



# Exhibit EE. Martial Farms Wetlands Delineation Report











## **Routine Wetland Delineation Report**

## Martial Farms Wetland Delineation Report

#### Lafayette Parish, LA

#### **March 2021**

	Table of Contents	
1.0	INTRODUCTION	
2.0	METHODOLOGY	. 2
3.0	FINDINGS	
3.		
3.	2 VEGETATION	. 3
3.	3 SOILS	. 4
4.0	SUMMARY AND CONCLUSIONS	.4
4.	1 Data Summary	. 4
4.	.2 Conclusion	. 5
5.0	REFERENCES	.5
6.0	DEFINITIONS	. 6
APP	ENDICES	
AP	PPENDIX A – DATA SHEETS	
AP	PPENDIX B - PHOTOGRAPHS	
ΛD	DENDLY C - MADS	





Prepared By:

#### 1.0 INTRODUCTION

A routine wetland delineation was conducted by Blue Ox Enterprises, LLC (Blue Ox) on February 4<sup>th</sup>, 2021 at the approximate 32.8 acre Martial Farm tract, in Broussard, LA (Site). The purpose of the wetland delineation was to determine the presence/absence of wetlands at the Site. The Site is situated on a tract that is in active agricultural use for sugar cane production. There is a small fallow portion on the northwestern portion of the tract that is not in active agriculture production. Based on the data collected, it is Blue Ox's professional opinion that no jurisdictional wetlands or non-wetland waters exist on the Site.

The Site is located in Section 35, T10S-E05E & Section 2, T11S-R05E. Geographically, the Site is located 2 miles southeast from Broussard, in Lafayette Parish. The location of the Site is illustrated on the maps in **Appendix C**.

#### 2.0 METHODOLOGY

A review of the project site was conducted with the following tools to identify potential wetland indicators according to the 1987 Wetland Delineation Manual and Regional Supplement:

- USGS 7.5-minute topographic quadrangle maps,
- National Wetlands Inventory Maps
- Classification of Wetlands and Deepwater Habitats of the United States (Cowardin et al. 1979);
- The PLANTS Database (USDA / NRCS);
- U.S. Department of Agriculture (USDA), Natural Resource Conservation Service (NRCS) Web Soil Survey
- USGS National Hydrography Dataset (NHD);
- Remote Sensing Aerial Photography including National Agricultural Imagery Program (NAIP) natural color and color infrared aerial photography;
- FEMA Floodplain Maps

Data sources were utilized as appropriate, findings were summarized, and a preliminary evaluation was conducted to determine potential existence of wetland indicators in the project area. After considering the preliminary data, a routine delineation method level was selected.

Per the 1987 Wetland Delineation Manual, the complexity of the project area and the quality and quantity of available information will be the influences governing the Routine Wetland Delineation Level. The three levels are as follows:

- <u>Level 1</u> An onsite inspection is unnecessary because existing information is sufficient for making a determination for the entire project area.
- <u>Level 2</u> An onsite inspection is necessary because insufficient information is available to characterize the vegetation, soils, and hydrology of the entire project area.
- <u>Level 3</u> An onsite inspection is necessary because sufficient information is available for a portion, but not all, of the project area.

This routine wetland delineation is a Level 2 Delineation. The delineators evaluated the three technical criteria: vegetation, hydrology, and soils in accordance with the 1987 U.S. Army Corps of Engineers (COE) Wetlands Delineation Manual, and the Gulf Coastal Plain Regional Supplement to the 1987 manual. All three criteria must be present in order to be a potentially jurisdictional wetland. The absence of any of these criteria could exclude an area from being a wetland under the jurisdiction of the Corps of Engineers. As per the 1987 U.S. Army Corps of Engineers (COE) Wetlands Delineation Manual, and the Gulf Coastal Plain Regional Supplement to the 1987 manual, the methodology for the delineation of the Site.



Prepared By:

#### 3.0 FINDINGS

A total of four Sample Plots, along with three Observation Points were documented on the Site. The Sample Plot locations were selected based on visual observations of changes in vegetation and/or topography. Recorded data forms are presented in **Appendix A**. Photographs are presented in **Appendix B**. The photographs illustrate typical conditions that were observed at the plots and various locations. Locations of the sample plots relative to the Site can be referenced in **Appendix C**.

#### 3.1 Hydrology

#### 3.1.1 General Site Characteristics

The Site exists on a gently sloping landform. Generally, slopes range from 0-4%. Surface saturation or inundation was not observed on referenced infrared images. The site is in active sugar cane production with several farm roads that traverse through the site. There is a small area approximately 1.8 acres in size in northwestern portion of the site that is out of production and contains historical evidence of land farming practices. A vegetated drain was observed within the Site. The feature appears to be man-made field drain with no observed connections to potentially jurisdictional wetlands or waters. See Aerial and Soil Map in **Appendix C** for location.

#### 3.1.2 Sample Plot Data

Sample Plots did not meet the criteria for the presence of wetland hydrology. The wetland hydrology indicators, remarks, and determinations can be reviewed in detail on the data sheets located in **Appendix A**.

#### 3.2 Vegetation

#### 3.2.1 General Site Characteristics

The site consisted of primarily of sugar cane production. The small fallow area out of agricultural production contained primarily herbaceous with some scrub-shrub communities. Since the Site is currently under agriculture use, the vegetation was primarily comprised of sugar cane with some herbaceous species in uncultivated areas.

#### 3.2.2 Sample Plot Data

Only Sample Plot 1 met the criteria for presence of wetland vegetation. The vegetation for all Sample Plots is noted in **Appendix A**. Dominance/Prevalence calculations, vegetation, criteria determination can be referenced in the corresponding data sheets. Photos can be found in **Appendix B**.

#### 3.3 Soils

#### 3.3.1 General Site Characteristics

According to the Lafayette Parish Soil Survey, the Site contains the following NRCS mapped soil types (Appendix C):

Map Symbol	Soil Name	Hydric Rating
СоВ	Coteau silt loam, 0 to 1 percent slopes	10% hydric
MbC	Memphis silt loam, 1 to 5 percent slopes	0% hydric
MbA	Memphis silt loam, 0 to 1 percent slopes	5% hydric
FrA	Frost silt loam, 0 to 1 percent slopes, occasionally flooded	90% hydric

The site is located within the above listed NRCS-mapped soil units, the Site is comprised predominately of non-hydric soils according to the hydric ratings.

#### 3.3.2 Sample Plot Data

There were no Sample Plots recorded that met the criteria for the presence of hydric soil for a wetland. Soil characteristics associated with each plot can be found in the corresponding data sheets located in **Appendix A**.

#### 4.0 SUMMARY AND CONCLUSIONS

#### 4.1 Data Summary

Sample Plots did not meet all three technical criteria of a wetland. The following table illustrates the results of the sample plot data:

Data Plot	Hydrology	Vegetation	Soils
Plot 1	N	Υ	N
Plot 2	N	N	N
Plot 3	N	N	N
Plot 5	N	N	N



#### 4.2 Conclusion

Based on the data collected, it is Blue Ox's professional opinion that <u>no</u> jurisdictional wetlands or non-wetland waters exist on the Site. The Site is illustrated in the maps of **Appendix C** and represented by the wetland determination forms of **Appendix A**.

The limits of the Site were not staked at the time of the delineation. It is recommended that any mechanized land clearing, or redistribution of earthen material outside the limits of the area depicted in this report, the Site may require additional data collection and determinations. Mechanized land clearing, tracking, soil disturbance or other temporary or permanent fill within wetlands or other waters would require a USACE permit.

A jurisdictional wetland determination can only be made by the U.S. Corps of Engineers (USACE). Consultants such as Blue Ox can perform wetland delineations, and submit data collected in the prescribed manner to the USACE along with recommendations; however, it is the USACE that makes the final determination. The New Orleans District of the USACE has jurisdiction in the area of this site.

#### 5.0 REFERENCES

Corps of Engineers Wetlands Delineation Manual. 1987. Technical Report Y-87-1.

National List of Vascular Plants Species that Occur in Wetlands. Prepared by Ecology Section, National Wetlands Inventory, U.S. Fish and Wildlife Service.

U.S. Department of Agriculture, Natural Resources Conservation Service. 1998. Field Indicators of Hydric Soils in the United States, version 6.0. G.W. Hurt, Whited, P.M., and Pringle, R.F. (eds.). USDA, NRCS, Fort Worth, TX.

Soil Mapping Units and Hydric Soils Designations Louisiana. May 1995. Third Edition

U.S. Army Corps of Engineers. October 2008. Interim Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coastal Plain Region. Final Report



#### 6.0 **DEFINITIONS**

Term	Definition
Aerobic	A situation in which molecular oxygen is a part of the environment.
Anaerobic	A situation in which molecular oxygen is absent (or effectively so) from the environment
Atypical situation	As used herein, this term refers to areas in which one or more parameters (vegetation, soil, and/or hydrology) have been sufficiently altered by recent human activities or natural events to preclude the presence of wetland indicators of the parameter.
Dominance Test	This evaluation test ranks plant species that immediately exceed 50% of the total dominance measure for a vegetation stratum, plus any additional species comprising 20% or more of the total dominance measure for that stratum. As part of the vegetation criteria, species dominance is evaluated using the "50/20 rule."
Growing season	The portion of the year when soil temperatures at 19.7 in. below the soil surface are higher than biologic zero (5 (C) (U.S. Department of Agriculture & Soil Conservation Service 1985). For ease of determination this period can be approximated by the number of frost-free days (U.S Department of the Interior 1970).
Hydric Soils	Hydric soils are defined as soils that are formed under conditions of saturation, flooding, or ponding long enough during the growing season to develop anaerobic conditions in the upper part (Federal Register, July 13, 1994). Almost all hydric soils exhibit characteristic morphologies that are a result of repeated periods of saturation and/or inundation for more than a few days at a time. Saturation and inundation causes a depletion of oxygen in the soil when combined with anaerobic microbial activity in the soil. This anaerobiosis process results in characteristic morphologies such as the reduction, translocation, and/or the accumulation of iron. This process forms features in the soil that are called redoximorphic features that are particularly useful for identifying hydric soils.  The soil investigation criterion requires the use of a soil probe or a pit excavated to a 16-inch depth in order to investigate for hydric indicators. These indicators typically include, but are not limited to:  • gleyed or low-chroma colors (redoximorphic features)
	<ul> <li>mottles (redoximorphic features)</li> <li>listed on the local hydric soils list</li> <li>listed on the national hydric soils list</li> <li>concretions (redoximorphic features).</li> </ul>
Hydrophytic Species	Hydrophytic species, due to morphological, physiological, and/or reproductive adaptation(s), have the ability to grow, effectively compete, reproduce, and/or persist in anaerobic soil conditions.



Towns	Definition						
Term	Definition						
Hydrophytic Vegetation	consist of macrophytes the conditions unique to wetland characterized by the dominant plant species are than other species present, or parameters. The two moand percent areal cover (I	at are typends (e.g. renant species those that as estimate st common therbs). Definition of the st common therbs are stated are	dered hydrophytic (wet), the prevalent vegetation must bically adapted to areas having hydrologic and soil must be hyrdophytic species). Prevalent vegetation is es comprising the plant community or communities. contribute more to the character of a plant community ed or measured in terms of some ecological parameter ply used estimates of dominance are basal area (trees) turing a routine wetland delineation, the rapid test, or are predominantly used to determine if hydrophtic				
Macrophytes	Macrophytes are any plant material that can be seen without the aid of magnification.						
Plant Indicator Status Categories	subsequently modified by t subdivided by (+) and (-) mo	he Nationa difiers.	efined by the USFWS National Wetlands Inventory and Il Plant List Panel. The three facultative categories are				
	Indicator Category	Indicator Symbol	Definition				
	Obligate Wetland Plants	(OBL)	Plants that occur almost always (estimated probability >99%) in wetlands under natural conditions, but which may also occur rarely (estimated probability <1%) in non-wetlands.				
	Facultative Wetland Plants	(FACW)	Plants that occur usually (estimated probability >67% to 99%) in wetlands, but also occur (estimated probability 1% to 33%) in non-wetlands.				
	Facultative Plants	(FAC)	Plants with a similar likelihood (estimated probability 33% to 67%) of occurring in both wetlands and nonwetlands.				
	Facultative Upland Plants	(FACU)	Plants that occur sometimes (estimated probability 1% to <33%) in wetlands, but occur more often (estimated probability >67% to 99%) in non-wetlands.				
	Obligate Upland Plants	(UPL)	Plants that occur rarely (estimated probability <1%) in wetlands, but occur almost always (estimate probability >99%) in non-wetlands under natural conditions.				
Prevalence Index	calculates a weighted average = 1, FACW = 2, FAC = 3, FA abundance. It is a more contact that one based on a few do prevalence index of 3.0 or lead to minance test, the recorder	ge by assigr ACU = 4, and comprehens minant spectors ess indicated and plant spectors	dicator which takes into account all plant species and ning each indicator status category a numeric code (OBL and UPL = 5). Plant species are also weighted by their live analysis of the hydrophytic status of a community ecies. \The prevalence index ranges from 1 to 5, and a less that hydrophytic vegetation is present. If, using the ecies does not exceed 50% of the total dominance, the rmine if hydrophytic vegetation is present.				
Rapid Test for hydrophytic vegetation	vegetation without the nee dominant species across al	d for inten II strata ar	onfirmation in obvious cases that a site has hydrophytic sive sampling. When, based on visual assessment, all e rated OBL, FACW, or a combination of these two rophytic vegetation is present at the site.				
Routine wetland determination	onsite methods are employe	ed to deterr	ich office data and/or relatively simple, rapidly applied mine whether or not an area is a wetland. Most wetland usually does not require collection of quantitative data.				



Term	Definition
Sample plot	An area of land used for measuring or observing existing conditions
Transect	As used herein, a line on the ground along which observations are made at some interval
Typically Adapted	The term "typically adapted" refers to a species being normally or commonly suited to a given set of environmental conditions, due to some morphological, physiological, or reproductive adaptation. Species that have a wetland indicator status of OBL, FACW, or FAC are considered to be typically adapted for life in anaerobic soil conditions.
Under normal circumstances	As used in the definition of wetlands, this term refers to situations in which the vegetation has not been substantially altered by man's activities.
Upland	As used herein, any area that does not qualify as a wetland because the associated hydrologic regime is not sufficiently wet to elicit development of vegetation, soils, and/or hydrologic characteristics associated with wetlands. Such areas occurring within floodplains are more appropriately termed non-wetlands.
Wetlands	The Corps of Engineers and the EPA jointly define wetlands as those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas. Wetlands have the following general diagnostic environmental characteristics:
	<ul><li>(1) Hydrophytic Vegetation</li><li>(2) Hydric Soils</li><li>(3) Wetland Hydrology</li></ul>
	Except in unique situations defined in the 1987 Wetland Delineation Manual and appropriate Regional Supplement, evidence of a minimum of one positive wetland indicator from each parameter (hydrology, soil, and vegetation) must be found in order to make a positive wetland determination.
Wetland boundary	The point on the ground at which a shift from wetlands to non-wetlands or aquatic habitats occurs. These boundaries usually follow contours.
Wetland determination	The process or procedure by which an area is adjudged a wetland or non-wetland by the US Army Corps of Engineers.



Term	Definition					
Wetland Hydrology	As defined by the 1987 COE Manual, the term "wetland hydrology" encompasses all hydrologic characteristics of areas that are periodically inundated (at mean water depths less than or equal to 6.6 feet) or have soils saturated to the surface at some time during the growing season of prevalent vegetation. Evident characteristics of wetland hydrology are generally found in areas where the presence of water has an overriding influence on characteristics of vegetation and soils due to anaerobic and reducing conditions.					
	Wetland hydrology indicators provide evider hydrologic regime. They may not provide an wetness conditions on a given site; however, who vegetation and hydric soils, hydrology indicates short-term wetland conditions. In order to mee location must meet one primary indicator or two primary Indicators include:	abundance of information about long-term nen coupled with the presence of hydrophytic ors provide evidence of long-term as well as the hydrology criteria of a wetland, a sample				
	<ul> <li>Surface Water (A1)</li> <li>High Water Table (A2)</li> <li>Saturation (A3)</li> <li>Water Marks (B1)</li> <li>Sediment Deposits (B2)</li> <li>Drift Deposits (B3)</li> <li>Algal Mat or Crust (B4)</li> <li>Iron Deposits (B5)</li> <li>Inundation visible on Aerial Imagery (B7)</li> <li>Water-Stained Leaves (B9)</li> <li>Aquatic Fauna (B13)</li> <li>Marl Deposits (B15) (LRR U)</li> <li>Hydrogen Sulfide Odor (C1)</li> <li>Oxidized Rhizospheres on Living Roots (C3)</li> <li>Presence of Reduced Iron (C4)</li> <li>Recent Iron Reduction in Tilled Soils (C6)</li> <li>Thin Muck Surface (C7)</li> </ul>	<ul> <li>Surface Soil Cracks (B6)</li> <li>Sparsely Vegetated Concave Surface (B8)</li> <li>Drainage Patterns (B10)</li> <li>Moss Trim Lines (B16)</li> <li>Dry-Season Water Table (C2)</li> <li>Crayfish Burrows (C8)</li> <li>Saturation Visible on Aerial Imagery (C9)</li> <li>Geomorphic Position (D2)</li> <li>Shallow Aquitard (D3)</li> <li>FAC-Neutral Test (D5)</li> </ul>				

#### APPENDIX A - DATA SHEETS

Routine Wetland Delineation Appendices

#### WETLAND DETERMINATION DATA FORM - Atlantic and Gulf Coastal Plain Region

Project/Site: Martial Farms	City/County: Broussard Sampling Date: 04-Feb-21
Applicant/Owner: One Acadiana	State: LA Sampling Point: 1
Investigator(s): Ryne Menard	Section, Township, Range:         S         35         T         10S         R         05E
Landform (hillslope, terrace, etc.): Undulating	Local relief (concave, convex, none): _concave Slope: 2.0 % / 1.1 °
Subregion (LRR or MLRA): LRR O Lat.:	30° 7' 39.440" N Long.: 91° 56' 20.482" W Datum: NAD83
Soil Map Unit Name: FrA-Frost silt loam, 0-1% slopes, occasionally floo	oded, 90% Hydric NWI classification:
Are climatic/hydrologic conditions on the site typical for this time of year	ar? Yes No (If no, explain in Remarks.)
Are Vegetation , Soil , or Hydrology significantl	tly disturbed? Are "Normal Circumstances" present? Yes   No
Are Vegetation , Soil , or Hydrology naturally p	problematic? (If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS - Attach site map showing sai	impling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes  No	In the Country of Aura
Hydric Soil Present? Yes No •	Is the Sampled Area  Within a Wallanda Yes O No
Wetland Hydrology Present? Yes ○ No •	within a Wetland?
Remarks:	
HYDROLOGY	
Wetland Hydrology Indicators:	Secondary Indicators (minimum of 2 required)
Primary Indicators (minimum of one required; check all that apply)	Surface Soil Cracks (B6)
Surface Water (A1) Aquatic Fauna (B1	13) Sparsely Vegetated Concave Surface (B8)
High Water Table (A2)  Marl Deposits (B15)	5) (LRR U) Drainage Patterns (B10)
Saturation (A3) Hydrogen Sulfide (	Odor (C1) Moss Trim Lines (B16)
Water Marks (B1) Oxidized Rhizospho	neres along Living Roots (C3) Dry Season Water Table (C2)
Sediment Deposits (B2)	ced Iron (C4) Crayfish Burrows (C8)
Drift Deposits (B3)	ction in Tilled Soils (C6)  Saturation Visible on Aerial Imagery (C9)
Algal Mat or Crust (B4)  Thin Muck Surface	e (C7) Geomorphic Position (D2)
☐ Iron Deposits (B5) ☐ Other (Explain in F	
☐ Inundation Visible on Aerial Imagery (B7)	FAC-Neutral Test (D5)
Water-Stained Leaves (B9)	☐ Sphagnum moss (D8) (LRR T, U)
Field Observations:  Surface Water Present?  Yes No Depth (inches):	
Sarrado Water Fresent.	
Water Table Present? Yes No Depth (inches):	Wetland Hydrology Present? Yes ○ No ●
Saturation Present? (includes capillary fringe) Yes No Depth (inches):	
Describe Recorded Data (stream gauge, monitoring well, aerial photo	os, previous inspections), if available:
Remarks:	
Site has evidence of historic land farming activities.	
Site rias evidence of historic land farming activities.	

#### **VEGETATION** (Five/Four Strata) - Use scientific names of plants.

Dominance Test worksheet:  Number of Dominant Species That are OBL, FACW, or FAC:  Total Number of Dominant Species Across All Strata:  Percent of dominant Species That Are OBL, FACW, or FAC:  Total % Cover of:  Multiply by:  OBL species  Total % Cover of:  Multiply by:  OBL species  A0 x 1 = 0  FACW species  A0 x 3 = 120  FACU species  PACU species  Ox x 4 = 80  UPL species  Ox x 5 = 0  Col umn Total s: 95 (A) 270 (B)  Prevalence Index = B/A = 2.842  Hydrophytic Vegetation Indicators:  1 - Rapid Test for Hydrophytic Vegetation  ✓ 2 - Dominance Test is > 50%  ✓ 3 - Prevalence Index is ≤3.0 ¹  Problematic Hydrophytic Vegetation ¹ (Explain)
Number of Dominant Species That are OBL, FACW, or FAC:  Total Number of Dominant Species Across All Strata:  4  B  Percent of dominant Species That Are OBL, FACW, or FAC:  Total % Cover of:  Multiply by:  OBL species  O
That are OBL, FACW, or FAC:  Total Number of Dominant Species Across All Strata:  4 (B)  Percent of dominant Species That Are OBL, FACW, or FAC:  Total % Cover of:  Multiply by:  OBL species  0 x 1 = 0  FACW species  40 x 3 = 120  FACU species  40 x 3 = 120  FACU species  0 x 4 = 80  UPL species  0 x 5 = 0  Col umn Total s: 95 (A) 270 (B)  Prevalence Index = B/A = 2.842  Hydrophytic Vegetation Indicators:  1 - Rapid Test for Hydrophytic Vegetation  2 - Dominance Test is > 50%  3 - Prevalence Index is ≤3.0 ¹
Species Across All Strata: 4 (B)  Percent of dominant Species That Are OBL, FACW, or FAC: 75.0% (A/B)  Prevalence Index worksheet:
Species Across All Strata: 4 (B)  Percent of dominant Species That Are OBL, FACW, or FAC: 75.0% (A/B)  Prevalence Index worksheet:
That Are OBL, FACW, or FAC:
That Are OBL, FACW, or FAC:
Prevalence Index worksheet:
Total % Cover of: Multiply by:  OBL species 0 x 1 = 0  FACW species 35 x 2 = 70  FAC species 40 x 3 = 120  FACU species 20 x 4 = 80  UPL species 0 x 5 = 0  Col umn Total s: 95 (A) 270 (B)  Prevalence Index = B/A = 2.842  Hydrophytic Vegetation Indicators:  1 - Rapid Test for Hydrophytic Vegetation  ✓ 2 - Dominance Test is > 50%  ✓ 3 - Prevalence Index is ≤3.0 ¹
0BL species 0 x 1 = 0  FACW species 35 x 2 = 70  FAC species 40 x 3 = 120  FACU species 20 x 4 = 80  UPL species 0 x 5 = 0  Col umn Totals: 95 (A) 270 (B)  Prevalence Index = B/A = 2.842  Hydrophytic Vegetation Indicators:  1 - Rapid Test for Hydrophytic Vegetation  ✓ 2 - Dominance Test is > 50%  ✓ 3 - Prevalence Index is ≤3.0 ¹
FACW species 35 x 2 = 70  FAC species 40 x 3 = 120  FACU species 20 x 4 = 80  UPL species 0 x 5 = 0  Col umn Total s: 95 (A) 270 (B)  Prevalence Index = B/A = 2.842  Hydrophytic Vegetation Indicators:  1 - Rapid Test for Hydrophytic Vegetation  ✓ 2 - Dominance Test is > 50%  ✓ 3 - Prevalence Index is ≤3.0 ¹
FAC speciles 40 x 3 = 120  FACU speciles 20 x 4 = 80  UPL speciles 0 x 5 = 0  Collumn Total s: 95 (A) 270 (B)  Prevalence Index = B/A = 2.842  Hydrophytic Vegetation Indicators:  1 - Rapid Test for Hydrophytic Vegetation  ✓ 2 - Dominance Test is > 50%  ✓ 3 - Prevalence Index is ≤3.0 ¹
FACU species 20 x 4 = 80  UPL species 0 x 5 = 0  Col umn Total s: 95 (A) 270 (B)  Prevalence Index = B/A = 2.842  Hydrophytic Vegetation Indicators:  1 - Rapid Test for Hydrophytic Vegetation  ✓ 2 - Dominance Test is > 50%  ✓ 3 - Prevalence Index is ≤3.0 ¹
UPL species
Col umn Total s:95 (A)270 (B)  Prevalence Index = B/A =2.842  Hydrophytic Vegetation Indicators:  1 - Rapid Test for Hydrophytic Vegetation  2 - Dominance Test is > 50%  3 - Prevalence Index is ≤ 3.0 ¹
Prevalence Index = B/A = 2.842  Hydrophytic Vegetation Indicators:  1 - Rapid Test for Hydrophytic Vegetation  ✓ 2 - Dominance Test is > 50%  ✓ 3 - Prevalence Index is ≤3.0 ¹
Prevalence Index = B/A = 2.842  Hydrophytic Vegetation Indicators:  1 - Rapid Test for Hydrophytic Vegetation  2 - Dominance Test is > 50%  3 - Prevalence Index is ≤3.0 ¹
Hydrophytic Vegetation Indicators:  1 - Rapid Test for Hydrophytic Vegetation  2 - Dominance Test is > 50%  3 - Prevalence Index is ≤3.0 ¹
1 - Rapid Test for Hydrophytic Vegetation     2 - Dominance Test is > 50%     3 - Prevalence Index is ≤3.0 ¹
<ul> <li>2 - Dominance Test is &gt; 50%</li> <li>3 - Prevalence Index is ≤3.0 ¹</li> </ul>
<ul> <li>2 - Dominance Test is &gt; 50%</li> <li>3 - Prevalence Index is ≤3.0 ¹</li> </ul>
✓ 3 - Prevalence Index is ≤3.0 ¹
i l'obicinatic riyal opriytic regetation (Explain)
1 Indicators of hydric soil and wetland hydrology must
be present, unless disturbed or problematic.
Definition of Vegetation Strata:
Tree - Woody plants, excluding woody vines,
approximately 20 ft (6 m) or more in height and 3 in.
(7.6 cm) or larger in diameter at breast height (DBH).
Sapling - Woody plants, excluding woody vines,
approximately 20 ft (6 m) or more in height and less
U than 3 in. (7.6 cm) DBH.
Sapling/Shrub - Woody plants, excluding vines, less
than 3 in. DBH and greater than 3.28 ft (1m) tall.
Shrub - Woody plants, excluding woody vines,
approximately 3 to 20 ft (1 to 6 m) in height.
Herb - All herbaceous (non-woody) plants, including
herbaceous vines, regardless of size, and woody
plants, except woody vines, less than approximately 3 ft (1 m) in height.
J it (1 iii) iii neigiit.
Woody vine - All woody vines regardless of height
Woody vine - All woody vines, regardless of height.
Woody vine - All woody vines, regardless of height.
Woody vine - All woody vines, regardless of height.
Woody vine - All woody vines, regardless of height.
Woody vine - All woody vines, regardless of height.
Woody vine - All woody vines, regardless of height.  Hydrophytic Vegetation Present? Yes • No
_

SOIL Sampling Point: 1

Profile Descr	ription: (Des	cribe to t	he depth	needed to	document	the indic	ator or co	onfirm the	absence of indicators.)	
Depth		Matrix			Red	dox Featu	res		_	
(inches)	Color (r	moist)	%	Color (	moist)	%_	Tvpe 1	Loc2	Texture	Remarks
0-4	10YR	4/3	95	10YR	6/4	5	С	M	Clay Loam	
4-12	10YR	3/3	90	10YR	6/4	10	С	М	Clay Loam	
12-20	10YR	3/3	85	10YR	6/4	15	С	М	Clay Loam	
			-	-						
				-					,	
<sup>1</sup> Type: C=Con	centration. D=	Depletion	. RM=Red	uced Matrix,	CS=Covere	d or Coate	d Sand Gr	ains <sup>2</sup> Loca	ation: PL=Pore Lining. M=Ma	atrix
Hydric Soil I	ndicators:								Indicators for Proble	ematic Hydric Soils 3:
Histosol (	A1)			Pol	yvalue Belo	w Surface	(S8) (LRR	S, T, U)	1 cm Muck (A9) (L	
Histic Epip	pedon (A2)			Thi	n Dark Surl	face (S9) (	LRR S, T, I	J)	2 cm Muck (A10) (	·
☐ Black Hist	tic (A3)				ımy Mucky					18) (outside MLRA 150A,B)
Hydrogen	Sulfide (A4)				ımy Gleyed					in Soils (F19) (LRR P, S, T)
Stratified	Layers (A5)				oleted Matr		•			Loamy Soils (F20) (MLRA 153B)
Organic B	lodies (A6) (LI	RR P, T, U	)	_	dox Dark Su				Red Parent Materia	•
	ky Mineral (A			_	oleted Dark	` '				, ,
	sence (A8) (LI		,		dox Depres		,,		☐ Very Shallow Dark	· · ·
	k (A9) (LRR P				rl (F10) (LF				Other (Explain in R	lemarks)
	Below Dark S		1)		oleted Ochr		/I DA 151\			
	k Surface (A1		• ,		n-Mangane			D		
	irie Redox (A1		150Δ)							
	ick Mineral (S				bric Surfac			)		
	eyed Matrix (S		3)		ta Ochric (I			4500)	<sup>3</sup> Indicators o	f hydrophytic vegetation and
	•	14)			duced Verti				wetland hy	ydrology must be present,
Sandy Re					dmont Floo	•				disturbed or problematic.
	Matrix (S6)			∟ And	omalous Bri	ight Loamy	Soils (F20	)) (MLRA 14	9A, 153C, 153D)	
□ Dark Surf	ace (S7) (LRR	! P, S, 1, U	)							
Restrictive L	ayer (if obse	erved):								
Type:						_			Ulvednia Cail Dragont?	Yes ○ No ●
Depth (inc	hes):					_			Hydric Soil Present?	Yes ○ No •
Remarks:										
										!

#### WETLAND DETERMINATION DATA FORM - Atlantic and Gulf Coastal Plain Region

Project/Site: Martial Farms City/C	County: Broussard Sampling Date: 04-Feb-21
Applicant/Owner: One Acadiana	State: LA Sampling Point: 2
Investigator(s): Ryne Menard Sect	tion, Township, Range: S 35 T 10S R 05E
Landform (hillslope, terrace, etc.): Undulating Local	relief (concave, convex, none): CONCAVE Slope: 2.0 % / 1.1°
Subregion (LRR or MLRA): LRR O Lat.: 30° 7'	' 37.291" N Long.: 91° 56′ 21.316" W Datum: NAD83
Soil Map Unit Name: MbC-Memphis silt loam, 1 to 5 percent slopes,0% Hydri	
Are climatic/hydrologic conditions on the site typical for this time of year?	Yes No (If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology significantly distri	() oxpram in resinance)
Are Vegetation , Soil , or Hydrology naturally problem	The Holling Street Processing
SUMMARY OF FINDINGS - Attach site map showing sampling	,, . , . , . , . , . , . , . , . ,
	T
	Is the Sampled Area
Hydric Soil Present? Yes No •	within a Wetland? Yes O No •
Wetland Hydrology Present? Yes ○ No •	
Remarks:	
HYDROLOGY	
Wetland Hydrology Indicators:	Secondary Indicators (minimum of 2 required)
Primary Indicators (minimum of one required; check all that apply)	Surface Soil Cracks (B6)
Surface Water (A1) Aquatic Fauna (B13)	Sparsely Vegetated Concave Surface (B8)
☐ High Water Table (A2) ☐ Marl Deposits (B15) (LRR	R U) Drainage Patterns (B10)
Saturation (A3) Hydrogen Sulfide Odor (C	C1) Moss Trim Lines (B16)
Water Marks (B1) Oxidized Rhizospheres ald	ong Living Roots (C3) Dry Season Water Table (C2)
Sediment Deposits (B2)  Presence of Reduced Iron	n (C4) Crayfish Burrows (C8)
☐ Drift Deposits (B3) ☐ Recent Iron Reduction in	Tilled Soils (C6) Saturation Visible on Aerial Imagery (C9)
Algal Mat or Crust (B4) Thin Muck Surface (C7)	Geomorphic Position (D2)
☐ Iron Deposits (B5) ☐ Other (Explain in Remark	Shallow Aquitard (D3)
Inundation Visible on Aerial Imagery (B7)	FAC-Neutral Test (D5)
Water-Stained Leaves (B9)	Sphagnum moss (D8) (LRR T, U)
Field Observations:	
Surface Water Present? Yes No Depth (inches):	
Water Table Present? Yes O No O Depth (inches):	
Saturation Present? (includes confillent friege)  Yes No Depth (inches):	Wetland Hydrology Present? Yes ○ No •
(includes capillary fittinge)	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, pre	vious inspections), if available:
Remarks:	
Site has evidence of historic land farming activities.	

#### **VEGETATION** (Five/Four Strata) - Use scientific names of plants.

O.0%   O.0%	Status	Dominance Test worksheet:  Number of Dominant Species That are OBL, FACW, or FAC:
0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%		That are OBL, FACW, or FAC:
0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%		Total Number of Dominant Species Across All Strata: $2$ (B)  Percent of dominant Species That Are OBL, FACW, or FAC: $50.0\%$ (A/B)  Prevalence Index worksheet:  Total % Cover of: Multiply by:  OBL species $0$ x 1 = $0$ FACW species $35$ x 2 = $70$ FAC species $20$ x 3 = $60$ FACU species $15$ x 4 = $60$ UPL species $0$ x 5 = $0$ Col umn Total s: $70$ (A) $190$ (B)  Prevalence Index = B/A = $2.714$
0.0% 0.0% 0.0% 0.0% 0.0% 0.0%  Total Cover  0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.		Species Across All Strata:         2         (B)           Percent of dominant Species That Are OBL, FACW, or FAC:         50.0%         (A/B)           Prevalence Index worksheet:
0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%		Percent of dominant Species That Are OBL, FACW, or FAC: 50.0% (A/B)  Prevalence Index worksheet:
0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%		That Are OBL, FACW, or FAC:
0.0% 0.0% 0.0%  0.0%  0.0% 0.0% 0.0% 0.		That Are OBL, FACW, or FAC:
0.0% 0.0%  Total Cover  0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.		
0.0%  Total Cover  0.0%  0.0%  0.0%  0.0%  0.0%  0.0%  0.0%  0.0%  0.0%		
0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%		OBL species         0         x 1 =         0           FACW species         35         x 2 =         70           FAC species         20         x 3 =         60           FACU species         15         x 4 =         60           UPL species         0         x 5 =         0           Column Totals:         70         (A)         190         (B)           Prevalence Index = B/A =         2.714
0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%		FACW species $35$ x 2 = $70$ FAC species $20$ x 3 = $60$ FACU species $15$ x 4 = $60$ UPL species $0$ x 5 = $0$ Column Totals: $70$ (A) $190$ (B)  Prevalence Index = B/A = $2.714$
0.0% 0.0% 0.0% 0.0% 0.0% 0.0%		FAC speciles $20$ x 3 = $60$ FACU speciles $15$ x 4 = $60$ UPL speciles $0$ x 5 = $0$ Column Totals: $70$ (A) $190$ (B)  Prevalence Index = B/A = $2.714$
0.0% 0.0% 0.0% 0.0% 0.0% 0.0%		FACU species $15$ x 4 = $60$ UPL species $0$ x 5 = $0$ Column Totals: $70$ (A) $190$ (B)  Prevalence Index = B/A = $2.714$
0.0% 0.0% 0.0% 0.0% 0.0%		UPL species $0$ x 5 = $0$ Col umn Total s: $70$ (A) $190$ (B)  Prevalence Index = B/A = $2.714$
0.0% 0.0% 0.0% 0.0%		Column Total s: $70$ (A) $190$ (B)  Prevalence Index = B/A = $2.714$
0.0% 0.0% 0.0%		Prevalence Index = B/A = 2.714
0.0%		
0.0%		Hydrophytic Vogotation Indicators:
		Hydrophytic vegetation malcators.
Total Cover		1 - Rapid Test for Hydrophytic Vegetation
		2 - Dominance Test is > 50%
		✓ 3 - Prevalence Index is ≤3.0 ¹
0.0%		Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
		Problematic Hydrophytic vegetation - (Explain)
		<sup>1</sup> Indicators of hydric soil and wetland hydrology must
		be present, unless disturbed or problematic.
		Definition of Vegetation Strata:
0.0%		Tree - Woody plants, excluding woody vines,
Total Cover		approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).
		Sopling Woody plants, evaluding woody vines
<b>✓</b> 50.0%	FACW	Sapling - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less
<b>✓</b> 21.4%	FACU	than 3 in. (7.6 cm) DBH.
14.3%	FAC	
7.1%	FAC	Sapling/Shrub - Woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1m) tall.
7.1%	FAC	and the Berraina groater than 6.25 it (111) tail.
		Shrub - Woody plants, excluding woody vines,
		approximately 3 to 20 ft (1 to 6 m) in height.
		Herb - All herbaceous (non-woody) plants, including
		herbaceous vines, regardless of size, and woody
		plants, except woody vines, less than approximately
		3 ft (1 m) in height.
		Woody vine - All woody vines, regardless of height.
0.0%		
0.0%		
0.0%		
0.0%		
0.0%		Hydrophytic Vegetation
Total Cover		Present? Yes No   No
	Total Cover  2 50.0% 2 11.4% 14.3% 7.1% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0	0.0% 0.0% 0.0% 0.0% 0.0%  0.0%  Total Cover     50.0% FACW   21.4% FACU 14.3% FAC 7.1% FAC 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0

SOIL Sampling Point: 2

Profile Descr	iption: (Des	cribe to	the depth	needed to	document	the indic	ator or co	onfirm the	absence of indicators.)
Depth		Matrix			Red	dox Featu	ıres		_
(inches)	Color (r		%_	Color (	moist)	%_	_Tvpe 1	Loc2	Texture Remarks
0-6	10YR	4/3	100						Clay Loam
6-12	10YR	4/3	80	10YR	7/4	20	С	M	Clay Loam
12-20	10YR	4/3	60	10YR	7/4	40	C	М	Clay Loam
							_		
	-			_					
			-		-				
1 Type: C=Cond	entration D	=Depletion	RM=Rec	- — duced Matrix	CS=Covere	ed or Coate	ed Sand Gr	ains 2loca	ation: PL=Pore Lining, M=Matrix
Hydric Soil I		- Depletion	i. itiii—itee	Tacca Matrix,		or court	d dana di	2000	<del>*</del>
Histosol (A				Pol	vvalue Beld	ow Surface	(S8) (LRR	S T II)	Indicators for Problematic Hydric Soils <sup>3</sup> :
Histic Epip	,						(SO) (LIKK (LRR S, T, I		1 cm Muck (A9) (LRR O)
Black Histi							(1) (LRR O		2 cm Muck (A10) (LRR S)
	Sulfide (A4)								Reduced Vertic (F18) (outside MLRA 150A,B)
	Layers (A5)				my Gleyed		<b>2</b> )		☐ Piedmont Floodplain Soils (F19) (LRR P, S, T)
	odies (A6) (LI	DD D T II	1		oleted Matr				Anomalous Bright Loamy Soils (F20) (MLRA 153B)
_	ky Mineral (A				dox Dark S	, ,			Red Parent Material (TF2)
			1, 0)		oleted Dark				Very Shallow Dark Surface (TF12)
	sence (A8) (LI				dox Depres				Other (Explain in Remarks)
	k (A9) (LRR F		1)		rl (F10) (LF				
	Below Dark S		1)		pleted Och				
	Surface (A1						(F12) (LRI		
	rie Redox (A						RR P, T, U)	)	
	ck Mineral (S		, S)	☐ Del	ta Ochric (	F17) (MLR	A 151)		<sup>3</sup> Indicators of hydrophytic vegetation and
	yed Matrix (S	54)		☐ Red	duced Verti	ic (F18) (M	ILRA 150A,	150B)	wetland hydrology must be present,
Sandy Red				Pie	dmont Floo	odplain Soil	ls (F19) (M	LRA 149A)	unless disturbed or problematic.
Stripped N	Matrix (S6)			And	omalous Br	ight Loamy	y Soils (F20	) (MLRA 14	9A, 153C, 153D)
Dark Surfa	ace (S7) (LRR	P, S, T, L	J)						
Restrictive La	ayer (if obse	erved):							
Type:	· .					_			
Depth (inch	nes):								Hydric Soil Present? Yes ○ No •
Remarks:									

#### WETLAND DETERMINATION DATA FORM - Atlantic and Gulf Coastal Plain Region

Project/Site: Martial Farms City/	County: Broussard	Sampling Date: 04-Feb-21
Applicant/Owner: One Acadiana	State: LA	Sampling Point: 3
Investigator(s): Ryne Menard Sec	tion, Township, Range: S	2 T 11S R 05E
Landform (hillslope, terrace, etc.): Undulating Local	relief (concave, convex, no	one): concave Slope: 4.0 % / 2.3 °
Subregion (LRR or MLRA): LRR O Lat.: 30° 7	27.806" N Long.	: 91° 56' 8.507" W
Soil Map Unit Name: MbC-Memphis silt loam, 1 to 5 percent slopes,0% Hydr		NWI classification:
Are climatic/hydrologic conditions on the site typical for this time of year?		(If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology significantly dist		Circumstances" present? Yes   No
Are Vegetation, Soil, or Hydrology naturally problem		xplain any answers in Remarks.)
SUMMARY OF FINDINGS - Attach site map showing sampling	ng point locations, tra	ansects, important features, etc.
Hydrophytic Vegetation Present? Yes ○ No ●		
Hydric Soil Present? Yes ○ No ●	Is the Sampled Area	Yes ○ No ●
Wetland Hydrology Present? Yes O No •	within a Wetland?	Yes ∪ No ♥
Remarks:		
Remarks.		
HYDROLOGY		
Wetland Hydrology Indicators:		Secondary Indicators (minimum of 2 required)
Primary Indicators (minimum of one required; check all that apply)		Surface Soil Cracks (B6)
Surface Water (A1)  Aquatic Fauna (B13)		Sparsely Vegetated Concave Surface (B8)
☐ High Water Table (A2) ☐ Marl Deposits (B15) (LRF	? U)	Drainage Patterns (B10)
Saturation (A3) Hydrogen Sulfide Odor (	C1)	Moss Trim Lines (B16)
Water Marks (B1) Oxidized Rhizospheres al	ong Living Roots (C3)	Dry Season Water Table (C2)
Sediment Deposits (B2)	n (C4)	Crayfish Burrows (C8)
☐ Drift Deposits (B3) ☐ Recent Iron Reduction in	Tilled Soils (C6)	Saturation Visible on Aerial Imagery (C9)
Algal Mat or Crust (B4) Thin Muck Surface (C7)		Geomorphic Position (D2)
☐ Iron Deposits (B5) ☐ Other (Explain in Remark	s)	Shallow Aquitard (D3)
Inundation Visible on Aerial Imagery (B7)		FAC-Neutral Test (D5)
Water-Stained Leaves (B9)		Sphagnum moss (D8) (LRR T, U)
Field Observations:		
Surface Water Present? Yes No Depth (inches):		
Water Table Present? Yes No Depth (inches):		
Saturation Present?  (includes confilling frings)  Yes No Depth (inches):	Wetland Hydro	ology Present? Yes O No •
(includes capillary fringe)  Describe Recorded Data (stream gauge, monitoring well, aerial photos, pro	wigus inspections) if availa	abla
Describe Recorded Data (stream gauge, monitoring well, aerial priotos, pro	evious irispections), ir availe	aule.
Remarks:		

#### **VEGETATION** (Five/Four Strata) - Use scientific names of plants.

be present, unless disturbed or problematic.  Definition of Vegetation Strata:  Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).  Sapling - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).  Sapling - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) or larger in diameter at breast height (DBH).  Sapling - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) or more in height and less than 3 in. (7.6 cm) or more in height and less than 3 in. (7.6 cm) or more in height and less than 3 in. (7.6 cm) or more in height and less than 3 in. (7.6 cm) or more in height and less than 3 in. (7.6 cm) or more in height and less than 3 in. (7.6 cm) or more in height and less than 3 in. (7.6 cm) or more in height and less than 3 in. (7.6 cm) or more in height and less than 3 in. (7.6 cm) or more in height and less than 3 in. (7.6 cm) or more in height and less than 3 in. (7.6 cm) or more in height and less than 3 in. (7.6 cm) or more in height and less than 3 in. (7.6 cm) or more in height approximately 20 ft (6 m) or more in height approximately 20 ft (6 m) or more in height approximately 20 ft (6 m) or more in height approximately 20 ft (6 m) or more in height approximately 20 ft (6 m) or more in height approximately 20 ft (6 m) or more in height approximately 20 ft (6 m) or more in height approximately 20 ft (6 m) or more in height approximately 20 ft (6 m) or more in height approximately 20 ft (6 m) or more in height approximately 20 ft (6 m) or more in height approximately 20 ft (6 m) or more in height approximately 20 ft (6 m) or more in height approximately 20 ft (6 m) or more in height approximately 20 ft (6 m) or more in height approximately 20 ft (6 m) or more in height approximately 20 ft (6 m) or more i				minant	Sampling Point: 3
0	(-1		Re	el.Strat. Ind	
0		% Cover			
0	-		Ц.	0.0%	That are OBL, FACW, or FAC: (A)
0			Н.		Total Number of Dominant
0			Н.		
That Are OBL_FACW, or FAC.   0.0%   CAUSE.   0.0%   Frevalence Index worksheet:   Total Scover of Multiply Dy.			片.		Doublet of descinant Cookies
0	·		$\square$		
Solve of Total Cover: 0	5				
Some of Total Cover: 0			Ц.		Prevalence Index worksheet:
Sapling or Sapling /Shrub Stratum   (Plot size:     0   0.0%   FACK specifies   3   x 2 = 10			Ш.		
0	<del></del>		= To	tal Cover	
0	Sapling or Sapling/Shrub Stratum (Plot size:	)	_		FACW species <u>5</u> x 2 = <u>10</u>
0			Ц.	0.0%	FAC speciles <u>3</u> x 3 = <u>9</u>
Column Total s: 41 (A) 154 (B) Prevalence Index = B/A =3.756.			Ц.	0.0%	FACU species30 x 4 =120
0	3	0	Ц.	0.0%	UPL speciles3 x 5 =15
0	ł	0	Ц.	0.0%	Column Totals: <u>41</u> (A) <u>154</u> (B)
0	j	0	Ц.	0.0%	Provolence Index - B/A - 2.754
1. Rapid fest for Hydrophytic Vegetation   2. Dominance Test is > 50%			Ц.	0.0%	
50% of Total Cover: 0 20% of Total Cover: 0 0 0 = Total Cover		0	$\sqcup$	0.0%	Hydrophytic Vegetation Indicators:
Shrub Stratum	3	0	$\sqcup$	0.0%	1 - Rapid Test for Hydrophytic Vegetation
0	50% of Total Cover:0 20% of Total Cover:0	0 =	= To	tal Cover	2 - Dominance Test is > 50%
0	Shrub Stratum (Plot size:)				3 - Prevalence Index is ≤3.0 <sup>1</sup>
1 Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.  Definition of Vegetation Strata:  Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH). Sapling-Nordy plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.  Sapling-Nordy plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. DBH and greater than 3.28 ft (1m) tall.  Sapling-Nordy plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. DBH and greater than 3.28 ft (1m) tall.  Sapling-Shrub - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. DBH and greater than 3.28 ft (1m) tall.  Shrub - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. DBH and greater than 3.28 ft (1m) tall.  Shrub - Woody plants, excluding woody vines, approximately 20 to 20 ft (1 to 6 m) in height.  Shrub - Woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.  Bapling-Shrub - Woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.  Bapling-Shrub - Woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.  Bapling-Shrub - Woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.  Bapling-Shrub - Woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.  Bapling-Shrub - Woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.  Bapling-Shrub - Woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.  Bapling-Shrub - Woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.  Bapling-Shrub - Woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.  Bapling-Shrub - Woody plants,		0		0.0%	
1 Indicators of hydrics olal and wetland hydrology must be present, unless disturbed or problematic.  2				0.0%	
0				0.0%	Indicators of hydric soil and wetland hydrology must
Definition of Vegetation Strata:  Tre - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).  Sapling - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).  Sapling - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) or larger in diameter at breast height (DBH).  Sapling - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.  Sapling - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.  Sapling - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.  Sapling - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.  Sapling - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.  Sapling - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.  Sapling - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.  Sapling - Woody plants, excluding woody vines, approximately 20 ft (1 ft of cm) or more in height and less than 3 in. (7.6 cm) DBH.  Sapling - Woody plants, excluding woody vines, approximately 20 ft (1 ft of cm) or more in height and less than 3 in. (7.6 cm) DBH.  Sapling - Woody plants, excluding woody vines, approximately 20 ft (1 ft of cm) in height.  Herb - All herbaceous (non-woody) plants, excluding woody vines, approximately 3 to 20 ft (1 ft of em) in height.  Solve - All woody vines, approximately 3 ft (1 m) in height.  Woody Vine - All woody vines, approximately 3 ft (1 m) in height.  Woody Vine - All woody vines, approximately 3 ft (				0.0%	be present, unless disturbed or problematic.
Some of Total Cover: 0 20% of Total Cover: 0 0 0 = Total Cover (7.6 cm) or larger in diameter at breast height (DBH).    Normalia	-	_		0.0%	Definition of Vegetation Strata:
Herb Stratum (Plot size: 30' )  1. Cynodon dactylon  2. Saccharum officinarum  3. Andropogon glomeratus  4. Rumex crispus  5. Urbena litoralis var. brevibracteata  6. O		-			Tree - Woody plants, excluding woody vines,
Herb Stratum (Plot size: 30' ) 1. Cynodon dactylon 20	50% of Total Cover: 0 20% of Total Cover: 0	0 =	= To	tal Cover	
1. Cynodon dactylon	Herh Stratum (Plot size: 30' )				(7.0 only of larger in diameter at breast height (BBH).
2. Saccharum officinarum 3. Andropogon glomeratus 4. Rumex crispus 3.	1 America destrict	20	<b>V</b>	18.8% FA	
3. Andropogon glomeratus 4. Rumex crispus 5. Verthena litoralis var. brevibracteata 3. 7.3% FAC 6. 0 0.0% 7. 0 0.0% 8. 0 0.0% 9. 0 0.0% 9. 0 0.0% 1. 0 0.0%	O 6				——   approximately 20 ft (6 m) or more in neight and less
4. Rumex crispus  5. Verbena litoralis var. brevibracteata  3			П.		
5. Verbena litoralis var. brevibracteata  3	1		$\Box$		Carling/Charle Wasshandara suchuding viasa lasa
6	·		$\Box$		than 3 in, DBH and greater than 3.28 ft (1m) tall.
7.			$\Box$		
8.			Ħ.		
9			$\Box$		
O			$\Box$		
1	0.		$\Box$		
2	1.				
Woody Vine Stratum (Plot size: )	2		$\Box$		
Woody Vine Stratum (Plot size:)    .			 To =		Woody vine - All woody vines, regardless of height.
O					
2		0		0.0%	
3					
Hydrophytic Vegetation Present?  Some of Total Cover: 0 20% of Total Cover: 0 0 = Total Cover  Seemarks: (If observed, list morphological adaptations below).		-			—
50% of Total Cover: 0 20% of Total Cover: 0 0 = Total Cover Present? Yes No exemarks: (If observed, list morphological adaptations below).			-		—
50% of Total Cover: 0 20% of Total Cover: 0 0 = Total Cover Yes No etemarks: (If observed, list morphological adaptations below).			<del> </del> -		Hydrophytic
Remarks: (If observed, list morphological adaptations below).		-	<u>-</u> -		Vegetation
	50% of Total Cover: 0 20% of Total Cover: 0	=	= To	tal Cover	riesciit: 100 0 100 0
	Remarks: (If observed, list morphological adaptations below).				
	,				
*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.	*Indicator suffix = National status or professional decision assigned because	Regional status	not d	lefined by FWS	

SOIL Sampling Point: 3

Profile Descr	iption: (Describe to	the depth nee	ded to document	the indic	ator or co	onfirm the a	absence of indicators.)	
Depth	Matrix		Rec	dox Featu			_	
(inches)	Color (moist)	%	Color (moist)	%	Tvpe 1	Loc2	Texture	Remarks
0-20	10YR 4/3	95	10YR 6/4	5	С	M	Clay Loam	
				-				
				- —				
							-	
				- ——				
<sup>1</sup> Type: C=Cond	centration. D=Depletion	n. RM=Reduced	Matrix, CS=Covere	d or Coate	d Sand Gra	ains <sup>2</sup> Loca	tion: PL=Pore Lining. M=N	Matrix
Hydric Soil I	ndicators:						Indicators for Prob	lematic Hydric Soils 3:
Histosol (A	A1)		Polyvalue Belo	ow Surface	(S8) (LRR	S, T, U)	1 cm Muck (A9) (	
Histic Epip	edon (A2)		Thin Dark Surf	face (S9) (	LRR S, T, I	J)	2 cm Muck (A10)	
Black Histi	ic (A3)		Loamy Mucky					F18) (outside MLRA 150A,B)
Hydrogen	Sulfide (A4)		Loamy Gleyed					ain Soils (F19) (LRR P, S, T)
Stratified I	Layers (A5)		Depleted Matr		.,			
	odies (A6) (LRR P, T, U	))	Redox Dark Su				_	Loamy Soils (F20) (MLRA 153B)
	ky Mineral (A7) (LRR P,		Depleted Dark	. ,			Red Parent Mater	
	sence (A8) (LRR U)	1, 0,			-1)			
	k (A9) (LRR P, T)		Redox Depres				Other (Explain in	Remarks)
	Below Dark Surface (A1	11)	☐ Marl (F10) (LR					
	•	1)	Depleted Ochr					
	Surface (A12)		☐ Iron-Mangane					
	rie Redox (A16) (MLRA		Umbric Surfac	e (F13) (LF	RR P, T, U)	)		
	ck Mineral (S1) (LRR O	, S)	Delta Ochric (I	F17) (MLRA	A 151)		3 <sub>Indicators</sub>	of hydrophytic vegetation and
	yed Matrix (S4)		Reduced Verti	c (F18) (M	LRA 150A,	150B)		or rigarophytic vegetation and nydrology must be present,
Sandy Red	dox (S5)		Piedmont Floo	dplain Soil	s (F19) (M	LRA 149A)		disturbed or problematic.
Stripped N	Matrix (S6)		Anomalous Bri	ight Loamy	Soils (F20	) (MLRA 149	9A, 153C, 153D)	
Dark Surfa	ace (S7) (LRR P, S, T, L	J)						
Dantaintina I.	(if also and a							
	ayer (if observed):							
Type:				_			Hydric Soil Present?	Yes ○ No •
Depth (inch	nes):						<b>,</b>	100 - 110 -
Remarks:								

#### WETLAND DETERMINATION DATA FORM - Atlantic and Gulf Coastal Plain Region

Project/Site: Martial Farms Ci	ty/County: Broussard	Sampling Date: 04-Feb-21
Applicant/Owner: One Acadiana	State: LA	Sampling Point: 5
Investigator(s): Ryne Menard	Section, Township, Range:	<b>S</b> 2 <b>T</b> 11S <b>R</b> 05E
Landform (hillslope, terrace, etc.): Undulating Lo	cal relief (concave, convex	<b>c, none)</b> : concave <b>Slope</b> : 3.0 % / 1.7 °
Subregion (LRR or MLRA): LRR O Lat.: 30	° 7' 25.469" N La	ong.: 91° 56' 15.226" W Datum: NAD83
Soil Map Unit Name: MbC-Memphis silt loam, 1 to 5 percent slopes,0% H		NWI classification:
Are climatic/hydrologic conditions on the site typical for this time of year?	· · · · ·	(If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology significantly of		nal Circumstances" present? Yes  No
Are Vegetation, Soil, or Hydrology naturally prol		d, explain any answers in Remarks.)
SUMMARY OF FINDINGS - Attach site map showing samp	•	
Hydrophytic Vegetation Present? Yes O No •		
Hydric Soil Present? Yes O No •	Is the Sampled Area	
Wetland Hydrology Present? Yes O No •	within a Wetland?	Yes ○ No •
Remarks:		
Remarks.		
HYDROLOGY		
Wetland Hydrology Indicators:		Secondary Indicators (minimum of 2 required)
Primary Indicators (minimum of one required; check all that apply)		Surface Soil Cracks (B6)
U Surface Water (A1)	I PR II)	☐ Sparsely Vegetated Concave Surface (B8) ☐ Drainage Patterns (B10)
Saturation (A3)  Hydrogen Sulfide Odd		Moss Trim Lines (B16)
<u> </u>	s along Living Roots (C3)	Dry Season Water Table (C2)
Sediment Deposits (B2)  Presence of Reduced		Crayfish Burrows (C8)
☐ Drift Deposits (B3) ☐ Recent Iron Reductio	• •	Saturation Visible on Aerial Imagery (C9)
☐ Algal Mat or Crust (B4) ☐ Thin Muck Surface (C	7)	Geomorphic Position (D2)
☐ Iron Deposits (B5) ☐ Other (Explain in Ren	narks)	Shallow Aquitard (D3)
Inundation Visible on Aerial Imagery (B7)		FAC-Neutral Test (D5)
Water-Stained Leaves (B9)		Sphagnum moss (D8) (LRR T, U)
Field Observations:		
Surface Water Present? Yes No Depth (inches):		
Water Table Present? Yes No Depth (inches):		
Saturation Present?  (includes capillary frings)  Yes No Depth (inches):	Wetland H	lydrology Present? Yes O No 🖲
(includes capillary irringe)	manularia in an antiana) if a	
Describe Recorded Data (stream gauge, monitoring well, aerial photos,	previous inspections), ii a	valiable:
Remarks:		

#### **VEGETATION** (Five/Four Strata) - Use scientific names of plants.

		Dominant Species? _		Sampling Point: 5
	Absolute % Cover	Rel.Strat. Cover	Indicator Status	
1.	0	0.0%		Number of Dominant Species That are OBL, FACW, or FAC:  (A)
2.		0.0%		
3.	_	0.0%		Total Number of Dominant Species Across All Strata: 3 (B)
·		0.0%		Species Across Air Strata.
	0	0.0%		Percent of dominant Species That Are OBL FACW or FAC: 0.0% (A/B)
S	0	0.0%		That Are OBL, FACW, or FAC: 0.0% (A/B)
7	0	0.0%		Prevalence Index worksheet:
3	0	0.0%		Total % Cover of: Multiply by:
50% of Total Cover: 0 20% of Total Cover: 0	0 =	Total Cover		0BL speci es 0 x 1 = 0
Sapling or Sapling/Shrub Stratum (Plot size:	)			FACW species 0 x 2 = 0
	0	0.0%		FAC speci es 0 x 3 = 0
<u>.                                    </u>	0	0.0%		FACU species <u>45</u> x 4 = <u>180</u>
3	0	0.0%		UPL species $\frac{5}{}$ x 5 = $\frac{25}{}$
h	0	0.0%		Column Totals:
j	0	0.0%		Prevalence Index = B/A = 4.100
)				
·		0.0%		Hydrophytic Vegetation Indicators:
3	0	0.0%		1 - Rapid Test for Hydrophytic Vegetation
50% of Total Cover: 0 20% of Total Cover: 0	0 =	Total Cover		2 - Dominance Test is > 50%
Shrub Stratum (Plot size:)				3 - Prevalence Index is ≤3.0 <sup>1</sup>
	0	0.0%		☐ Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
). <sub></sub>	0	0.0%		
3	0	0.0%		<sup>1</sup> Indicators of hydric soil and wetland hydrology must
i	0	0.0%		be present, unless disturbed or problematic.
5	0	0.0%		Definition of Vegetation Strata:
5	0	0.0%		Tree - Woody plants, excluding woody vines,
50% of Total Cover:0 20% of Total Cover:0	0 =	= Total Cover		approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).
Herb Stratum (Plot size: 30' )				Carling Washington and discussed wines
1 Medicago polymorpha	25	50.0%	FACU	Sapling - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less
2. Saccharum officinarum		20.0%	FACU	than 3 in. (7.6 cm) DBH.
3. Cynodon dactylon	10	20.0%	FACU	
4. Lamium amplexicaule	5	10.0%	UPL	Sapling/Shrub - Woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1m) tall.
5				
6		0.0%		Shrub - Woody plants, excluding woody vines,
7		0.0%		approximately 3 to 20 ft (1 to 6 m) in height.
8		0.0%		Herb - All herbaceous (non-woody) plants, including
9		0.0%		herbaceous vines, regardless of size, and woody
0		0.0%		plants, except woody vines, less than approximately 3 ft (1 m) in height.
1 2.		0.0%		
50% of Total Cover: 25 20% of Total Cover: 10	<u>0</u> 50 =			Woody vine - All woody vines, regardless of height.
Woody Vine Stratum (Plot size:)				
I.	0	0.0%		
). 		0.0%		
3.	0	0.0%		
i	0	0.0%		
5.	0	0.0%		Hydrophytic
50% of Total Cover: 0 20% of Total Cover: 0	-	Total Cover	-	Vegetation Present? Yes ○ No ●
Remarks: (If observed, list morphological adaptations below).		= Total Cover		

SOIL Sampling Point: 5

Profile Descri	ption: (De	scribe to	the depth	n needed to docume	nt the indic	cator or co	onfirm the	absence of indicators.)
Depth		Matrix		R	edox Featu	ures		_
(inches)	Color (		%	Color (moist)	%	_Tvpe 1	Loc2	<u>Texture</u> Remarks
0-6	10YR	3/2	100					Clay Loam
6-20	10YR	4/3	80	10YR 6/4	20	С	М	Clay Loam
								·
			-					·
			-					
1 Type: C-Cope	ontration D		DM-Por	 duced Matrix, CS=Cove	rod or Coat	od Sand Gr	nine 21 oca	ation: PL=Pore Lining. M=Matrix
Hydric Soil II		=Depletioi	i. Rivi=Rec	auceu Mairix, C3=Cove	red or Coale	eu Sanu Gr	allis ~Luca	<del>*</del>
Histosol (A				Debagelye D	alau Curfaaa	(CO) (LDD	C T II)	Indicators for Problematic Hydric Soils <sup>3</sup> :
Histic Epip	•				elow Surface			1 cm Muck (A9) (LRR O)
Black Histi					urface (S9)			2 cm Muck (A10) (LRR S)
	Sulfide (A4)				ky Mineral (F			Reduced Vertic (F18) (outside MLRA 150A,B)
					ed Matrix (F.	2)		Piedmont Floodplain Soils (F19) (LRR P, S, T)
	ayers (A5)	DD D T 11	1)	Depleted Ma		_		Anomalous Bright Loamy Soils (F20) (MLRA 153B)
_	odies (A6) (L			=	Surface (F6)	•		Red Parent Material (TF2)
	(y Mineral (A		1, 0)		ark Surface (			
	ence (A8) (L				essions (F8)			Other (Explain in Remarks)
	(A9) (LRR I			☐ Marl (F10) (				
	Below Dark S		1)		chric (F11) (I		_	
	Surface (A1				nese Masses			
	rie Redox (A				ace (F13) (L		)	
	ck Mineral (S		, S)		(F17) (MLR			<sup>3</sup> Indicators of hydrophytic vegetation and
	yed Matrix (S	54)			ertic (F18) (M			wetland hydrology must be present,
Sandy Rec				Piedmont FI	oodplain Soi	ils (F19) (M	LRA 149A)	unless disturbed or problematic.
Stripped M				Anomalous	Bright Loam	y Soils (F20	) (MLRA 14	9A, 153C, 153D)
☐ Dark Surfa	ice (S7) (LRF	₹ P, S, T, L	J)					
Restrictive La	yer (if obs	erved):						
Type:								
Depth (inch	ies):							Hydric Soil Present? Yes ○ No ●
Remarks:								<del> </del>
Romans.								

#### APPENDIX B — PHOTOGRAPHS

Routine Wetland Delineation Appendices



Photo 1: Sample Plot 1



Photo 2: Sample Plot 1, facing east



Photo 3: Sample Plot 1, facing south



Photo 4: Sample Plot 2



Photo 5: Sample Plot 2, facing north



Photo 6: Sample Plot 2, facing south



Photo 7: Sample Plot 3



Photo 8: Sample Plot 3, facing east



Photo 9: Sample Plot 3, facing south



Photo 10: Sample Plot 5



Photo 11: Sample Plot 5, facing north



Photo 12: Sample Plot 5, facing east



Photo 13: Observation Point 1



Photo 14: Observation Point 1, facing east

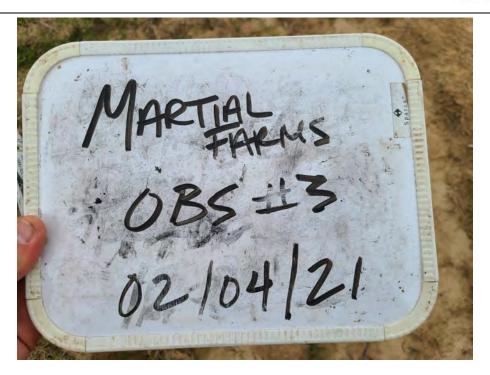


Photo 15: Observation Point 3



Photo 16: Observation Point 3, facing north



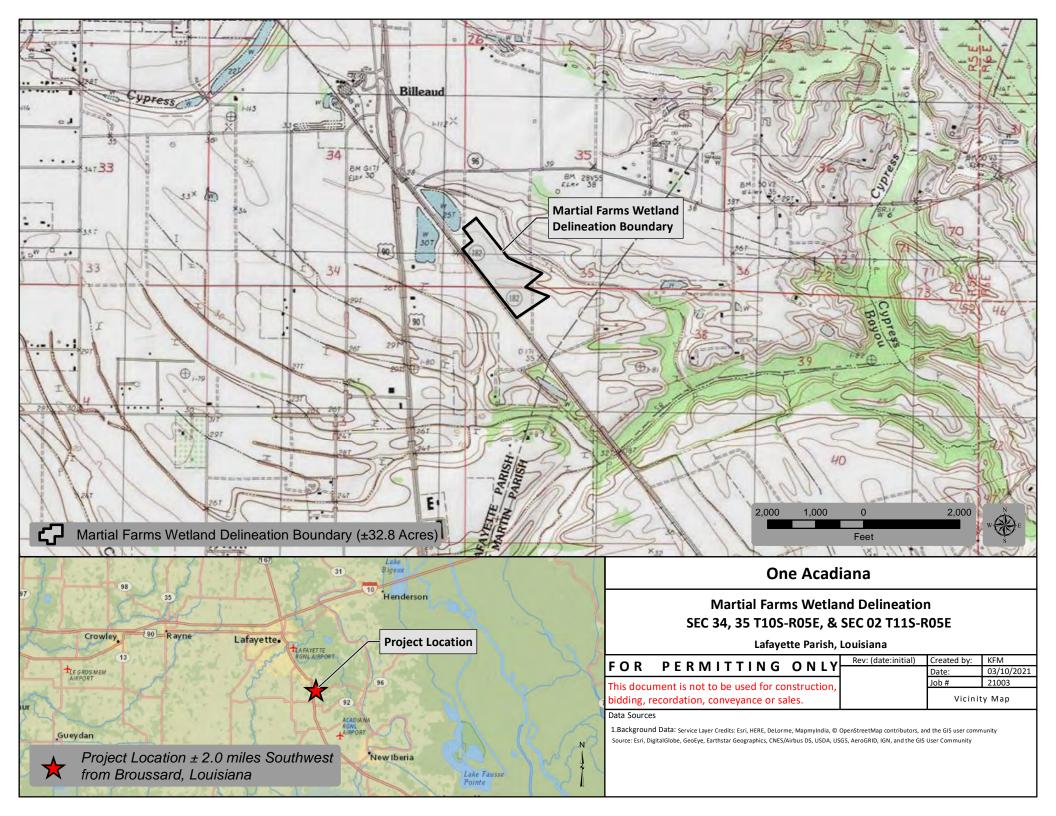
Photo 17: Observation Point 4

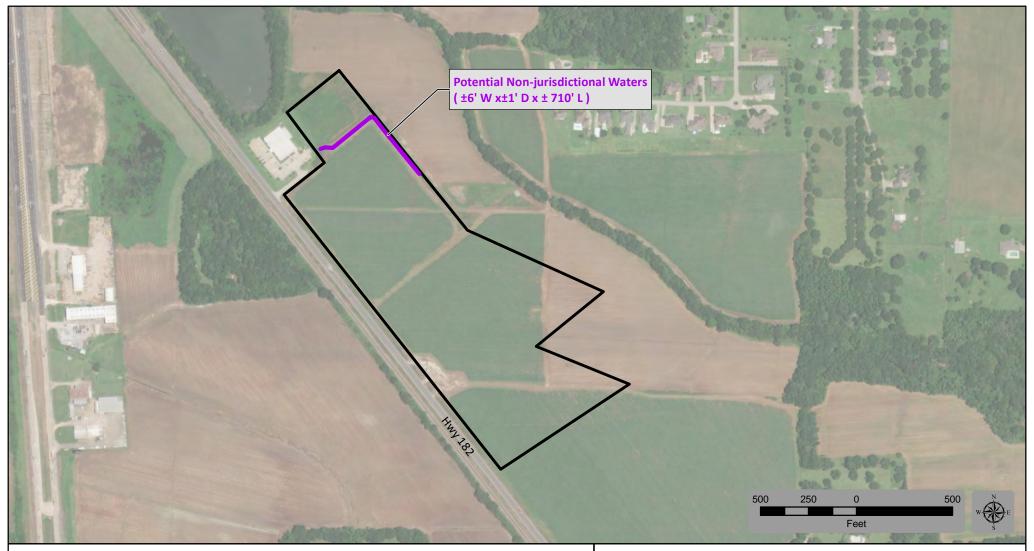


Photo 18: Observation Point 4, facing east

#### APPENDIX C - MAPS

Routine Wetland Delineation Appendices





#### No wetlands observed on the site.



Potential Non-jurisdictional Waters (± 0.10 Acres)



Martial Farms Wetland Delineation Boundary (±32.8 Acres)

#### **One Acadiana**

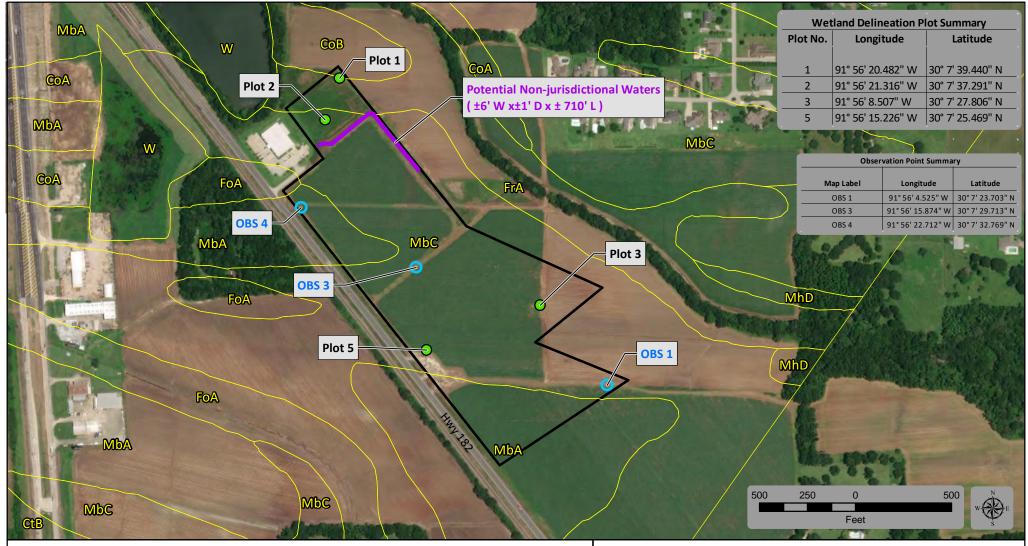
## Martial Farms Wetland Delineation SEC 34, 35 T10S-R05E, & SEC 02 T11S-R05E

Lafayette Parish, Louisiana

FOR PERMITTING ONLY	Rev: (date:initial)	Created by:	KFM
FOR PERMITTING ONLY		Date:	03/10/2021
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· ·		Wetland	Flagging
bidding, recordation, conveyance or sales.		Key	Мар

#### Data Sources

1.Background Data: Service Layer Credits: Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



### Lafayette Parish Soils Soil Symbol : Soil Name : Hydric Soil %

CoA:Coteau silt loam, 0 to 1 percent slopes:10%
CoB:Coteau silt loam, 1 to 3 percent slopes:10%
CtB:Coteau-Frost complex, gently undulating:35%
FoA:Frost silt loam:85%

FrA:Frost soils, occasionally flooded:90%

MbA:Memphis silt loam, 0 to 1 percent slopes:5%

MbC:Memphis silt loam, 1 to 5 percent slopes:0%

MhD:Memphis silt loam, 5 to 8 percent slopes:0%

MpB:Memphis-Frost complex, gently undulating:35%

W:Water:0%

#### No wetlands observed on the site

- Wetland Delineation Plot
- Observation Location

Potential Non-jurisdictional Waters (± 0.10 Acres)

- Lafayette Parish Soils
- Martial Farms Wetland Delineation Boundary (±32.8 Acres)

#### One Acadiana

## Martial Farms Wetland Delineation SEC 34, 35 T10S-R05E, & SEC 02 T11S-R05E

Lafayette Parish, Louisiana

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•		Aerial & Soil	
bidding, recordation, conveyance or sales.		M	ар

#### Data Sources

- 1.Background Data: Service Layer Credits: Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community (Aerial Image Date: 2019)
- 2. Soil Data Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture.
- Soil Survey Geographic (SSURGO) Database for [Lafayette Parish, Louisiana]. Available online





Martial Farms Wetland Delineation Boundary (±32.8 Acres)

#### **One Acadiana**

#### **Martial Farms Wetland Delineation** SEC 34, 35 T10S-R05E, & SEC 02 T11S-R05E

Lafayette Parish, Louisiana

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bidding, recordation, conveyance or sales.		M	ар

#### Data Sources

1.Background Data: Service Layer Credits: Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community (Aerial image Date: 2019)

2. Soil Data - Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. Soil Survey Geographic (SSURGO) Database for [Lafayette Parish, Louisiana]. Available online.





Martial Farms Wetland Delineation Boundary (±32.8 Acres)

#### **One Acadiana**

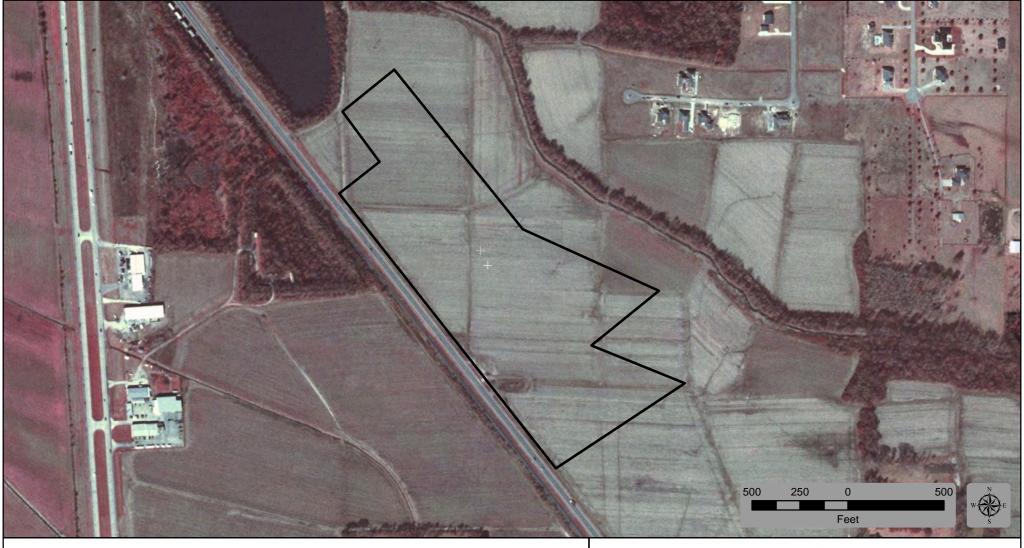
## Martial Farms Wetland Delineation SEC 34, 35 T10S-R05E, & SEC 02 T11S-R05E

Lafayette Parish, Louisiana

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·		1998	Aerial
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#### Data Sources

1.Background Data: Aerial Data - Data distributed by "Atlas: The Louisiana Statewide GIS." LSU Department of Geography and Anthropology, Baton Rouge, LA. http://atlas.lsu.edu..





Martial Farms Wetland Delineation Boundary (±32.8 Acres)

#### **One Acadiana**

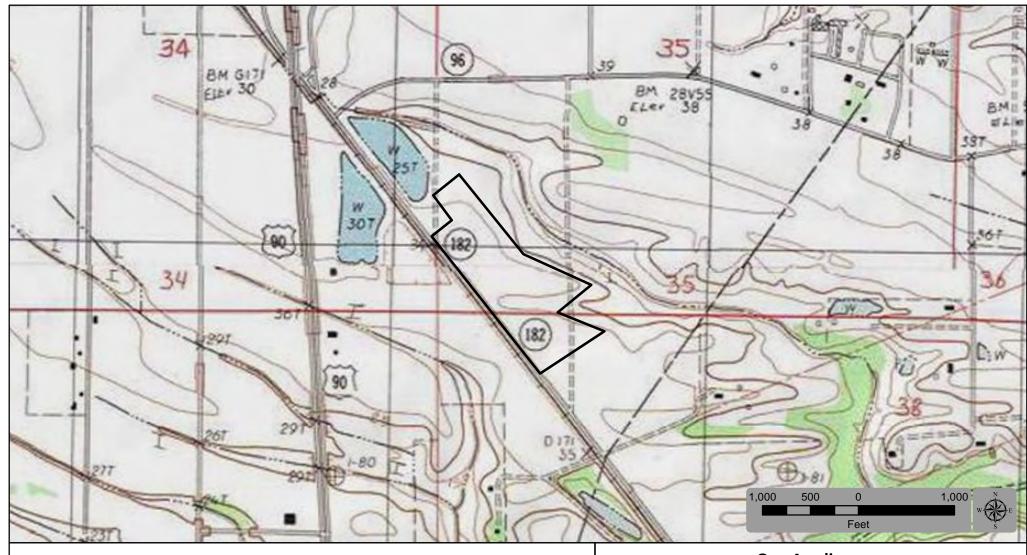
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#### Data Sources

1.Background Data: Aerial Data - Data distributed by "Atlas: The Louisiana Statewide GIS." LSU Department of Geography and Anthropology, Baton Rouge, LA. http://atlas.lsu.edu..



Boundary (±32.8 Acres)

#### **One Acadiana**

#### **Martial Farms Wetland Delineation** SEC 34, 35 T10S-R05E, & SEC 02 T11S-R05E

Lafayette Parish, Louisiana

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2' Elevation LIDAR Contours



Martial Farms Wetland Delineation Boundary (±32.8 Acres)

#### **One Acadiana**

## Martial Farms Wetland Delineation SEC 34, 35 T10S-R05E, & SEC 02 T11S-R05E

Lafayette Parish, Louisiana

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		Date:	03/10/2021
This document is not to be used for construction,	1	Job#	21003
•		LIDAR Map	
bidding, recordation, conveyance or sales.			

#### Data Sources

1.Background Data: Service Layer Credits: Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CMES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community 2. Elevation LIDAR Data distributed by "Atlas: The Louisiana Statewide GIS." LSU Department of Geography and Anthropology, Baton Rouge, LA. http://atlas.lsu.edu.