>6</td>
<td>Goose Point/Point Platte Cell D Gap</td>
<td>1</td>
<td>1</td>
<td>Each</td>
<td>$1,213.04</td>
<td>$1,213.04</td>
</tr>
<tr>
<td>7</td>
<td>Goose Point/Point Platte Cell E Gap</td>
<td>3</td>
<td>3</td>
<td>Each</td>
<td>$1,213.04</td>
<td>$3,639.12</td>
</tr>
<tr>
<td>8</td>
<td>Bayou Bonfouca Area 1 Gap</td>
<td>1</td>
<td>2</td>
<td>Each</td>
<td>$1,213.04</td>
<td>$2,426.08</td>
</tr>
<tr>
<td>9</td>
<td>Bayou Bonfouca Area 2 Gap</td>
<td>7</td>
<td>7</td>
<td>Each</td>
<td>$1,213.04</td>
<td>$8,491.28</td>
</tr>
<tr>
<td>10</td>
<td>Bayou Bonfouca Area 3 Gap</td>
<td>1</td>
<td>1</td>
<td>Each</td>
<td>$1,213.04</td>
<td>$1,213.04</td>
</tr>
<tr>
<td>11</td>
<td>Bayou Bonfouca Area 4 Gap</td>
<td>1</td>
<td>1</td>
<td>Each</td>
<td>$1,213.04</td>
<td>$1,213.04</td>
</tr>
<tr>
<td>12</td>
<td>Goose Point/Pointe Platte Cell A Tidal Creek</td>
<td>2</td>
<td>2</td>
<td>Each</td>
<td>$12,718.18</td>
<td>$25,436.36</td>
</tr>
<tr>
<td>13</td>
<td>Goose Point/Pointe Platte Cell B Tidal Creek</td>
<td>2</td>
<td>2</td>
<td>Each</td>
<td>$12,718.18</td>
<td>$25,436.36</td>
</tr>
<tr>
<td>14</td>
<td>Goose Point/Pointe Platte Cell C Tidal Creek</td>
<td>1</td>
<td>1</td>
<td>Each</td>
<td>$15,218.18</td>
<td>$15,218.18</td>
</tr>
<tr>
<td>15</td>
<td>Goose Point/Pointe Platte Cell D Tidal Creek</td>
<td>1</td>
<td>1</td>
<td>Each</td>
<td>$15,218.18</td>
<td>$15,218.18</td>
</tr>
<tr>
<td>16</td>
<td>Goose Point/Pointe Platte Cell E Tidal Creek</td>
<td>1</td>
<td>1</td>
<td>Each</td>
<td>$15,218.18</td>
<td>$15,218.18</td>
</tr>
<tr>
<td>17</td>
<td>Bayou Bonfouca Area 1 Tidal Creek</td>
<td>1</td>
<td>1</td>
<td>Each</td>
<td>$15,218.18</td>
<td>$15,218.18</td>
</tr>
<tr>
<td>18</td>
<td>Bayou Bonfouca Area 2 Tidal Creek</td>
<td>3</td>
<td>3</td>
<td>Each</td>
<td>$8,551.51</td>
<td>$25,654.53</td>
</tr>
<tr>
<td>19</td>
<td>Bayou Bonfouca Area 2 Deeper Creek</td>
<td>N/A</td>
<td>1</td>
<td>Lump Sum</td>
<td>$19,850.00</td>
<td>$19,850.00</td>
</tr>
<tr>
<td>20</td>
<td>Additional Surveys in Bayou Bonfouca Area 2</td>
<td>N/A</td>
<td>1</td>
<td>Lump Sum</td>
<td>$6,470.00</td>
<td>$6,470.00</td>
</tr>
<tr>
<td>21</td>
<td>Bayou Bonfouca Area 2 Pond Excavation</td>
<td>N/A</td>
<td>1</td>
<td>Lump Sum</td>
<td>$204,772.90</td>
<td>$204,772.90</td>
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<tr>
<td>N/A</td>
<td>Add Contract Time to Complete the Work</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Total Construction Cost $480,505.83

5.0 MAJOR EQUIPMENT USED

Below is a table of all major equipment used during the construction of the project.

Table 4: Major Equipment Used During Construction of the Project

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Name or Equipment No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marsh Track Mounted Long Reach Track Hoe (2)</td>
<td>Model ME-332065</td>
</tr>
<tr>
<td></td>
<td>Marsh Buggy Inc. #107 and #143</td>
</tr>
<tr>
<td>Airboat</td>
<td>Several to Support Construction Operations</td>
</tr>
<tr>
<td>Crew Boat</td>
<td>22’ Aluminum Boat with Outboard Motors</td>
</tr>
</tbody>
</table>
### 6.0 SIGNIFICANT PROJECT ACTIVITIES AND DATES

The table in this section below provides a summary of significant construction dates for the project and a detailed sequence of events and dates for the construction period.

**Significant Construction Dates and Events**

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/9/2020</td>
<td>Pre-Bid meeting</td>
</tr>
<tr>
<td>7/23/2020</td>
<td>Bid Opening</td>
</tr>
<tr>
<td>8/31/2020</td>
<td>Construction Contract Award</td>
</tr>
<tr>
<td>9/1/2020</td>
<td>Pre-Construction Conference</td>
</tr>
<tr>
<td>9/8/2020</td>
<td>Notice to Proceed</td>
</tr>
<tr>
<td>9/8/2020</td>
<td>Survey Crew Mobilization – Survey work continued daily</td>
</tr>
<tr>
<td>9/11/2020</td>
<td>New dike gap in MCA 1 added to Items of Work</td>
</tr>
<tr>
<td></td>
<td>First marsh buggy mobilized to MCA 1</td>
</tr>
<tr>
<td></td>
<td>Started and completed excavation of MCA 1 southern dike gap</td>
</tr>
<tr>
<td></td>
<td>Started Excavation of MCA 1 Tidal Creek</td>
</tr>
<tr>
<td>9/12/2020</td>
<td>Completed MCA 1 Tidal Creek and northern dike gap.</td>
</tr>
<tr>
<td></td>
<td>Started and completed gap in MCA 3</td>
</tr>
<tr>
<td>9/13/2020</td>
<td>No work due to Hurricane Sally</td>
</tr>
<tr>
<td>9/17/2020</td>
<td>No work due to Hurricane Sally</td>
</tr>
<tr>
<td>9/18/2020</td>
<td>Second marsh buggy mobilized to MCA 2 from Lacombe</td>
</tr>
<tr>
<td></td>
<td>Started Excavation of MCA 2 northern Tidal Creek</td>
</tr>
<tr>
<td>9/20/2020</td>
<td>Started and completed excavation of MCA 2 northeast dike gap</td>
</tr>
<tr>
<td>9/21/2020</td>
<td>Completed excavation of MCA 2 northern Tidal Creek</td>
</tr>
<tr>
<td></td>
<td>Started and completed excavation of 4 dike gaps in MCA 2</td>
</tr>
<tr>
<td></td>
<td>Started and completed excavation of MCA 2 middle Tidal Creek</td>
</tr>
<tr>
<td></td>
<td>Started excavation of MCA 2 southern Tidal Creek</td>
</tr>
<tr>
<td>9/22/2020</td>
<td>No work due to Tropical Storm Beta</td>
</tr>
<tr>
<td>9/23/2020</td>
<td>No work due to Tropical Storm Beta</td>
</tr>
<tr>
<td>9/24/2020</td>
<td>Completed excavation of MCA 2 southern Tidal Creek</td>
</tr>
<tr>
<td></td>
<td>Started and completed excavation of MCA 2 southeast dike gap</td>
</tr>
<tr>
<td></td>
<td>Started rework in MCA 2 Tidal Creek per Change Order #1</td>
</tr>
<tr>
<td>9/25/2020</td>
<td>Completed rework in MCA 2 Tidal Creek per Change Order #1</td>
</tr>
<tr>
<td></td>
<td>Started and completed excavation of remaining MCA 2 dike gap</td>
</tr>
<tr>
<td>9/26/2020</td>
<td>Started and completed excavation of dike gap in MCA 4</td>
</tr>
<tr>
<td></td>
<td>Started excavation of Cell E Tidal Creek</td>
</tr>
<tr>
<td>9/29/2020</td>
<td>Started excavation of Cell D Tidal Creek</td>
</tr>
<tr>
<td>9/30/2020</td>
<td>Completed excavation of Cell E Tidal Creek</td>
</tr>
<tr>
<td></td>
<td>Completed excavation of Cell E dike gaps.</td>
</tr>
<tr>
<td></td>
<td>Davis Bacon interviews conducted.</td>
</tr>
<tr>
<td></td>
<td>Marsh Buggy #143 was put on hold while waiting for approval to cross pipeline canal</td>
</tr>
<tr>
<td>Date</td>
<td>Description</td>
</tr>
<tr>
<td>------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
| 10/1/2020  | Pipeline company surveyed & staked for canal crossing  
                       Started excavation of Cell C Tidal Creek  
                       Started excavation of Cell C dike gaps  
                       Eastern dike gap & Tidal Creek in Cell C were adjusted to use existing creek  
                       Completed excavation of Cell D Tidal Creek  
                       Started and Completed excavation of Cell D dike gap |
| 10/2/2020  | Completed excavation of Cell C dike gaps  
                       Completed excavation of Cell C Tidal Creek |
| 10/5/2020  | Started excavation of Cell B northern Tidal Creek  
                       Started rework of MCA 2 features |
| 10/6/2020  | Progress meeting & jobsite visit of Cells A-E.  
                       Field adjustments were made to a few dike gaps and tidal creeks in Cells A & B |
| 10/7/2020  | Demobilized equipment due to Hurricane Delta |
| 10/13/2020 | Re-mobilized one marsh buggy after Hurricane Delta |
| 10/14/2020 | Mobilized second marsh buggy to seaplane Yard |
| 10/15/2020 | Started and completed excavation of Cell B northeast dike gap |
| 10/16/2020 | Started and completed rework of Cell B north center dike gap  
                       Completed excavation of Cell B northern Tidal Creek |
| 10/17/2020 | Started excavation of Cell B southern Tidal Creek |
| 10/18/2020 | Completed rework of MCA 2 features |
| 10/19/2020 | Started rework of MCA 1 Tidal Creek |
| 10/20/2020 | Completed rework of MCA 1 Tidal Creek  
                       Completed excavation of Cell B southern Tidal Creek  
                       Started and completed Cell B southwest and southeast dike gaps  
                       Progress meeting held |
| 10/21/2020 | Started and completed rework of all three Cell B northern dike gaps  
                       Started post-construction surveys in MCA 1, 2, Cells D, E |
| 10/22/2020 | Started rework of Cell C Tidal Creek  
                       Started rework of Cell C dike gaps  
                       Started excavation of Cell A southern Tidal Creek  
                       Started and completed excavation of Cell A southern dike gap |
| 10/23/2020 | Completed rework of Cell C Tidal Creek  
                       Completed rework of Cell C dike gaps  
                       Started rework of Cell D Tidal Creek |
| 10/26/2020 | Demobilized one marsh buggy due to Hurricane Zeta |
| 10/30/2020 | Resumed work following Hurricane Zeta  
                       Remobilized marsh buggy after Hurricane Zeta  
                       Completed rework of Cell D Tidal Creek  
                       Started and completed rework of Cell D dike gap |
| 10/31/2020 | Completed excavation of Cell A southern Tidal Creek  
                       Started and Completed rework of Cell C features |
| 11/2/2020  | Started excavation of Cell A northern Tidal Creek  
                       Started rework of Cell E Tidal Creek |
| 11/3/2020  | Completed rework of Cell E Tidal Creek |
| 11/4/2020  | Completed excavation of Cell A northern Tidal Creek  
                       Started and completed excavation of Cell A northern dike gap  
                       Started rework of MCA 1 Tidal Creek.  
                       Started rework of Cell B northern dike gaps |
<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
</tr>
</thead>
</table>
| 11/5/2020  | Completed rework of MCA 1 Tidal Creek  
Completed rework of Cell B northern dike gaps  
Progress meeting held  
All work complete pending review of post-construction surveys |
| 11/9/2020  | Reduced spoil elevation on east side of southern tidal creek in Cell A  
Started excavation of northern pond in MCA 2 as per CO #3 |
| 11/16/2020 | Started excavation of southern pond in MCA 2  
Started rework of Cell A Tidal Creek and dike gaps |
| 11/20/2020 | Progress meeting held  
Landowners viewed the ponds  
Started excavation of northern pond in MCA 2 |
| 12/2/2020  | Progress meeting held  
Landowners viewed the ponds  
Completed excavation of northern pond in MCA 2 |
| 12/23/2020 | Progress meeting held  
Landowners viewed the ponds  
Completed excavation of southern pond in MCA 2 |
| 12/28/2020 | Progress meeting held  
Landowners viewed the ponds  
Completed excavation of southern pond in MCA 2 |
| 12/29/2020 | Progress meeting held  
Landowners viewed the ponds  
Completed excavation of northern pond in MCA 2 |
| 12/30/2020 | Progress meeting held  
Landowners viewed the ponds  
Completed excavation of southern pond in MCA 2 |
| 1/4/2021   | MCA 2 As-Built Survey completed by HydroTerra  
Completed excavation of southern pond in MCA 2 |
| 1/5/2021   | Final project inspection  
Completed excavation of northern pond in MCA 2  
Completed excavation of northern pond in MCA 2 |
| 1/20/2021  | First marsh buggy demobilization from sea plane yard  
Second marsh buggy demobilization from sea plane yard |
| 2/9/2021   | Notice of Acceptance issued to MBI  
Second marsh buggy demobilization from sea plane yard |

7.0 ADMINISTRATIVE—PERMITTING, RFI’s, AND CHANGE ORDERS

7.1 Permitting

Various permits were issued for the construction of the original marsh creation areas. New permits for the creeks and gaps were issued in 2019 & 2020. An extension was requested and granted for the Department of the Army permit originally issued for the construction of the Bayou Bonfouca Project. A special use permit was obtained from the USFWS and issued to the construction contractor for work on the refuge. Permit information is included in Appendix B.

7.2 Request for Information (RFI’s)

During the construction activities, no RFI’s were submitted by the prime contractor.

7.3 Change Orders

Four change orders were executed for the construction activities. Details of each change order is included in the table below.
Table 5: Marsh Buggies, Inc. Change Order Items

<table>
<thead>
<tr>
<th>Change Order No.</th>
<th>Change Order Description</th>
<th>Quantity</th>
<th>Unit</th>
<th>Cost ($) Per Unit</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Add Dike Gap in MCA 1 and Deepen Tidal Creek</td>
<td>1</td>
<td>Lump Sum</td>
<td>$21,064.04</td>
<td>$21,064.04</td>
</tr>
<tr>
<td>2</td>
<td>Additional Surveys in MCA 2 Ponds</td>
<td>1</td>
<td>Lump Sum</td>
<td>$6,470.00</td>
<td>$6,470.00</td>
</tr>
<tr>
<td>3</td>
<td>MCA 2 Pond Excavation</td>
<td>1</td>
<td>Lump Sum</td>
<td>$204,772.90</td>
<td>$204,772.90</td>
</tr>
<tr>
<td>4</td>
<td>Increased Days for MCA Pond 2 Excavation</td>
<td>1</td>
<td>Each</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
</tbody>
</table>

Change Order Cost $232,306.94

Copies of the executed change orders for this project are included in Appendix C.

8.0 DAILY PROJECT REPORTS

For each day of construction, a daily project report was prepared by the contractor. Likewise, for each day that a Providence representative was at the project site, a daily project report was prepared. The daily project reports prepared by Providence are included in Appendix D. The daily project reports prepared by the contractor are included in Appendix E.

9.0 AS-BUILT PROJECT FEATURES

The as-built project survey requirements included a post construction survey of all the tidal creeks, dike gaps, and improved ponds in MCA-2. The as-built drawings for this project are included in Appendix F.
APPENDIX A

CONSTRUCTION CONTRACT
August 31, 2020

NOTICE TO PROCEED

Via FedEx

Mr. Perry Autin
Marsh Buggies, Inc.
2018 Engineer Road
Belle Chasse, LA 70037

RE: Goose Point/Point Platte and Bayou Bonfouca Marsh Creation Maintenance (PO-0033 and PO-0104)
Amount of Contract: $248,199.89

Dear Mr. Autin,

You are hereby notified to commence work on the referenced contract on or before September 8, 2020, and are to fully complete the work within Sixty (60) consecutive calendar days thereafter. Your contract completion date is therefore November 7, 2020.

The contract provides for assessment of the sum of $3,130.00 per day as liquidated damages for each consecutive calendar day after the above established contract completion date that the work remains incomplete.

Attached, please find an original of the executed contract for your records.

If there are any questions in regards to this project, please contact Taylor Daigle at (504) 282-3536 or Taylor.Daigle@la.gov.

Sincerely,

[Signature]
Allison Richard
Executive Staff Officer

Attachments

   c: Taylor Daigle, CPRA Project Manager
CONTRACT BETWEEN OWNER AND CONTRACTOR
AND PERFORMANCE AND PAYMENT BOND

This agreement entered into this 31 day of August, 2020, by Marsh Buggies, Inc. hereinafter called the "Contractor", whose business address is 2018 Engineer Road, Belle Chasse, LA 70037, and the State of Louisiana, Coastal Protection and Restoration Authority, herein represented by its Executive Director executing this Contract, and hereinafter called the "Owner".

Witnesseth that the Contractor and the Owner, in consideration of premises and the mutual covenants; consideration and agreement herein contained, agree as follows:

Statement of Work: The Contractor shall furnish all labor and materials and perform all of the work required to build, construct and complete in a thorough and workmanlike manner:

Project No. PO-0033/PO-0104
Project Name: Goose Point/Point Platte and Bayou Bonfouca Marsh Creation Maintenance

in strict accordance with Contract Documents prepared by Owner.

It is recognized by the parties herein that said Contract Documents, including by way of example and not of limitation, the Plans, Specifications (including General Provisions, Special Provisions, and Technical Specifications), Any Addenda thereto, Instructions To Bidders, this Contract, Advertisement For Bids, Affidavit, Bid Form, Bonds (Bid, Performance, and Payment),any Submitted Post-Bid Documentation, Notice of Award, Notice to Proceed, Change Orders, and Claims, if any, impose duties and obligations upon the parties herein, and said parties hereby agree that they shall be bound by said duties and obligations. For these purposes, all of the provisions contained in the aforementioned Contract Documents are incorporated herein by reference with the same force and effect as though said Contract Documents were herein set out in full.

Time for Completion: The work shall be commenced on a date to be specified in a written order of the Owner and shall be completed within 60 consecutive calendar days from and after the said date.

Liquidated Damages: Contractor shall be assessed Liquidated Damages in the amount of $3,130.00 per day for each consecutive calendar day which work is not complete beginning with the first day beyond the completion time.

Compensation to be paid to the Contractor: The Owner will pay and the Contractor will accept in full consideration for the performance of the Contract the sum of two hundred forty-eight thousand one hundred ninety-nine dollars and eighty-nine cents ($248,199.89) which sum represents the Contract Price.

Performance and Payment Bond: To these presents personally came and intervened Mary Catherine Turner, Attorney-in-Fact, herein acting for Merchants Bonding Company (Mutual), a corporation organized and existing under the laws of the State of Iowa, and duly authorized to transact business in the State of Louisiana, as surety, who declared that having taken cognizance of this Contract and of the Construction Documents mentioned herein, he hereby in his capacity as its Attorney in Fact obligates his said company, as Surety for the said Contractor, unto the said Owner, up to the sum of two hundred forty-eight thousand one hundred ninety-nine dollars and eighty-nine cents ($248,199.89). By issuance of this bond, the surety acknowledges they are in compliance with R.S. 38:2219.

The condition of this performance and payment bond shall be that should the Contractor herein not perform the Contract in accordance with the terms and conditions hereof, or should said Contractor not fully indemnify and save harmless the Owner, from all cost and damages which he may suffer by said Contractor's non-performance or should said Contractor not pay all persons who have and fulfill obligations to perform labor and/or furnish materials in the prosecution of the work provided for herein, including by way of example workmen, laborers, mechanics, and furnishers of materials, machinery, equipment and fixtures, then said Surety agrees and is bound to so perform the Contract and make said payment(s).
Provided, that any alterations which may be made in the terms of the Contract or in the work to be done under it, or the giving by the Owner of any extensions of time for the performance of the Contract, or any other forbearance on the part of either the Owner or the Contractor to the other shall not in any way release the Contractor or the Surety from their liability hereunder, notice to the Surety of any such alterations, extensions or other forbearance being hereby waived.

The Contractor agrees to abide by the requirements of the following as applicable: Title VI of the Civil Rights Act of 1964 and Title VII of the Civil Rights Act of 1964, as amended by the Equal Opportunity Act of 1972, Federal Executive Order 11246 as amended, the Federal Rehabilitation Act of 1973, as amended, the Vietnam Era Veteran's Readjustment Assistance Act of 1974, Title IX of the Education Amendments of 1972, the Age Discrimination Act of 1975, the Fair Housing Act of 1968 as amended, and Contractor agrees to abide by the requirements of the Americans with Disabilities Act of 1990.

Contractor agrees not to discriminate in its employment practices, and will render services under this Contract without regard to race, color, religion, sex, sexual orientation, national origin, veteran status, political affiliation, disability, or age in any matter relating to employment. Any act of discrimination committed by Contractor, or failure to comply with these statutory obligations when applicable shall be grounds for termination of this Contract.

In Witness whereof, the parties hereto on the day and year first above written have executed this agreement in seven (7) counterparts, each of which shall, without proof or accountancy for the other counterparts, be deemed an original thereof.

CPRA WITNESSES:

Allison Paulson
Print
Ahmed
Signature
Janet Albert
Print
Omer Alber
Signature

STATE OF LOUISIANA
COASTAL PROTECTION AND
RESTORATION AUTHORITY

BY:

Lawrence B. Haase, Executive Director

CONTRACTOR WITNESSES:

Gay Lynn Rodriguez
Print
ES Rodrique
Signature
Denise Avery
Print
DENISE AVERY
Signature

SURETY WITNESSES:

Meghann Turner, Producer
Print
Mugr
Signature
Katie Royer, Secretary
Print
Signature

SURETY:

Merchants Bonding Company (Mutual)

BY:

ATTORNEY IN FACT
Mary Catherine Turner, Attorney-in-Fact
P.O. Box 14498
Des Moines, IA 50306-3498
ADDRESS
(515) 243-8171
TELEPHONE NUMBER
MERCHANTS BONDING COMPANY
POWER OF ATTORNEY

Know All Persons By These Presents, that MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC., both being corporations of the State of Iowa (herein collectively called the "Companies") do hereby make, constitute and appoint, individually, Garrett Turner; Mary Catherine Turner; Meghan Turner

their true and lawful Attorney(s)-in-Fact, to sign its name as surety(ies) and to execute, seal and acknowledge any and all bonds, undertakings, contracts and other written instruments in the nature thereof, on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

This Power-of-Attorney is granted and is signed and sealed by facsimile under and by authority of the following By-Laws adopted by the Board of Directors of Merchants Bonding Company (Mutual) on April 23, 2011 and amended August 14, 2015 and adopted by the Board of Directors of Merchants National Bonding, Inc., on October 16, 2015.

"The President, Secretary, Treasurer, or any Assistant Treasurer or any Assistant Secretary or any Vice President shall have power and authority to appoint Attorneys-in-Fact, and to authorize them to execute on behalf of the Company, and attach the seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof."

"The signature of any authorized officer and the seal of the Company may be affixed by facsimile or electronic transmission to any Power of Attorney or Certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the Company, and such signature and seal when so used shall have the same force and effect as though manually fixed."

In connection with obligations in favor of the Florida Department of Transportation only, it is agreed that the power and authority hereby given to the Attorney-in-Fact includes any and all consents for the release of retained percentages and/or final estimates on engineering and construction contracts required by the State of Florida Department of Transportation. It is fully understood that consenting to the State of Florida Department of Transportation making payment of the final estimate to the Contractor and/or its assignee, shall not relieve this surety company of any of its obligations under its bond.

In connection with obligations in favor of the Kentucky Department of Highways only, it is agreed that the power and authority hereby given to the Attorney-in-Fact cannot be modified or revoked unless prior written personal notice of such intent has been given to the Commissioner-Department of Highways of the Commonwealth of Kentucky at least thirty (30) days prior to the modification or revocation.

In Witness Whereof, the Companies have caused this instrument to be signed and sealed this 11th day of February , 2020 .

STATE OF IOWA
COUNTY OF DALLAS

On this 11th day of February 2020 , before me appeared Larry Taylor; to me personally known, who being by me duly sworn did say that he is President of MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC.; and that the seals affixed to the foregoing instrument are the Corporate Seals of the Companies; and that the said instrument was signed and sealed in behalf of the Companies by authority of their respective Boards of Directors.

POLLY MASON
Commission Number 750576
My Commission Expires January 07, 2023

(Expiration of notary’s commission does not invalidate this instrument)

I, William Warner, Jr., Secretary of MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC., do hereby certify that the above and foregoing is a true and correct copy of the POWER-OF-ATTORNEY executed by said Companies, which is still in full force and effect and has not been amended or revoked.

In Witness Whereof, I have hereto set my hand and affixed the seal of the Companies on this day of , 2020 .

POA 0018 (1/20)
STATE OF LOUISIANA
PARISH OF Jefferson

PROJECT NO.: PO-0033/PO-0104
NAME: Goose Point/Point Platte and Bayou Bonfouca Marsh Creation Maintenance
LOCATION: St. Tammany Parish

AFFIDAVIT

Before me, the undersigned authority, duly commissioned and qualified within and for the State and Parish aforesaid, personally came and appeared representing who, being by me first duly sworn deposed and said that he has read this affidavit and does hereby agree under oath to comply with all provisions herein as follows:

PART I.

Section 2224 of Part II of Chapter 10 of Title 38 of the Louisiana Revised Statutes, as amended.

(1) That affiant employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for affiant; and

(2) That no part of the Contract price received by affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the Contract, other than the payment of their normal compensation to persons regularly employed by the affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for affiant.

PART II.

Section 2190 of Part I of Chapter 10 of Title 38 of the Louisiana Revised Statutes, as amended.

That affiant, if an architect or engineer, or representative thereof, does not own a substantial financial interest, either directly or indirectly, in any corporation, firm, partnership, or other organization which supplies materials for the construction of a public work when the architect or engineer has performed architectural or engineering services, either directly or indirectly, in connection with the public work for which the materials are being supplied.

For the purposes of this Section, a "substantial financial interest" shall exclude any interest in stock being traded on the American Stock Exchange or the New York Stock Exchange. That affiant, if subject to the provisions of this section, does hereby agree to be subject to the penalties involved for the violation of this section.

AFFIANT

SWORN TO AND SUBSCRIBED BEFORE ME THIS 16th DAY OF August, 2020.

[Signature]

NOTARY

[Notary Public Seal]
APPENDIX B

PERMITS
Taylor Daigle, Agent
Coastal Protection and Restoration Authority
2045 Lakeshore Drive
CERM Bldg. Suite 309
New Orleans, LA 70122
Via email: Taylor.Daigle@la.gov

RE: C20190161, Coastal Zone Consistency
U.S. Fish and Wildlife Service
Direct Federal Action
   Goose Point/Point Platte and Bayou Bonfuca Marsh Creation Maintenance
   St. Tammany Parish, Louisiana

Dear Mr. Daigle:

The above referenced project has been reviewed for consistency with the Louisiana Coastal Resources Program in accordance with Section 307 (c) of the Coastal Zone Management Act of 1972, as amended. The project, as proposed in the application and subsequent revisions, is consistent with the LCRP.

If you have any questions concerning this determination please contact Jim Bondy of the Consistency Section at (225) 342-3870 or james.bondy@la.gov.

Sincerely,

/S/ Charles Reulet
Administrator
Interagency Affairs/Field Services Division
CR/MH/jab

cc: Daniel Breaux, USFWS
    Michael Farabee, COE-NOD
    Dave Butler, LDWF
    Craig LeBlanc, OCM FI
Operations Division
Eastern Evaluation Section

Subject: MVN 2019-1012 EBB

U.S. Fish and Wildlife Service
Attention: Daniel Breaux
61389 Highway 434
Lacombe, Louisiana 70445

Dear Mr. Breaux,

The proposed work, installation and maintenance of seven tidal creeks in five areas of the Goose Point/Point Platte Marsh Creation Project and five tidal creeks in four areas of the Bayou Bonfouca Marsh Creation Project, requiring excavation of 8.2 acres of marsh and excavation of gaps in the existing containment dikes with excavated material to be spread adjacent in a manner which will not create uplands or interfere with tidal flow, located in the Big Branch National Wildlife Refuge, on the northern shore of Lake Pontchartrain, near Lacombe, Louisiana, in St. Tammany 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.

Permittee must comply with the enclosed: “Standard Manatee Conditions for In-Water Activities”.

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.

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 questions, please feel free to contact Jennifer Burkett with this office at (504) 862-2045 or jennifer.e.burkett@usace.army.mil.

Sincerely,

Martin S. Mayer
Chief, Regulatory Branch

FOR:  

Attachments
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 if 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 and aware of the potential presence of manatees, manatee speed zones, and the need to avoid collisions with, and injury to, manatee. 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.

All on-site personnel are responsible for observing water-related activities for the presence of manatee(s). To minimize potential impacts to manatees in areas of their potential presence, the permittee shall insure the following are adhered to:

- 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 U.S. Fish and Wildlife 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.
Project Center
Latitude: 30° 15' 29.55'' N
Longitude: 89° 53' 48.48'' W

Legend
- Big Branch National Wildlife Refuge
- Existing Marsh Creation Cells/Containment Dikes

Reference
Base map comprised of ESRI StreetMap USA data.

Vicinity Map
Joint Permit Application
St. Tammany Parish, Louisiana
U.S. Fish and Wildlife Service

Goose Point/Point Platte and Bayou Bonfouca Marsh Creation Maintenance Project

Drawn By: TDJ
Checked By: TS
Approved By: RS
Project Number: 621-010
Drawing Number: 621-010-A015

Providence Engineering and Environmental Group LLC

8/26/2019
8/26/2019
8/26/2019
Goose Point/Point Platte Cell A
Acres: 59.71
Latitude: 30° 16' 27.03'' N
Longitude: 89° 58' 41.22'' W

Goose Point/Point Platte Cell B
Acres: 139.28
Latitude: 30° 15' 55.77'' N
Longitude: 89° 58' 46.54'' W

Goose Point/Point Platte Cell C
Acres: 116.47
Latitude: 30° 15' 12.94'' N
Longitude: 89° 55' 23.40'' W

Goose Point/Point Platte Cell D
Acres: 13.90
Latitude: 30° 15' 16.74'' N
Longitude: 89° 54' 31.07'' W

Goose Point/Point Platte Cell E
Acres: 98.26
Latitude: 30° 15' 34.97'' N
Longitude: 89° 53' 45.38'' W

Bayou Bonfouca Area 1
Acres: 324.27
Latitude: 30° 14' 45.51'' N
Longitude: 89° 51' 19.14'' W

Bayou Bonfouca Area 2
Acres: 155.20
Latitude: 30° 15' 29.98'' N
Longitude: 89° 51' 10.07'' W

Bayou Bonfouca Area 3
Acres: 30.06
Latitude: 30° 15' 08.46'' N
Longitude: 89° 52' 01.92'' W

Bayou Bonfouca Area 4
Acres: 133.13
Latitude: 30° 15' 17.21'' N
Longitude: 89° 52' 52.91'' W

Bayou Bonfouca Area 5
Acres: 300.00
Latitude: 30° 15' 08.46'' N
Longitude: 89° 52' 01.92'' W

Lake Pontchartrain

Legend
- Existing Marsh Creation Cells/Containment Dikes
- Big Branch National Wildlife Refuge
- Existing Pipelines
- Access

Reference
Base map comprised of ESRI’s World Imagery exported 7/30/19.
Proposed Gap Installation
Latitude: 30° 15' 45.23'' N
Longitude: 89° 58' 38.46'' W

Proposed Gap Installation
Latitude: 30° 15' 46.05'' N
Longitude: 89° 58' 34.92'' W

Proposed Gap Installation
Latitude: 30° 15' 46.57'' N
Longitude: 89° 58' 40.00'' W

Proposed Gap Installation
Latitude: 30° 15' 56.90'' N
Longitude: 89° 58' 41.75'' W

Proposed Gap Installation
Latitude: 30° 16' 01.88'' N
Longitude: 89° 58' 25.54'' W

Proposed Gap Installation
Latitude: 30° 16' 05.91'' N
Longitude: 89° 58' 38.46'' W

Proposed Gap Installation
Latitude: 30° 16' 05.57'' N
Longitude: 89° 58' 40.00'' W

Proposed Gap Installation
Latitude: 30° 16' 04.50'' N
Longitude: 89° 58' 31.75'' W

Proposed Gap Installation
Latitude: 30° 16' 04.01'' N
Longitude: 89° 58' 32.31'' W

Proposed Tidal Creek
(~1,100 Linear Feet)
Latitude: 30° 15' 56.90'' N
Longitude: 89° 58' 41.75'' W

Proposed Tidal Creek
(~450 Linear Feet)
Latitude: 30° 15' 45.23'' N
Longitude: 89° 58' 44.78'' W

Proposed Tidal Creek
(~450 Linear Feet)
Latitude: 30° 15' 46.57'' N
Longitude: 89° 58' 40.00'' W

Legend

- Big Branch National Wildlife Refuge
- Existing Marsh Creation Cell/Containment Dike
- Proposed Tidal Creek (Maximum Width 50')
- Access
  - Proposed Gap Installation (50' Wide)

Reference
Base map comprised of ESRI’s World Imagery exported 7/30/19.
Goose Point/Point Platte
Cell C

Existing Dike

Proposed Tidal Creek
(~600 Linear Feet)

Latitude: 30° 15' 21.16'' N
Longitude: 89° 55' 00.00'' W

Proposed Gap Installation
Latitude: 30° 15' 22.27'' N
Longitude: 89° 55' 02.23'' W

Proposed Gap Installation
Latitude: 30° 15' 21.14'' N
Longitude: 89° 54' 59.56'' W

Proposed Tidal Creek
(~610 Linear Feet)

Latitude: 30° 15' 17.09'' N
Longitude: 89° 54' 38.69'' W

Proposed Gap Installation
Latitude: 30° 15' 21.16'' N
Longitude: 89° 55' 00.00'' W

Proposed Gap Installation
Latitude: 30° 15' 17.06'' N
Longitude: 89° 54' 38.97'' W

Proposed Gap Installation
Latitude: 30° 15' 22.27'' N
Longitude: 89° 55' 02.23'' W

Southern Natural Gas Company Pipelines

GOOSE POINT/POINT PLATTE AND BAYOU BONFOUCOU MARSH CREATION PROJECT

Latitude: 30° 15' 20.79'' N
Longitude: 89° 54' 54.24'' W

Latitude: 30° 15' 17.26'' N
Longitude: 89° 54' 33.14'' W

Latitude: 30° 15' 17.09'' N
Longitude: 89° 54' 38.69'' W

Big Branch National Wildlife Refuge
Existing Marsh Creation Cell/Containment Dike
Proposed Tidal Creek (Maximum Width 50')
Proposed Gap Installation (50' Wide)
Existing Dike
Lake Pontchartrain

Aerial Photograph - Goose Point/Point Platte Cells C & D
Joint Permit Application
St. Tammany Parish, Louisiana

U.S. Fish and Wildlife Service
Goose Point/Point Platte and Bayou Bonfouca Marsh Creation Maintenance Project

Base map comprised of ESRI’s World Imagery exported 7/30/19.

Legend

- Big Branch National Wildlife Refuge
- Existing Marsh Creation Cell/Containment Dike
- Proposed Tidal Creek (Maximum Width 50')
- Proposed Gap Installation (50' Wide)
- Access
- Existing Pipelines

Note

Primary access is shown via existing creek crossing Southern Natural Gas Pipelines. Secondary access, if required to avoid existing structures, is permissible to the North of existing pipeline crossing location (No further than 100' North).

Reference

Drawn By
OPB
11/13/19

Checked By
TS
11/13/19

Approved By
RS
11/13/19

Project Number
621-010

Drawing Number
621-010-A018

Figure 5
Legend

- Big Branch National Wildlife Refuge
- Proposed Gap Installation (50' Wide)
- Access
- Existing Dike
- Existing Marsh Creation Cell/Containment Dike
- Proposed Tidal Creek (Maximum Width 50')
- Existing Pipelines

Note

Primary access is shown via existing creek crossing Southern Natural Gas Pipelines. Secondary access, if required to avoid existing structures, is permissible to the North of existing pipeline crossing location (No further than 100' North).

Reference

Base map comprised of ESRI's World Imagery exported 7/30/19.
Proposed Gap Installation
Latitude: 30° 15' 09.33'' N
Longitude: 89° 51' 53.05'' W

Proposed Gap Installation
Latitude: 30° 14' 26.78'' N
Longitude: 89° 51' 11.81'' W

Proposed Gap Installation
Latitude: 30° 15' 00.35'' N
Longitude: 89° 51' 32.68'' W

Proposed Gap Installation
Latitude: 30° 14' 59.91'' N
Longitude: 89° 51' 34.36'' W

Proposed Gap Installation
Latitude: 30° 14' 59.69'' N
Longitude: 89° 52' 06.78'' W

Proposed Gap Installation
Latitude: 30° 14' 50.05'' N
Longitude: 89° 51' 31.53'' W

Existing Dike
Latitude: 30° 14' 31.78'' N
Longitude: 89° 51' 11.40'' W

Proposed Tidal Creek
(~1229 Linear Feet)
Latitude: 30° 14' 59.69'' N
Longitude: 89° 51' 34.55'' W

Proposed Tidal Creek
(~587 Linear Feet)
Latitude: 30° 14' 50.05'' N
Longitude: 89° 51' 31.53'' W

Lake Pontchartrain

Legend
- Big Branch National Wildlife Refuge
- Existing Marsh Creation Cell/Containment Dike
- Proposed Tidal Creek (Maximum Width 50')
- Access
- Existing Pipelines
- Proposed Gap Installation (50' Wide)

Reference
Base map comprised of ESRI’s World Imagery exported 7/30/19.

Aerial Photograph -
Bayou Bonfouca Areas 1 & 3
Joint Permit Application
St. Tammany Parish, Louisiana

U.S. Fish and Wildlife Service
Goose Point/Point Plate and Bayou Bonfouca Marsh Creation Maintenance Project

Drawn By
OPB
11/13/19

Checked By
TS
11/13/19

Approved By
RS
11/13/19

Project Number
621-010

Drawing Number
621-010-A020
Proposed Gap Installation
Latitude: 30° 15' 39.91'' N
Longitude: 89° 51' 01.60'' W

Proposed Tidal Creek
(≈1,791 Linear Feet)

Proposed Gap Installation
Latitude: 30° 15' 35.45'' N
Longitude: 89° 51' 00.54'' W

Proposed Gap Installation
Latitude: 30° 15' 21.26'' N
Longitude: 89° 50' 55.03'' W

Existing Dike

Proposed Gap Installation
Latitude: 30° 15' 36.18'' N
Longitude: 89° 51' 31.02'' W

Proposed Tidal Creek
(≈228 Linear Feet)

Proposed Gap Installation
Latitude: 30° 15' 20.93'' N
Longitude: 89° 50' 54.85'' W

Proposed Gap Installation
Latitude: 30° 15' 28.88'' N
Longitude: 89° 51' 00.41'' W

Proposed Gap Installation
Latitude: 30° 15' 24.32'' N
Longitude: 89° 51' 1.36'' W

Proposed Gap Installation
Latitude: 30° 15' 31.05'' N
Longitude: 89° 51' 01.10'' W

Proposed Gap Installation
Latitude: 30° 15' 39.91'' N
Longitude: 89° 51' 01.60'' W

Proposed Tidal Creek
(≈560 Linear Feet)

Reference
Base map comprised of ESRI’s World Imagery exported 7/30/19.

Legend

- **Big Branch National Wildlife Refuge**
- **Existing Marsh Creation Cell/Containment Dike**
- **Proposed Tidal Creek (Maximum Width 50')**
- **Access**
- **Proposed Gap Installation (50' Wide)**

Aerial Photograph - Bayou Bonfouca Area 2

Joint Permit Application
St. Tammany Parish, Louisiana

U.S. Fish and Wildlife Service
Goose Point/Point Plate and Bayou Bonfouca Marsh Creation Maintenance Project

Drawn By: OBP 11/13/19
Checked By: TS 11/13/19
Approved By: RS 11/13/19

Project Number: 621-010
Drawing Number: 621-010-A021
DIKE GAP TYPICAL PLAN VIEW
Not to Scale

Notes
1. The locations of the spoil placement adjacent to the dike gaps may be revised based on site specific conditions or recommendations from USFWS and the project owner.
2. Damage to established vegetation along the existing dikes shall be minimized.
1. The width and depth of the tidal creeks may vary based on site specific conditions or recommendations from USFWS and the project owner.
2. Spoil from the creation of the tidal creeks shall be deposited in areas adjacent to the tidal creek. Spoil shall be spread as to not create an upland area or habitat.
3. The width and bottom elevation of the dike gaps may vary based on site specific conditions or recommendations from USFWS and the project owner.
March 1, 2021

Operations Division
Regulatory Branch, ODR-E

SUBJECT: MVN-2012-1645-EPP

United States Fish & Wildlife Service
646 Cajundome Boulevard, Suite 400
Lafayette, Louisiana 70506

Dear Mr. Weller:

As requested, by letter dated November 4, 2020, the authorization granted by the Secretary of the Army in a permit dated December 10, 2015, from the District Engineer at New Orleans, Louisiana, to dredge and fill for marsh nourishment and creation project (PO-104), located along the Lake Pontchartrain shoreline, at the confluence of Bayous Bonfouca and Liberty, in St. Tammany Parish, Louisiana, is specifically extended to March 31, 2024.

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

A copy of the first page 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

Enclosure

cc: Taylor Daigle, CPRA
EARTEN CONTAINMENT DIKE CENTERLINE COORDINATES

<table>
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<td>22 30° 15' 08.37&quot;</td>
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NOTES:
1. BACKGROUND IMAGERY WAS TAKEN IN 2010.
2. INTERNAL TRAINING DIKES MAY BE USED AS NEEDED AT ANY LOCATION WITHIN THE MARSH CREATION AREA TO PROPERLY CONTAIN AND Dewater fill material and achieve the target construction marsh fill elevation.
3. Dewatering of fill material must not be directly discharged into BAYOU BONFOUCA and lake Pontchartrain.
4. The dewatering outfall shall be restricted to a location on the north-west quadrant of the marsh creation area, in between earthen containment dike centerline points 1 through 5.
5. The pipeline and equipment corridor shall be re-graded to post-construction conditions prior to demobilization.
6. Except along BAYOU BONFOUCA and lake Pontchartrain, containment dikes to be gapped 25' long at 50' intervals after construction.

LEGEND
- MArsh creation area
- Earthen containment dike (ECD-6)
- Pipeline & equipment corridor

COASTAL PROTECTION AND RESTORATION AUTHORITY
450 Laurel Street
Baton Rouge, Louisiana 70801

BAYOU BONFOUCA MARSH CREATION PROJECT
STATE PROJECT NUMBER: PD-104
FEDERAL PROJECT NUMBER: PD-104
DATE: JULY 2015

MARSH CREATION AREA 3 LAYOUT

30' 150' 0' 30' 60'

APPLICATION BY:
UNITED STATES FISH AND WILDLIFE SERVICE (USFWS)
91095 HWY 424
LACROIX, LA. 70445

DRAWN BY: K. CANTU
DESIGNED BY: S. HAYNES, P.E.
APPROVED BY: R. JOFFRION, P.E.
FEDERAL PROJECT NUMBER: PD-104
STATE PROJECT NUMBER: PD-104
DATE: JULY 2015

SHEET 6 OF 17
EARTHEN CONTAINMENT DIKE CENTERLINE COORDINATES

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NOTES:
1. BACKGROUND IMAGERY WAS TAKEN IN 2010.
2. INTERNAL TRAINING DIKES MAY BE USED AS NECESSARY AT ANY LOCATION WITHIN THE MARSH CREATION AREA TO PROPERLY CONTAIN AND Dewater FILL MATERIAL AND ACHIEVE THE TARGET CONSTRUCTION MARSH FILL ELEVATION.
3. Dewatering of Fill Material MUST NOT BE DIRECTLY DISCHARGED INTO BAYOU BONFOUCA AND LAKE PONCHARTRAIN.
5. THE PIPELINE AND EQUIPMENT CORRIDOR SHALL BE RE-GRADED TO PRE-CONSTRUCTION CONDITIONS PRIOR TO DEMOBILIZATION.
6. EXCEPT ALONG LAKE PONCHARTRAIN, CONTAINMENT DIKES TO BE GAPPED 25' LONG AT 500' INTERVALS AFTER CONSTRUCTION.

LEGEND
- MARSH CREATION AREA
- EARTHEN CONTAINMENT DIKE (ECD-5)
- PIPELINE & EQUIPMENT CORRIDOR

COASTAL PROTECTION AND RESTORATION AUTHORITY
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

APPLICATION BY:
UNITED STATES FISH AND WILDLIFE SERVICE (USFWS)
61389 HWY 434
LAGUNA, LA 70345

DRAWN BY: K. CAHLOW
DESIGNED BY: S. HAYNES, P.E
APPROVED BY: R. JOFFRION, P.E

STATE PROJECT NUMBER: PO-104
DATE: JULY 2015
FEDERAL PROJECT NUMBER: PO-104
SHEET 7 OF 17
TYPICAL SECTION - MARSH CREATION AREA 1

TYPICAL SECTION - MARSH CREATION AREA 2

LEGEND

- EARTHEN CONTAINMENT DIKE
- EARTHEN CONTAINMENT DIKE BORROW AREA
- MARSH CREATION FILL
- --- EXISTING GROUND

NOTE:
DISCHARGE SHALL BE DIRECTED TO RETAIN AS MUCH MATERIAL AS POSSIBLE.

COASTAL PROTECTION AND RESTORATION AUTHORITY
6136 HWY 434
LACOMBE, LA, 70448

BAYOU BONFOUCA MARSH CREATION PROJECT

APPLICATION BY:
UNITED STATES FISH AND WILDLIFE SERVICE (USFWS)

STATE PROJECT NUMBER: PO-104
DATE: JULY 2015

DESIGNED BY: S. HAYNES, P.E.
APPROVED BY: R. JOFFRON, P.E.

FEDERAL PROJECT NUMBER: PO-104
SHEET 9 OF 17
TYPICAL SECTION - MARSH CREATION AREA 3

SOUTHWEST

CONSTRUCTION MARSH FILL EL. = 2.6 (TOLERANCE = -0.5')

EXISTING GROUND

TYPICAL SECTION - MARSH CREATION AREA 4

LEGEND

- EARTHEEN CONTAINMENT DIKE
- EARTHEEN CONTAINMENT DIKE BORROW AREA
- MARSH CREATION FILL
- DASHED = EXISTING GROUND

APPLICATION BY:
UNITED STATES FISH AND WILDLIFE SERVICE (USFWS)
51300 HWY 304
LAGOMAR, LA 70645

COASTAL PROTECTION AND RESTORATION AUTHORITY
459 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

BAYOU DONFOUCA MARSH CREATION PROJECT
STATE PROJECT NUMBER: PO-164
FEDERAL PROJECT NUMBER: PO-104
DATE: JULY 2016

TYPICAL SECTIONS

NOTE:
DISCHARGE SHALL BE DIRECTED TO RETAIN AS MUCH MATERIAL AS POSSIBLE.

HORIZONTAL GRAPHIC SCALE

VERTICAL GRAPHIC SCALE

200' 100' 0 200' 400'
10' 5' 0' 10' 20'
COASTAL PROTECTION AND RESTORATION AUTHORITY

APPLICATION BY
UNITED STATES FISH AND WILDLIFE SERVICE (USFWS)
61390 HWY 33
LACOMBE, LA 70445

BAYOU BONFOUCICA
MARSH CREATION PROJECT

STATE PROJECT NUMBER: PO-104
DATE: JULY 2015

FEDERAL PROJECT NUMBER: PO-104

DRAWN BY: K. CANTU
DESIGNED BY: S. HAYNES, P.E.
APPROVED BY: R. JOFFRION, P.E.

CONTAINMENT DIKE DETAILS

NOTE:
EARTHEN CONTAINMENT DIKES SHALL BE CONSTRUCTED USING IN-SITU MATERIAL. SEE SHEETS 4 - 7 FOR EARTHEN CONTAINMENT DIKE LOCATIONS.
SETTLEMENT PLATE NOTES:
1. SETTLEMENT PLATES SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION.
2. LOCATION AND ELEVATION WILL BERecorded DURING AS-BUILT SURVEY.

GAUGE SIGN: 4" WIDE x 12" HIGH 0.120" RIGID SUBSTRATE WITH ENGINEER-GRADE REFLECTIVE SHEETING (SEE TS-3 OF THE SPECIFICATIONS FOR ADDITIONAL DETAILS)

UPPER TOLERANCE ELEVATION
BACKGROUND SHADING: RED
MARSH CREATION TARGET ELEVATION
BACKGROUND SHADING: GREEN
LOWER TOLERANCE ELEVATION
TIMBER: 2" x 4" x 12" UNTREATED

GRADE STAKE DETAIL
NOT TO SCALE

COASTAL PROTECTION AND RESTORATION AUTHORITY
450 LAURIE STREET
BATON ROUGE, LOUISIANA 70801

BAYOU BONFOUCA MARSH CREATION PROJECT
STATE PROJECT NUMBER: PO-104
FEDERAL PROJECT NUMBER: PO-104
DATE: JULY 2010
SHEET 17 OF 17
APPENDIX C

CHANGE ORDERS
CHANGE ORDER NO. 01

OWNER: State of Louisiana, Coastal Protection & Restoration Authority
CONTRACTOR: Marsh Buggies Inc.
PROJECT: Goose Point/Point Platte and Bayou Bonfouca Marsh Creation Maintenance Project (PO-0033/PO-0104)
PURCHASE ORDER NO: 2000519952
ENGINEER: Gary Leonards, P.E.

The following changes are hereby proposed to be made to the Contract Documents:

Description:
- Add one dike gap to Bayou Bonfouca Marsh Creation Area 1. The new gap will be located at 30°14'59.69"N, 89°51'34.55"W. This will require an addition of $1,214.04 and 2 contract days.
- Modify the geometry for the creeks and gaps in Bayou Bonfouca Marsh Creation Area 2. The modification was agreed to be a no cost / no time change for the portion of the creek that had not been constructed. For the portion of the creek that had already been constructed (1,200 LF), an additional $19,850.00 and 8 days are required. CPRA does not require that Marsh Buggies, Inc. backfill the excavated area to match the new cross section, rather that the new cross section be excavated along the centerline of the constructed creek. The material shall be sidecast into the area that was previously excavated. The spoil material shall not be placed adjacent to the perimeter of the channel or create obstructions within the creek.
- Decrease the bottom width of the creeks in Goose Point / Point Platte Cell B to 15' wide. This is a no cost / no time change.
- Decrease the bottom width of the creek in Goose Point / Point Platte Cell C to 30' wide. This is a no cost / no time change.
- Decrease the bottom width of the creek in Goose Point / Point Platte Cell D to 15' wide. This is a no cost / no time change.
- Note that the gaps at all Goose Point / Point Platte cells will remain at the original bottom width of 50'.

Attachments (list documents supporting change):
- Sketch showing the new creek cross section for MCA 2.
## CHANGE ORDER NO. 01

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<th>Change in Contract Time</th>
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**RECOMMENDED:**

By: [Signature]

Engineer

Date: 9/23/20

**RECOMMENDED:**

By: [Signature]

CPRA Construction Manager

Date: 9-23-20

**ACCEPTED:**

By: [Signature]

Contractor

Date: 9-23-20
**Goose Point/Point Platte and Bayou Bonfouca Marsh Creation Maintenance Project**  
*(PO-0033/PO-0104)*

**CHANGE ORDER NO. 01**

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**Net Increase of this Change Order**  
$21,064.04

**Justification:**

- One additional dike gap at Bayou Bonfouca Area 1 is required to establish tidal exchange in an area that is currently impounded.
- Deepening the creek in Bayou Bonfouca Area 2 will increase tidal exchange and reduce the risk of vegetating later in the project life.
- Reduction of the creek widths in Goose Point / Point Platte Cells B, C, and D will make the creeks mimic existing features in the area.
Pennick Tidal Creek + Gaps
CHANGE ORDER NO. 02

OWNER: State of Louisiana, Coastal Protection & Restoration Authority
CONTRACTOR: Marsh Buggies Inc.
PROJECT: Goose Point/Point Platte and Bayou Bonfouca Marsh Creation Maintenance Project (PO-0033/PO-0104)
PURCHASE ORDER NO: 2000519952
ENGINEER: Gary Leonards, P.E.

The following changes are hereby proposed to be made to the Contract Documents:

Description:

- Add surveying of the Area 2 ponds and surrounding marsh to evaluate the possibility of additional excavation in the area. The surveys shall include:
  - One long-dimension section of each pond. The transects shall extend 150’ beyond the pond dike in both directions.
  - Three short-dimension sections of each pond. The transects shall extend 150’ beyond the pond dike in both directions.
  - Four transects per pond in each “corner”. These transects start at the pond dike and extend 150’ beyond the pond dike.

Attachments (list documents supporting change):

- None.
## Goose Point/Point Platte and Bayou Bonfouca Marsh Creation Maintenance Project
(PO-0033/PO-0104)

### CHANGE ORDER NO. 02

<table>
<thead>
<tr>
<th>Change in Contract Price</th>
<th>Change in Contract Time</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Original Contract Price</strong></td>
<td><strong>$248,199.89</strong></td>
</tr>
<tr>
<td><strong>Net Increase/(Decrease) from previous Change Orders</strong></td>
<td><strong>$21,063.04</strong></td>
</tr>
<tr>
<td><strong>Contract Price prior to this Change Order</strong></td>
<td><strong>$269,262.93</strong></td>
</tr>
<tr>
<td><strong>Net Increase/(Decrease) of this Change Order</strong></td>
<td><strong>$6,470.00</strong></td>
</tr>
<tr>
<td><strong>Contract Price with this Change Order</strong></td>
<td><strong>$275,732.93</strong></td>
</tr>
</tbody>
</table>

**RECOMMENDED:**

By: [Signature]

Engineer

Date: 10/21/20

---

**RECOMMENDED:**

By: [Signature]

CPRA Construction Manager

Date: 10-21-2020

---

**ACCEPTED:**

By: [Signature]

Contractor

Date: 10/31/20
Goose Point/Point Platte and Bayou Bonfouca Marsh Creation Maintenance Project

(PO-0033/PO-0104)

CHANGE ORDER NO. 02

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
<th>UNIT</th>
<th>ORIGINAL QUANTITY</th>
<th>ADJUSTED QUANTITY</th>
<th>UNIT PRICE</th>
<th>AMOUNT OVERRUN</th>
<th>AMOUNT UNDERRUN</th>
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<tr>
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<td>$6,470.00</td>
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</tr>
</tbody>
</table>

Net Increase of this Change Order | | | | | $5,470.00 |

Justification:

- After excavating access to the ponds in Area 2 and gapping the pond's containment dike, the project team realized that the elevation of the ponds is higher than originally planned. At the current elevation, the pond will drain at low tide and not function as a pond. No surveys have been performed in the ponds since immediately after the original construction of the project. In order to determine the current elevation in the ponds and assess the possibility of excavating the ponds under the current permit, survey data is needed in the ponds and in the surrounding marsh.
CHANGE ORDER NO. 03

OWNER: State of Louisiana, Coastal Protection & Restoration Authority
CONTRACTOR: Marsh Buggies Inc.
PROJECT: Goose Point/Point Platte and Bayou Bonfouca Marsh Creation Maintenance Project (PO-0033/PO-0104)
PURCHASE ORDER NO: 2000519952
ENGINEER: Gary Leonards, P.E.

The following changes are hereby proposed to be made to the Contract Documents:

Description:

- Add excavation of the Area 2 ponds to an elevation of -1' NAVD 88 as per the attached drawings.
  - The maximum spoil placement elevation is +2.5' NAVD 88.
  - The material shall be placed within the limits of the existing pond dikes, so the new ponds will be smaller than the existing ponds. See attached drawings for details.
  - The connections to the recently constructed tidal creeks shall be maintained throughout the spoil placement areas.
    - The invert elevation of the water connection shall be -1' NAVD 88. Where this meets the existing tidal creek, the invert elevation shall transition to -4' NAVD 88 (to match the existing tidal creek).
    - The bottom width of the water connection shall be 15 feet. Where this meets the existing tidal creek, the dimension shall transition to a bottom width of 3 feet (to match the existing tidal creek).

- Add as built surveys for the pond excavation. These surveys shall cover the same transects included in Change Order #2.

Attachments (list documents supporting change):

- Figure 1 – Plan View of Ponds in MCA 2
- Figure 2 – Cross Sections of Ponds in MCA 2
Goose Point/Point Platte and Bayou Bonfouca Marsh Creation Maintenance Project  
(PO-0033/PO-0104)

CHANGE ORDER NO. 03

<table>
<thead>
<tr>
<th>Change in Contract Price</th>
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<tbody>
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<td>Net Increase (Decrease) of this Change Order (days)</td>
</tr>
<tr>
<td>$204,772.90</td>
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<td>Contract Time with this Change Order (calendar days)</td>
</tr>
<tr>
<td>$480,505.83</td>
<td>114</td>
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RECOMMENDED:  
By: [Signature]  
Engineer  
Date: 11/13/2020

RECOMMENDED:  
By: [Signature]  
CPRA Construction Manager  
Date: 11-14-2020

ACCEPTED:  
By: [Signature]  
Contractor  
Date: 11/14/20
Goose Point/Point Platte and Bayou Bonfouca Marsh Creation Maintenance Project

(PO-0033/PO-0104)

CHANGE ORDER NO. 03

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<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
<th>UNIT</th>
<th>ORIGINAL QUANTITY</th>
<th>ADJUSTED QUANTITY</th>
<th>UNIT PRICE</th>
<th>AMOUNT OVERRUN</th>
<th>AMOUNT UNDERRUN</th>
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<tbody>
<tr>
<td>21</td>
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<td>$204,772.90</td>
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</table>

Net Increase of this Change Order

$204,772.90

Justification:
- After excavating access to the ponds in Area 2 and gapping the pond’s containment dikes, the project team realized that the elevation of the ponds is higher than originally planned. At the current elevation, the pond will drain at low tide and not function as a pond. In order to meet the intended purpose of the ponds, excavation of the ponds is required.
CHANGE ORDER NO. 04

OWNER: State of Louisiana, Coastal Protection & Restoration Authority
CONTRACTOR: Marsh Buggies Inc.
PROJECT: Goose Point/Point Platte and Bayou Bonfouca Marsh Creation Maintenance Project (PO-0033/PO-0104)
PURCHASE ORDER NO: 2000519952
ENGINEER: Gary Leonards, P.E.

The following changes are hereby proposed to be made to the Contract Documents:

Description:
- Add contract time to complete the work.

Attachments (list documents supporting change):
- N/A

Goose Point/Point Platte and Bayou Bonfouca Marsh Creation Maintenance Project (PO-0033/PO-0104)

CHANGE ORDER NO. 04

<table>
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</thead>
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<td>Contract Time with this Change Order (calendar days)</td>
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</table>

RECOMMENDED:
By: [Signature] Engineer
Date: 12/28/20

RECOMMENDED:
By: [Signature] CPRA Construction Manager
Date: 12/28/2020

ACCEPTED:
By: [Signature] Contractor
Date: 1/8/20
Goose Point/Point Platte and Bayou Bonfouca Marsh Creation Maintenance Project
(PO-0033/PO-0104)

CHANGE ORDER NO. 04

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
<th>UNIT</th>
<th>ORIGINAL QUANTITY</th>
<th>ADJUSTED QUANTITY</th>
<th>UNIT PRICE</th>
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</tbody>
</table>

Net Increase of this Change Order

Justification:
- Additional time is needed to complete the work at no additional cost.
APPENDIX D

PROVIDENCE DAILY PROJECT REPORTS
**DAILY REPORT**

**DATE:** 9/8/2020  
**PAGE:** 1 of 2

**CLIENT NAME:** Coastal Protection and Restoration Authority  
**PROJECT NO:** 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

<table>
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<tr>
<th>Weather Conditions</th>
<th>Temperature: 91</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Wind Speed and Direction: 10 mph E/SE</td>
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</tr>
<tr>
<td></td>
<td>Precipitation/Amount: N/A</td>
<td></td>
</tr>
</tbody>
</table>

| Time | Work Start: 8:00 am | Work Stop: 4:00 pm | Interruptions and Explanation: N/A |

**Contractor Personnel and Equipment:**

1 – Airboat  
1 – Airboat Captain  
2 – HydroTerra Survey Personnel

**Work Completed:**

Drove centerline of all plan tidal creeks in Areas 1 & 2, Cells C, D & E, to determine if there are any existing creeks adjacent, which may be utilized.

Area 1 (see pic below), the plan centerline runs along the left shoreline of existing creek pictured. Requested that centerline be shifted eastward to center of existing creek. Existing creek does widen farther into pic, to utilize the majority of 50’ width.

No other beneficial deviations were observed in other Areas or Cells today.

**Project Concerns/Issues:**

Area 3 – There exists a “natural” dike gap at access entrance. Needs reviewing to determine if additional gap is warranted at this location.

**Project Representative:** Gary Hall
Photograph 1

Natural tidal creek in Area 1.

Photograph 2

Significant vegetation growth in Area 2.
### DAILY REPORT

<table>
<thead>
<tr>
<th>DATE: 9/11/2020</th>
<th>PAGE: 1 of 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLIENT NAME: Coastal Protection and Restoration Authority</td>
<td>PROJECT NO: 810-002</td>
</tr>
</tbody>
</table>

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

<table>
<thead>
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<th>Weather Conditions</th>
<th>Temperature: 87</th>
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</thead>
<tbody>
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<td>Precipitation/Amount: .25”</td>
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<table>
<thead>
<tr>
<th>Time</th>
<th>Work Start: 7:00 am</th>
<th>Work Stop: 7:00 pm</th>
<th>Interruptions and Explanation: N/A</th>
</tr>
</thead>
</table>

**Contractor Personnel and Equipment:**

1 – Airboat  
1 – Airboat Captain  
1 – Marsh Buggy  
1 – Operator  
1 - Supervisor  
2 – HydroTerra Survey Personnel

**Work Completed:**

Surveyed/staked revised dike gap location in Area 3, new dike gap added to Area 1, and continued survey in Cell E.

Marsh Buggy mobilized to Bayou Bonfouca Area 1 – Created connection between tidal creek and south side of pond. Completed approximately 150’ of tidal creek.

**Project Concerns/Issues:**

N/A

**Project Representative:** Gary Hall
Creating connection between tidal creek and pond in Bonfouca Area 1.

Bayou Bonfouca Area 1 – Digging tidal creek from pond working to the south.
## Weather Conditions

<table>
<thead>
<tr>
<th>Temperature</th>
<th>Humidity</th>
</tr>
</thead>
<tbody>
<tr>
<td>80</td>
<td>74%</td>
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<table>
<thead>
<tr>
<th>Wind Speed and Direction</th>
<th>Precipitation/Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>N @ 7mph</td>
<td>.03&quot; Light rain in afternoon</td>
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</tbody>
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## Time

<table>
<thead>
<tr>
<th>Work Start</th>
<th>Work Stop</th>
<th>Interruptions and Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 am</td>
<td>7:00 pm</td>
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</tr>
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</table>

## Contractor Personnel and Equipment:

- 1 – Airboat
- 1 – Marsh Buggy
- 1 – Crew Boat
- 1 – Airboat Captain
- 1 – Operator
- 1 – Supervisor

## Work Completed:

Mobilized marsh buggy from Lacombe to Bayou Bonfouca Area 2, via southern access route. Began work on northeast tidal creek (outside of Area 2) working south toward perimeter dike in Area 2. (see Photograph 1) Completed approximately 300’ of tidal creek.

Second marsh buggy arrived at Lacombe. Will be mobilized to project area as soon as weather (wind) permits.

## Project Concerns/Issues:

N/A

## Project Representative:

Gary Hall
Area 2 – Digging northeast tidal creek towards perimeter dike in Area 2.

Additional dike gap added to north side of Area 1 at request of USFWS.
DAILY REPORT

DATE: 9/20/2020

CLIENT NAME: Coastal Protection and Restoration Authority

PROJECT NO: 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

<table>
<thead>
<tr>
<th>Weather Conditions</th>
<th>Temperature: 69</th>
<th>Humidity: 87%</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Wind Speed and Direction: NE @ 10mph</td>
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<tr>
<td></td>
<td>Precipitation/Amount: .04” Light rain all day</td>
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</table>

<table>
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<tr>
<th>Time</th>
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</thead>
<tbody>
<tr>
<td>Work Start: 7:00 am</td>
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<tr>
<td>Work Stop: 7:00 pm</td>
</tr>
<tr>
<td>Interruptions and Explanation: See below.</td>
</tr>
</tbody>
</table>

Contractor Personnel and Equipment:
- 1 – Airboat
- 1 – Marsh Buggy
- 1 – Crew Boat
- 1 – Airboat Captain
- 1 – Operator
- 1 – Supervisor

Work Completed:
MBI completed approximately 200’ of 50’ wide tidal creek on northeast side of Area 2. This completes the section of tidal creek from canal to perimeter dike of Area 2.

MBI completed approximately 400’ of 15’ wide tidal creek from perimeter dike towards northernmost pond inside Area 2.

Project Concerns/Issues:
Landowner came to jobsite Saturday evening (9.19.20) and expressed concerns about the width/depth of tidal creeks being constructed on his land. CPRA, UFSWS, Providence Engineering and Refuge Manager were contacted, and a decision was made to change width/depth of tidal creeks in Area 2 to accommodate said landowner.

See Photo 1 of sketch of new tidal creek section, for Area 2 only.

Project Representative: Gary Hall

[Signature]

PROVIDENCE
Photograph 1

Area 2 – Sketch of new tidal creek section for Area 2 only.

Photograph 2

Transitioning of 50’ wide tidal creek to 15’ wide at northeast perimeter dike of Area 2.
**DAILY REPORT**

**DATE:** 9/21/2020  
**PAGE:** 1 of 2

**CLIENT NAME:** Coastal Protection and Restoration Authority  
**PROJECT NO:** 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

<table>
<thead>
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<td>Precipitation/Amount:</td>
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<table>
<thead>
<tr>
<th>Time</th>
<th>Work Start: 7:00 am</th>
<th>Work Stop: 7:00 pm</th>
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</thead>
<tbody>
<tr>
<td></td>
<td><strong>Interruptions and Explanation:</strong> MBI will not work on Tuesday 9/22/2020, because of the high water.</td>
<td></td>
</tr>
</tbody>
</table>

**Contractor Personnel and Equipment:**

1 – Airboat  
1 – Marsh Buggy  
1 – Crew Boat  
1 – Airboat Captain.  
1 – Operator  
1 – Supervisor

**Work Completed:**

MBI completed 575’ of tidal creek and 4 pond dike gaps in Area 2.  
Survey crew continues to work in Cells C, D and E. (They will work on Tuesday)

**Project Concerns/Issues:**

Tides from Tropical Storm Beta running 3’- 4’ above normal.

**Project Representative:** Gary Hall
Area 2 – Tidal creek from northeast perimeter dike gap towards north pond.

Area 2 – Digging dike gap on north side of north pond in Area 2.
### DAILY REPORT

**DATE:** 9/24/2020  
**PAGE:** 1 of 2  

**CLIENT NAME:** Coastal Protection and Restoration Authority  
**PROJECT NO:** 810-002  

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

<table>
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<td>Precipitation/Amount:</td>
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<table>
<thead>
<tr>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Work Start:</td>
</tr>
<tr>
<td>Work Stop:</td>
</tr>
</tbody>
</table>

**Interruptions and Explanation:** MBI did not work Tuesday 9/22/2020 and Wednesday 9/23/2020 because of the high water.

**Contractor Personnel and Equipment:**

1 – Airboat  
1 – Marsh Buggy  
1 – Crew Boat  
1 – Airboat Captain  
1 – Operator  
1 – Supervisor

**Work Completed:**

MBI completed 530’ of tidal creek and 1 dike gap at southern access point of Area 2. This completes the tidal creek and dike gap work, inside the perimeter dike, for Area 2.

Marsh buggy tracked to north east tidal creek and re-cut the 1,200’ from back levee canal to perimeter dike, per Change Order #1.

**Project Concerns/Issues:**

N/A

**Project Representative:** Gary Hall
Photograph 1

Perimeter dike gap at southern access to Area 2.

Photograph 2

Digging new tidal creek configuration from canal to perimeter dike, in Area 2 (North to South).
# DAILY REPORT

**DATE:** 9/25/2020

**CLIENT NAME:** Coastal Protection and Restoration Authority

**PROJECT NO:** 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

## Weather Conditions

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## Time

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<tr>
<th>Work Start: 7:00 am</th>
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</thead>
<tbody>
<tr>
<td>Work Stop: 7:00 pm</td>
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</tbody>
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| Interruptions and Explanation: N/A |

## Contractor Personnel and Equipment:

- 1 – Airboat
- 1 – Marsh Buggy
- 1 – Crew Boat
- 1 – Airboat Captain
- 1 – Operator
- 1 – Supervisor

## Work Completed:

- Marsh buggy tracked from northeast perimeter dike to southern access of Area 2, smoothing out and covering tracks as much as possible. Water had receded but still 2’ above normal.

- Buggy then towed to west side of Area 2 and cut last remaining dike.

- MBI towed buggy to access point of Cell D, tracked access route and crossed Southern Natural Gas Pipeline and made it to Cell E by end of day.

## Project Concerns/Issues:

- N/A

## Project Representative: Gary Hall
Photograph 1

Reshaped tidal creek on the west side of Area 2.

Photograph 2

Area 2 west side, MBI digging 50’ wide dike gap.
## DAILY REPORT

**DATE:** 9/28/2020  
**CLIENT NAME:** Coastal Protection and Restoration Authority  
**PROJECT NO:** 810-002  

### Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

<table>
<thead>
<tr>
<th><strong>Weather Conditions</strong></th>
<th><strong>Temperature:</strong> 89°C</th>
<th><strong>Humidity:</strong> 74%</th>
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</thead>
<tbody>
<tr>
<td><strong>Wind Speed and Direction:</strong></td>
<td>variable @ 6 mph then NW later in the day</td>
<td></td>
</tr>
<tr>
<td><strong>Precipitation/Amount:</strong></td>
<td>light shower with approaching front</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Time</strong></th>
<th><strong>Work Start:</strong> 7:00 am</th>
<th><strong>Work Stop:</strong> 7:00 pm</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Interruptions and Explanation:</strong></td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

### Contractor Personnel and Equipment:

- 2 – Airboats
- 1 – Marsh Buggy
- 1 – Crew Boat
- 2 – Airboat Captain
- 1 – Operator
- 1 – Supervisor

### Work Completed:

- Marsh buggy completed 300’ of tidal creek and 1 dike gap on western side of Cell E.
- MBI towed second marsh buggy from Lacombe launch to Cell D and set up to begin work tomorrow.
- Surveyors staked Cells C & D.

### Project Concerns/Issues:

- N/A

### Project Representative:

- Gary Hall

---

9.28.2020 Daily Report.docx
Cell E – MBI completed 300’ of tidal creek on west side.

Western dike gap of Cell E.
DATE: 9/29/2020

CLIENT NAME: Coastal Protection and Restoration Authority

DATE: 9/29/2020

PROJECT NO: 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

<table>
<thead>
<tr>
<th>Weather Conditions</th>
<th>Temperature: 75°</th>
<th>Humidity: 43%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Wind Speed and Direction: N @ 13 mph</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Precipitation/Amount: 0.02” Light rain early morning then clearing</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Work Start: 7:00 am</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Work Stop: 7:00 pm</td>
</tr>
<tr>
<td></td>
<td>Interruptions and Explanation: Marsh buggy #143 down 2 hours for repair.</td>
</tr>
</tbody>
</table>

**Contractor Personnel and Equipment:**

- 3 - Airboats
- 1 - Crew Boat
- 1 - Marsh Buggy #143
- 1 - Marsh Buggy #107

- 3 - Airboat Captains
- 1 - Supervisor
- 2 - Operators
- 2 - Surveyors
- 1 - Mechanic

**Work Completed:**

- Marsh buggy #143 completed approximately 350’ of tidal creek in Cell E.
- Marsh buggy #107 mobilized and to project and completed approximately 250’ of tidal creek in Cell D.
- Surveyors working on as-builds for Areas 1, 2 and 3.
- Progress meeting held onsite. CPRA, MBI, Providence Engineering, NWFS were represented. Jobsite tour was taken of Areas 1 thru 4 and Cells E & D.

**Project Concerns/Issues:**

- Area 1 tidal creek at pond and Area 2 west side dike gap were discussed as possibly being to shallow. Waiting on as-builds to determine if any action will be taken.
- Water level had receded to 1.09’ after being 2’ - 4’ above normal from strong E/SE winds for the past 2 weeks.

**Project Representative:** Gary Hall
MBI working on tidal creek in Cell E.

Buggy #107 digging tidal creek in Cell D.
**DAILY REPORT**

**DATE:** 9/30/2020  
**CLIENT NAME:** Coastal Protection and Restoration Authority  
**PROJECT NO:** 810-002  

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

<table>
<thead>
<tr>
<th>Weather Conditions</th>
<th>Temperature: 76</th>
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<tr>
<td>Wind Speed and Direction:</td>
<td>Calm</td>
<td></td>
</tr>
<tr>
<td>Precipitation/Amount:</td>
<td>0.00</td>
<td></td>
</tr>
</tbody>
</table>

**Time**

| Work Start: | 7:00 am |
| Work Stop:  | 7:00 pm |

**Interruptions and Explanation:** Marsh buggy #143 down at 3pm, awaiting approval to cross pipeline canal.

**Contractor Personnel and Equipment:**

<table>
<thead>
<tr>
<th>2 - Airboats</th>
<th>2 - Airboat Captains</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - Crew Boat</td>
<td>1 - Supervisor</td>
</tr>
<tr>
<td>1 - Marsh Buggy #143</td>
<td>2 - Operators</td>
</tr>
<tr>
<td>1 - Marsh Buggy #107</td>
<td>2 - Surveyors</td>
</tr>
<tr>
<td></td>
<td>1 - Mechanic</td>
</tr>
</tbody>
</table>

**Work Completed:**

- Marsh buggy #143 completed the remaining 170’ of tidal creek in Cell E. This concludes all work for Cell E.
- Marsh buggy #107 completed approximately 300’ of tidal creek in Cell D.
- Surveyors working on pre-construction surveys in Cells A & B.
- I rode with HydroTerra today prior to their surveying in Cells A & B. We drove center line of all tidal creeks and observed locations of dike gaps in Cells A & B. Some natural tidal creeks and dike gaps were seen adjacent to plan tidal creeks/dike gaps. The plan creeks/gaps were adjusted to conform with the natural flow of the marsh and will be surveyed/staked accordingly. Refuge Manager, Danny Breaux was consulted on this.
- Davis Bacon Wage compliance interviews conducted by Providence this day.

**Project Concerns/Issues:**

- Marsh buggy #143 awaiting approval to cross pipeline canal, adjacent to Cell E.

**Project Representative:** Gary Hall

---

Photograph 1

MBI completed tidal creek and all dike gaps in Cell E.

Photograph 2

Buggy #107 digging tidal creek in Cell D, approaching dike gap.
**DATE:** 10/1/2020  
**CLIENT NAME:** Coastal Protection and Restoration Authority  
**PROJECT NO:** 810-002  

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

### Weather Conditions

<table>
<thead>
<tr>
<th>Temperature: 87</th>
<th>Humidity: 40%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wind Speed and Direction: NW @ 3 MPH</td>
<td></td>
</tr>
<tr>
<td>Precipitation/Amount: 0.00</td>
<td></td>
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</tbody>
</table>

### Time

| Work Start: 7:00 am |
| Work Stop: 7:00 pm |

### Interruptions and Explanation:

Marsh buggy #143 down till 2:00 pm awaiting approval to cross pipeline canal.

### Contractor Personnel and Equipment:

2 - Airboats  
1 - Crew Boat  
1 - Marsh Buggy #143  
1 - Marsh Buggy #107  
2 - Airboat Captains  
1 - Supervisor  
2 - Operators  
2 - Surveyors  
1 - Mechanic

### Work Completed:

- Marsh buggy #143 tracked to Cell C and began work on northern dike.
- Marsh buggy #107 completed the remaining 50’ of tidal creek and 1 dike gap in Cell D.
- Surveyors working on pre-construction surveys in Cells A & B.
- Eastern dike gap and tidal creek, in Cell C, were adjusted to utilize existing natural tidal creek.

### Project Concerns/Issues:

Pipeline company sent out surveyors to determine appropriate area for marsh buggy to cross pipeline canal. Crossing was surveyed/staked, and buggy crossed safely.

**Project Representative:** Gary Hall
Photograph 1

Pipeline canal surveyed/staked for safe crossing of marsh buggy #143.

Photograph 2

Buggy #107 finishing tidal creek and dike gap in Cell D.
## DAILY REPORT

**DATE:** 10/2/2020  
**PAGE:** 1 of 2

**CLIENT NAME:** Coastal Protection and Restoration Authority  
**PROJECT NO:** 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

<table>
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<th>Temperature: 73°</th>
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<td>Wind Speed and Direction:</td>
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<td>Precipitation/Amount:</td>
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<td></td>
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</tbody>
</table>

| Time |  
|------|------|
| Work Start: | 7:00 am |
| Work Stop: | 7:00 pm |
| Interruptions and Explanation: | N/A |

### Contractor Personnel and Equipment:

- 2 - Airboats
- 1 - Crew Boat
- 1 - Marsh Buggy #143
- 1 - Marsh Buggy #107
- 2 - Airboat Captains
- 1 - Supervisor
- 2 - Operators
- 2 - Surveyors
- 1 - Mechanic

### Work Completed:

- Marsh buggy #143 completed 2 dike gaps and 550’ of tidal creek in Cell C.
- Marsh buggy #107 was towed to Bayou Lacombe, tracked thru marsh to Cell B and completed 1 dike gap.
- Surveyors completed pre-construction surveys in Cells A & B.

### Project Concerns/Issues:

N/A

### Project Representative: Gary Hall
Marsh buggy #107 towed to Bayou Lacombe and began tracking to Cell B.

Cell C - Looking from adjusted dike gap location down tidal creek, west to east.
Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

<table>
<thead>
<tr>
<th>Weather Conditions</th>
<th>Temperature: 75°</th>
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<tbody>
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<td></td>
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<tr>
<td></td>
<td>Precipitation/Amount: 0.00</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Work Start: 7:00 am</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Work Stop: 7:00 pm</td>
</tr>
<tr>
<td></td>
<td>Interruptions and Explanation: N/A</td>
</tr>
</tbody>
</table>

Contractor Personnel and Equipment:

1 - Airboats  
1 - Crew Boat  
1 - Marsh Buggy #143  
1 - Marsh Buggy #107  
1 - Airboat Captain  
1 - Supervisor  
2 - Operators  
1 - Mechanic

Work Completed:

Marsh buggy #143 re-cut approximately 400’ of tidal creek in Area 2.

Marsh buggy #107 completed 300’ of north tidal creek in Cell B.

Project Concerns/Issues:

N/A

Project Representative: Gary Hall
MBI starting at northeastern side, to re-cut tidal creek in Area 2.

Marsh buggy #107 cutting north tidal creek in Cell B.
**DATE:** 10/6/2020

**CLIENT NAME:** Coastal Protection and Restoration Authority

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

**PROJECT NO:** 810-002

### Weather Conditions

<table>
<thead>
<tr>
<th>Temperature: 80°</th>
<th>Humidity: 60%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wind Speed and Direction: N @ 8 MPH</td>
<td>Precipitation/Amount: 0.00</td>
</tr>
</tbody>
</table>

### Time

<table>
<thead>
<tr>
<th>Work Start: 7:00 am</th>
<th>Work Stop: 7:00 pm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interruptions and Explanation: N/A</td>
<td></td>
</tr>
</tbody>
</table>

### Contractor Personnel and Equipment:

- 3 - Airboats
- 1 - Crew Boat
- 1 - Marsh Buggy #143
- 1 - Marsh Buggy #107
- 3 - Airboat Captains
- 1 - Supervisor
- 2 - Operators
- 1 - Mechanic

### Work Completed:

- Marsh buggy #143 re-cut approximately 700’ of tidal creek in Area 2.
- Marsh buggy #107 completed 250’ of north tidal creek in Cell B.
- Progress meeting was held today onsite--CPRA, USFWS, Providence Engineering and MBI were represented. Jobsite tour was taken of Cells A thru E.

### Project Concerns/Issues:

- MBI was reminded that bottom width of dike gaps is to be 50’, adhering to the 3:1 slope to top of dike.
- Field adjustments were made in Cells A & B to a few dike gaps and tidal creeks.
- Danny Breaux, Refuge Manager, pointed out that a marsh buggy had tracked over a Christmas tree erosion control project, while attempting to cross the pipeline canal. MBI stated that because of the tall roseau cane the operator did not see the erosion project. CPRA will have additional discussions with USFWS personnel regarding remedial actions.

- MBI will be initiating hurricane plan. Equipment anticipated to be removed from jobsite tomorrow.

**Project Representative:** Gary Hall

[Signature]

PROVIDENCE
MBI completed northwestern dike gap in Cell B. Width of gap to be verified.

Marsh buggy #107 continuing to work on north tidal creek in Cell B.
### DAILY REPORT

**DATE:** 10/7/2020  
**PAGE:** 1 of 2  

**CLIENT NAME:** Coastal Protection and Restoration Authority  
**PROJECT NO:** 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

<table>
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<tr>
<th>Weather Conditions</th>
<th>Temperature: 90°</th>
<th>Humidity: 65%</th>
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</thead>
<tbody>
<tr>
<td>Wind Speed and Direction:</td>
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</tr>
<tr>
<td>Precipitation/Amount:</td>
<td>0.00</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Work Start: 7:00 am</th>
<th>Work Stop: 7:00 pm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Interruptions and Explanation:</strong> MBI executing Hurricane plan.</td>
<td></td>
</tr>
</tbody>
</table>

**Contractor Personnel and Equipment:**

1 - Airboat  
1 - Crew Boat  
1 - Marsh Buggy #143  
1 - Marsh Buggy #107  
1 - Airboat Captain  
1 - Supervisor  
2 - Operators  
1 - Mechanic

**Work Completed:**

Marsh buggy #143 was towed from Area 2 to seaplane yard in Lacombe, loaded on trailer and brought back to MBI yard.

Marsh buggy #107 completed 150’ of north tidal creek in Cell B, then tracked to Bayou Lacombe and towed to seaplane yard.

**Project Concerns/Issues:**

Hurricane Delta predicted to reach Louisiana coast on Friday/Saturday. MBI initiating hurricane plan by starting to remove marsh buggies from project site.

**Project Representative:** Gary Hall
Photograph 1

Marsh buggy #143 at Seaplane yard awaiting transport to MBI yard.

Photograph 2

Marsh buggy #107 cutting north tidal creek, approaching dike gap in Cell B.
## Weather Conditions

| Temperature: 87 | Humidity: 61% |
| Wind Speed and Direction: N @ 7 MPH |
| Precipitation/Amount: 0.00 |

## Time

| Work Start: 7:00 am |
| Work Stop: 7:00 pm |
| Interruptions and Explanation: N/A |

## Contractor Personnel and Equipment:

| 1 - Airboat | 1 - Airboat Captain |
| 1 - Crew Boat | 1 - Supervisor |
| 1 - Marsh Buggy #143 | 1 - Operator |
| 1 - Mechanic |

## Work Completed:

MBI re-mobilized after Hurricane Delta, returning to jobsite with the above equipment and personnel.

Marsh Buggy #143 was trucked to Lacombe Seaplane yard, then towed to Area 2 on east side. MBI was unable to obtain a permit to move Marsh Buggy #107 today. It will be onsite tomorrow and towed/track back to Cell B.

Per Progress Meeting discussion and subsequent email from Taylor Daigle, I made the field adjustments to the northeast tidal creek and southern dike gap in Cell A.

The 2 dike gaps in Cell C, and the northwestern dike gap in Cell B were measured, at waterline, all were less than 50’. MBI was informed and will adjust to adhere to plans.

## Project Concerns/Issues:

N/A

## Project Representative:

Gary Hall
Photograph 1

Realignment of northeast tidal creek in Cell A, viewed east to west.

Photograph 2

Southern dike gap in Cell A adjusted.
DATE: 10/14/2020

CLIENT NAME: Coastal Protection and Restoration Authority
PROJECT NO: 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

Weather Conditions

<table>
<thead>
<tr>
<th>Temperature</th>
<th>Humidity</th>
</tr>
</thead>
<tbody>
<tr>
<td>82°</td>
<td>45%</td>
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Wind Speed and Direction: Light and Variable @ 3 MPH
Precipitation/Amount: 0.00

Time

<table>
<thead>
<tr>
<th>Work Start</th>
<th>Work Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 am</td>
<td>7:00 pm</td>
</tr>
</tbody>
</table>

Interruptions and Explanation: N/A

Contractor Personnel and Equipment:

- 1 - Airboat
- 1 - Airboat Captain
- 1 - Crew Boat
- 1 - Supervisor
- 1 - Marsh Buggy #143
- 1 - Operator
- 1 - Marsh Buggy #107
- 1 - Mechanic

Work Completed:

- Marsh buggy #143 reworked 325’ of tidal creek and 1 dike gap on northeastern side of Area 2.
- MBL mobilized marsh buggy #107 to Seaplane yard in Lacombe and will tow/track to Cell B tomorrow.

Project Concerns/Issues:

N/A

Project Representative: Gary Hall
MBI mobilized marsh buggy #107 to Seaplane yard, will track to Cell B tomorrow.

Marsh buggy #143 reworking northeastern end of tidal creek in Area 2.
# DAILY REPORT

**DATE:** 10/15/2020

**CLIENT NAME:** Coastal Protection and Restoration Authority

**PROJECT NO:** 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

## Weather Conditions

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<tr>
<th>Parameter</th>
<th>Value</th>
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<tbody>
<tr>
<td>Temperature</td>
<td>84°F</td>
</tr>
<tr>
<td>Humidity</td>
<td>59%</td>
</tr>
<tr>
<td>Wind Speed and Direction</td>
<td>S @ 8 MPH</td>
</tr>
<tr>
<td>Precipitation/Amount</td>
<td>0.00</td>
</tr>
</tbody>
</table>

## Time

<table>
<thead>
<tr>
<th>Event</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Work Start</td>
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</tr>
<tr>
<td>Work Stop</td>
<td>7:00 pm</td>
</tr>
<tr>
<td>Interruptions and Explanation</td>
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</tr>
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</table>

## Contractor Personnel and Equipment:

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - Airboat</td>
<td>1</td>
</tr>
<tr>
<td>1 - Airboat Captain</td>
<td>1</td>
</tr>
<tr>
<td>1 - Crew Boat</td>
<td>1</td>
</tr>
<tr>
<td>1 - Supervisor</td>
<td>1</td>
</tr>
<tr>
<td>1 - Marsh Buggy #143</td>
<td>2</td>
</tr>
<tr>
<td>2 - Operators</td>
<td></td>
</tr>
<tr>
<td>1 - Marsh Buggy #107</td>
<td>1</td>
</tr>
<tr>
<td>1 - Mechanic</td>
<td></td>
</tr>
</tbody>
</table>

## Work Completed:

- Marsh buggy #143 reworked 400’ of tidal creek and 1 dike gap in Area 2.
- MBI towed/tracked marsh buggy #107 from Seaplane yard to Cell B and then completed 100’ of northern tidal creek and 1 dike gap.

## Project Concerns/Issues:

N/A

## Project Representative:

Gary Hall

---

10.15.2020 Daily Report.docx
MBI towed/tracked marsh buggy #107 to Cell B first thing this morning.

Marsh buggy #107 completed final 100' of northern tidal creek and worked on dike gap in Cell B.
# DAILY REPORT

**DATE:** 10/16/2020  
**PAGE:** 1 of 2

**CLIENT NAME:** Coastal Protection and Restoration Authority  
**PROJECT NO:** 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

## Weather Conditions

<table>
<thead>
<tr>
<th>Temperature: 71°</th>
<th>Humidity: 63%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wind Speed and Direction: N @ 14 MPH</td>
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<tr>
<td>Precipitation/Amount: 0.00</td>
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</table>

## Time

<table>
<thead>
<tr>
<th>Work Start: 7:00 am</th>
</tr>
</thead>
<tbody>
<tr>
<td>Work Stop: 7:00 pm</td>
</tr>
<tr>
<td>Interruptions and Explanation: N/A</td>
</tr>
</tbody>
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## Contractor Personnel and Equipment:

<table>
<thead>
<tr>
<th>1 - Airboat</th>
<th>1 - Airboat Capt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - Crew Boat</td>
<td>1 - Supervisor</td>
</tr>
<tr>
<td>1 - Marsh Buggy #143</td>
<td>2 - Operators</td>
</tr>
<tr>
<td>1 - Marsh Buggy #107</td>
<td>1 - Mechanic</td>
</tr>
</tbody>
</table>

## Work Completed:

- Marsh buggy #143 reworked 550’ of tidal creek and 3 dike gaps in Area 2.
- Marsh buggy #107 completed the center dike gap on north side of Cell B.

## Project Concerns/Issues:

N/A

## Project Representative: Gary Hall
Marsh buggy #143 reworking southern pond dike gap in Area 2. Water level 1.0. Notice water depth in this pond.

Marsh buggy #107 completing middle dike gap on north side of Cell B.
## Weather Conditions
<table>
<thead>
<tr>
<th></th>
<th>Temperature: 85°</th>
<th>Humidity: 55%</th>
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<tbody>
<tr>
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<td>E @ 8 MPH</td>
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<tr>
<td>Precipitation/Amount:</td>
<td>0.00</td>
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## Time
<table>
<thead>
<tr>
<th></th>
<th>Work Start: 7:00 am</th>
<th>Work Stop: 7:00 pm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interruptions and Explanation:</td>
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<td></td>
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</table>

## Contractor Personnel and Equipment:

<table>
<thead>
<tr>
<th>Personnel and Equipment</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1 – Airboat</td>
<td>1 - Airboat Captain</td>
</tr>
<tr>
<td>1 - Crew Boat</td>
<td>1 - Supervisor</td>
</tr>
<tr>
<td>1 - Marsh Buggy #143</td>
<td>2 - Operators</td>
</tr>
<tr>
<td>1 - Marsh Buggy #107</td>
<td>1 - Mechanic</td>
</tr>
<tr>
<td>HydorTerra Survey crew</td>
<td></td>
</tr>
</tbody>
</table>

## Work Completed:
- Marsh buggy #143 reworked 400’ of tidal creek in Area 1.
- Marsh buggy #107 completed 300’ of southern tidal creek in Cell B.
- HydroTerra’s base station instrument was set up at boat launch. Survey crew was onsite to collect additional survey information in and around ponds in Area 2.

## Project Concerns/Issues:
- N/A

## Project Representative:
- Gary Hall
Photograph 1

Marsh buggy #143 reworking tidal creek in Area 1.

Photograph 2

Marsh buggy #107 cutting southern tidal creek in Cell B.
DATE: 10/20/2020

CLIENT NAME: Coastal Protection and Restoration Authority

PROJECT NO: 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

Weather Conditions

Temperature: 86°
Humidity: 65%

Wind Speed and Direction: E @ 7 MPH

Precipitation/Amount: 0.00

Time

Work Start: 7:00 am
Work Stop: 7:00 pm

Interruptions and Explanation: N/A

Contractor Personnel and Equipment:

2 - Airboats
1 - Crew Boat
1 - Marsh Buggy #143
1 - Marsh Buggy #107

2 - Airboat Captains
1 - Supervisor
2 - Operators
1 - Mechanic

Work Completed:

Marsh buggy #143 reworked final 100' of tidal creek and cut southern dike gap in Area 1.

Marsh buggy #107 completed southern tidal creek and southeast dike gap in Cell B.

Progress meeting was held today with CPRA, MBI, NFWS and Providence Engineering represented. We toured Areas 1 & 2 and had discussion on possibly deepening ponds in Area 2, at request of land owner.

Project Concerns/Issues:

N/A

Project Representative: Gary Hall
Photograph 1

Marsh buggy #143 finishing last 100’ of tidal creek and southern dike gap in Area 1.

Photograph 2

Marsh buggy #107 completed southern tidal creek and southeastern dike gap in Cell B.
DAILY REPORT

DATE: 10/21/2020

CLIENT NAME: Coastal Protection and Restoration Authority

PROJECT NO: 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

Weather Conditions

<table>
<thead>
<tr>
<th>Temperature</th>
<th>Humidity</th>
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</thead>
<tbody>
<tr>
<td>82°</td>
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<th>Precipitation/Amount</th>
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<tbody>
<tr>
<td>NE @ 10 MPH</td>
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Time

<table>
<thead>
<tr>
<th>Work Start</th>
<th>Work Stop</th>
<th>Interruptions and Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 am</td>
<td>7:00 pm</td>
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</tr>
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</table>

Contractor Personnel and Equipment:

- 2 - Airboats
- 1 - Crew Boat
- 1 - Marsh Buggy #143
- 1 - Marsh Buggy #107
- 2 - Surveyors
- 2 - Airboat Captains
- 1 - Supervisor
- 2 - Operators
- 1 - Mechanic

Work Completed:

- Marsh buggy #143 down today. Will be towed from Area 1 to Cell C Thursday morning.
- Marsh buggy #107 completed northeast dike gap and reworked northwest and center dike gap in Cell B. Cell B is complete and ready for post construction survey.
- HydroTerra started post-construction survey in Area’s 1 & 2, and Cells D & E. Cell C will be surveyed when buggy #143 completes the rework in this area later this week.

Project Concerns/Issues:

N/A

Project Representative: Gary Hall
Marsh buggy #107 completed northeast dike gap in Cell B.

Marsh buggy #107 reworked north center dike gap in Cell B.
# DAILY REPORT

**DATE:** 10/22/2020  
**PAGE:** 1 of 2

**CLIENT NAME:** Coastal Protection and Restoration Authority  
**PROJECT NO:** 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

<table>
<thead>
<tr>
<th><strong>Weather Conditions</strong></th>
<th><strong>Temperature:</strong> 84°</th>
<th><strong>Humidity:</strong> 67%</th>
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<tr>
<td><strong>Precipitation/Amount:</strong></td>
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</table>

<table>
<thead>
<tr>
<th><strong>Time</strong></th>
<th><strong>Work Start:</strong> 7:00 am</th>
<th><strong>Work Stop:</strong> 7:00 pm</th>
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</thead>
<tbody>
<tr>
<td><strong>Interruptions and Explanation:</strong></td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

**Contractor Personnel and Equipment:**

- 2 - Airboats
- 1 - Crew Boat
- 1 - Marsh Buggy #143
- 1 - Marsh Buggy #107
- 2 - Surveyors
- 2 - Airboat Capt.
- 1 - Supervisor
- 2 - Operators
- 1 - Mechanic

**Work Completed:**

- Marsh buggy #143 was towed/tracked to Cell C and reworked both dike gaps and 400’ of tidal creek.
- Marsh buggy #107 tracked to Cell A and cut southern dike gap and completed 100’ of southern tidal creek.
- HydroTerra continues to conduct post construction survey in Areas 1 & 2 and Cells C, D & E.

**Project Concerns/Issues:**

- Strong east winds pushing tides above normal, same predicted for tomorrow. Water elevation 2.0 today.

**Project Representative:** Gary Hall
Photograph 1

Marsh buggy #143 reworking eastern dike gap, looking west to east down tidal creek in Cell C.

Photograph 2

Marsh buggy #107 cut southern dike gap in Cell A. Water elevation 2.0'.
DAILY REPORT

DATE: 10/23/2020

CLIENT NAME: Coastal Protection and Restoration Authority

PROJECT NO: 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

Weather Conditions

Temperature: 83°
Humidity: 72%
Wind Speed and Direction: E @ 8 MPH
Precipitation/Amount: 0.14” Light rain in afternoon

Time

Work Start: 7:00 am
Work Stop: 7:00 pm

Interruptions and Explanation: MBI will not work this weekend because of the high-water level. They will resume work on Monday.

Contractor Personnel and Equipment:

2 - Airboats
1 - Crew Boat
1 - Marsh Buggy #143
1 - Marsh Buggy #107
2 - Surveyors

2 - Airboat Captains
1 - Supervisor
2 - Operators
1 - Mechanic

Work Completed:

Marsh buggy #143 finished reworking tidal creek in Cell C then reworked southern end of tidal creek in Cell D.

Marsh buggy #107 completed 100’ of southern tidal creek in Cell A, was down most of day for repairs.

HydroTerra continues to conduct post construction survey in Areas 1 & 2, and Cells C, D & E.

Project Concerns/Issues:

N/A

Project Representative: Gary Hall
Photograph 1

Marsh buggy #143 reworking southern end of tidal creek in Cell D.

Photograph 2

Marsh buggy #107 cutting southern tidal creek in Cell A.
## DAILY REPORT

**DATE:** 10/26/2020  
**PAGE:** 1 of 2  

**CLIENT NAME:** Coastal Protection and Restoration Authority  
**PROJECT NO:** 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

<table>
<thead>
<tr>
<th>Weather Conditions</th>
<th>Temperature: 78°</th>
<th>Humidity: 69%</th>
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<tbody>
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<td>Wind Speed and Direction: NE @ 9 MPH</td>
<td>Precipitation/Amount: N/A</td>
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<table>
<thead>
<tr>
<th>Time</th>
<th>Work Start: 7:00 am</th>
<th>Work Stop: 7:00 pm</th>
</tr>
</thead>
</table>

**Interruptions and Explanation:** Broken bolts on Marsh Buggy #107 repaired.

**Contractor Personnel and Equipment:**

<table>
<thead>
<tr>
<th>2 - Airboats</th>
<th>2 - Airboat Captains</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - Crew Boat</td>
<td>1 - Supervisor</td>
</tr>
<tr>
<td>1 - Marsh Buggy #143</td>
<td>2 - Operators</td>
</tr>
<tr>
<td>1 - Marsh Buggy #107</td>
<td>1 - Mechanic</td>
</tr>
<tr>
<td>2 - Surveyors</td>
<td></td>
</tr>
</tbody>
</table>

**Work Completed:**

- Marsh buggy #143 was towed from Cell D to Lacombe seaplane yard in anticipation of Hurricane Zeta.
- Marsh buggy #107 encountered more broken bolts to its bucket, repairs were made and 100' of Cell A southern tidal creek was completed.
- HydroTerra continues to conduct post construction survey work in Cells C & D.

**Project Concerns/Issues:**

N/A

**Project Representative:** Gary Hall

---

Photograph 1

Marsh buggy #107 cutting southern tidal creek in Cell A.

Photograph 2

Marsh buggy #143 towed to Lacombe seaplane yard prior to Hurricane Zeta.
# DAILY REPORT

**DATE:** 10/30/2020  
**CLIENT NAME:** Coastal Protection and Restoration Authority  
**PROJECT NO:** 810-002  

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

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<td></td>
<td>Precipitation/Amount: N/A</td>
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</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Work Start: 7:00 am</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Work Stop: 7:00 pm</td>
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<tr>
<td></td>
<td>Interruptions and Explanation: No work 10/27 thru 10/29 because of Hurricane Zeta.</td>
</tr>
</tbody>
</table>

**Contractor Personnel and Equipment:**

- 1 – Airboat
- 1 - Crew Boat
- 1 - Marsh Buggy #143
- 1 - Marsh Buggy #107

| 1 - Airboat Captain |
| 1 - Supervisor |
| 2 - Operators |
| 1 - Mechanic |

**Work Completed:**

Marsh buggy #143 was towed from Lacombe seaplane yard to Cell D, where it began reworking part of tidal creek and dike gap.

Marsh buggy #107 was towed/tracked back to Cell A where he completed 125’ of southern tidal creek.

**Project Concerns/Issues:**

N/A

**Project Representative:** Gary Hall
Marsh buggy #143 reworking tidal creek in Cell D.

Marsh buggy #107 cutting southern tidal creek in Cell A.
DAILY REPORT

DATE: 11/2/2020

CLIENT NAME: Coastal Protection and Restoration Authority

PROJECT NO: 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

Weather Conditions

| Temperature: 58° | Humidity: 35% |
| Wind Speed and Direction: N @ 10 MPH |
| Precipitation/Amount: N/A |

Time

| Work Start: 7:00 am |
| Work Stop: 7:00 pm |
| Interruptions and Explanation: N/A |

Contractor Personnel and Equipment:

1 – Airboat
1 - Airboat Captain
1 - Crew Boat
1 - Supervisor
1 - Marsh Buggy #143
2 - Operators
1 - Marsh Buggy #107
1 - Mechanic

Work Completed:

Marsh buggy #143 continues to rework areas in Cell E.

Marsh buggy #107 completed approximately 50’ of northern tidal creek in Cell A but was down most of day with busted hydraulic hose.

Project Concerns/Issues:

N/A

Project Representative: Gary Hall
Marsh buggy #143 reworking dike gap in Cell E.

Marsh buggy #107 cutting northern tidal creek in Cell A.
### Weather Conditions
<table>
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<td>Precipitation/Amount: N/A</td>
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</table>

### Time
| Work Start: 7:00 am |
| Work Stop: 7:00 pm |
| Interruptions and Explanation: N/A |

### Contractor Personnel and Equipment:
- 1 – Airboat
- 1 - Airboat Captain
- 1 - Crew Boat
- 1 - Supervisor
- 1 - Marsh Buggy #143
- 2 - Operators
- 1 - Marsh Buggy #107
- 1 - Mechanic

### Work Completed:
- Marsh buggy #143 completed reworking Cell E and tracked back to pipeline canal for crossing tomorrow.
- Marsh buggy #107 continued working on northern tidal creek in Cell A.

### Project Concerns/Issues:
N/A

### Project Representative: Gary Hall
Marsh buggy #143 completed reworking Cell E and is staged to cross pipeline canal.

Marsh buggy #107 continues cutting northern tidal creek in Cell A. Machine nearing final dike gap.
# DAILY REPORT

**DATE:** 11/4/2020  
**PAGE:** 1 of 2

**CLIENT NAME:** Coastal Protection and Restoration Authority  
**PROJECT NO:** 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

## Weather Conditions

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<th>Temperature</th>
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<tbody>
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## Time

<table>
<thead>
<tr>
<th>Work Start</th>
<th>Work Stop</th>
<th>Interruptions and Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 am</td>
<td>7:00 pm</td>
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</tr>
</tbody>
</table>

## Contractor Personnel and Equipment:

1 – Airboat  
1 - Airboat Captain  
1 - Crew Boat  
1 - Supervisor  
1 - Marsh Buggy #143  
2 - Operators  
1 - Marsh Buggy #107  
1 - Mechanic  

## Work Completed:

Marsh buggy #143 was towed/tracked to Area 1 and began reworking tidal creek.  
Marsh buggy #107 tracked to Cell B and began widening northwestern dike gap.

## Project Concerns/Issues:

N/A

## Project Representative:

Gary Hall

[Signature]

[Logo: Providence]
Marsh buggy #143 was towed to Area 1 and began reworking tidal creek.

Marsh buggy #107 tracked to Cell B and recut northwestern dike gap.
Weather Conditions

<table>
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<tr>
<th>Temperature: 76°</th>
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<td>Precipitation/Amount: N/A</td>
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Time

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<tr>
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<tbody>
<tr>
<td>Interruptions and Explanation: N/A</td>
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</tr>
</tbody>
</table>

Contractor Personnel and Equipment:

- 2 - Airboats
- 1 - Crew Boat
- 1 - Marsh Buggy #143
- 1 - Marsh Buggy #107
- 2 - Airboat Captains
- 1 - Supervisor
- 2 - Operators
- 1 - Mechanic

Work Completed:

- Marsh buggy #143 completed reworking tidal creek in Area 1.
- Marsh buggy #107 reworked northeastern and center dike gap in Cell B.

Progress meeting was held today with MBI, CPRA and Providence Engineering represented. Refuge Manager, Danny Breaux attended zoom meeting. Cells A, B, C, D and E were toured and discussed. Danny had a concern with the spoil elevation for the southern tidal creek in Cell B. This area was toured and observed. Spoil placement elevation for the southern tidal creek in Cell A was observed and documented. Both areas were photographed/discussed and Taylor will get with Danny regarding observations and path forward.

MBI has completed all work, awaiting review of post-construction surveys.

Project Concerns/Issues:

- Spoil elevations from tidal creek construction in Cells A and B.

Project Representative: Gary Hall
Marsh buggy #107 reworking northeast dike gap in Cell B.

Southern tidal creek in Cell A being reviewed, looking west to east.
**DAILY REPORT**

**DATE:** 11/9/2020  
**CLIENT NAME:** Coastal Protection and Restoration Authority  
**PROJECT NO:** 810-002  
Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

### Weather Conditions

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<thead>
<tr>
<th>Condition</th>
<th>Value</th>
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<tbody>
<tr>
<td>Temperature</td>
<td>78°</td>
</tr>
<tr>
<td>Humidity</td>
<td>67%</td>
</tr>
<tr>
<td>Wind Speed and Direction</td>
<td>E @ 8 MPH</td>
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<tr>
<td>Precipitation/Amount</td>
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### Time

<table>
<thead>
<tr>
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<th>Time</th>
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<tbody>
<tr>
<td>Work Start</td>
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<tr>
<td>Work Stop</td>
<td>5:00 pm</td>
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<tr>
<td>Interruptions and Explanation</td>
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### Contractor Personnel and Equipment:

<table>
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<tr>
<th>Personnel</th>
<th>Quantity</th>
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<tbody>
<tr>
<td>1 – Airboat</td>
<td>1 - Airboat Captain</td>
</tr>
<tr>
<td>1 - Crew Boat</td>
<td>1 - Supervisor</td>
</tr>
<tr>
<td>1 - Marsh Buggy #107</td>
<td>1 - Operator</td>
</tr>
</tbody>
</table>

### Work Completed:

- Marsh buggy #107 reduced the elevation of spoil material on east side of southern tidal creek in Cell A.
- MBI currently on standby awaiting review of post-construction surveys and possible change order for ponds in Area 2.

### Project Concerns/Issues:

N/A

### Project Representative:

Gary Hall

[Signature]

PROVIDENCE
Photograph 1

Marsh buggy #107 lowering elevation of spoil material on east side of southern tidal creek in Cell A.

Photograph 2

MBI completed reducing elevation of spoil material in Cell A today.
**DAILY REPORT**

**DATE:** 11/16/2020

**CLIENT NAME:** Coastal Protection and Restoration Authority

**PROJECT NO:** 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

<table>
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<th>Weather Conditions</th>
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<td></td>
</tr>
<tr>
<td></td>
<td>Precipitation/Amount: N/A</td>
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</table>

| Time | Work Start: 7:00 am | Work Stop: 5:00 pm | Interruptions and Explanation: N/A |

**Contractor Personnel and Equipment:**

1 - Airboat
1 - Crew Boat
1 - Marsh Buggy #107
1 - Marsh Buggy #143

1 - Airboat Captain
1 - Supervisor
2 - Operators

**Work Completed:**

Marsh buggy #107 reworked southern tidal creek and both dike gaps in Cell A.

Marsh buggy #143 was towed/tracked to northern pond in Area 2 and began excavation of this pond to elevation -1’ NAVD 88 per Change Order #3.

**Project Concerns/Issues:**

N/A

**Project Representative:** Gary Hall

[Signature]  

[Logo]  

PROVIDENCE
Marsh buggy #143 began excavation of northern pond in Area 2 per CO #3.

Marsh buggy #107 widening northern dike gap in Cell A.
# Daily Report

**Date:** 11/18/2020  
**Client Name:** Coastal Protection and Restoration Authority  
**Project No:** 810-002  
**Note:** Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

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<td></td>
<td>Precipitation/Amount: N/A</td>
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<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td><strong>Work Start:</strong></td>
<td>7:00 am</td>
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<tr>
<td><strong>Work Stop:</strong></td>
<td>5:00 pm</td>
</tr>
<tr>
<td><strong>Interruptions and Explanation:</strong></td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Contractor Personnel and Equipment:**

1 – Airboat  
1 - Crew Boat  
1 - Marsh Buggy #107  
1 - Marsh Buggy #143  

1 - Airboat Captain  
1 - Supervisor  
2 - Operators

**Work Completed:**

Marsh buggy #143 worked northern pond in Area 2. See photographs below.

MBI attempted to push marsh buggy #107 from Bayou Lacombe to Area 2 but lake was too rough. They will try again Thursday morning.

**Project Concerns/Issues:**

N/A

**Project Representative:** Gary Hall
Photograph 1

Marsh buggy #143 working east side of north pond. Spoil from a previous pass can be seen on west side.

Photograph 2

Same photo as above, different angle. Spoil will need to be rehandled to reach required spoil area marked by cane poles on left.
**DATE:** 11/20/2020

**CLIENT NAME:** Coastal Protection and Restoration Authority  
**PROJECT NO:** 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

<table>
<thead>
<tr>
<th>Weather Conditions</th>
<th>Temperature: 77°</th>
<th>Humidity: 58%</th>
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<tbody>
<tr>
<td>Wind Speed and Direction:</td>
<td>SE @ 8 MPH</td>
<td>Precipitation/Amount: N/A</td>
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<table>
<thead>
<tr>
<th>Time</th>
<th>Work Start: 7:00 am</th>
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<tbody>
<tr>
<td></td>
<td>Interruptions and Explanation: N/A</td>
<td></td>
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**Contractor Personnel and Equipment:**

1 – Airboat  
1 - Crew Boat  
1 - Marsh Buggy #107  
1 - Marsh Buggy #143  
1 - Airboat Captain  
1 - Supervisor  
2 - Operators

**Work Completed:**

Marsh buggy #143 working northern pond in Area 2, making good progress.

Marsh buggy #107 began working southern pond in Area 2.

**Project Concerns/Issues:**

N/A

**Project Representative:** Gary Hall

![Signature]

PROVIDENCE
Marsh buggy #143 working west side of north pond. View from northern dike gap looking west. Spoil area perimeter staked.

Marsh buggy #107 working east side of southern pond in Area 2.
DATE: 11/23/2020  PAGE: 1 of 2

CLIENT NAME: Coastal Protection and Restoration Authority  PROJECT NO: 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

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<th>Temperature: 65°</th>
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<td>Wind Speed and Direction: N @ 10 MPH</td>
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</tr>
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<td></td>
<td>Precipitation/Amount: N/A</td>
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<table>
<thead>
<tr>
<th>Time</th>
<th>Work Start: 7:00 am</th>
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<tbody>
<tr>
<td></td>
<td>Work Stop: 5:00 pm</td>
</tr>
<tr>
<td></td>
<td>Interruptions and Explanation: N/A</td>
</tr>
</tbody>
</table>

Contractor Personnel and Equipment:

- 1 – Airboat
- 1 - Airboat Captain
- 1 - Crew Boat
- 1 - Supervisor
- 1 - Marsh Buggy #107
- 2 - Operators
- 1 - Marsh Buggy #143

Work Completed:

- Marsh buggy #143 worked the east side of the northern pond in Area 2.
- Marsh buggy #107 was down most of the day but worked the southwestern side of southern pond.

- Taylor Daigle came out today to observe the work being done on the ponds in Area 2. Randy Hogan (MBI), Taylor, and I discussed the transition of tidal creeks at pond dike gaps, keeping spoil elevation inside ponds at 2.5’ max, and where to place spoil material once elevation and width of spoil area is achieved. Observations made; the spoil material is holding up better than anticipated and good progress is being made in northern pond. The landowners visited the site over the weekend and were very pleased with the work and everyone’s effort.

Project Concerns/Issues:

N/A

Project Representative: Gary Hall

[Signature]
Photograph 1

Marsh buggy #143 working east side of north pond. View from southern dike gap looking northeast

Photograph 2

Marsh buggy #107 working southwest side of southern pond in Area 2.
# DAILY REPORT

**DATE:** 11/25/2020  
**PAGE:** 1 of 2

**CLIENT NAME:** Coastal Protection and Restoration Authority  
**PROJECT NO:** 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

<table>
<thead>
<tr>
<th>Weather Conditions</th>
<th>Temperature: 80°</th>
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| Time | Work Start: 7:00 am | Work Stop: 5:00 pm | Interruptions and Explanation: N/A |

**Contractor Personnel and Equipment:**

- 1 – Airboat
- 1 - Airboat Captain
- 1 - Crew Boat
- 1 - Supervisor
- 1 - Marsh Buggy #107
- 2 - Operators
- 1 - Marsh Buggy #143

**Work Completed:**

Marsh buggy #143 finished east side of north pond in Area 2. North pond approximately 70% complete.

Marsh buggy #107 worked east side of southern pond.

**Project Concerns/Issues:**

N/A

**Project Representative:** Gary Hall
Marsh buggy #143 completing northeast side of north pond.

Marsh buggy #107 working east side of south pond.
**DAILY REPORT**

<table>
<thead>
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<th>DATE: 11/27/2020</th>
<th>PAGE: 1 of 2</th>
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**CLIENT NAME:** Coastal Protection and Restoration Authority  
**PROJECT NO:** 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

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<td>Work Stop: 5:00 pm</td>
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<tr>
<td></td>
<td>Interruptions and Explanation: N/A</td>
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</table>

**Contractor Personnel and Equipment:**

1 – Airboat  
1 - Crew Boat  
1 - Marsh Buggy #107  
1 - Marsh Buggy #143  
1 - Airboat Captain  
1 - Supervisor  
2 - Operators

**Work Completed:**

Marsh buggy #143 working northwest side of north pond. Work in north pond approximately 80% complete.

Marsh buggy #107 working west side of south pond. Work in south pond approximately 60% complete.

**Project Concerns/Issues:**

N/A

**Project Representative:** Gary Hall
Photograph 1

Marsh buggy #143 working northwest side of north pond.

Photograph 2

Marsh buggy #107 working west side of south pond.
DAILY REPORT

DATE: 11/30/2020

CLIENT NAME: Coastal Protection and Restoration Authority

PROJECT NO: 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

Weather Conditions

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Time

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<tbody>
<tr>
<td>Work Stop: 5:00 pm</td>
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<tr>
<td>Interruptions and Explanation: Only 1 marsh buggy operational today.</td>
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</table>

Contractor Personnel and Equipment:

1 – Airboat
1 - Airboat Captain
1 - Crew Boat
1 - Supervisor
1 - Marsh Buggy #107
1 - Operator
1 - Marsh Buggy #143

Work Completed:

Marsh buggy #143 working west side of north pond. He made an additional cut adjacent to pond dike to be able to maintain spoil area elevation (Photo 1). Spoil was relayed and placed outside of pond but within MCA 2 (Photo 2).

Marsh buggy #107 was down all day.

Project Concerns/Issues:

N/A

Project Representative: Gary Hall

[Signature]

11.30.2020 Daily Report.docx
Marsh buggy #143 working west side of north pond.

Spoil placed outside of pond dike on west side of north pond.
DATE: 12/02/2020

CLIENT NAME: Coastal Protection and Restoration Authority
PROJECT NO: 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

**Weather Conditions**

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**Time**

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<tr>
<td>Work Stop: 5:00 pm</td>
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<tr>
<td>Interruptions and Explanation: N/A</td>
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</table>

**Contractor Personnel and Equipment:**

| 2 - Airboats | 2 - Airboat Captains |
| 1 - Crew Boat | 1 - Supervisor |
| 1 - Marsh Buggy #107 | 2 - Operators |
| 1 - Marsh Buggy #143 | Beaucoup nutria |

**Work Completed:**

Marsh buggy #143 working southwest side of north pond.

Marsh buggy #107 working east side of south pond.

Progress meeting was held today at Bayou Liberty Marina with CPRA, MBI and Providence represented. NFWS attended via zoom call. Jobsite tour was taken of ponds in Area 2 and tidal creek in Area 1. Water level was a -.5’ giving us a different view of jobsite since water level has not been this low since job started. North pond is approximately 85% complete, while south pond still has a significant amount of spoil material to be moved.

The landowners were brought out today to view the work on the ponds in Area 2. They were very pleased with what they saw and were very acceptable of the spoil areas that had exceeded our estimated widths in the north Pond.

**Project Concerns/Issues:**

N/A

**Project Representative: Gary Hall**
Photograph 1

Marsh buggy #143 working southwest side of north pond. Spoil material is behind machine.

Photograph 2

Marsh buggy #107 placing spoil outside of south pond dike, on east side.
## Weather Conditions

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## Time

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## Contractor Personnel and Equipment:

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<tr>
<td>1 - Crew Boat</td>
<td>1 - Supervisor</td>
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<tr>
<td>1 - Marsh Buggy #107</td>
<td>2 - Operators</td>
</tr>
<tr>
<td>1 - Marsh Buggy #143</td>
<td></td>
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</tbody>
</table>

## Work Completed:

- Marsh buggy #143 working west side of south pond.
- Marsh buggy #107 working east side of south pond.
- Work in north pond is complete—pending post construction survey.

## Project Concerns/Issues:

N/A

## Project Representative:

Gary Hall
Marsh buggy #143 working west side of south pond.

Marsh buggy #107 working east side of south pond.
DATE: 12/07/2020

CLIENT NAME: Coastal Protection and Restoration Authority

PROJECT NO: 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

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<tbody>
<tr>
<td></td>
<td>Interruptions and Explanation: N/A</td>
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</tbody>
</table>

Contractor Personnel and Equipment:

1 – Airboat
1 – Airboat Captain

1 - Crew Boat
1 - Supervisor

1 - Marsh Buggy #107
2 - Operators

1 - Marsh Buggy #143

Work Completed:

Marsh buggy #143 continues to work west side of south pond.

Marsh buggy #107 working east side of south pond.

Project Concerns/Issues:

N/A

Project Representative: Gary Hall
Both marsh buggies working south pond in Area 2. Looking north to south.

Marsh buggies working south pond. View south to north. Water level +.3’
DATE: 12/09/2020

CLIENT NAME: Coastal Protection and Restoration Authority

PROJECT NO: 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

Weather Conditions

Temperature: 70°
Humidity: 35%
Wind Speed and Direction: SW @ 6 MPH
Precipitation/Amount: N/A

Time

Work Start: 7:00 am
Work Stop: 5:00 pm

Interruptions and Explanation: Buggy #107 was down today.

Contractor Personnel and Equipment:

1 - Airboat
1 - Crew Boat
1 - Marsh Buggy #107
1 - Marsh Buggy #143
1 - Airboat Captain
1 - Supervisor
1 - Operator

Work Completed:

Marsh buggy #143 working north side of south pond.

Marsh buggy #107 was down all day.

Water level today was -.7’ and material in south pond is getting very soft and runny.

Melanie Caillouet with Providence Engineering came out today to do Davis-Bacon interviews.

Project Concerns/Issues:

N/A

Project Representative: Gary Hall
Marsh buggy #143 working north side of south pond. Water level -.7’.

South pond looking from north dike gap. Buggy #107 in background was down today.
DATE: 12/11/2020

CLIENT NAME: Coastal Protection and Restoration Authority

PROJECT NO: 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

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<thead>
<tr>
<th>Time</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Work Stop: 5:00 pm</td>
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<tr>
<td></td>
<td>Interruptions and Explanation: Buggy #107 was down today.</td>
</tr>
</tbody>
</table>

Contractor Personnel and Equipment:

1 – Airboat
1 - Airboat Captain
1 - Crew Boat
1 - Supervisor
1 - Marsh Buggy #107
1 - Operator
1 - Marsh Buggy #143

Work Completed:

Marsh buggy #143 working northwest side of south pond.

Marsh buggy #107 was down again day.

Water level today was - .3' 

Project Concerns/Issues:

Material in south pond has become very sloppy and is not stacking up. MBI is putting additional spoil material outside of pond dike.

Project Representative: Gary Hall
Photograph 1

South pond looking south, water level -.3' buggy #107 still down.

Photograph 2

Marsh buggy #143 placing spoil material outside of dike, northwest side. Trees/shrubs on pond dike.
DATE: 12/14/2020

CLIENT NAME: Coastal Protection and Restoration Authority

PROJECT NO: 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

Weather Conditions

Temperature: 52°
Humidity: 64%

Wind Speed and Direction: N @ 15 MPH

Precipitation/Amount: N/A

Time

Work Start: 7:00 am
Work Stop: 5:00 pm

Interruptions and Explanation: Buggy #107 was down today.

Contractor Personnel and Equipment:

1 – Airboat 1 - Airboat Captain
1 - Crew Boat 1 - Supervisor
1 - Marsh Buggy #107 1 - Operator
1 - Marsh Buggy #143

Work Completed:

Marsh buggy #143 working west side of south pond.

Marsh buggy #107 was down again day. MBI currently looking for another operator.

Water level today was 0.0’

Project Concerns/Issues:

Material in south pond has become very sloppy and is not stacking up. MBI is putting additional spoil material outside of pond dike.

Project Representative: Gary Hall
Photograph 1

Completed north pond, looking south to north.

Photograph 2

Ariel view of south pond looking south.
### Weather Conditions

<table>
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<th>Temperature:</th>
<th>51°</th>
</tr>
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<tbody>
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<td>Humidity:</td>
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<tr>
<td>Wind Speed and Direction:</td>
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### Time

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<tr>
<td>Interruptions and Explanation:</td>
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</tr>
</tbody>
</table>

### Contractor Personnel and Equipment:

- 2 - Airboats
- 1 - Crew Boat
- 1 - Marsh Buggy #107
- 1 - Marsh Buggy #143
- 2 - Airboat Captains
- 1 - Supervisor
- 2 - Operators

### Work Completed:

- Marsh buggy #143 continues working west side of south pond.
- Marsh buggy #107 working southeast side of south pond.
- Water level today was +1.0’.

Progress meeting held today with CPRA, MBI and Providence Engineering represented. NFWS attended via Zoom call. Work in south pond continues but was slowed this week by only one buggy operating and material being very sloppy. Both buggies working starting today. Site visit of south pond held and CPRA took drone footage of both ponds in Area 2. MBI anticipates completion time of approximately 2-3 weeks.

### Project Concerns/Issues:

Material in south pond has become very sloppy and is not stacking up. MBI is putting additional spoil material outside of pond dike.

### Project Representative:

Gary Hall
Marsh buggy #143 working west side of south pond.

Photograph 2

Marsh buggy #107 working southeast side of south pond. Water level +1.0.
# DAILY REPORT

**DATE:** 12/18/2020  
**PAGE:** 1 of 2  

**CLIENT NAME:** Coastal Protection and Restoration Authority  
**PROJECT NO:** 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

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| Time | Work Start: 7:00 am  
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<tr>
<td>Interruptions and Explanation: N/A</td>
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</table>

**Contractor Personnel and Equipment:**

1 – Airboat  
1 - Crew Boat  
1 - Marsh Buggy #107  
1 - Marsh Buggy #143  

1 - Airboat Captain  
1 - Supervisor  
2 - Operators

**Work Completed:**

Marsh buggy #143 working southwest side of south pond.  
Marsh buggy #107 working northeast side of south pond.  
Water level today was 0.0’.

**Project Concerns/Issues:**

**Project Representative:** Gary Hall

[Signature]
Marsh buggy #107 working northeast side of south pond.

Marsh buggy #143 working southwest side of south pond. Water level 0.0'.
DATE: 12/21/2020

CLIENT NAME: Coastal Protection and Restoration Authority
PROJECT NO: 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

Weather Conditions

| Temperature: 66° | Humidity: 42% |
| Wind Speed and Direction: NW @ 7 MPH | |
| Precipitation/Amount: N/A |

Time

| Work Start: 7:00 am | Work Stop: 5:00 pm |
| Interruptions and Explanation: N/A |

Contractor Personnel and Equipment:

- 1 – Airboat
- 1 - Crew Boat
- 1 - Marsh Buggy #107
- 1 - Marsh Buggy #143
- 1 - Airboat Captain
- 1 - Supervisor
- 2 - Operators

Work Completed:

Both marsh buggies are working the east side of the south pond in Area 2.

Water level today was +0.4’.

Landowners requested a ride out on Tuesday to view the south pond. I will report on any feedback or questions they may have on the Wednesday report.

Project Concerns/Issues:

N/A

Project Representative: Gary Hall
MBI working east side of south pond. The west side is completed, per MBI. North pond in background.

Area 1 tidal creek and southern dike gap.
DATE: 12/23/2020

CLIENT NAME: Coastal Protection and Restoration Authority

PROJECT NO: 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

Weather Conditions

| Temperature: | 67° |
| Humidity:    | 71% |
| Wind Speed and Direction: | S @ 8 MPH |
| Precipitation/Amount: | N/A |

Time

| Work Start: | 7:00 am |
| Work Stop:  | 5:00 pm |

Interruptions and Explanation: MBI will take off December 24, 25 & 26 for Christmas. Resume work Sunday Dec. 27.

Contractor Personnel and Equipment:

1 – Airboat
1 - Crew Boat
1 - Marsh Buggy #107
1 - Marsh Buggy #143

1 - Airboat Captain
1 - Supervisor
2 - Operators

Work Completed:

Both marsh buggies worked the east side of south pond. MBI walked buggy #107 to southern most dike gap, in Area 2, at the end of day. They will tow to seaplane yard next week. Marsh buggy #143 will finish south pond on Sunday and then begin cleaning out southern tidal creek.

Water level today was 0.0

Landowners were brought out to view the ponds on Tuesday. They were extremely pleased and had no requests or concerns.

Project Concerns/Issues:

N/A

Project Representative: Gary Hall
Marsh buggy #143 will complete the southeast section (where he sits) of south pond on Sunday.

Marsh buggy #107, top left, tracking out southern tidal creek in Area 2, to await tow.
### Weather Conditions

- **Temperature:** 69°F
- **Humidity:** 55%
- **Wind Speed and Direction:** SE @ 7 MPH
- **Precipitation/Amount:** N/A

### Time

- **Work Start:** 7:00 am
- **Work Stop:** 5:00 pm
- **Interruptions and Explanation:** MBI did not work Sunday, December 27.

### Contractor Personnel and Equipment:

- 1 – Airboat
- 1 - Airboat Captain
- 1 - Crew Boat
- 1 - Supervisor
- 1 - Marsh Buggy #107
- 1 - Operator
- 1 - Marsh Buggy #143

### Work Completed:

- Marsh buggy #143 completed south pond in Area 2 today and will begin cleaning out southern tidal creek on Tuesday.
- Marsh buggy #107 remains idle, will be towed to seaplane yard in Lacombe later this week.
- Water level today was - 0.3

### Project Concerns/Issues:

- N/A

### Project Representative:

- Gary Hall
Photograph 1

Marsh buggy #143 finishing southeast section of south pond.

Photograph 2

Marsh buggy #143 will begin cleaning out southern tidal creek, shown above, on Tuesday Dec. 29.
**DAILY REPORT**

**DATE:** 12/30/2020  
**PAGE:** 1 of 2

**CLIENT NAME:** Coastal Protection and Restoration Authority  
**PROJECT NO:** 810-002

Goose Point/Point Platte and Bayou Bonfouca Maintenance Project (PO-0033 & PO-0104)

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<td>Interruptions and Explanation:</td>
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**Contractor Personnel and Equipment:**

- 1 – Airboat
- 1 - Airboat Captain
- 1 - Crew Boat
- 1 - Supervisor
- 1 - Marsh Buggy #107
- 1 - Operator
- 1 - Marsh Buggy #143

**Work Completed:**

Marsh buggy #143 completed southern tidal creek in Area 2 and will remain in Area 2 awaiting post-construction survey.

Hydro Terra scheduled to come out on Monday January 4 to conduct as-built surveys of ponds in MCA 2 and tidal creeks.

Marsh buggy #107 remains idle. Weather permitting, MBI will tow to Seaplane yard on Monday.

Water level today was +0.5’.

**Project Concerns/Issues:**

N/A

**Project Representative:** Gary Hall
Photograph 1

Marsh buggy #143 finishing southern tidal creek in Area 2.

Photograph 2

View of completed south pond in Area 2. Bottom right is south end.
APPENDIX E

CONTRACTOR DAILY PROJECT REPORTS
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 9/8/80 Weather Conditions Good
Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: William Jake Boyd Hours 15
Eq. No. Operator: Drake Poret Hours 15
Eq. No. Operator:

GAPS

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<th>AREA/CELL NUMBER</th>
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CREEKS

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</table>

Comments: Began topographic survey for earthen containment dike areas.

Foreman Signature William Jake Boyd
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 9/19/80 Weather Conditions: Good

Down Time Caused by Weather Conditions: 0 hours

WORK HOURS

Foreman: William Jake Boyd Hours: 12
Eqp. No. Operator: Drake Poret Hours: 12
Eqp. No. Operator:

GAPS

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CREEKS

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Comments: Began topographic survey for remaining earthen containment dike areas.

Foreman Signature: William Jake Boyd
**MARSH BUGGIES, INC.**

**DAILY PROGRESS REPORT**

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA  
Location: St. Tammany Parish, Louisiana  
Date of Report: 9/10/20  
Weather Conditions: Good  
Down Time Caused by Weather Conditions: 0 hours

**WORK HOURS**

Foreman: **William Lake Boyd**  
Hours: 10  
Eqp. No.:  
Operator: **Drake Poret**  
Hours: 10  
Eqp. No.:  
Operator:  
Hours: 

**GAPS**

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Comments: Performed pre-construction survey of tidal creeks & began stakeout of Bayou Bonfouca Area 1 & 2

Foreman Signature: **William Lake Boyd**
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 9-11-20 Weather Conditions: Fair
Down Time Caused by Weather Conditions: 0 hours

WORK HOURS (MBI)

Foreman: Robert Hogan Hours: 12
Eqp. No. L43 Operator: Mike Dickerson Hours: 12
Eqp. No. Operator: Mike

GAPS
Helper: Darrin Helmer Hours: 12

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<tr>
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<td>350</td>
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<td>mike</td>
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Comments: Equip. & Operator working fine. Inspector Hall made me aware of a gap added to Area 1

Hydrotech Comments: Performed stakeout and survey for additional gaps & obtained topographic surveys for Cell E tidal creek profile & gap installations

Foreman Signature: Robert Hogan

Hydrotech Foreman: William Boyd
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 9-12-20 Weather Conditions: Overcast and Storms
Down Time Caused by Weather Conditions: 0 hours

WORK HOURS

Foreman: Robert Hagan Hours 12
Eqp. No. 143 Operator: Mike Dickerson Hours 12
Eqp. No. Operator: Hours

GAPS Helper: Darren Helmer Hours 12

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Comments: Completed first half of Area #1 and moved to Area #3 and completed only gap, moved to added gap of Area #1 and completed added gap.

Foreman Signature Robert Hagan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 9-13-20 Weather Conditions Good
Down Time Caused by Weather Conditions 12 hours

WORK HOURS

Foreman: Robert Hogan Hours 8
Eqp. No. 143 Operator: Mike Dickerson Hours 4
Eqp. No. Operator: Hours

GAPS Helper: Darrin Helmer Hours 8

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Comments: Shut Down due to Hurricane Sally
Towed machine back to seaplane yard

Foreman Signature Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 9/4/90 Weather Conditions Hurricane Sally
Down Time Caused by Weather Conditions 12 hours

WORK HOURS

Foreman: Randy Hogan Hours 0
Eqp. No. 143 Operator: Mike Dickerson Hours 0
Eqp. No. Operator: Hours 0

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Comments: No one onsite today due to high water from Hurricane Sally

Foreman Signature Randy Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 9/15/20 Weather Conditions: Hurricane Sally
Down Time Caused by Weather Conditions: 12 hours

WORK HOURS

Foreman: Randy Hogan Hours: 2
Eqp. No. 43 Operator: Mike Dickerson Hours: 8
Eqp. No. Operator: Darrin Helmer Hours: 0

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Comments: No one onsite due to high water from Hurricane Sally

Foreman Signature: Randy Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 9/11/20 Weather Conditions Hurricane Sally
Down Time Caused by Weather Conditions 12 hours

WORK HOURS

Foreman: Randy Hogan Hours 0
Eqp. No. A3 Operator: Mike Dickerson Hours 0
Eqp. No. Operator: Helper: Darrin Helmer Hours: 0

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Comments: No one onsite today due to high water from Hurricane Sally

Foreman Signature Randy Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 9-17-20  Weather Conditions: Fair
Down Time Caused by Weather Conditions: 12 hours

WORK HOURS

Foreman: Robert Hogan  Hours: 0
Eqp. No. 1 43 Operator: Mike Dickerson  Hours: 0
Eqp. No.  Helper: Darrin Helmer  Hours: 0

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Comments: Moved Equipment back to staging area.
THE Buggy will be towed to marsh on 9-18-20 if weather permits.

Foreman Signature: Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
Location: CPRA
St. Tammany Parish, Louisiana
Date of Report: 9-18-20 Weather Conditions Fair
Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: Robert Hagan Hours 12
Eqp. No. 143 Operator: Mike Dickerson Hours 12
Eqp. No. Operator: Hours

GAPS Helper: Darrin Helmer Hours 12

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<td>M.D.</td>
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Comments: Floated buggy first thing this morning, moved in to Area #2 and began excavating Northern most tidal creek.

Foreman Signature Robert Hagan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
St. Tammany Parish, Louisiana

Date of Report: 9-19-20 Weather Conditions Bad

Down Time Caused by Weather Conditions _____ hours

WORK HOURS

Foreman: Robert Hagen Hours 12
Eqp. No. 143 Operator: Mike Dickerson Hours 12
Eqp. No. ______ Operator: ______ Hours ______

GAPS Helper: Dawn Helmer Hours 12

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Comments: Staged second Buggy to rough in lake to tow it to work area.

Foreman Signature Robert Hagen
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
Location: CPRA
St. Tammany Parish, Louisiana
Date of Report: 9-20-20 Weather Conditions Poor
Down Time Caused by Weather Conditions 0 hours

WORK HOURS
Foreman: Robert Hogan Hours 12
Eqp. No. 143 Operator: Mike Dickerson Hours 12
Eqp. No. Operator: Hours
GAPS mechanic: Darrin Helmer Hours 12

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Comments: Still to rough to tow 2nd Buggy. We were on Standby for 2 hrs 45 mins do to changes made on cuts in area #2. Mike made 200 feet cutting 50ft wide at -1.0 Then he had 400 feet.

Foreman Signature Robert Hogan
**MARSH BUGGIES, INC.**

**DAILY PROGRESS REPORT**

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
Location: St. Tammany Parish, Louisiana

Date of Report: 9/1/20  
Weather Conditions: Rain, Windy, High water from TS Beta
Down Time Caused by Weather Conditions 1 hours

**WORK HOURS (MBI)**

Foreman: Randy Hogan  
Hours: 11

Eqp. No. 143  
Operator: Mike Dickerson  
Hours: 11

Helper: Darrin Helmer  
11 hours

**CREEKS**

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(MBI) Comments: Shut down an hour early because of rising water

HydroTerra Comments: Performed pre-construction surveys of tidal creeks & gap installations @ sites 3, 4, and cells C & D

Foreman Signature: Randy Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 9/28/80 Weather Conditions: Water high from Ts Beta
Down Time Caused by Weather Conditions: 10 hours

WORK HOURS

Foreman: Randy Hogan Hours: 0
Eqp. No. 143 Operator: Mike Dickerson Hours: 0
Eqp. No. Operator: Hours: 0
Helper: Darrin Helmer Hours: 0

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Comments: No one onsite due to Ts Beta. Equipment was floating in deep water and unable to work.

Hydroterra comments: Completed pre-construction surveys of tidal creeks and gaps 3 & 4 and cells C & D. Also, staged tidal creeks i gap in cell E.

Foreman Signature: Randy Hogan
Foreman: William Boyd
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 9/23/80 Weather Conditions Water high from TS Beta
Down Time Caused by Weather Conditions 12 hours

WORK HOURS

Foreman: Randy Hogan Hours 0
Eqp. No. 143 Operator: Mike Dickerson Hours 0
Eqp. No. Operator: Helper: Darrin Helmer Hours: 0

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Comments: No one onsite due to TS Beta.
Water was too high to work

Foreman Signature Randy Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 9-24-20 Weather Conditions: Overcast/Windy
Down Time Caused by Weather Conditions: 0 hours

WORK HOURS

Foreman: Robert Hagen Hours: 12
Eqp. No. 143 Operator: Mike Dickerson Hours: 12
Eqp. No. Operator: Hours

GAPS
Mechanic: Darrin Helmer Hours: 12

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<td>12.00</td>
<td>143</td>
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Comments: Completed last leg of Area 2 Tidal Creek and containment levee. Then tracked back to north end and started taking out - 3.0 in the first 12.00 ft.

Foreman Signature: Robert Hagen
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 9-26-20 Weather Conditions Good
Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: Robert Hager Hours 8
Eqp. No. 143 Operator: Mike Dickerson Hours 8
Eqp. No. Operator: Hours

GAPS Mechanic Darrin Helmer Hrs: 8

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<tr>
<th>AREA/CELL NUMBER</th>
<th># OF GAPS COMPLETE</th>
<th>Equipment Number</th>
<th>Operator</th>
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<tr>
<td>4</td>
<td>1</td>
<td>143</td>
<td>MD</td>
</tr>
<tr>
<td>E</td>
<td>Started</td>
<td>143</td>
<td>MD</td>
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Comments: At Noon we finished tracking to Area 4's gap and then tracked back to cell E eastern gap at Started clearing. It we are approx. 70% complete At Noon tomorrow we will enter marsh and continue what we started

Foreman Signature: Robert Hager
**MAVERICK MACHINE, INC.**

**DAILY ENGINEERING REPORT**

**Project Title:** [Project Title]

**Location:** [Location]

**Date:** [Date]

**Notes:** [Notes]

**WORK DONE**

- **Worker:** [Worker]
- **Hours:** [Hours]
- **Task:** [Task]

**MACHINES**

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<tr>
<th>Machine</th>
<th>[Machine 1]</th>
<th>[Machine 2]</th>
<th>[Machine 3]</th>
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<td><strong>Operator</strong></td>
<td>[Operator 1]</td>
<td>[Operator 2]</td>
<td>[Operator 3]</td>
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</table>

** signature: [Signature]**

** Hydro Terra

William Bond 10 hrs.

Joe Gundy 10 hrs.
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
St. Tammany Parish, Louisiana
Date of Report: 9-29-20 Weather Conditions Clear/Breezy
Down Time Caused by Weather Conditions 6 hours

WORK HOURS
Foreman: Robert Hogan Hours 12
Eqpt. No. 143 Operator: Mike Dickerson Hours 12
Eqpt. No. 107 Operator: Chris Cupp Hours 12

GAPS
mechanic: Darrin Helfman 12

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<tr>
<td>E</td>
<td>300</td>
<td>143</td>
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<tr>
<td>D</td>
<td>250</td>
<td>107</td>
<td>CC</td>
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Comments: I over estimated tidal creek footage. I just over estimated. He (Mike) has about 100 ft left to complete tidal creek in cell E.

Hydro Terra: Performed as builds of Area 2 tidal creek / gap

Foreman Signature: Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
St. Tammany Parish, Louisiana

Date of Report: 9-30-20
Weather Conditions: Good

Down Time Caused by Weather Conditions: 0 hours

WORK HOURS

Foreman: Robert Hogan
Hours: 12

Eqp. No. 1 Operator: Mike Dickerson
Hours: 12

Eqp. No. 1 Operator: Chris Capps
Hours: 12

GAPS Mechanic: Darrin Helmer
Hrs: 12

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<td>Complete</td>
<td>193</td>
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<tr>
<td>D</td>
<td>308</td>
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Comments: Buggy #3 completed tidal creeks in Cell E but needed on standby waiting for OK to cross pipeline canal. 10-7 should finish up Cell D tomorrow.

Hydro-Terra: Completed as-builts of Area 1-4 & stakeout of Cell 4-B

Foreman Signature: Robert Hagen
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 10-1-20 Weather Conditions: Good
Down Time Caused by Weather Conditions: 0 hours

WORK HOURS

Foreman: Robert Hogan Hours: 12
Eqp. No. 143 Operator: Mike Dickensoper Hours: 12
Eqp. No. 107 Operator: Chris Cupp Hours: 12
Mechanic: Darren Helm Jr

GAPS

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<th>Equipment Number</th>
<th>Operator</th>
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<td>D</td>
<td>1</td>
<td>107</td>
<td>C</td>
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<td>C</td>
<td>1 (60%)</td>
<td>143</td>
<td>MD</td>
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<tr>
<td>D</td>
<td>76</td>
<td>107</td>
<td>C</td>
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Comments: 143 on standby till approx. 1:30pm for OK to cross pipeline which we did successfully.
HydroTerra: Continued pre-con survey of cells A & B

Foreman Signature: Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
St. Tammany Parish, Louisiana

Date of Report: 10-2-23 Weather Conditions Good

Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: Robert Hogan Hours 12

Eqp. No. 143 Operator: Mike Dickerson Hours 12

Eqp. No. 107 Operator: Chris Cupp Hours 12

GAPS mechanic: Darrin Helmer Hrs 12

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<td>C</td>
<td>2</td>
<td>143 MD</td>
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<td>B</td>
<td>1.90%</td>
<td>107 CC</td>
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CREEKS

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<td>C</td>
<td>550</td>
<td>143 MD</td>
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Comments: Towed 107 to Area B and went to work (a lot of tracking) survey setup and elevation mark in Area 2. Also will be out tomorrow to reshoot center line in Area 2 as soon as Mike is finished in cell C. I will tow him back to Area 2 and he will recut Area 2.

HydroTerra: Completed pre-con survey of Cell 4 & installed TBM near Area B

Foreman Signature Robert Hogan
**MARSH BUGGIES, INC.**

**DAILY PROGRESS REPORT**

**Project Title:** Goose Point/Point Platte and Bayou Bonfouca 
**CPRA**

**Location:** St. Tammany Parish, Louisiana

**Date of Report:** 10-2-20  **Weather Conditions** Good

**Down Time Caused by Weather Conditions** 0 hours

**WORK HOURS**

**Foreman:** Robert Hope  **Hours** 12

**Eqp. No. 143 Operator:** Mike Dickerson  **Hours** 12

**Eqp. No. 107 Operator:** Chris Cupp  **Hours** 12

**GAPS**

Mechanics: Darwin Helmer  Hrs 12

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<td>B</td>
<td>1</td>
<td>107</td>
<td>C C</td>
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<tr>
<td>B</td>
<td>200</td>
<td>107</td>
<td>C C</td>
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<tr>
<td>C</td>
<td>70</td>
<td>143</td>
<td>M D</td>
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Comments: 143 finished Tidal Creek and Tracked out to lake
Per Request he flattened his track marks in shallow pond areas but it added a substantial amount of time to leaving and area. We then towed 143 to Area 2 Southside and Tracked to North end.

HydroTerra: Re-staked Area 2 tidal creek for reworking

Foreman Signature  Robert Hope

HydroTerra: 8.5 hrs

William Boyd: 8.5 hrs

Jed Guidry: 8.5 hrs.
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 10-4-20 Weather Conditions Good
Down Time Caused by Weather Conditions ___ hours

WORK HOURS

Foreman: Robert Hogan Hours 12
Eqp. No. 143 Operator: Mike Dickerson Hours 12
Eqp. No. 107 Operator: Chris Cupp Hours 13

GAPS Mechanic: Darrin Helmer hrs 12

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<tr>
<td>B(23)</td>
<td>360+</td>
<td>107 CC</td>
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Comments: Mike "143" was put on Standby for Sunday by Jamie Nutrin. He will be on site Monday and Mike 143 will be back to work.

Foreman Signature: Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfonca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 10-08-20 Weather Conditions: Good
Down Time Caused by Weather Conditions: 0 hours

WORK HOURS

Foreman: Robert Haze
Eqp. No. 143 Operator: Mike Dickerson
Eqp. No. 107 Operator: Chris Cupp
GAPS Mechanic: Darrin Helmer

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<tr>
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<td>M D</td>
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<tr>
<td>3</td>
<td>300</td>
<td>107</td>
<td>C C</td>
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</table>

Comments: Mike (143) back work on recent area 2. 107 still in 1100 ft tidal creek in cell B.

Foreman Signature: Robert Haze
**MARSH BUGGIES, INC.**

**DAILY PROGRESS REPORT**

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA  
Location: St. Tammany Parish, Louisiana  
Date of Report: 10-6-20  
Weather Conditions: Fair  
Down Time Caused by Weather Conditions: 0 hours

**WORK HOURS**

<table>
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<tr>
<th>Foreman</th>
<th>Robert Hagen</th>
<th>Hours</th>
<th>12</th>
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<tr>
<td>Eqp. No. 143</td>
<td>Mike Dickinson</td>
<td>Hours</td>
<td>12</td>
</tr>
<tr>
<td>Eqp. No. 107</td>
<td>Chris Craymer</td>
<td>Hours</td>
<td>12</td>
</tr>
<tr>
<td>GAPS Mechanic</td>
<td>Darin Helmer</td>
<td>Hours</td>
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**AREA/CELL NUMBER**  
**# OF GAPS COMPLETE**  
**Equipment Number**  
**Operator**

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<tr>
<td>B</td>
<td>250</td>
<td>107</td>
<td>CC</td>
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<tr>
<td>2</td>
<td>700</td>
<td>143</td>
<td>MD</td>
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Comments: 143 is approx. 100 ft shy of northern gap. I had rum travel to south end of area 2 and ready for towing to the west side for mob. 107 still has approx. 2000 or so feet to berm. I apparently miss judge. Some earlier footage.

Foreman Signature: Robert Hagen
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonneaua
Location: CPRA
St. Tammany Parish, Louisiana
Date of Report: 10-7-20 Weather Conditions: Fair

Down Time Caused by Weather Conditions: 16 1/2 hours 12h 31st 143
4 1/4 hrs 107

WORK HOURS

Foreman: Robert Hegen Hours: 12
Eqp. No. 143 Operator: Mike Dickerson Hours: 8
Eqp. No. 107 Operator: Chris Cupp Hours: 12

GAPS Mechanic: Darrin Helmer Hours: 12

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<tr>
<td>B</td>
<td>150</td>
<td>107</td>
<td>C C</td>
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Comments: 143 was towed across the work area's due to Hurricane Beta. 107 worked 7 1/2 hrs then it was also towed to staging area. After re-examining footage, he averaged more like 2000-250 ft a day. He said material in cell B so far is more like coffee grounds.

Foreman Signature: Robert Hegen
**MARSH BUGGIES, INC.**

**DAILY PROGRESS REPORT**

- **Project Title:** Goose Point/Point Platte and Bayou Bonfouca
- **Location:** CPRA
- **St. Tammany Parish, Louisiana**
- **Date of Report:** 10-8-20
- **Weather Conditions:** Overcast
- **Down Time Caused by Weather Conditions:** 12 hours

**WORK HOURS**

- **Foreman:** Robert Hogan, Hours: 6
- **Eqp. No. 1 Operator:** Chris Cupp, Hours: 6
- **Eqp. No.: Operator:** Gaps, Mechanic: Darrin Helmer, Hours: 6

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**Comments:** Went to Lacomb and loaded 2nd Buggy (1077) and transported it to MBI yard til we are cleared to go back to work.

**Foreman Signature:** Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 10/9/20 Weather Conditions Hurricane Delta (high water)
Down Time Caused by Weather Conditions _____ hours

WORK HOURS

Foreman: Randy Hogan Hours 0
Eqp. No. 143 Operator: Mike Dickerson Hours 0
Eqp. No. 107 Operator: Chris Cupp Helper: Darin Helmer 0 Hours

GAPS

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Comments: Shut down due to high water from Hurricane Delta

Foreman Signature Randy Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 10/10/20 Weather Conditions Hurricane Delta (high water)
Down Time Caused by Weather Conditions _______ hours

WORK HOURS

Foreman: Randy Hogan _______ Hours _______
Eqp. No. 143 Operator: Mike Dickerson _______ Hours _______
Eqp. No. 107 Operator: Chris Cupp _______ Hours _______
Gaps Helper: Darrin Helmer _______ Hours _______

GAPS

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Comments: Shut down due to high water from Hurricane Delta

Foreman Signature: Randy Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 10/11/20 Weather Conditions Hurricane Delta (high water)
Down Time Caused by Weather Conditions _____ hours

WORK HOURS

Foreman: Randy Hogan Hours 0
Eqp. No. 143 Operator: Mike Dickens Hours 0
Eqp. No. 107 Operator: Chris Cupp Hours 0
Helper: Darrin Helmer 0 Hours

GAPS

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Comments: Shut down due to high water from Hurricane Delta

Foreman Signature Randy Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 10/18/80 Weather Conditions Hurricane Delta
(high water)
Down Time Caused by Weather Conditions ______ hours

WORK HOURS

Foreman: Randy Hogan Hours 0
Eqp. No. 143 Operator: Mike Dickerson Hours 0
Eqp. No. 107 Operator: Chris Cupp Hours 0
GAPS
Helper: Darrin Helmer 0 Hours

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Comments: Shut down due to high water from Hurricane Delta

Foreman Signature Randy Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
St. Tammany Parish, Louisiana

Date of Report: 10-13-20 Weather Conditions Good
Down Time Caused by Weather Conditions 0 hours

WORK HOURS
Foreman: Robert Hogan Hours 11
Eqp. No. Operator: Hours
Eqp. No. Operator: Hours

GAPS Mechanic: Darrin Helmer Hes 11

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Comments: Trucked 143 to LaCombyard and Towed Buggy to Southend of Area 2 will Truck 197 in the morning to sea, Plane Yard to St. John, It possible will track to cell band pickup where we left off

Foreman Signature Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
St. Tammany Parish, Louisiana

Date of Report: 10-14-20

Weather Conditions: Good

Down Time Caused by Weather Conditions: 0 hours

WORK HOURS

Foreman: Robert Hoeger

Hours: 12

Eqp. No. 143 Operator: Mike Dickerson

Hours: 

Eqp. No. Operator: 

GAPS Mechanic: Darin Helmer

Hrs: 12

AREA/CCELL NUMBER | # OF GAPS COMPLETE | Equipment Number | Operator
---|---|---|---
2 | 1 | | |

CREEKS

AREA/CCELL NUMBER | FOOTAGE | Equipment Number | Operator
---|---|---|---
2 | 325 | 143 | M I

Comments: 107 was trucked in to Lacomb this morning and staged for tow & tracking into cell B tomorrow morning. Joe Lally will be our temp operator till we find permanent operator for 107

Foreman Signature: Robert Hoeger
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 10-15-20
Weather Conditions: Good
Down Time Caused by Weather Conditions: 0 hours

WORK HOURS

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<th>Hours</th>
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<tr>
<td>Robert Hogan</td>
<td>12</td>
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<td>Eqp. No. 143</td>
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<tr>
<td>Operator:</td>
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<tr>
<td>Mike Dickerson</td>
<td>12</td>
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<tr>
<td>Eqp. No. 107</td>
<td></td>
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<tr>
<td>Operator:</td>
<td></td>
</tr>
<tr>
<td>Joe Lally</td>
<td>12</td>
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<tr>
<td>GAPS Mechanic</td>
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<tr>
<td>Darren Helmer</td>
<td>12</td>
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<tr>
<td>3</td>
<td>100</td>
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<td>JL</td>
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Comments: New operator on 107. We are working at about +1 the lowest tide level yet, making progress and moving forward.

Foreman Signature: Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
St. Tammany Parish, Louisiana

Date of Report: 10-16-20 Weather Conditions Windy/Overcast

Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: Robert Hose Hours 12

Eqp. No. 143 Operator Mike Dickerson Hours 12

Eqp. No. 107 Operator Joc Lally Hours 12

GAPS Mechanic: Darrin Helmer Hrs 12

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<th>Equipment Number</th>
<th>Operator</th>
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<td>3</td>
<td>143  MD</td>
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<td>8</td>
<td>1</td>
<td>107  JC</td>
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Comments: 143 Should complete Area 2 Tidal Creek tomorrow. Baring any set backs, 107 completed gap in Cell B and 110ft Tidal Creek. I will probe area in Cell B that he worked and if CK will move on to next Tidal Creek in Cell B.

Foreman Signature: Robert Hose
**MARSH BUGGIES, INC.**

**DAILY PROGRESS REPORT**

**Project Title:** Goose Point/Point Platte and Bayou Bonfouca

**Location:** CPRA
St. Tammany Parish, Louisiana

**Date of Report:** 10-17-20  
Weather Conditions: Windy

**Down Time Caused by Weather Conditions:** 0 hours

---

**WORK HOURS**

**Foreman:** Robert Haggam  
Hours: 12

**Eqp. No. L43 Operator:** Mike Dickerson  
Hours: 12

**Eqp. No. L07 Operator:** Darrin Joe Lally  
Hours: 12

**GAPS**

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<th>Equipment Number</th>
<th>Operator</th>
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<td>JL</td>
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<td>Complete 143</td>
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**Comments:** Strong SE winds tide rising fast, too much current to pull L43 to west side. Gap of Area 2 will start 400 ft tidal creek tomorrow. As soon as he finishes dressing spoils.

**Foreman Signature:** Robert Haggam
**MARSH BUGGIES, INC.**

**DAILY PROGRESS REPORT**

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 10-18-20 Weather Conditions Good
Down Time Caused by Weather Conditions 0 hours

**WORK HOURS**

Foreman: Robert Hogan Hours 12
Eqp. No. 143 Operator: Mike Dickerson Hours 12
Eqp. No. 107 Operator: Joe Fally Hours 12
GAPS Mechanic: Darrin Helmer Hrs 12

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<td>A</td>
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<td>143</td>
<td>MD</td>
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<td>B</td>
<td>1</td>
<td>107</td>
<td>JL</td>
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<td>I</td>
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<td>143</td>
<td>MD</td>
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<td>A</td>
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<td>143</td>
<td>MD</td>
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<tr>
<td>B</td>
<td>100</td>
<td>107</td>
<td>JL</td>
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Comments: 143 Recut western gap and was towed to aerial. Deepened northern gap and started deepening tidal creek. 107 Finished dressing spoils in gap then moved into tidal creek.

Foreman Signature Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 10-19-20 Weather Conditions Good
Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: Robert Hagen Hours 12
Eqp. No. 143 Operator: Mike Dickenson Hours 12
Eqp. No. 107 Operator: Hayden Adams Hours 12

GAPs Mechanic: Darrin Helmer Hrs 12

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<td>143</td>
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<td>B</td>
<td>300</td>
<td>107</td>
<td>HA</td>
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Comments: 107 cut gap but has to dress out spoils Southern gap. 143 should be cut tomorrow and deepen and widen Southern gap. Hydroterra: Performed additional pond surveys in Bonfouca Area 2.

Foreman Signature: Robert Hagen
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 10-20-20 Weather Conditions Good
Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: Robert Hogan  Hours 12
Eqp. No. 143 Operator: Mike Dickerson  Hours 12
Eqp. No. 107 Operator: Hayden Adams  Hours 12
Gaps Mechanic: Darin Helmer  Hours 12

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Comments: As said today at Zoom meeting 143 completed Area 1 Tidal Creek and southern most Berm. I will tow 143 to cell C tomorrow and make corrections as needed in gaps and tidal Creek. 107 tracked North and started cutting North East gap.

Foreman Signature: Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
St. Tammany Parish, Louisiana

Date of Report: 10-21-20  Weather Conditions: Good
Down Time Caused by Weather Conditions: 0 hours

WORK HOURS

Foreman: Robert Hogan  Hours: 7
Eqp. No. 143 Operator: Mike Dickerson  Hours: 0 Per diem only per Jamie Autin
Eqp. No. 107 Operator: Hayden Adams  Hours: 12

GAPS Mechanic: Various Helmet Hours: 12

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Comments: Mike Dickerson had a personal issue to take care of today; will be back tomorrow.
Hayden (107) completed all remaining work in Cell B, and will be moved to Cell A tomorrow after I tow 143 to Cell C and rework areas that need it.

Foreman Signature: Robert Hogan

Hydroterra: Performed as-built surveys in Bonfouca Area 2
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 11/9/20 Weather Conditions: Good
Down Time Caused by Weather Conditions: 0 hours

WORK HOURS

Foreman: Randy Hogan Hours: 0
Eqp. No. 143 Operator: Mike Dickerson Hours: 0
Eqp. No. 107 Operator: Hayden Adams Hours: 0
GAPS Helper: Darren Helmer Hours: 0

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CREEKS

Comments: No work - Waiting on post-con surveys

Foreman Signature: Randy Hogan
**MARSH BUGGIES, INC.**

**DAILY PROGRESS REPORT**

**Project Title:** Goose Point/Point Platte and Bayou Bonfouca
CPRA

**Location:** St. Tammany Parish, Louisiana

**Date of Report:** 1/1/81
**Weather Conditions:** Good

**Down Time Caused by Weather Conditions:** 0 hours

**WORK HOURS**

| Foreman:       | Randy Hogan     | Hours: 0 |
| Eqp. No. 14-3 | Operator:       | Hours: 0 |
| Eqp. No.       | Operator:       | Hours:   |

**GAPS**

| Helper:        | Darrin Helmer  | 0 Hours |

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**Comments:** No work - excavation of south pond & southern creeks gaps completed on 1/30/80
Awaiting final survey

**Foreman Signature:** Randy Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 1/21/21 Weather Conditions Good
Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: Randy Hogan Hours 0
Eqp. No. 143 Operator: Mike Rodgers Hours 0
Eqp. No. Operator: Hours

GAPS Helper: Darrin Helmer 0 Hours

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Comments: No work - excavation of south pond & southern creeks/gaps completed on 12-30-20
          Awaiting final survey

Foreman Signature: Randy Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 1/3/91 Weather Conditions Good
Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: Randy Hogan Hours 0
Eqp. No. 143 Operator: Mike Rodgers Hours 0
Eqp. No. Operator: Hours
GAPS Helper: Darrin Helmer 0 Hours

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Comments: No work - excavation of south pond & southern creeks/gaps completed on 12-30-90
          Awaiting final survey

Foreman Signature: Randy Hogan
**MARSH BUGGIES, INC.**

**DAILY PROGRESS REPORT**

**Project Title:** Goose Point/Point Platte and Bayou Bonfouca CPRA  
**Location:** St. Tammany Parish, Louisiana  
**Date of Report:** 10-22-20  
**Weather Conditions:** Sunny/Gusty  
**Down Time Caused by Weather Conditions:** 0 hours

**WORK HOURS**

<table>
<thead>
<tr>
<th>Foreman: Robert Hogan</th>
<th>Hours: 12</th>
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<tbody>
<tr>
<td>Eqp. No. 143 Operator: Mike Dickson</td>
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<tr>
<td>Eqp. No. 107 Operator: Hayden Adams</td>
<td>Hours: 12</td>
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**GAPS**  
Mechanic: Darren Helmer Hours 12

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**CREEKS**

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**Comments:** 143 is a Re-cut for width; 107 first pass south gap and started west  
Tidal Creek, all work will be complete no later than Sunday  
Hydroterra: Completed performing as built in Bonfouca Area 2 & 1

**Foreman Signature:** Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 10-23-20, Weather Conditions: Bad
Down Time Caused by Weather Conditions: 3 hours

WORK HOURS

Foreman: Robert Hogan
Eqp. No. 143 Operator: Mike Dickerson
Eqp. No. 107 Operator: Hayden Adams
Gaps: Mechanic Darrin Helmer Hrs 10

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Comments: 143 widened gap at tidal creek in Cell C and deepened southern end of Cell D.
107 needed repair for broken bolts due to hard shell bottom in tidal creek and risen tide levels hindered progress. We will take weekend off in hopes tomorrow's front will lower tide levels.

Foreman Signature: Robert Hogan

Hydroterra: Completed performing as-built in Cell C & D.
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 10/24/80 Weather Conditions Water high

Down Time Caused by Weather Conditions 12 hours

WORK HOURS

Foreman: Randy Hogan Hours 0
Eqp. No. 143 Operator: Mike Dickerson Hours 0
Eqp. No. 107 Operator: Hayden Adams Hours 0

GAPS

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Comments: No work due to high tides; waiting on final survey data

Foreman Signature Randy Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 10/25/2020 Weather Conditions water high
Down Time Caused by Weather Conditions 12 hours

WORK HOURS

Foreman: Randy Hogan Hours 0
Eqp. No. 148 Operator: Mike Dickerson Hours 0
Eqp. No. 107 Operator: Hayden Adams Hours 0

GAPS

AREA/CELL NUMBER # OF GAPS COMPLETE Equipment Number Operator

CREEKS

AREA/CELL NUMBER FOOTAGE Equipment Number Operator

Comments: No work due to high tides; waiting on final survey data

Foreman Signature Randy Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
Location: CPRA
St. Tammany Parish, Louisiana
Date of Report: 10-26-20
Weather Conditions: Windy Rough
Down Time Caused by Weather Conditions: 6 hours

WORK HOURS

Foreman: Robert Hogan
Hours 12
Eqp. No. 143 Operator: Mike Dickerson Hours 12
Eqp. No. 107 Operator: Hayden Adams Hours 17

Hydroterra: William Boyd 13.5 hrs.
Jed Guidry 13.5 hrs.

GAPS

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<tr>
<td>A</td>
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<td>107 MD</td>
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Comments: Towed 143 to McComb Seaplane yard and staged it for upcoming Strom. Will track & tow 107 there tomorrow also for Strom.

Hydroterra: Completed performing as-built surveys of Cell B.

Foreman Signature: Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
Location: CPRA - St. Tammany Parish, Louisiana
Date of Report: 10-27-20 Weather Conditions: Overcast
Down Time Caused by Weather Conditions: 12 hours

WORK HOURS

Foreman: Robert Haga - Hours: 6
Eqp. No. 143 Operator: Mike Dickerson - Hours: 4
Eqp. No. 107 Operator: Hayden Adams - Hours: 5
GAP Mechanic: Darrin Helmer - Hours: 6

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Comments: Tracked out cell A and then towed Buggy 107 back to seaplane yard. Also trailered crewboat and utility trailer back to MBI's yard.

Foreman Signature: Robert Haga
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 10/28/20 Weather Conditions Hurricane Zeta

Down Time Caused by Weather Conditions ______ hours

WORK HOURS

Foreman: Randy Hogan Hours 0
Eqp. No. 143 Operator: Mike Dickerson Hours 0
Eqp. No. 107 Operator: Hayden Adams Hours 0

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Comments: No work due to Hurricane Zeta

Foreman Signature Randy Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 11/09/20 Weather Conditions Hurricane Zeta

Down Time Caused by Weather Conditions ______ hours

WORK HOURS

Foreman: Randy Hogan Hours 0
Eqp. No. 143 Operator: Mike Dickerson Hours 0
Eqp. No. 107 Operator: Hayden Adams Hours 0

GAPS

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</table>

Comments: No work due to Hurricane Zeta

Foreman Signature Randy Hogan
**MARSH BUGGIES, INC.**

**DAILY PROGRESS REPORT**

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: **10-30-20** Weather Conditions: **Cold/Breezy**
Down Time Caused by Weather Conditions: **0** hours

**WORK HOURS**

Foreman: **Robert Hogan**, Hours: **12**
Eqp. No. 143 Operator: **Mike Dickerson**, Hours: **12**
Eqp. No. 107 Operator: **Harden Adams**, Hours: **12**
GAPS Mechanic: **Darrin Helmer**, Hours: **12**

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<td>D</td>
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<tbody>
<tr>
<td>D</td>
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<tr>
<td>A</td>
<td>125</td>
<td>107</td>
<td>H A</td>
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</table>

Comments: 143 Enter Cell Cat 0+00 Tracked to 1+50 widened Bottom cut of Creek and cleaned up Tracks on way out. Then widened bottom cut of Gap.

Foreman Signature

---
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
Location: CPRA
St. Tammany Parish, Louisiana
Date of Report: 10-31-20 Weather Conditions: Good
Down Time Caused by Weather Conditions: 0 hours

WORK HOURS

Foreman: Robert Hogan Hours: 12
Eqp. No. 143 Operator: Mike Dickerson Hours: 12
Eqp. No. 107 Operator: Hayden Adams Hours: 12

GAPs: Mechanic: Darvin Helmer Hours: 12

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Comments: 143 went and widened Creek in cell-C from 4+50 to 6+37 and also widened Bottom of bath-Gaps in cell-C (Bottoms). Hayden (107) finished Creek in cell-A and is staged to cut Northern gap in morning.

Foreman Signature: Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 11-1-20   Weather Conditions: Good
Down Time Caused by Weather Conditions: 0 hours

WORK HOURS

Foreman: Robert Hogan   Hours: 12
Eqp. No. 143 Operator: Mike Dickerson   Hours: 12
Eqp. No. 107 Operator: Hayden Adams   Hours: 12
GAPS Mechanic: Darrin Helmer   Hours: 12

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<td>A</td>
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Comments: 143 widened gap on west end (Bottom) and widened Bottom on Tidal Creek. 107 cut North Gap and started cutting North Tidal Creek.

Foreman Signature: Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
Location: CPRA St. Tammany Parish, Louisiana
Date of Report: 11-3-20 Weather Conditions Good
Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: Robert Hagen Hours 12
Eqp. No. 143 Operator: Mike Dickerson Hours 12
Eqp. No. 107 Operator: Hayden Adams Hours 12
Mechanic: Darrin Helmer Hours 17

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<td>A</td>
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GAPS

CREEKS

Comments: 143 Completed Widening the Bottom of Tidal Creek in Cell E and Tracked to the Next Gap and began Widening it. 107 Started work and shut down due to a hydraulic leak in the inside of right pontoon. Repair was made by the end of the day and will resume work in the morning.

Foreman Signature Robert Hagen
MARSH BUGGIES, INC.
DAILY PROGRESS REPORT

Project Title:  Goose Point/Point Platte and Bayou Bounfouca
Location:      CPRA
              St. Tammany Parish, Louisiana
Date of Report:  11-3-20  Weather Conditions:  Good
Down Time Caused by Weather Conditions:  0 hours

WORK HOURS
Foreman:  Robert Hope  Hours: 12
Eqp. No. 143 Operator:  Mike Dickerson  Hours: 10
Eqp. No. 107 Operator:  Hayden Adams  Hours: 16
GAPS Mechanic:  Darrin Helmer  Hours: 12

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Comments: 143 Completed widening Gaps in cell F and tracked back to pipeline canal. With permission will cross Tomorrow. 107 completed tidal creek in cell A. Will track back to cell B tomorrow and work on gaps that are not wide enough.

Foreman Signature:  Robert Hope
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
St. Tammany Parish, Louisiana

Date of Report: 11-4-20 Weather Conditions Goed

Down Time Caused by Weather Conditions 0 hours

WORK HOURS
Foreman: Robert Hogan Hours 12
Eqp. No. 143 Operator: Mike Nickerson Hours 12
Eqp. No. 107 Operator: Hayden Adams Hours 12
Mechanic: Darrin Helmer Hours 12

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<td>B</td>
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<td>1+50 to 4+00</td>
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Comments: 107 completed work in Cell-A and on the way out I had him widen Gap. Then I tracked to Cell-B and widened Gap #2 and started to widen Gap #1. 143 was towed to Area B and started to widen Tidal Creek from 1+50 to 4+00 and will complete widening all the way.

Foreman Signature: Robert Hogan to lot 44 Tomorrow.

This work was based on post construction survey info.
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 11-5-20 Weather Conditions Good
Down Time Caused by Weather Conditions 0 hours

WORK HOURS
Foreman: Robert Hogan Hours 12
Eqp. No. 143 Operator: Mike Dickerson Hours 12
Eqp. No. 107 Operator: Hayden Adams Hours 12

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<td>143</td>
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</table>

Comments: All work was put on Hold pending post Survey Results and Instructions from CRRA

Foreman Signature: Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 11/01/20 Weather Conditions Good

Down Time Caused by Weather Conditions ___ hours

WORK HOURS

Foreman: Randy Hogan Hours 0
Eqp. No. 143 Operator: Mike Dickerson Hours 0
Eqp. No. 107 Operator: Hayden Adams Hours 12

GAPS

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<tr>
<th>AREA/CELL NUMBER</th>
<th># OF GAPS COMPLETE</th>
<th>Equipment Number</th>
<th>Operator</th>
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</table>

Comments: No work - waiting on surveys

Foreman Signature Randy Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 11/8/20  Weather Conditions Good
Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: Randy Hogan  Hours 0
Eqp. No. 143  Operator: Mike Dickerson  Hours 0
Eqp. No. 107  Operator: Hayden Adams  Hours 0
GAPS  Helper: Darren Heiner  Hours 0

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Comments: No work - waiting on post-cen surveys

Foreman Signature  Randy Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 11-4-20 Weather Conditions Good

Down Time Caused by Weather Conditions __ hours

WORK HOURS

Foreman: Robert Hogan Hours 12
Eqp. No. 107 Operator: Hayden Adams Hours 12
Eqp. No. __ Operator: __________ Hours __________

GAPS

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Comments: Lowered spoils in Cell-A. Danny Breaux pass by and it looked fine to him.

Foreman Signature: Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 11/10/00 Weather Conditions Good
Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: Randy Hogan Hours 0
Eqp. No. 143 Operator: Mike Dickerson Hours 0
Eqp. No. 107 Operator: Hayden Adams Hours 0
Gaps Helper: Darrin Helmer 0 Hrs.

Hydroterra
William Boyd 12 hrs.
Jed Guidry 12 hrs.

AREAS/CELLS

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Comments: (MBI) - No work, waiting on surveys
(Hydroterra) - Performed as built surveys in Cell A

Foreman Signature: Randy Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 11/11/00 Weather Conditions Good
Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: Randy Hogan Hours 0
Eqp. No. 143 Operator: Mike Dickerson Hours 0
Eqp. No. 107 Operator: Hayden Adams Hours 0
GAPS Helper: Darrin Helmer Hours 0

Hydroteerra
William Boyd 12 hrs.
Jed Guidry 12 hrs.

AREA/CALL NUMBER | # OF GAPS COMPLETE | Equipment Number | Operator
---|---|---|---

CREEKS

AREA/CALL NUMBER | FOOTAGE | Equipment Number | Operator
---|---|---|---

Comments: No work - waiting on post-con surveys (MBI) (Hydroteerra) - Performed as built surveys in Cell B of Area 2

Foreman Signature Randy Hogan
**MARSH BUGGIES, INC.**

**DAILY PROGRESS REPORT**

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA  
Location: St. Tammany Parish, Louisiana  
Date of Report: 11/12/80  Weather Conditions: Good

Down Time Caused by Weather Conditions: 0 hours

**WORK HOURS**

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<thead>
<tr>
<th>Equipment No.</th>
<th>Operator</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>143</td>
<td>Mike Dickerson</td>
<td>0</td>
</tr>
<tr>
<td>107</td>
<td>Hayden Adams</td>
<td>0</td>
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**GAPS**

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<th>Equipment Number</th>
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Comments: No work - waiting on post-con surveys (MBI)  
(Hydroterra) - Performed as-built surveys in Cell E i Areas 1, 2, 3 & 4

Foreman Signature: Randy Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 11/3/90 Weather Conditions Good
Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: Randy Hogan  Hours 0
Eqp. No. 143 Operator: Mike Dickerson  Hours 0
Eqp. No. 107 Operator: Hayden Adams  Hours 0
GAPS Helper: Darrin Helmer  Hours 0

AREA/CELL NUMBER    # OF GAPS COMPLETE    Equipment Number    Operator


CREEKS

AREA/CELL NUMBER    FOOTAGE    Equipment Number    Operator


Comments: No work - waiting on post-con surveys

Foreman Signature: Randy Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 11/14/20 Weather Conditions Good
Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: Randy Hogan Hours 0
Eqp. No. 143 Operator: Mike Dickerson Hours 0
Eqp. No. 107 Operator: Hayden Adams Hours 0
GAPS Helper: Darren Helmer Hours 0

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<tr>
<th>AREA/CELL NUMBER</th>
<th># OF GAPS COMPLETE</th>
<th>Equipment Number</th>
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CREEKS

Comments: No work - waiting on post-con surveys

Foreman Signature Randy Hogan


MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 11/15/20 Weather Conditions Good
Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: Randy Hogan Hours 0
Eqp. No. 148 Operator: Mike Dickerson Hours 0
Eqp. No. 107 Operator: Hayden Adams Hours 0
GAPS Helper: Darren Heimer Hours 0

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<th># OF GAPS COMPLETE</th>
<th>Equipment Number</th>
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Comments: No work - waiting on post-car surveys

Foreman Signature Randy Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 11-16-20 Weather Conditions Good
Down Time Caused by Weather Conditions 0 hours

WORK HOURS
Foreman: Robert Hogan Hours 12
Eqp. No. 143 Operator: Mike Rogers Hours 12
Eqp. No. 107 Operator: Hayden Adams Hours 12
GAPs Mechanic: Darin Helmer Hours 12

<table>
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<tr>
<th>AREA/CELL NUMBER</th>
<th># OF GAPS COMPLETE</th>
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<th>Operator</th>
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<tbody>
<tr>
<td>A</td>
<td>2</td>
<td>107</td>
<td>HA</td>
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<tr>
<td>2</td>
<td>1</td>
<td>143</td>
<td>MR</td>
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<tr>
<td>A North Pond</td>
<td>500</td>
<td>107</td>
<td>HA</td>
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<td></td>
<td>150</td>
<td>143</td>
<td>MR</td>
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</table>

Comments: 107 Re-cut southern gap & tidal creek then moved and re-cut northern gap and will re-cut north creek tomorrow. 143 was towed to area 2 from area 1 tracked up to north pond from south side of area 2 and started excavating north pond and cut approx. 150 ft.

Foreman Signature: Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Grove Point/Point Platte and Bayou Bonfouca
Location: CFRA
St. Tammany Parish, Louisiana
Date of Report: 11-17-20 Weather Conditions: Good
Down Time Caused by Weather Conditions: 0 hours

WORK HOURS
Foreman: Robert Hogan Hours: 12
Eqp. No.143 Operator: Mike Rogers Hours: 12
Eqp. No.107 Operator: Hayden Adams Hours: 12
GAPS: Darrin Helmer Hours: 12

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<td>2_Pond A</td>
<td>150</td>
<td>143</td>
<td>MR</td>
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<td></td>
<td>$400</td>
<td>107</td>
<td>HA</td>
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</table>

Comments: 143 Excavating North Pond, 107 Re-cut North Tidal Creek and will be towed to Area 2 South Pond tomorrow.

Foreman Signature: Robert Hogan
# MARSH BUGGIES, INC.

## DAILY PROGRESS REPORT

**Project Title:** Goose Point/Point Platte and Bayou Bonfouca CPRA  
**Location:** St. Tammany Parish, Louisiana  
**Date of Report:** 11-18-20  
**Weather Conditions** GOUD  
**Down Time Caused by Weather Conditions** 0 hours

### WORK HOURS

<table>
<thead>
<tr>
<th>Foreman</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Robert Hogan</td>
<td>12</td>
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<tr>
<td>Eqp. No. 143</td>
<td>Hours 12</td>
</tr>
<tr>
<td>Operator: Mike Rogers</td>
<td></td>
</tr>
<tr>
<td>Eqp. No. 107</td>
<td>Hours 12</td>
</tr>
<tr>
<td>Operator: Hayden Adams</td>
<td></td>
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<tr>
<td>Gaps Mechanic: Darrin Helmer</td>
<td>Hours 12</td>
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### AREA/CELL NUMBER

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<td>2 Pond</td>
<td>200</td>
<td>143</td>
<td>M R</td>
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**Comments:** 143 still in North Pond. Tracked 107 out to Lacomal Bayou. But lake too choppy to tow out will try again in the morning.

**Foreman Signature:** Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 11-19-20 Weather Conditions Good
Down Time Caused by Weather Conditions 0 hours

WORK HOURS
Foreman: Robert Hogan
Hours 8 Absent
Eqp. No. 143 Operator: Mike Rogers
Hours 12
Eqp. No. 107 Operator: Hayden Adams
Hours 12
Gaps: Mechanic: Darrin Helmer Hours 12
Ian Comeaux Hours 12
Airboat Operator

<table>
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<tr>
<th>AREA/CELL NUMBER</th>
<th># OF GAPS COMPLETE</th>
<th>Equipment Number</th>
<th>Operator</th>
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<td></td>
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<td>143</td>
<td>M.R.</td>
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<td></td>
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<td>107</td>
<td>H.A.</td>
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<td>100</td>
<td>143</td>
<td>M.R.</td>
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<tr>
<td>2 Pond</td>
<td>150</td>
<td>107</td>
<td>H.A.</td>
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Comments: Both Excavating Ponds 143 Northpond 107 South Pond

Foreman Signature: Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 11-20-20 Weather Conditions Good
Down Time Caused by Weather Conditions 0 hours

WORK HOURS
Foreman: Robert Hogan Hours 12
Eqp. No. 143 Operator: Mike Rogers Hours 12
Eqp. No. 107 Operator: Hayden Adams Hours 12
Mechanic: Darren Helmer Hours 12

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<td>AREA/CELL NUMBER</td>
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<tr>
<td>2N-Pond</td>
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<tr>
<td>2S-Pond</td>
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</table>

Comments: Both operators making good progress in both ponds

Foreman Signature: Robert Hogan
**MARSH BUGGIES, INC.**

**DAILY PROGRESS REPORT**

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 11-21-20 Weather Conditions: Good
Down Time Caused by Weather Conditions: 0 hours

**WORK HOURS**

Foreman: Robert Hogan Hours: 12
Eqp. No. 143 Operator: Mike Rogers Hours: 12
Eqp. No. 107 Operator: Hayden Adams Hours: 9
GAPS Mechanic: Darin Helmer Hours: 9

**CREEKS**

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<th>FOOTAGE</th>
<th>Equipment Number</th>
<th>Operator</th>
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<tbody>
<tr>
<td>2 N Pond</td>
<td>200</td>
<td>143</td>
<td>MR</td>
</tr>
<tr>
<td>2 S Pond</td>
<td>150</td>
<td>107</td>
<td>HA</td>
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</table>

Comments: Progress in ponds moving forward as planned. We are averaging a plus lift to a plus 10" with a SE wind.

Foreman Signature: Robert Hogan

**Ian Comeaux Airboat:** "Day Rate"
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
St. Tammany Parish, Louisiana

Date of Report: 11-22-20 Weather Conditions: Good
Down Time Caused by Weather Conditions: 0 hours

WORK HOURS

Foreman: Robert Hogan Hours: 11
Eqp. No. 143 Operator: Mike Rogers Hours: 11
Eqp. No. 107 Operator: Hayden Adams Hours: 6.5

GAPS
Mechanic: Darrin Helmer Hours: 11

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<th>AREA/CELL NUMBER</th>
<th># OF GAPS COMPLETE</th>
<th>Equipment Number</th>
<th>Operator</th>
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<th>AREA/CELL NUMBER</th>
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<th>Equipment Number</th>
<th>Operator</th>
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<tbody>
<tr>
<td>2N-Pond</td>
<td>150</td>
<td>143</td>
<td>MR</td>
</tr>
<tr>
<td>2S-Pond</td>
<td>100</td>
<td>107</td>
<td>HA</td>
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</tbody>
</table>

Comments: Still excavating Area 2 Ponds.

Foreman Signature: Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 11-23-20 Weather Conditions Good
Down Time Caused by Weather Conditions 0 hours

WORK HOURS
Foreman: Robert Hogan Hours 12
Eqpt. No. 143 Operator: Mike Rogers Hours 12
Eqpt. No. 107 Operator: Haydon Adams Hours 4
Gaps Mechanic: Darrin Helmer Hours 12

<table>
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<tr>
<th>AREA/CELL NUMBER</th>
<th># OF GAPS COMPLETE</th>
<th>Equipment Number</th>
<th>Operator</th>
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<tbody>
<tr>
<td>1</td>
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<td>143</td>
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<td>2</td>
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<tbody>
<tr>
<td>2 NBond</td>
<td>200</td>
<td>143</td>
<td>M R</td>
</tr>
<tr>
<td>2 Spond</td>
<td>75</td>
<td>107</td>
<td>HA</td>
</tr>
</tbody>
</table>

Comments: Continued Excavating both North & South ponds

Foreman Signature Robert Hogan

Jam Comeaux Day Rate Air Boat
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 11-24-20 Weather Conditions Good

Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: Robert Hagen Hours 12
Eqp. No. 143 Operator: Mike Adams Hours 12
Eqp. No. 107 Operator: Hayden Adams Hours 12

GAPS Mechanic: Darrin Helmer Hours 12

<table>
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<tr>
<th>AREA/CELL NUMBER</th>
<th># OF GAPS COMPLETE</th>
<th>Equipment Number</th>
<th>Operator</th>
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<th>FOOTAGE</th>
<th>Equipment Number</th>
<th>Operator</th>
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<tbody>
<tr>
<td>2 N Pond</td>
<td>125</td>
<td>143</td>
<td>M R</td>
</tr>
<tr>
<td>2 S Pond</td>
<td>100</td>
<td>107</td>
<td>H A</td>
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</tbody>
</table>

Comments: Excavating continues work in ponds. Footage is slowed by the type of material. Spoil has to be gently removed and then gently placed in spoil area.

Foreman Signature Robert Hagen
**MARSH BUGGIES, INC.**

**DAILY PROGRESS REPORT**

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA

Location: St. Tammany Parish, Louisiana

Date of Report: 11-25-20 Weather Conditions Fair

Down Time Caused by Weather Conditions 0 hours

**WORK HOURS**

<table>
<thead>
<tr>
<th>Foreman</th>
<th>Robert Hogan</th>
<th>Hours</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eqp. No. 143</td>
<td>Mike Rogers</td>
<td>Hours</td>
<td>10</td>
</tr>
<tr>
<td>Eqp. No. 107</td>
<td>Hayden Adams</td>
<td>Hours</td>
<td>10</td>
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**GAPS**

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<tr>
<th>Area/Cell Number</th>
<th># of Gaps Complete</th>
<th>Equipment Number</th>
<th>Operator</th>
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<th>Equipment Number</th>
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<tbody>
<tr>
<td>2N-Pond</td>
<td>100</td>
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<tr>
<td>25-Pond</td>
<td>100</td>
<td>107</td>
<td>HA</td>
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</tbody>
</table>

Comments: North Pond is approx. 80% complete and South Pond is approx. 58% complete

Foreman Signature: Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 11/8/20 Weather Conditions: Good
Down Time Caused by Weather Conditions: ________ hours

WORK HOURS

Foreman: Randy Hogan Hours: 0
Eqp. No. 148 Operator: Mike Rogers Hours: 0 *pay per diem*
Eqp. No. 107 Operator: Hayden Adams Hours: 0

GAPS

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<tr>
<th>AREA/CELL NUMBER</th>
<th># OF GAPS COMPLETE</th>
<th>Equipment Number</th>
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Comments: * THANKSGIVING *

Foreman Signature: Randy Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
St. Tammany Parish, Louisiana

Date of Report: 11-27-20 Weather Conditions Overcast

Down Time Caused by Weather Conditions 6 hours

WORK HOURS

Foreman: Robert Hogan Hours 12
Eqp. No. 143 Operator: Mike Rogers Hours 9
Eqp. No. 107 Operator: Hayden Adams Hours 12

GAPS Mechanic: Darrin Helmer Hrs 12

IAN COMEAUX AIRBOAT DAY RATE

AREA/CELL NUMBER # OF GAPS COMPLETE Equipment Number Operator

CREEKS

AREA/CELL NUMBER FOOTAGE Equipment Number Operator

2N Pond 120 143 MR
2SP Pond 150 107 HA

Comments: Both Operator struggled with soiless to keep them in spot. Areas material is very soft and difficult to keep from sliding back

Foreman Signature Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
St. Tammany Parish, Louisiana

Date of Report: 11-28-20  Weather Conditions  Rainy

Down Time Caused by Weather Conditions 2 hours

WORK HOURS

Foreman: Robert Hogan  Hours 10

Eqp. No. 143 Operator: Mike Rogers  Hours 10

Eqp. No. 107 Operator: Hayden Adams  Hours 10

GAPS  Ian Comeaux Airboat - Day Rate

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<tr>
<th>AREA/CELL NUMBER</th>
<th># OF GAPS COMPLETE</th>
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<th>Operator</th>
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<th>Equipment Number</th>
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<tbody>
<tr>
<td>2 N Pond</td>
<td>120</td>
<td>143</td>
<td>MR</td>
</tr>
<tr>
<td>2 S Pond</td>
<td>120</td>
<td>107</td>
<td>HA</td>
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</tbody>
</table>

Comments: Excavated Ponds till weather

Flood us out.

Foreman Signature: Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 11/19/20 Weather Conditions: Thunderstorms
Down Time Caused by Weather Conditions: 12 hours

WORK HOURS

Foreman: Randy Hogan Hours: 0
Eqp. No. 143 Operator: Mike Rogers Hours: 0 *pay per diem*
Eqp. No. 107 Operator: Hayden Adams Hours: 0

GAPS

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<th>AREA/CHEL NUMBER</th>
<th># OF GAPS COMPLETE</th>
<th>Equipment Number</th>
<th>Operator</th>
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Comments: No work due to weather

Foreman Signature: Randy Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 11-30-20 Weather Conditions Good
Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: Robert Hogan Hours 12
Eqp. No. 143 Operator: Mike Rogers Hours 12
Eqp. No. 107 Operator: Hayden Adams Hours 0 Absent

GAPS

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<tr>
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<th># OF GAPS COMPLETE</th>
<th>Equipment Number</th>
<th>Operator</th>
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<th>FOOTAGE</th>
<th>Equipment Number</th>
<th>Operator</th>
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<tbody>
<tr>
<td>2 N' Pond</td>
<td>80</td>
<td>143</td>
<td>M R</td>
</tr>
<tr>
<td>2.5 Pond</td>
<td>0</td>
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</table>

Comments: Material very difficult to stack. Because once we make desired depth and we move buggy material pushes back up and then we are no longer at -7.

Foreman Signature: Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 12-1-20 Weather Conditions Cold
Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: Robert Hogan Hours 12
Eqp. No. 143 Operator: Mike Rogers Hours 12
Eqp. No. 107 Operator: Hayden Adams Hours 12

GAPS Tan Comeaux Airboat Day Rate

<table>
<thead>
<tr>
<th>AREA/CELL NUMBER</th>
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<th>Equipment Number</th>
<th>Operator</th>
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<tbody>
<tr>
<td>N Pond</td>
<td>100</td>
<td>143</td>
<td>MR</td>
</tr>
<tr>
<td>S Pond</td>
<td>80</td>
<td>107</td>
<td>HA</td>
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</tbody>
</table>

Comments: Again material than has been excavated to desired depth. Once we move buggy material is being pushed back up.

Foreman Signature: Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 12-2-20 Weather Conditions: Cold
Down Time Caused by Weather Conditions: 0 hours

WORK HOURS

Foreman: Robert Hogan Hours: 12
Eqp. No. 143 Operator: Mike Rogers Hours: 12
Eqp. No. 107 Operator: Hayden Adams Hours: 12

GAPS: Ian Comeaux Airboat Day Rate:

<table>
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<tr>
<th>AREA/CELL NUMBER</th>
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<th>Equipment Number</th>
<th>Operator</th>
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<th>Equipment Number</th>
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<tbody>
<tr>
<td>2N-Pond</td>
<td>150</td>
<td>143</td>
<td>m R</td>
</tr>
<tr>
<td>2S-Pond</td>
<td>150</td>
<td>107</td>
<td>H A</td>
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</table>

Comments: Finishing up in North Pond and still moving spoil in South Pond. Penicks were giving a tour of the pond and were then happy with North pond and I told them I would do the same in South Pond before we track cut.

Foreman Signature: Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 12-3-20 Weather Conditions Overcast/Rainy
Down Time Caused by Weather Conditions 0 hours

WORK HOURS
Foreman: Robert Hogan Hours 12
Eqp. No. 143 Operator: Mike Rogers Hours 12
Eqp. No. 107 Operator: Hayden Adams Hours 12

GAPS

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<thead>
<tr>
<th>AREA/CELL NUMBER</th>
<th># OF GAPS COMPLETE</th>
<th>Equipment Number</th>
<th>Operator</th>
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<th>Equipment Number</th>
<th>Operator</th>
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<tr>
<td>2-N-Pond</td>
<td>Complete</td>
<td>143</td>
<td>MR</td>
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<tr>
<td>2-S-Pond</td>
<td>175</td>
<td>107</td>
<td>HA</td>
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</tbody>
</table>

Comments: 143 (Mike) completed North pond and connecting creek. Mike will start cleanup work in South pond tomorrow. 107 (Hayden) finished transferring spoils into marsh outside of berms and went back to excavating South Pond.

Foreman Signature Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 2-4-20 Weather Conditions Cold
Down Time Caused by Weather Conditions: 0 hours

WORK HOURS

Foreman: Robert Hogan Hours 11
Eqp. No. 143 Operator: Mike Rogers Hours 11
Eqp. No. 107 Operator: Hayden Adams Hours 11

GAPS

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<tr>
<th>AREA/CELL NUMBER</th>
<th># OF GAPS COMPLETE</th>
<th>Equipment Number</th>
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<tbody>
<tr>
<td>2-S-Pond</td>
<td>100</td>
<td>143</td>
<td>MR</td>
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<tr>
<td>2-S-Pond</td>
<td>100</td>
<td>107</td>
<td>HA</td>
</tr>
</tbody>
</table>

Comments: 143(Mike) placed spoils outside of berms and 107 Hayden refilled some of his spoil area that he cleared to make room for more spoils

Foreman Signature Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
St. Tammany Parish, Louisiana

Date of Report: 12-5-20 Weather Conditions: Good

Down Time Caused by Weather Conditions: 0 hours

WORK HOURS

Foreman: Robert Hogan
Hours: 11

Eqp. No. 143 Operator: Mike Rogers
Hours: 11

Eqp. No. 107 Operator: Hayden Adams
Hours: 11

GAPS

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<th>Operator</th>
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<tr>
<td>2-S-Pond</td>
<td>150</td>
<td>143</td>
<td>MR</td>
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<tr>
<td>2-S-Pond</td>
<td>120</td>
<td>107</td>
<td>HA</td>
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</tbody>
</table>

Comments: Both Operators continue to excavate pond and move spoil to spoil area

Foreman Signature: Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 12/16/20 Weather Conditions Good
Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: Randy Hogan Hours 0
Eqp. No. 148 Operator: Mike Rogers Hours 0
Eqp. No. 107 Operator: Hayden Adams Hours 0
Ian Comauid 0 hrs

GAPS

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<th>Equipment Number</th>
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</table>

Comments: No work today - did not have airboat operator

Foreman Signature Randy Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
St. Tammany Parish, Louisiana

Date of Report: 12-7-20 Weather Conditions Good/Cold

Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: Robert Hess Hours 10
Eqp. No. 143 Operator: Mike Rogers Hours 10
Eqp. No. 107 Operator: Hayden Adams Hours 10

GAPS

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<tr>
<th>AREA/CELL NUMBER</th>
<th># OF GAPS COMPLETE</th>
<th>Equipment Number</th>
<th>Operator</th>
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<tr>
<td>L.S. Pond</td>
<td>80</td>
<td>143</td>
<td>M</td>
</tr>
<tr>
<td>L.S. Pond</td>
<td>80</td>
<td>107</td>
<td>H</td>
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</table>

Comments: Due to time change we are now working 10 hrs a day and material being soft it needs to be handled very slowly.

Foreman Signature: Robert Hess
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 12-8-20 Weather Conditions GOOD
Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: Robert Hogan Hours 10
Eqp. No. 43 Operator: Mike Rogers Hours 10
Eqp. No. Operator:

GAPS

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<tr>
<td>2-5-Pod</td>
<td>80</td>
<td>14.3</td>
<td>MR</td>
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</table>

Comments: Handling material steady and slow, but its the best way to make positive progress.

Foreman Signature Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 12-9-20 Weather Conditions Good
Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: Robert Hogen Hours 10
Eqp. No. 48 Operator: Mike Rogers Hours 10
Eqp. No. Operator:

GAPS

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<th>AREA/CELL NUMBER</th>
<th># OF GAPS COMPLETE</th>
<th>Equipment Number</th>
<th>Operator</th>
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<tbody>
<tr>
<td>2-5-Parad</td>
<td>80</td>
<td>143</td>
<td>M R</td>
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</table>

Comments: Continuing to make progress material is very soft and rubbery, but workable if handled gently.

Foreman Signature Robert Hagen
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 12-10-20 Weather Conditions Good
Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: Robert Hogan Hours 10
Eqp. No. 143 Operator: Mike Rogers Hours 10
Eqp. No. Operator: Hours 

GAPS

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<tr>
<td>2-5 Pond</td>
<td>80</td>
<td>143</td>
<td>Mr.</td>
</tr>
</tbody>
</table>

Comments: Material proving to be very difficult. Mike transfer material to spoil area as best he can but when he tracks his buggy forward seems most all he stacked just slides back.

Foreman Signature Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca  
CPRA  
Location: St. Tammany Parish, Louisiana  
Date of Report: 12-11-20  
Weather Conditions: Good  
Down Time Caused by Weather Conditions: 0 hours

WORK HOURS

Foreman: Robert Hogan  
Hours: 10\frac{1}{2}

Eqp. No. 143  
Operator: Mike Rogers  
Hours: 10\frac{1}{2}

GAPS

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<tr>
<td>2-5-Pond</td>
<td>60</td>
<td>143</td>
<td>MR</td>
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</table>

Comments: Material proving to be very difficult to work with. Doing the absolute best we can do to reach required dept and stack material accordingly.

Foreman Signature: Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 12-12-20 Weather Conditions Rainy/overcast
Down Time Caused by Weather Conditions 0 hours

WORK HOURS
Foreman: Robert Hoson Hours 4
Eeq. No. 143 Operator: Mike Rogers Hours 4
Eeq. No. Operator: Hours

GAPS

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Comments: We didn't go in the ponds today but we were able to complete repairs to airboat and we will be working a regular work day tomorrow

Foreman Signature Robert Hoson
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
St. Tammany Parish, Louisiana

Location: Fair

Date of Report: 12-13-20
Weather Conditions: Fair

Down Time Caused by Weather Conditions: 0 hours

WORK HOURS

Foreman: Robert Hogan
Hours: 10

Eqp. No. 143 Operator: Mike Rogers
Hours: 10

Eqp. No.: Operator:

GAPS

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<tbody>
<tr>
<td>2-S-Pond</td>
<td>80</td>
<td>143</td>
<td>M.R</td>
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</table>

Comments: We continue to struggle with sloppy material, but we move forward as best we can. We are still making positive progress.

Foreman Signature: Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
Location: CPRA
St. Tammany Parish, Louisiana
Date of Report: 12-14-20
Weather Conditions: Cold/Windy
Down Time Caused by Weather Conditions: 0 hours

WORK HOURS
Foreman: Robert Hogan
Eqp. No. 143 Operator: Mike Rogers
Hours: 10

GAPS
Ian Comcaux AirBoat

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<tr>
<td>2-5-Pond</td>
<td>100</td>
<td>143</td>
<td>M R</td>
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</table>

Comments: Mike continues to excavate and move spoils to designated area. Mud is still very soupy and needs to be handled carefully.

Foreman Signature: Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 12-15-20 Weather Conditions: Overcast/Cold
Down Time Caused by Weather Conditions: 0 hours

WORK HOURS

Foreman: Robert Hogan   Hours: 10
Eq. No. 43 Operator: Mike Rogers   Hours: 10

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<tr>
<td>2-S-Pond</td>
<td>620</td>
<td>43</td>
<td>mR</td>
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Comments: Still excavating south pond and slowly making progress. We are getting Chris Cupp back tomorrow to run buggy top.

Foreman Signature: Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
St. Tammany Parish, Louisiana

Date of Report: 12-16-20 Weather Conditions Cold

Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: Robert Hogan Hours 10
Eqp. No. 143 Operator: Mike Rogers Hours 10
Eqp. No. 107 Operator: Chris Cupp Hours 10

GAPS Tan Conaux Airboat

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<td>50</td>
<td>143</td>
<td>mR</td>
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<tr>
<td>2-5-Pond</td>
<td>40</td>
<td>107</td>
<td>CC</td>
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Comments: Water level was at +1 ft today Slowing progress. Tide levels were dropping IN THE Pm hours.

Foreman Signature Robert Hogan
**MARSH BUGGIES, INC.**

**DAILY PROGRESS REPORT**

**Project Title:** Goose Point/Point Platte and Bayou Bonfouca

**Location:** CPRA

St. Tammany Parish, Louisiana

**Date of Report:** 12-17-20

**Weather Conditions:** Cold/overcast

**Down Time Caused by Weather Conditions:** 0 hours

**WORK HOURS**

<table>
<thead>
<tr>
<th>Foreman</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Robert Hogan</td>
<td>8 1/2</td>
</tr>
<tr>
<td>Mike Rogers</td>
<td>10</td>
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<tr>
<td>Chris Culp</td>
<td>10</td>
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**GAPS**

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<td>50</td>
<td>143</td>
<td>MR</td>
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<tr>
<td>2-5-Pond</td>
<td>50</td>
<td>107</td>
<td>CC</td>
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</table>

**Comments:** Both operators working material to designated area, started today at 5" and second half of the day was at zero.

Foreman Signature: Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
St. Tammany Parish, Louisiana

Date of Report: 12-18-20 Weather Conditions: Cold

Down Time Caused by Weather Conditions: 0 hours

WORK HOURS

Foreman: Robert Hogan Hours: 10
Eqp. No. 143 Operator: Mike Rogers Hours: 10
Eqp. No. 107 Operator: Chris Cipp Hours: 10

GAPS: Ian Comeaux Airboat (Repairs)

AREA/CELL NUMBER # OF GAPS COMPLETE Equipment Number Operator

1

CREEK

AREA/CELL NUMBER FOOTAGE Equipment Number Operator

1-S-Pond 50 143 M R
2-S-Pond 50 107 C C

Comments: Slowly moving forward, tide was at zero most of the day. Pond is starting shape up.

Foreman Signature Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 12-19-20 Weather Conditions Fair
Down Time Caused by Weather Conditions 0 hours

WORK HOURS
Foreman: Robert Hagan Hours 10
Eqp. No. 143 Operator: Mike Rogers Hours 10
Eqp. No. 107 Operator: Chris Cupp Hours 10

GAPS

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<td>143</td>
<td>MR</td>
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<tr>
<td>2-S Pond</td>
<td>60</td>
<td>107</td>
<td>CC</td>
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Comments: West side of pond is complete
Both operators on east side of pond
Estimate of 3 to 4 days to complete pond

Foreman Signature Robert Hagan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 12-20-20 Weather Condition: Overcast
Down Time Caused by Weather Conditions: 0 hours

WORK HOURS
Foreman: Robert Hagan Hours: 10
Eqp. No. 143 Operator: Mike Rogers Hours: 10
Eqp. No. 107 Operator: Chris Cupp Hours: 10

GAPS

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<td>60</td>
<td>143</td>
<td>Mr.</td>
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<tr>
<td>2-5 Pond</td>
<td>60</td>
<td>107</td>
<td>CC</td>
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Comments: Making good progress on finishing pass. 1 to 2 days (Approx.) to complete pond. Water was at a plus 1 today but we are moving forward.

Foreman Signature: Robert Hagan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
St. Tammany Parish, Louisiana

Date of Report: 12-21-20  Weather Conditions Fair

Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: Robert Hogan  Hours 10
Eqp. No.143 Operator: Mike Rogers  Hours 10
Eqp. No.107 Operator: Chris Cripp  Hours 10

GAPS Mechanic Darrin Helmer Hrs 10

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<tr>
<td>2-S-Pond</td>
<td>50</td>
<td>107</td>
<td>C C</td>
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Comments: Progress continues talking to operator. Our goal is to complete pond by EOD of Wednesday. The Penicks asked to view the ponds tomorrow so we are going to bring them out.

Foreman Signature Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
St. Tammany Parish, Louisiana

Date of Report: 12-22-2020 Weather Conditions Good

Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: Robert Hogan Hours 10

Eqp. No. 143 Operator: Mike Rogers Hours 10

Eqp. No. 107 Operator: Chris Cupp Hours 10

GAPS

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<td>143</td>
<td>MR</td>
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<tr>
<td>2-5 Pond</td>
<td>50</td>
<td>107</td>
<td>CC</td>
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Comments: Pond should be complete by End of the Work Day Tomorrow. Cliff Penick toured the ponds today and absolutely thrilled (his words) in what we did on his property.

Foreman Signature Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
St. Tammany Parish, Louisiana

Date of Report: 12-23-20
Weather Conditions: Overcast

Down Time Caused by Weather Conditions: 0 hours

WORK HOURS

Foreman: Robert Hager
Hours: 16

Eqp. No. 143 Operator: Mike Rogers
Hours: 10

Eqp. No. 107 Operator: Chris Cuff
Hours: 10

GAPS

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<tr>
<td>2-5 Pond</td>
<td>50</td>
<td>107</td>
<td>CC</td>
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Comments: Track #143 out of Pond and 143 has a little work left as he exits pond and then Mike 143 will start cleaning out Creek for Job completion

Foreman Signature: Robert Hager
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 10/04/80 Weather Conditions: Good
Down Time Caused by Weather Conditions: 0 hours

WORK HOURS

Foreman: Randy Hogan Hours: 0
Eqp. No. 148 Operator: Mike Hogan Hours: 0
Eqp. No.: Operator: Hours:

GAPS

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Comments: No work - Holiday

Foreman Signature: Randy Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 12/25/80 Weather Conditions Good

Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: Randy Hogan Hours 0
Eqp. No. 143 Operator: Mike Rogers Hours 0
Eqp. No. Operator: Hours

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Comments: No work - Holiday

Foreman Signature: Randy Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 10/24/80 Weather Conditions Good
Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: Randy Hogan Hours 0
Eqp. No. 148 Operator: Mike Rogers Hours 0
Eqp. No. Operator: Hours

GAPS

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Comments: No work - Holiday

Foreman Signature Randy Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 11/11/10 Weather Conditions Good

Down Time Caused by Weather Conditions _0_ hours

WORK HOURS

Foreman: Randy Hogan Hours _0_
Eqp. No. 148 Operator: Mike Rogers Hours _0_

GAPS

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Comments: No work - Holiday

Foreman Signature: Randy Hogan
Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 12-28-20
Weather Conditions: Good
Down Time Caused by Weather Conditions: 0 hours

**WORK HOURS**

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<thead>
<tr>
<th>Foreman</th>
<th>Hours</th>
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<tr>
<td>Robert Hogan</td>
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<tr>
<th>Eqp. No.</th>
<th>Operator</th>
<th>Hours</th>
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<tr>
<td>43</td>
<td>Gary Rodriguez</td>
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<th>Operator</th>
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<tbody>
<tr>
<td>2-S. Pond</td>
<td>106</td>
<td>143</td>
<td>GI2</td>
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</table>

Comments: Area A, South Pond is complete. Tomorrow we will begin in exiting and cutting creek to -4. Mike Rogers will be back on +143

Foreman Signature: Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
Location: St. Tammany Parish, Louisiana
Date of Report: 12-29-20, Weather Conditions: Good
Down Time Caused by Weather Conditions: 0 hours

WORK HOURS
Foreman: Robert Hogan, Hours: 10
Eqp. No. 143 Operator: Mike Rogers, Hours: 10
Eqp. No. Operator: Hours:
Gaps: Mechanic: Darrin Helmer, Hours: 10

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<tr>
<td>2-S.Pond</td>
<td>25</td>
<td>143</td>
<td>MR</td>
</tr>
<tr>
<td>2-S.Creek</td>
<td>300</td>
<td>143</td>
<td>MR</td>
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</table>

Comments: Cleaned up exiting opening from South pond entering into South part of Creek. Tide level started at zero and at mid day was at 6 ft.

Foreman Signature: Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca
Location: CPRA
St. Tammany Parish, Louisiana
Date of Report: 12-30-20 Weather Conditions: Good
Down Time Caused by Weather Conditions: 0 hours

WORK HOURS

Foreman: Robert Hogan
Hours: 10
Eqp. No.: 43 Operator: Mike Rogers
Hours: 10
Eqp. No.: Operator: Darrin Helmer
Hours: 10

GAPS

<table>
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<th>Operator</th>
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<tbody>
<tr>
<td>2</td>
<td>300+</td>
<td>43</td>
<td>MR</td>
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Comments: Completed last part of the creeks in Area #2. Staged Buggy's just outside Penick's property line.

Foreman Signature: Robert Hogan
MARSH BUGGIES, INC.

DAILY PROGRESS REPORT

Project Title: Goose Point/Point Platte and Bayou Bonfouca CPRA
Location: St. Tammany Parish, Louisiana
Date of Report: 12/31/20 Weather Conditions Good

Down Time Caused by Weather Conditions 0 hours

WORK HOURS

Foreman: Randy Hogan Hours 0
Eqp. No. 14-3 Operator: Mike Rodgers Hours 0
Eqp. No. ______ Operator: _______ Hours _______

GAPS
Helper: Darrin Helmer 0 Hours

<table>
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<th>Operator</th>
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Comments: No work - excavation of south pond & southern creeks / gaps completed on 12-30-20

Awaiting final survey

Foreman Signature Randy Hogan
APPENDIX F

AS-BUILT FEATURES
NOTES

1. ALL HORIZONTAL COORDINATES ARE BASED ON LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM, US SURVEY FOOT AS DERIVED FROM PROJECT CONTROL (876 1534 B TIDAL) VIA GPS KINEMATIC OBSERVATIONS.

2. ELEVATIONS ARE BASED ON NAVD 88 US SURVEY FEET (GEOID12B) AS DERIVED FROM PROJECT CONTROL (876 1534 B TIDAL).

3. TOPOGRAPHIC SURVEY DATA ACQUISITION PERFORMED USING RTK POLING METHOD.

4. THIS DRAWING INDICATES GENERAL CONDITIONS AT THE TIME OF SURVEY.

5. PRE-CONSTRUCTION SURVEY DATA ACQUISITION WAS PERFORMED BY HYDROTERRA TECHNOLOGIES, LC ON SEPTEMBER 8, 9, 10, 11, 21, AND 22, 2020.

6. POST-CONSTRUCTION SURVEY DATA ACQUISITION WAS PERFORMED BY HYDROTERRA TECHNOLOGIES, LC AS FOLLOWS: CELL C - 12/07/20; CELL D - 11/13/20; CELL E - 11/12/20; AREA 1 - 11/12/20; AREA 2 - 11/12/20, 12/15/20, & 01/04/21; AREA 3 - 11/12/20; AREA 4 - 11/12/20.
1.) GAP INSTALLATION BOTTOM WIDTH SHOWN IS 50' WIDE, AT AN ELEVATION OF -1.0' NAVD88.
2.) GAP INSTALLATION SIDE SLOPES SHOWN ARE 3H:1V.
3.) ALL ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 (GEIOD 12B).
GOOSE POINT/POINT PLATTE
CELL A - TIDAL CREEK 1

LEGEND
- TIDAL CREEK ALIGNMENTS
- GAP INSTALLATION TRANSECTS
- SURVEYED CROSS-SECTIONS

HORIZONTAL SCALE
1" = 60'

MARSH BUGGIES INC.
POST-CONSTRUCTION SURVEY
GOOSE POINT/POINT PLATTE & BAYOU BONFOUCA
MARSH CREATION MAINTENANCE PROJECT
GOOSE POINT/POINT PLATTE CELL A - SURVEY PLAN VIEW
ST. TAMMANY PARISH, LA

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 212 JACOBS RUN, SCOTT, LA 70583

KEITH J. ROBERTS
REG. No. 4780
REGISTERED PROFESSIONAL

DATE: 01/27/21
JOB# 2201082
FAC: Cell A & B As-built Survey (12-14-20).dgn

SHEET 3 OF 84
<table>
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<tr>
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<th>Distance</th>
<th>Direction</th>
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<td>0+00.00</td>
<td>647,457,9750'</td>
<td>3,709,251,1320'</td>
<td>13.30'</td>
<td>S76° 14' 26&quot; W</td>
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<td>0+13.30</td>
<td>647,454,7940'</td>
<td>3,709,274,3350'</td>
<td>17.95'</td>
<td>S83° 56' 58&quot; W</td>
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<tr>
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<td>647,452,8970'</td>
<td>3,708,256,3810'</td>
<td>18.88'</td>
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<td>0+50.13</td>
<td>647,452,3430'</td>
<td>3,708,237,5580'</td>
<td>82.27'</td>
<td>N85° 10' 56&quot; W</td>
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<td>2+36.09</td>
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<td>647,491,3690'</td>
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<td>5+66.05</td>
<td>647,510,9080'</td>
<td>3,708,724,6030'</td>
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</table>
1.) TIDAL CREEK BOTTOM WIDTH SHOWN IS 50' WIDE, AT AN ELEVATION OF -1.0' NAVD88.
2.) TIDAL CREEK SIDE SLOPES SHOWN ARE 4H:1V.
3.) ALL ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 (GEIOD 12B).
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PRE-CONSTRUCTION SURVEY (10/02/2020)

POST-CONSTRUCTION SURVEY (11/10/2020)
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<td>646,623.29'</td>
<td>3,708,267.58'</td>
<td>590.57'</td>
<td>62° 34' 21&quot;E</td>
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Cell A - Tidal Creek 2 Alignment Report

PI Station

0+00.00
1+19.49
5+00.01

Northing 647,089.48' 646,972.05' 646,623.29'
Easting 3,708,137.54' 3,708,115.40' 3,708,267.58'
Distance 119.49' 380.52' 590.57'
Direction S10° 40' 28"W S23° 34' 21"E 62° 34' 21"E

MARSH BUGGIES INC.
POST-CONSTRUCTION SURVEY
GOOSE POINT/POINT PLATTE & BAYOU BONFOUCA
MARSH CREATION MAINTENANCE PROJECT
GOOSE POINT/POINT PLATTE CELL A - SURVEY PLAN VIEW
ST. TAMMANY PARISH, LA

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 272 JACOBS RUN, SCOTT, LA 70583

SHEET: 10 OF 84
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<tr>
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<td>645,222.304F</td>
<td>3,709,274.376F</td>
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</table>
1.) TIDAL CREEK BOTTOM WIDTH SHOWN IS 15' WIDE, AT AN ELEVATION OF -1.0' NAVD88.
2.) TIDAL CREEK SIDE SLOPES SHOWN ARE 4H:1V.
3.) ALL ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 (GEIOD 12B).
1.) TIDAL CREEK BOTTOM WIDTH SHOWN IS 15’ WIDE, AT AN ELEVATION OF -1.0’ NAVD88.
2.) TIDAL CREEK SIDE SLOPES SHOWN ARE 4H:1V.
3.) ALL ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 (GEIOD 12B).

PRE-CONSTRUCTION SURVEY (10/01/2020)
POST-CONSTRUCTION SURVEY (11/11/2020)

MARSH BUGGIES INC.
POST-CONSTRUCTION SURVEY
GOOSE POINT/POINT PLATTE & BAYOU BONFOUCA
MARSH CREATION MAINTENANCE PROJECT
CELL B - TIDAL CREEK 1 CROSS-SECTION VIEWS
ST. TAMMANY PARISH, LA

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC - 212 JACOBS RUN, SCOTT, LA 70583

NOTE: STA. 6+00, STA. 6+50, STA. 7+00, STA. 7+50, STA. 8+00, STA. 8+50, STA. 10+00, STA. 10+50, STA. 9+00, STA. 9+50, STA. 11+00, STA. 11+50
1.) TIDAL CREEK BOTTOM WIDTH SHOWN IS 15' WIDE, AT AN ELEVATION OF -1.0' NAVD88.
2.) TIDAL CREEK SIDE SLOPES SHOWN ARE 4H:1V.
3.) ALL ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 (GEOD 12B).

PRE-CONSTRUCTION SURVEY (10/01/2020)
POST-CONSTRUCTION SURVEY (11/11/2020)
1.) GAP INSTALLATION BOTTOM WIDTH SHOWN IS 50' WIDE, AT AN ELEVATION OF -1.0' NAVD88.

2.) GAP INSTALLATION SIDE SLOPES SHOWN ARE 3H:1V.

3.) ALL ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 (GEIOD 12B).
**Cell B - Tidal Creek 2 Alignment Report**

<table>
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<th>Direction</th>
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<tr>
<td>0+00.00</td>
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<tr>
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<td>643,535.8510'</td>
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<td>6.0'</td>
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<tr>
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<td>3,709,312.5320'</td>
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<td>N64° 29' 46&quot;W</td>
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<tr>
<td>1+58.31</td>
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<td>3,709,185.9310'</td>
<td>50.99'</td>
<td>N68° 10' 05&quot;W</td>
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**Cell B - Tidal Creek 2 Alignment Report**

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<td>N62° 40' 10&quot;W</td>
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<td>3+13.05</td>
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<td>3,709,024.5000'</td>
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<tr>
<td>3+39.39</td>
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<td>S89° 16' 47&quot;W</td>
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<td>3,709,036.3170'</td>
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<td>3,709,031.0410'</td>
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<td>S67° 39' 44&quot;W</td>
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<tr>
<td>4+23.10</td>
<td>643,581.0150'</td>
<td>3,708,824.5620'</td>
<td>24.41'</td>
<td>S69° 19' 02&quot;W</td>
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<tr>
<td>4+48.31</td>
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<td>3,708,901.2800'</td>
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<td>3,708,770.8520'</td>
<td>115.06'</td>
<td>N75° 01' 16&quot;W</td>
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</table>
1.) TIDAL CREEK BOTTOM WIDTH SHOWN IS 15' WIDE, AT AN ELEVATION OF -1.0' NAVD88.

2.) TIDAL CREEK SIDE SLOPES SHOWN ARE 4H:1V.

3.) ALL ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 (GEIOD 12B).
1.) TIDAL CREEK BOTTOM WIDTH SHOWN IS 15' WIDE, AT AN ELEVATION OF -1.0' NAVD88.
2.) TIDAL CREEK SIDE SLOPES SHOWN ARE 4H:1V.
3.) ALL ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 (GEIOD 12B).
1.) GAP INSTALLATION BOTTOM WIDTH SHOWN IS 50' WIDE, AT AN ELEVATION OF -1.0' NAVD88.
2.) GAP INSTALLATION SIDE SLOPES SHOWN ARE 3H:1V.
3.) ALL ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 (GEIOD 12B).
TIDAL CREEK ALIGNMENTS
GAP INSTALLATION TRANSSECTS
SURVEYED CROSS-SECTIONS

GOOSE POINT/POINT PLATTE
CELL C - TIDAL CREEK

GOOSE POINT/POINT PLATTE
CELL C - GAP 1

GOOSE POINT/POINT PLATTE
CELL C - GAP 2

MARSH BUGGIES INC.
POST-CONSTRUCTION SURVEY
GOOSE POINT/POINT PLATTE & BAYOU BONFOUCA
MARSH CREATION MAINTENANCE PROJECT

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC.  - 212 JACOBS RUN, SCOTT, LA 70583

ST. TAMMANY PARISH, LA

DATE: 01/27/21  JOB# 2201002  FAX: Cells C-6 & Areas 1-6 AS-HQHT Survey (01-04-21).jpg

HORIZONTAL SCALE
1" = 60'
### Cell C - Tidal Creek Alignment Report

<table>
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<th>Distance</th>
<th>Direction</th>
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<tbody>
<tr>
<td>0+00.00</td>
<td>641,359.5745'</td>
<td>3,728,092.7453'</td>
<td>259.53'</td>
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<tr>
<td>2+39.53</td>
<td>641,437.0630'</td>
<td>3,728,319.3950'</td>
<td>46.58'</td>
<td>N66° 29' 52&quot;E</td>
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<td>2+86.11</td>
<td>641,451.6510'</td>
<td>3,728,362.1080'</td>
<td>22.89'</td>
<td>N81° 38' 19&quot;E</td>
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<td>3+04.99</td>
<td>641,459.5660'</td>
<td>3,728,384.7500'</td>
<td>13.12'</td>
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<td>3,728,510.8710'</td>
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<td>641,278.6792'</td>
<td>3,728,612.2608'</td>
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</tr>
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</table>
1.) CELL C TIDAL CREEK BOTTOM WIDTH SHOWN IS 30' WIDE, AT AN ELEVATION OF -1.0' NAVD88.
2.) TIDAL CREEK SIDE SLOPES SHOWN ARE 4H:1V.
3.) ALL ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 (GEIOD 12B).
1.) CELL C TIDAL CREEK BOTTOM WIDTH SHOWN IS 30' WIDE, AT AN ELEVATION OF -1.0' NAVD88.
2.) TIDAL CREEK SIDE SLOPES SHOWN ARE 4H:1V.
3.) ALL ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 (GEIOD 12B).

PRE-CONSTRUCTION SURVEY (09/21/2020)
POST-CONSTRUCTION SURVEY (11/13/2020)

SHEET: 31 OF 54
PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 212 JACOBS RUN, SCOTT, LA 70583
MARSH BUGGIES INC.
GOOSE POINT/POINT PLATTE & BAYOU BONFOUCA
MARSH CREATION MAINTENANCE PROJECT
CELL C – TIDAL CREEK CROSS-SECTION VIEWS
ST. TAMMANY PARISH, LA
1.) GAP INSTALLATION BOTTOM WIDTH SHOWN IS 50' WIDE, AT AN ELEVATION OF -1.0' NAVD88.

2.) GAP INSTALLATION SIDE SLOPES SHOWN ARE 3H:1V.

3.) ALL ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 (GEOID 12B).
## Goose Point/Point Platte - Cell D - Tidal Creek Alignment Report

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<th>PI Station</th>
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<th>Chord Bearing</th>
<th>Chord Distance</th>
<th>Radius</th>
<th>Curve Direction</th>
<th>Curve Length</th>
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<tbody>
<tr>
<td>0+00.00</td>
<td>640922.0000'</td>
<td>3,729,940.7000'</td>
<td>24.84'</td>
<td>N82° 23' 19&quot; E</td>
<td>0.197'</td>
<td>200.000'</td>
<td>RIGHT</td>
<td>0.007'</td>
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<tr>
<td>P.C. 0+24.79</td>
<td>640924.5940'</td>
<td>3,729,965.2820'</td>
<td>11.38'</td>
<td>N82° 24' 09.1418&quot; E</td>
<td>51.195'</td>
<td>40.143'</td>
<td>LEFT</td>
<td>55.514'</td>
<td></td>
</tr>
<tr>
<td>P.T. 0+24.89</td>
<td>640924.6060'</td>
<td>3,729,965.3780'</td>
<td>11.38'</td>
<td>N82° 24' 59&quot; E</td>
<td>51.195'</td>
<td>40.143'</td>
<td>LEFT</td>
<td>55.514'</td>
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<tr>
<td>P.C. 0+36.27</td>
<td>640963.6810'</td>
<td>3,730,011.4320'</td>
<td>55.514'</td>
<td>N0° 00' 00.0000&quot; E</td>
<td>40.391'</td>
<td>365.545'</td>
<td>LEFT</td>
<td>40.411'</td>
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<tr>
<td>P.C.C. 1+22.19</td>
<td>641004.0720'</td>
<td>3,730,011.4320'</td>
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<td>N0° 00' 00.0000&quot; E</td>
<td>114.371'</td>
<td>63.242'</td>
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<td>P.C.C. 2+75.07</td>
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<td>3,730,111.9930'</td>
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<td>S64° 15' 55.9373&quot; E</td>
<td>126.944'</td>
<td>356.956'</td>
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<td>127.707'</td>
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<td>P.C.C. 4+82.77</td>
<td>641094.0720'</td>
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<td>S73° 35' 07.8979&quot; E</td>
<td>232.065'</td>
<td>362.542'</td>
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<tr>
<td>6+34.04</td>
<td>640947.6200'</td>
<td>3,730,451.7100'</td>
<td>232.065'</td>
<td>S73° 35' 07.8979&quot; E</td>
<td>232.065'</td>
<td>362.542'</td>
<td>LEFT</td>
<td>232.065'</td>
<td></td>
</tr>
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CELL D - TIDAL CREEK PROFILE VIEW

CELL D - TIDAL CREEK PROFILE VIEW (1)
1.) CELL D TIDAL CREEK BOTTOM WIDTH SHOWN IS 15' WIDE, AT AN ELEVATION OF -1.0' NAVD88.
2.) TIDAL CREEK SIDE SLOPES SHOWN ARE 4H:1V.
3.) ALL ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 (GEOID 12B).
1.) CELL D TIDAL CREEK BOTTOM WIDTH SHOWN IS 15' WIDE, AT AN ELEVATION OF -1.0' NAVD88.
2.) TIDAL CREEK SIDE SLOPES SHOWN ARE 4H:1V.
3.) ALL ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 (Geoid 12B).

PRE-CONSTRUCTION SURVEY (09/21/2020)
POST-CONSTRUCTION SURVEY (11/13/2020)
TIDAL CREEK ALIGNMENT
1.) GAP INSTALLATION BOTTOM WIDTH SHOWN IS 50` WIDE, AT AN ELEVATION OF -1.0` NAVD88.
2.) GAP INSTALLATION SIDE SLOPES SHOWN ARE 3H:1V.
3.) ALL ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 (GEIOD 12B).

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC.  - 212 JACOBS RUN, SCOTT, LA  70583

MARSH BUGGIES INC.
POST-CONSTRUCTION SURVEY
GOOSE POINT/POINT PLATTE & BAYOU BONFOUCOUS
MARSH CREATION MAINTENANCE PROJECT
CELL D – GAP INSTALLATION PROFILE VIEWS
ST. TAMMANY PARISH, LA

CELL D - GAP INSTALLATION PROFILE VIEW

CELL D - GAP INSTALLATION CROSS-SECTION VIEW
### Cell E - Tidal Creek Alignment Report

<table>
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<tr>
<td>3+96.71</td>
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<td>3,732,056.2100'</td>
<td>29.71'</td>
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<td>643,062.2150'</td>
<td>3,732,073.7800'</td>
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<td>4+67.30</td>
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<td>3,732,099.8750'</td>
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<td>3,732,157.2200'</td>
<td>39.09'</td>
<td>S69° 47' 09&quot;E</td>
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### Cell E - Tidal Creek Alignment Report

<table>
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<tr>
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<th>Northing</th>
<th>Easting</th>
<th>Distance</th>
<th>Direction</th>
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<td>3,732,181.6150'</td>
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<td>0+67.03</td>
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<td>3,732,210.1180'</td>
<td>44.71'</td>
<td>S52° 07' 29&quot;E</td>
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<tr>
<td>0+91.74</td>
<td>642,887.9940'</td>
<td>3,732,232.6710'</td>
<td>13.78'</td>
<td>S59° 40' 54&quot;E</td>
</tr>
<tr>
<td>0+17.82</td>
<td>642,883.1280'</td>
<td>3,732,257.8460'</td>
<td>12.34'</td>
<td>S64° 20' 25&quot;E</td>
</tr>
<tr>
<td>0+19.86</td>
<td>642,882.9110'</td>
<td>3,732,280.2660'</td>
<td>13.34'</td>
<td>S68° 05' 33&quot;E</td>
</tr>
<tr>
<td>0+23.40</td>
<td>642,884.5180'</td>
<td>3,732,293.6870'</td>
<td>26.85'</td>
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<tr>
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<td>S76° 30' 04&quot;E</td>
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<td>3,732,386.3610'</td>
<td>3.79'</td>
<td>S10° 10' 16&quot;E</td>
</tr>
</tbody>
</table>

---

**Cell E - Tidal Creek – Alignment Report**

**ST. TAMMANY PARISH, LA**

**Prepared by:** HYDROTERRA TECHNOLOGIES, LLC., 212 JACOBS RUN, SCOTT, LA 70583

**Surveyed by** MARSH BUGGIES INC.

**Date:** 01/27/2021

**Survey:** GOOSE POINT/POINT PLATTE & BAYOU BONFOUCA MARSH CREATION MAINTENANCE PROJECT

**Prepared by:** HYDROTERRA TECHNOLOGIES, LLC., 212 JACOBS RUN, SCOTT, LA 70583

**Surveyed by** MARSH BUGGIES INC.

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**Prepared by:** HYDROTERRA TECHNOLOGIES, LLC., 212 JACOBS RUN, SCOTT, LA 70583

**Surveyed by** MARSH BUGGIES INC.

**Date:** 01/27/2021

**Survey:** GOOSE POINT/POINT PLATTE & BAYOU BONFOUCA MARSH CREATION MAINTENANCE PROJECT
CELL E - TIDAL CREEK PROFILE VIEW

CELL E - TIDAL CREEK PROFILE VIEW (1)

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 212 JACOBS RUN, SCOTT, LA 70583

MARSH BUGGIES INC.
POST-CONSTRUCTION SURVEY
GOOSE POINT/POINT PLATTE & BAYOU BONFOUCA
MARSH CREATION MAINTENANCE PROJECT

CELL E - TIDAL CREEK PROFILE VIEW
ST. TAMMANY PARISH, LA

PRE-CONSTRUCTION SURVEY
(09/11/2020)

POST-CONSTRUCTION SURVEY
(11/12/2020)

SURVEYED CROSS-SECTIONS

LEGEND

HORIZONTAL SCALE

VERTICAL SCALE

REVISED BY: KEITH J. ROBERTS
DATE: 01/27/2021

JOB#: 2201082
FAC: Cells C-E & Areas 1-6 AG-MBT Survey (01-04-21).dgn

SHEET: 41 OF 54

REG. No. 4780
REGISTERED PROFESSIONAL
1.) TIDAL CREEK BOTTOM WIDTH SHOWN IS 50’ WIDE, AT AN ELEVATION OF -1.0’ NAVD88.
2.) TIDAL CREEK SIDE SLOPES SHOWN ARE 4H:1V.
3.) ALL ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 (GEIOD 12B).
1.) TIDAL CREEK BOTTOM WIDTH SHOWN IS 50' WIDE, AT AN ELEVATION OF -1.0' NAVD88.
2.) TIDAL CREEK SIDE SLOPES SHOWN ARE 4H:1V.
3.) ALL ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 (GEIOD 12B).

PRE-CONSTRUCTION SURVEY
(09/21/2020)

TEMPLATE

POST-CONSTRUCTION SURVEY
(11/12/2020)

TIDAL CREEK ALIGNMENT

HORIZONTAL SCALE
40' 0' 20' 60'

VERTICAL SCALE
10' 0' 10'
CELL E - GAP INSTALLATION 1 PROFILE VIEW

1.) GAP INSTALLATION BOTTOM WIDTH SHOWN IS 50' WIDE, AT AN ELEVATION OF -1.0' NAVD88.
2.) GAP INSTALLATION SIDE SLOPES SHOWN ARE 3H:1V.
3.) ALL ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 (GEIOD 12B).

CELL E - GAP INSTALLATION 1 CROSS-SECTION VIEW

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC.  - 212 JACOBS RUN, SCOTT, LA  70583

MARSH BUGGIES INC.
POST-CONSTRUCTION SURVEY
GOOSE POINT/POINT PLATTE & BAYOU BONFOUCA
MARSH CREATION MAINTENANCE PROJECT
CELL E – GAP INSTALLATION 1 PROFILE VIEWS
ST. TAMMANY PARISH, LA

REGISTERED PROFESSIONAL KEITH J. ROBERTS
REG. No. 4780
01/27/21

POST-CONSTRUCTION SURVEY
(11/12/2020)

PRE-CONSTRUCTION SURVEY
(09/21/2020)

TEMPLATES

HORIZONTAL SCALE

VERTICAL SCALE

DATE: 01/27/2021
JOB# 2201002
FAC: Cells C-E & Areas 1-6 AG-BHVT Survey (01-04-21).wpg

SHEET: 24 OF 54
1.) GAP INSTALLATION BOTTOM WIDTH SHOWN IS 50' WIDE, AT AN ELEVATION OF -1.0' NAVD88.

2.) GAP INSTALLATION SIDE SLOPES SHOWN ARE 3H:1V.

3.) ALL ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 (GEIOD 12B).
# Bayou Bonfouca Area 1 - Tidal Creek Alignment Report

<table>
<thead>
<tr>
<th>PI Station</th>
<th>Northing</th>
<th>Easting</th>
<th>Distance</th>
<th>Direction</th>
<th>Chord Bearing</th>
<th>Chord Distance</th>
<th>Radius</th>
<th>Curve Direction</th>
<th>Curve Length</th>
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<td>636,075.6500'</td>
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<td>P.C. 0+71.30</td>
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<td>38.681'</td>
<td>50.000'</td>
<td>RIGHT</td>
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<td>N55° 25' 41&quot; E</td>
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<tr>
<td>1+62.97</td>
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<td>3,748,143.1300'</td>
<td>108.81'</td>
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<td>2+71.78</td>
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<td>N28° 12' 16&quot; W</td>
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<tr>
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<td>636,578.4000'</td>
<td>3,748,201.9000'</td>
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</tr>
</tbody>
</table>
1.) TIDAL CREEK BOTTOM WIDTH SHOWN IS 50' WIDE, AT AN ELEVATION OF -1.0' NAVD88.
2.) TIDAL CREEK SIDE SLOPES SHOWN ARE 4H:1V.
3.) ALL ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 (GEIOD 12B).
1.) TIDAL CREEK BOTTOM WIDTH SHOWN IS 50' WIDE, AT AN ELEVATION OF -1.0' NAVD88.
2.) TIDAL CREEK SIDE SLOPES SHOWN ARE 4H:1V.
3.) ALL ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 (GEIOD 12B).
1.) GAP INSTALLATION BOTTOM WIDTH SHOWN IS 50' WIDE, AT AN ELEVATION OF -1' NAVD88.
2.) GAP INSTALLATION SIDE SLOPES SHOWN ARE 3H:1V.
3.) ALL ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 (GEIOD 12B).
AREA 1 - GAP 2
STATION=0+00
X=3,746,132.06
Y=639,424.76

0' = 100'

1" = 100'

LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM
DERIVED VIA GPS KINEMATIC OBSERVATIONS

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 212 JACOBS RUN, SCOTT, LA  70583

S T A T I O N

O R G. No. 4780
REGISTERED PROFESSIONAL
KEITH J. ROBERTS

MARSH BUGGIES INC.
POST-CONSTRUCTION SURVEY
GOOSE POINT/POINT PLATTE & BAYOU BONFOUCA
MARSH CREATION MAINTENANCE PROJECT
ST. TAMMANT PARISH, LA

REVISED BY
DATE

HORIZONTAL SCALE
1" = 100'

100'
50'
0'

1" = 100'
1.) GAP INSTALLATION BOTTOM WIDTH SHOWN IS 50' WIDE, AT AN ELEVATION OF -1.0' NAVD88.
2.) GAP INSTALLATION SIDE SLOPES SHOWN ARE 3H:1V.
3.) ALL ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 (GEIOD 12B).
MARSH BUGGIES INC.
POST-CONSTRUCTION SURVEY
GOOSE POINT/POINT PLATTE & BAYOU BONFOUCA
MARSH CREATION MAINTENANCE PROJECT
BAYOU BONFOUCA AREA 2 - SURVEY PLAN VIEW
ST. TAMMANT PARISH, LA

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 212 JACOBS RUN, SCOTT, LA 70583
SERIAL NO. 4780
REGISTERED PROFESSIONAL ENGINEER
KEITH J. ROBERTS

TIDAL CREEK ALIGNMENTS
GAP INSTALLATION TRANSCECTS
SURVEYED CROSS-SECTIONS

LEGEND

HORIZONTAL SCALE
1" = 120'
0' 60' 120' 180' 240'
### Bayou Bonfouca Area 2 - Tidal Creek 1 Alignment Report

<table>
<thead>
<tr>
<th>PI Station</th>
<th>Northing</th>
<th>Easting</th>
<th>Distance</th>
<th>Direction</th>
</tr>
</thead>
<tbody>
<tr>
<td>0+00.00</td>
<td>643,777.0790'</td>
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<td>46.97'</td>
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<td>3,749,100.1370'</td>
<td>277.26'</td>
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### Bayou Bonfouca Area 2 - Tidal Creek 1 Alignment Report

<table>
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<th>PI Station</th>
<th>Northing</th>
<th>Easting</th>
<th>Distance</th>
<th>Direction</th>
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<tr>
<td>12+21.27</td>
<td>643,442.9650'</td>
<td>3,749,026.2620'</td>
<td>46.98'</td>
<td>S70° 37' 30&quot;W</td>
</tr>
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<td>13+03.21</td>
<td>643,427.3410'</td>
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<td>3,749,915.2431'</td>
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<td>S43° 51' 32&quot;E</td>
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<td>3,749,864.7283'</td>
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<td>N22° 49' 07&quot;E</td>
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<tr>
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<td>3,749,888.1578'</td>
<td>62.67'</td>
<td>S10° 58' 39&quot;E</td>
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<td>67.25'</td>
<td>S24° 27' 44&quot;E</td>
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<tr>
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<td>643,156.5050'</td>
<td>3,749,063.0745'</td>
<td>33.19'</td>
<td>S31° 20' 25&quot;E</td>
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<tr>
<td>16+70.81</td>
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<td>3,749,087.1161'</td>
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<td>17+14.46</td>
<td>643,094.0890'</td>
<td>3,749,100.1370'</td>
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<td>17+98.61</td>
<td>643,049.7566'</td>
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<td>3,749,072.1400'</td>
<td>42.66'</td>
<td>N27° 24' 23&quot;W</td>
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</tbody>
</table>
1.) Tidal Creek template from Station 0+00 to 12+00 has a bottom width of 50' wide, at an elevation of -1.0'; an additional 15' wide top at an elevation of -1.0', and a 3' wide bottom at an elevation of -4.0'.

Tidal Creek template from Station 12+00 to 17+93 has a 15' wide top cut and a 3' wide bottom at an elevation of -4.0'.

2.) Tidal creek side slopes vary.

3.) All elevations shown are referenced to NAVD88 (Geoid 12B).
1.) Tidal Creek template from Station 0+00 to 12+00 has a bottom width of 50' wide, at an elevation of -1.0'; an additional 15' wide top at an elevation of -1.0'; and a 3' wide bottom at an elevation of -4.0'. Tidal Creek template from Station 12+00 to 17+93 has a 15' wide top cut and a 3' wide bottom at an elevation of -4.0'.

2.) Tidal creek side slopes vary.

3.) All elevations shown are referenced to NAVD88 (Geoid 12B).

PRE-CONSTRUCTION SURVEY (09/09/2020)

TEMPATE

POST-CONSTRUCTION SURVEY (11/12/2020)

TIDAL CREEK ALIGNMENT

MARSH BUGGIES INC.
POST-CONSTRUCTION SURVEY
GOOSE POINT/POINT PLATTE & BAYOU BONFOUCA
MARSH CREATION MAINTENANCE PROJECT

AREA 2 – TIDAL CREEK 1 CROSS-SECTION VIEWS
ST. TAMMANT PARISH, LA

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 212 JACOBS RUN, SCOTT, LA 70583

DATE: 01/27/2021
JOB# 2201082
FAC: Cell C-1 & Areas 1-4 AG-MUVT Survey (01-04-21).jpg

SHEET: 39 OF 84
1.) Tidal Creek template from Station 0+00 to 12+00 has a bottom width of 50' wide, at an elevation of -1.0'; an additional 15' wide top at an elevation of -1.0', and a 3' wide bottom at an elevation of -4.0'.
   Tidal Creek template from Station 12+00 to 17+93 has a 15' wide top cut and a 3' wide bottom at an elevation of -4.0'.
2.) Tidal creek side slopes vary.
3.) All elevations shown are referenced to NAVD88 (Geiod 12B).
1. Tidal Creek template from Station 0+00 to 12+00 has a bottom width of 30' wide, at an elevation of -1.0'; an additional 10' wide top at an elevation of -1.0'; and a 3' wide bottom at an elevation of -4.0'.

2. Tidal Creek template from Station 12+00 to 17+93 has a 15' wide top cut and a 3' wide bottom at an elevation of -4.0'.

3. Tidal creek side slopes vary.

4. All elevations shown are referenced to NAVD88 (Geoid 12B).
1.) GAP INSTALLATION BOTTOM WIDTH SHOWN IS 50' WIDE, AT AN ELEVATION OF -1.0' NAVD88 (*REVISED AS PER NOTES ON CROSS-SECTION VIEWS OF TIDAL CREEK*).

2.) GAP INSTALLATION SIDE SLOPES SHOWN ARE 3H:1V.

3.) ALL ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 (GEIOD 12B).
Bayou Bonfouca Area 2 - Tidal Creek 2 Alignment Report

<table>
<thead>
<tr>
<th>PI Station</th>
<th>Northing</th>
<th>Easting</th>
<th>Distance</th>
<th>Direction</th>
</tr>
</thead>
<tbody>
<tr>
<td>0+00</td>
<td>642,575.00</td>
<td>3,749,029.68</td>
<td>225.19'</td>
<td>S16° 00' 48&quot;E</td>
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<td>3,749,091.80</td>
<td>225.19'</td>
<td>S16° 00' 48&quot;E</td>
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**AREA 2 - GAP 3**

**CROSS-SECTION**

**PROFILE**

**AREA 2 - GAP 3 CROSS-SECTION**

**AREA 2 - GAP 3 PROFILE**

**AREA 2 - GAP 4**

**CROSS-SECTION**

**PROFILE**

**AREA 2 - GAP 4 CROSS-SECTION**

**AREA 2 - GAP 4 PROFILE**

**BAYOU BONFOUCA, AREA 2 - TIDAL CREEK 2**

**LETHAL SCALE**

**HORIZONTAL SCALE**

**PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 212 JACOBS RUN, SCOTT, LA 70583**

**SHEET: 03 OF 64**
1.) TIDAL CREEK TEMPLATE HAS A 15' WIDE TOP CUT, AND A 9' WIDE BOTTOM AT AN ELEVATION OF -4.0' NAVD88.

2.) TIDAL CREEK SIDE SLOPES VARY.

3.) ALL ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 (GEIOD 12B).
1.) GAP INSTALLATION BOTTOM WIDTH SHOWN IS 50' WIDE, AT AN ELEVATION OF -1.0' NAVD88 ("REVISED AS PER NOTES ON CROSS-SECTION VIEWS OF TIDAL CREEK").

2.) GAP INSTALLATION SIDE SLOPES SHOWN ARE 3H:1V.

3.) ALL ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 (GEOID 12B).
<table>
<thead>
<tr>
<th>PI Station</th>
<th>Northing</th>
<th>Easting</th>
<th>Distance</th>
<th>Direction</th>
<th>Chord Bearing</th>
<th>Chord Distance</th>
<th>Radius</th>
<th>Curve Direction</th>
<th>Curve Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>0+00.00</td>
<td>641,561.4200'</td>
<td>3,749,590.4400'</td>
<td>37.01'</td>
<td>N27° 10' 02&quot;W</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P.C. 0+37.01</td>
<td>641,594.3500'</td>
<td>3,749,575.5600'</td>
<td></td>
<td></td>
<td>N 49° 23' 12.8334&quot;W</td>
<td>168.588'</td>
<td>200.355'</td>
<td>LEFT</td>
<td>174.069'</td>
</tr>
<tr>
<td>P.C. 2+11.02</td>
<td>641,704.0920'</td>
<td>3,749,445.6010'</td>
<td></td>
<td></td>
<td>N 76° 39' 56.3917&quot;W</td>
<td>349.775'</td>
<td>4180.479'</td>
<td>LEFT</td>
<td>349.877'</td>
</tr>
<tr>
<td>P.C. 5+60.90</td>
<td>641,784.7620'</td>
<td>3,749,103.2500'</td>
<td></td>
<td></td>
<td>N 45° 19' 03.8909&quot;W</td>
<td>148.825'</td>
<td>133.957'</td>
<td>RIGHT</td>
<td>157.787'</td>
</tr>
<tr>
<td>7+18.68</td>
<td>641,869.4100'</td>
<td>3,748,999.4400'</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
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1.) GAP INSTALLATION BOTTOM WIDTH SHOWN IS 50' WIDE, AT AN ELEVATION OF -1.0' NAVD88 (*REVISED AS PER NOTES ON CROSS-SECTION VIEWS OF TIDAL CREEK*).
2.) GAP INSTALLATION SIDE SLOPES SHOWN ARE 3H:1V.
3.) ALL ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 (GEIOD 12B).

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC.  - 212 JACOBS RUN, SCOTT, LA  70583

MARSH BUGGIES INC.
POST-CONSTRUCTION SURVEY
GOOSE POINT/POINT PLATTE & BAYOU BONFOUCA
MARSH CREATION MAINTENANCE PROJECT
AREA 2 – GAP INSTALLATION 5 & 6 PROFILE VIEWS
ST. TAMMANY PARISH, LA

SHEET: 72 OF 84
AREA 2 - GAP 7
STATION=-0+00
X=3,746,397.40
Y=643,059.52

60' 0' 30' 60'

1" = 60'

LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM
DERIVED VIA GPS KINEMATIC OBSERVATIONS

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC.  - 212 JACOBS RUN, SCOTT, LA  70583

S T A T I O N

LOUI S I A N A N D S U R V E Y O R

REG. No. 4780
REGISTERED PROFESSIONAL
KEITH J. ROBERTS

TIDAL CREEK ALIGNMENTS
GAP INSTALLATION TRANSECTS
SURVEYED CROSS-SECTIONS

HORIZONTAL SCALE
1" = 60'

MARSH BUGGIES INC.
POST-CONSTRUCTION SURVEY
GOOSE POINT/POINT PLATTE & BAYOU BONFOUCA MARSH CREATION MAINTENANCE PROJECT
BAYOU BONFOUCA AREA 2 – SURVEY PLAN VIEW
ST. TAMMANT PARISH, LA

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC.  - 212 JACOBS RUN, SCOTT, LA  70583

DATE: 01/27/2021  JOB#: 2201082
FILE: Coke C-e & Areas 1-4 AG-WLBI Survey (01-04-21).dgn
1.) GAP INSTALLATION BOTTOM WIDTH SHOWN IS 50' WIDE, AT AN ELEVATION OF -1.0' NAVD88.
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3.) ALL ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 (GEIOD 12B).

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 212 JACOBS RUN, SCOTT, LA 70583

MARSH BUGGIES INC.
POST-CONSTRUCTION SURVEY
GOOSE POINT/POINT PLATTE & BAYOU BONFOUCA
MARSH CREATION MAINTENANCE PROJECT

AREA 2 - GAP INSTALLATION 7 PROFILE VIEW

AREA 2 - GAP INSTALLATION 7 CROSS-SECTION VIEW
MARSH BUGGIES INC.
POST-CONSTRUCTION SURVEY
GOOSE POINT/POINT PLATTE & BAYOU BONFOUCA
MARSH CREATION MAINTENANCE PROJECT
BAYOU BONFOUCA - AREA 2 NORTH POND SURVEY TRANSCECTIONS
ST. TAMMANY PARISH, LA

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC.
- 212 JACOBS RUN, SCOTT, LA 70583

KEITH J. ROBERTS
01/27/21

REG. No. 4780
REGISTERED PROFESSIONAL ENGINEER

DATE: 01/27/2021
JOB #: 2201802
FAC: Bayou Bonfouca - Area 2 - North & South Pond Air-Bag Survey.docx
SHEET: 76 OF 84
1.) GAP INSTALLATION BOTTOM WIDTH SHOWN IS 50' WIDE, AT AN ELEVATION OF -1.0' NAVD88.
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PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC  - 212 JACOBS RUN, SCOTT, LA  70583

MARSH BUGGIES INC.
POST-CONSTRUCTION SURVEY
GOOSE POINT/POINT PLATTE & BAYOU BONFOUCA
MARSH CREATION MAINTENANCE PROJECT
AREA 3 – GAP INSTALLATION PROFILE VIEWS
ST. TAMMANY PARISH, LA

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC, - 212 JACOBS RUN, SCOTT, LA  70583
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