Exhibit W. Foti - Highway 3120 N Wetlands Delineation Report

DDG
DUPLANTIS DESIGN GROUP, PC

Baton Rouge Area Chamber®

March 8, 2018

Via Electronic Mail

Mr. Jim Cavanaugh
Baton Rouge Area Chamber
jim@brac.org

Re: Wetland Data Report
Foti Highway 3120 N Project
Ascension Parish, Louisiana
Providence Project No. 1204-001

Dear Mr. Cavanaugh:

On behalf of Baton Rouge Area Chamber (BRAC), Providence Engineering and Environmental Group LLC (Providence) is submitting this wetland data report for the Foti Highway 3120 N project (hereinafter referred to as Site) in Ascension Parish, Louisiana.

BACKGROUND

The purpose of this report is to present field data, habitat descriptions, and other pertinent information on the three diagnostic characteristics of wetlands. This report was prepared in accordance with the *Corps of Engineers Wetlands Delineation Manual* (U.S. Army Corps of Engineers, Waterways Experiment Station 1987) and subsequent guidance provided in the Regional Supplement to the *Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coastal Plain Region* (U.S. Army Corps of Engineers, Wetland Regulatory Assistance Program 2010). Providence biologists visited the Site on September 1, 2017, and collected field data on the three diagnostic wetland parameters – soils, vegetation, and hydrology.

Prior to field reconnaissance, Providence reviewed the Natural Resources Conservation Service (NRCS) Web Soil Survey (2016), the *Soil Survey of Ascension Parish* (United States Department of Agriculture, Soil Conservation Service 1990), United States Geological Survey (USGS) 7.5-minute topographic maps, and recent aerial photography. Included for your review are: **Figure 1** – Vicinity Map, **Figure 2** – Site Location Map, **Figure 3** - Aerial Photograph, **Figure 4** – Soils Map, **Exhibit 1** – Copies of Site Photographs, and **Exhibit 2** – Routine Wetland Determination Data Forms – Atlantic and Gulf Coastal Plain Region.

PROJECT LOCATION & DESCRIPTION

The 9.79-acre Site is centered at Latitude 30.097715°; Longitude -90.942316° in Sections 7 and 10, Township 11 South, Range 15 East of Ascension Parish. Access to the Site is via Simneaux Derrick Road. The Site is characterized by upland pasture with linear historical ephemeral drains.

SOILS

The NRCS Web Soil Survey was used to determine mapped soil series. The revised official series descriptions were used to confirm profile matrix, redox features, and texture of soils underlying the Site. The Web Soil Survey shows that the Site may be underlain by three soil map units (NRCS Web Soil Survey 2016). **Table 1** shows the soil map unit's individual soil components, component percentage, and hydric status in Ascension Parish (NRCS Survey Area Data, Version 11, September 23, 2016).

Table 1: NRCS Web Soil Survey Data

Map Unit Name	Soil Series/ Component	Component Percentage	Hydric Status
Cm: Commerce silt loam, 0 to 1 percent slopes			
	Commerce	65-88	No
	Bruin	4-15	No
	Tensas	3-10	--
	Sharkey	3-5	Yes
	Newelton	2-5	--
Co: Commerce silty clay loam			
	Commerce	90	No
	Sharkey	10	Yes
Tu: Thibaut clay, 0 to 1 percent slopes			
	Thibaut	85	Yes
	Schriever	10	Yes
	Cancienne	5	No

Providence collected soil samples between the surface and approximately 16 inches. The depth of each sample was sufficient to determine changes in upper horizons and to observe field indicators of hydric soils. Based on field observations, the wetland criterion for hydric soils was met at three of the five sample locations established by Providence to characterize the Site.

VEGETATION[1]

Indicator statuses for dominant vegetation on the Site consists of facultative upland (FACU), facultative (FAC), facultative wetland (FACW), and obligate (OBL) species. **Table 2** is a list of the dominant species observed at the Site.

Table 2: Dominant Plant Species

Common Name	Scientific Name	Cowardin Class
Bahia grass	*Paspalum notatum*	FACU
Big bluestem	*Andropogon gerardii*	FAC
Blunt spike-rush	*Eleocharis obtusa*	OBL

[1] Lichvar, R.W., M. Butterwick, N.C. Melvin, and W.N. Kirchner. 2014. *The National Wetland Plant List*: 2014 Update of Wetland Ratings. Phytoneuron 2014-41: 1-42

Common Name	Scientific Name	Cowardin Class
Lamp rush	*Juncus effusus*	OBL
Rusty flat sedge	*Cyperus odoratus*	FACW
Short-bristle horned beak sedge	*Rhynchospora corniculata*	OBL
Virginia buttonweed	*Diodia virginiana*	FACW

The wetland criterion for a prevalence of hydrophytic vegetation was met at four of the five sample locations established by Providence to characterize the Site.

HYDROLOGY

The Site is in the East Central Louisiana Coastal watershed; within the United States Geological Survey (USGS) Hydrologic Cataloguing Unit 08090301. Hydrology on the Site is influenced by rainfall and sheetflow. Primary and Secondary indicators of hydrology observed at the Site include: saturation, surface water, high water table, and positive FAC-neutral tests. The wetland criterion for hydrology was met at two of the five sample locations established by Providence biologists to characterize the Site.

CONCLUSIONS

It appears that approximately 1,152.49 linear feet (1.35 acres) of potential Other Waters of the U.S. from historical ephemeral drains may be present on the Site.

As requested in the solicitation for wetland services sent to Providence on August 17, 2017, below are the answers to the following questions:

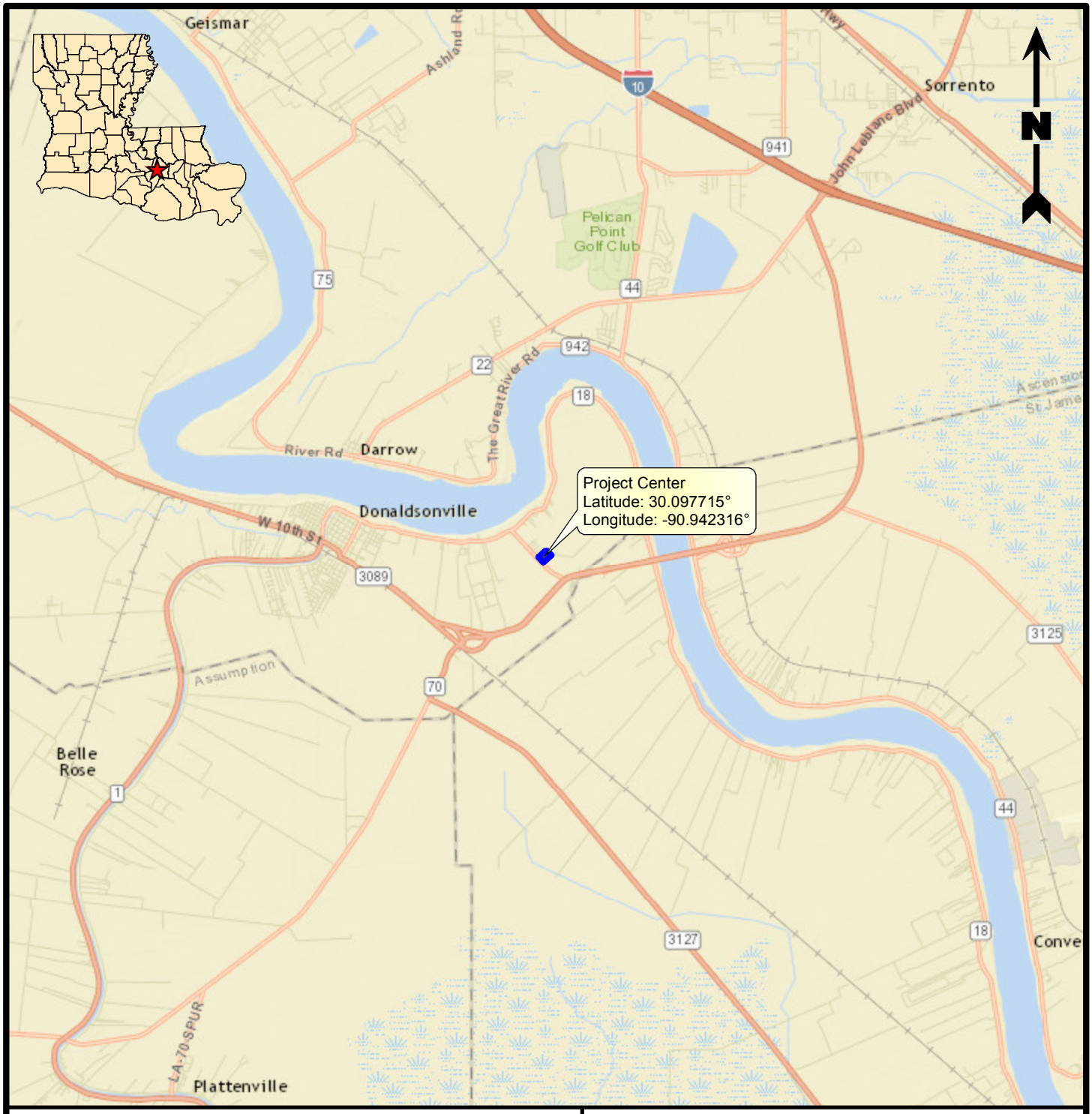
1. **Do wetlands and/or other waterways exist on or near the site?**
    a. Yes, other waters are present on the site and are included in the attached figures and shapefiles.
2. **If wetlands are present, has a section 404 Permit Application been submitted to USACE?**
    a. No
3. **If wetlands are present, has a section 404 Permit Application been received from USACE?**
    a. No
4. **If wetlands are present, have all wetlands on the site been mitigated?**
    a. No

If you have any questions or require additional information, please contact me at (225) 766-7400 or timkimmel@providenceeng.com.

Sincerely,

Tim Kimmel
Environmental Scientist
Providence Engineering and Environmental Group LLC
1201 Main Street
Baton Rouge, Louisiana 70802

FIGURES



2 1 0 2 Miles

Legend

Limits of Delineation (9.79 Acres)

Reference

Base map comprised of ESRI StreetMap USA data.

Vicinity Map

Wetland Data Report
Ascension Parish, Louisiana

Baton Rouge Area Chamber

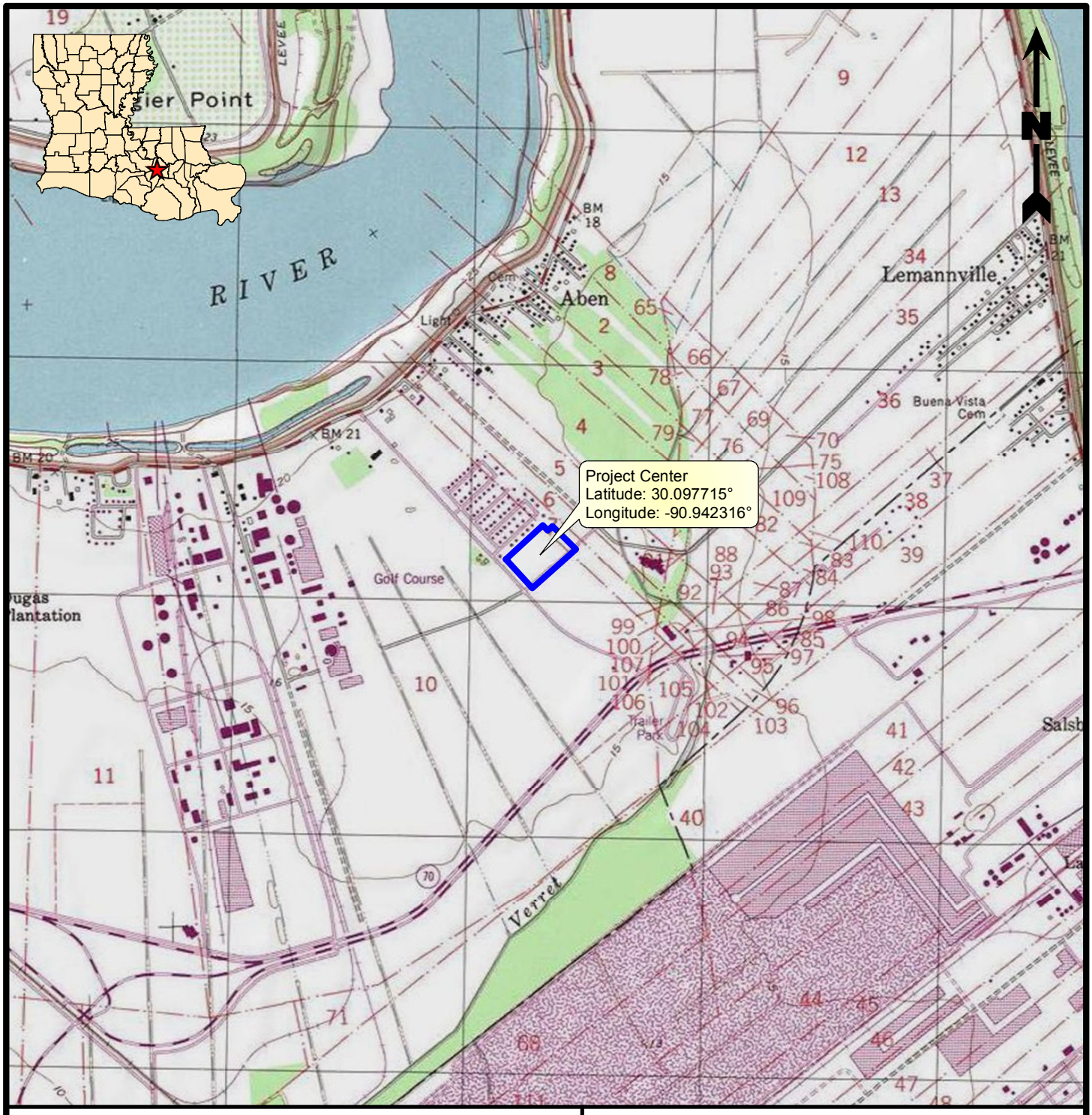
Foti Highway 3120 N Project

PROVIDENCE

Drawn By	LMM	09/11/17
Checked By	LMH	09/11/17
Approved By	TCK	09/11/17

Project Number	1204-001
Drawing Number	1204-001-A001

1 Figure



2,000 1,000 0 2,000 Feet

Legend

Limits of Delineation (9.79 Acres)

Reference

Base map comprised of United States Geological Survey (USGS) 7.5-minute topographic map, "Donaldsonville, LA".

Site Location Map

Wetland Data Report
Ascension Parish, Louisiana

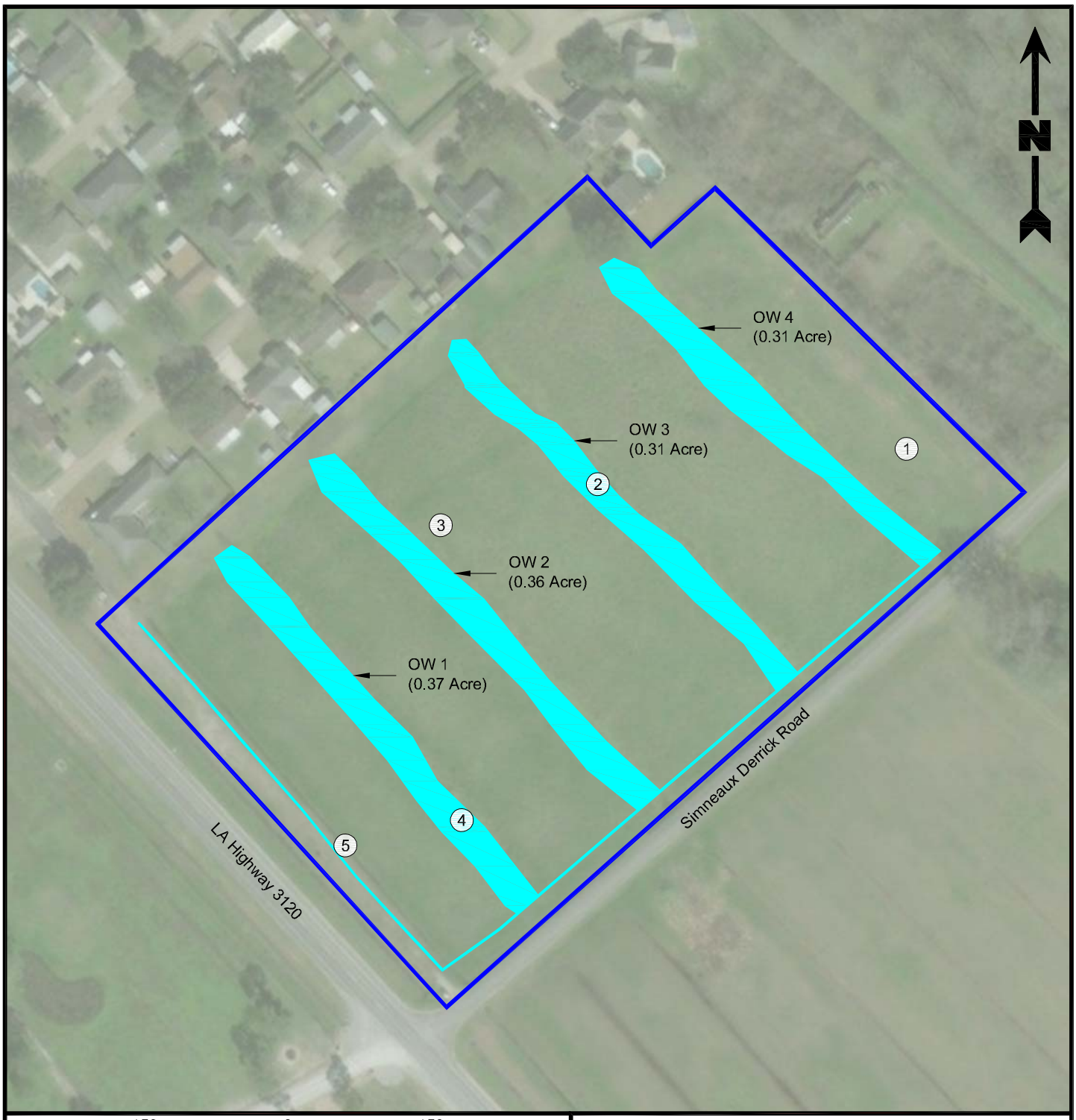
Baton Rouge Area Chamber

Foti Highway 3120 N Project

PROVIDENCE

Drawn By	LMM	09/11/17
Checked By	LMH	09/11/17
Approved By	TCK	09/11/17

Project Number	1204-001
Drawing Number	1204-001-A002
2	Figure



150 0 150

Scale: 1" = 150'

Legend

- Limits of Delineation (9.79 Acres)
- Potential Other Waters of The U.S. (1,152.49 Linear Feet; 1.35 Acres)
- (3) Sample Location

Reference

Base map comprised of Bing Maps aerial imagery from (c) 2017 Microsoft Corporation and its data suppliers, exported 09/11/17.

Aerial Photograph

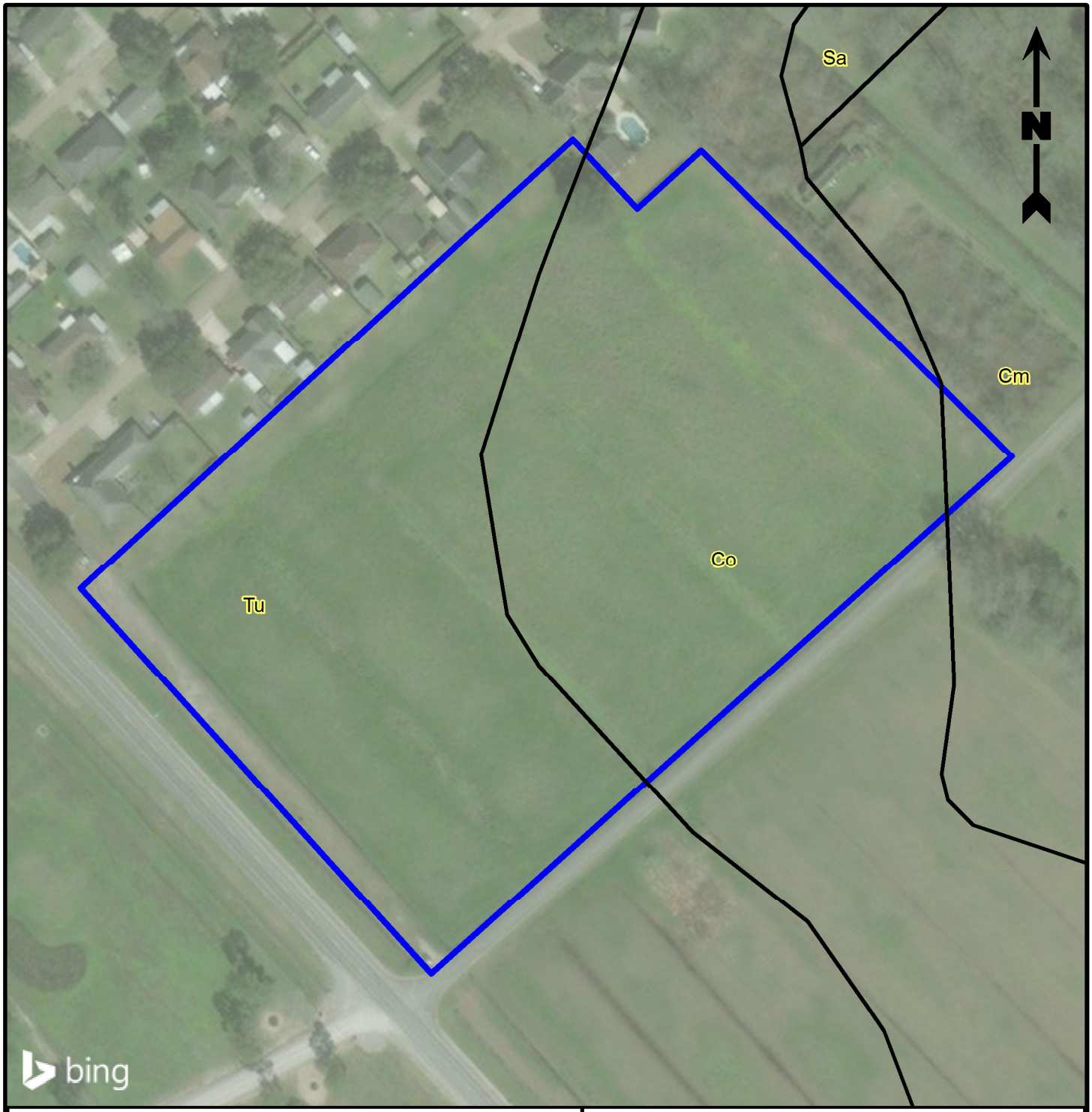
Wetland Data Report
Ascension Parish, Louisiana

Baton Rouge Area Chamber

Foti Highway 3120 N Project

PROVIDENCE

Drawn By	LMM	10/12/17
Checked By	LMH	10/12/17
Approved By	TCK	10/12/17
Project Number 1204-001		
Drawing Number 1204-001-A003		
3 Figure		



150 75 0 150
Feet

Legend

Limits of Delineation (9.79 Acres)

Soils Data:

Cm - Commerce silt loam
Co - Commerce silty clay loam
Tu - Thibaut clay, 0 to 1 percent slopes

Reference

Base map comprised of Bing Maps aerial imagery from (c) 2017 Microsoft Corporation and its data suppliers. Soils data obtained from Natural Resources Conservation Service (NRCS) data-server.

Soils Map

Wetland Data Report
Ascension Parish, Louisiana

Baton Rouge Area Chamber

Foti Highway 3120 N Project

PROVIDENCE

Drawn By	LMM	09/11/17
Checked By	LMH	09/11/17
Approved By	TCK	09/11/17

Project Number
1204-001

Drawing Number
1204-001-A004

4
Figure

EXHIBIT 1

COPIES OF SITE PHOTOGRAPHS

Site Name:	Foti Highway 3120 N
Site Location:	Ascension Parish, Louisiana
Date:	September 1, 2017

Photograph #1A

Direction:

N/A

Comments:

View of soil profile at Sample Location 1.

Photograph #1B

Direction:

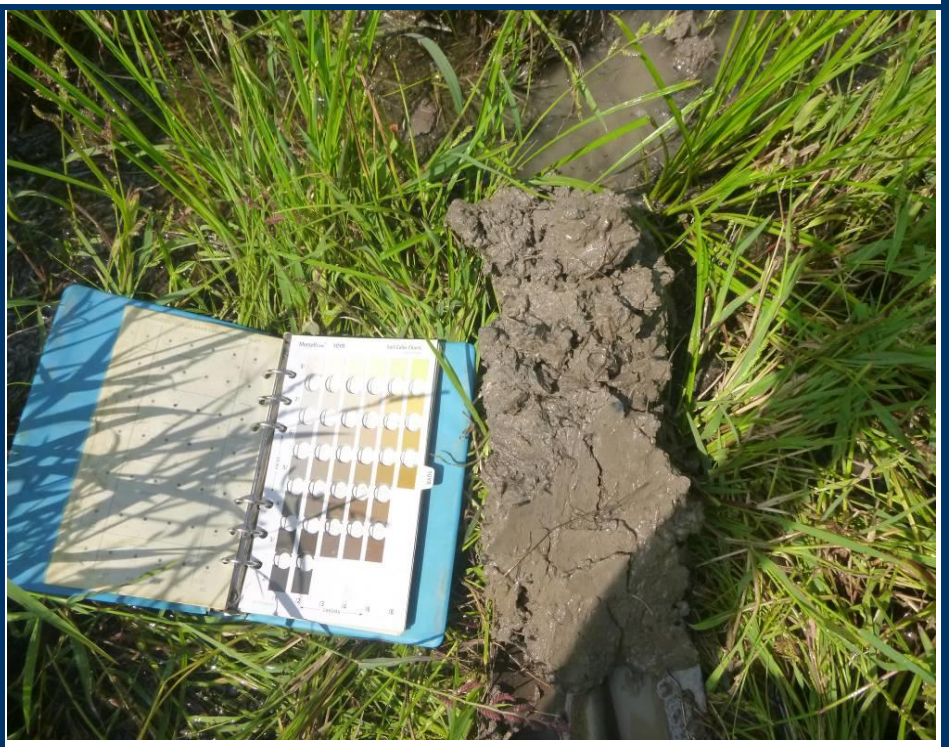
West

Comments:

View of habitat and typical landscape features at Sample Location 1.

Site Name:	Foti Highway 3120 N
Site Location:	Ascension Parish, Louisiana
Date:	September 1, 2017

Photograph #2A



Direction:

N/A

Comments:

View of soil profile at Sample Location 2.

Photograph #2B

Direction:

West

Comments:

View of habitat and typical landscape features at Sample Location 2.

Site Name:	Foti Highway 3120 N
Site Location:	Ascension Parish, Louisiana
Date:	September 1, 2017

Photograph #3A

Direction:

N/A

Comments:

View of soil profile at Sample Location 3.

Photograph #3B

Direction:

East

Comments:

View of habitat and typical landscape features at Sample Location 3.

Site Name:	Foti Highway 3120 N
Site Location:	Ascension Parish, Louisiana
Date:	September 1, 2017

Photograph #4A

Direction:

N/A

Comments:

View of soil profile at Sample Location 4.

No soil sample collected due to inundation.

Photograph #4B

Direction:

North

Comments:

View of habitat and typical landscape features at Sample Location 4.

Site Name:	Foti Highway 3120 N
Site Location:	Ascension Parish, Louisiana
Date:	September 1, 2017

Photograph #5A

Direction:

N/A

Comments:

View of soil profile at Sample Location 5.

Photograph #5B

Direction:

North

Comments:

View of habitat and typical landscape features at Sample Location 5.

EXHIBIT 2

ROUTINE WETLAND DETERMINATION DATA FORMS – ATLANTIC AND GULF COASTAL PLAIN REGION

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site:	Foti Highway 3120 N		Parish: Ascension	Sampling Date:	9/1/2017
Applicant/Owner:	Baton Rouge Area Chamber		State: Louisiana	Sampling Point:	1
Investigator(s):	Tanner Jones, Tim Kimmel		Section, Township, Range:	Section 7, Township 11 South, Range 15 East	
Landform (hillslope, terrace, etc.):	Flat		Local Relief (concave, convex, none): None		Slope: 0%
Subregion (LRR or MLRA):	LRR O	Lat: 30.098057°	Long: -90.941146°	Datum: NAD83	
Soil Map Unit Name:	Commerce silty clay loam			NWI Classification: None	

Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)
Are Vegetation_____, Soil_____, or Hydrology_____ significantly disturbed? No Are "Normal Circumstances" present? Yes
Are Vegetation_____, Soil_____, or Hydrology_____ naturally problematic? No (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS

Hydrophytic Vegetation Present?	No	
Hydric Soil Present?	No	**Is the Sampled Area within a Wetland?** **No**
Wetland Hydrology Present?	No	

Remarks:

HYDROLOGY

Wetland Hydrology Indicators

Primary Indicators (Need 1):

No	Surface Water (A1)	No	Water Stained Leaves (B9)	No	Surface Soil Cracked (B6)
No	High Water Table (A2)	No	Aquatic Fauna (B13)	No	Sparsely Veg. Concave Surface (B8)
No	Saturation (A3)	No	Marl Deposits (B15) **(LRR U)**	No	Drainage Patterns (B10)
No	Water Marks (B1)	No	Hydrogen Sulfide Odor (C1)	No	Moss Trim Lines (B16)
No	Sediment Deposits (B2)	No	Oxidized Root Channels (C3)	No	Dry-Season Water Table (C2)
No	Drift Deposits (B3)	No	Presence of Reduced Iron (C4)	No	Crayfish Burrows (C8)
No	Algal Mat or Crust (B4)	No	Recent Reduct. in Tilled Soils (C6)	No	Saturation on Aerial Imagery (C9)
No	Iron Deposits (B5)	No	Thin Muck Surface (C7)	No	Geomorphic Position (D2)
No	Inundation on Aerial Imagery (B7)	No	Other (Explain in Remarks)	No	Shallow Aquitard (D3)
				No	FAC-Neutral Test (D5)
				No	Sphagnum Moss (D8) **(LRR T, U)**

Secondary Indicators (Need 2):

Field Observations:

Surface Water Present?	None	Depth (inches):	N/A
Water table Present?	None	Depth (inches):	N/A
Saturation Present?	None	Depth (inches):	N/A

Wetland Hydrology Present? **No**

Remarks:

SOIL

Depth	Matrix		Redox Features				Texture
Inches	Color	%	Color	%	Type	Location	
0-16	10YR 3/3	95	10YR 5/8	5	C	M	silty clay

Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

No	Histol (A1)	No	Polyvalue Below Surface (S8) **(LRR S,T,U)**	No	1cm Muck (A9) **(LRR O)**
No	Histic Epipedon (A2)	No	Thin Dark Surface (S9) **(LRR S,T,U)**	No	2cm Muck (A10) **(LRR S)**
No	Black Histic (A3)	No	Loamy Mucky Mineral (F1) **(LRR (O)**	No	Reduced Vertic (F18) **(outside MLRA 150A,B)**
No	Hydrogen Sulfide (A4)	No	Loamy Gleyed Matrix (F2)	No	Piedmont Floodplain Soils (F19) **(LRR P,S,T)**
No	Stratified Layers (A5)	No	Depleted Matrix (F3)	No	Anomalous Bright Loamy Soils (F20) **(MLRA 153B)**
No	Organic Bodies (A6) **(LRR P,T,U)**	No	Redox Dark Surface (F6)	No	Red Parent Material (TF2)
No	5cm Mucky Mineral (A7) **(LRR P,T,U)**	No	Depleted Dark Surface (F7)	No	Very Shallow Dark Surface (TF12)
No	Muck Presence (A8) **(LRR U)**	No	Redox Depressions (F8)	No	Other (Explain)
No	1cm Muck (A9) **(LRR P,T)**	No	Marl (F10) **(LRR U)**		
No	Depleted Below Dark Surface (A11)	No	Depleted Ochric (F11) **(MLRA 151)**		
No	Thick Dark Surface (A12)	No	Iron-Manganese Masses (F12) **(LRR O,P,T)**		
No	Coast Prairie Redox (A16) **(MLRA 150A)**	No	Umbric Surface (F13) **(LRR P, T, U)**		
No	Sandy Mucky Mineral (S1) **(LRR O,S)**	No	Delta Ochric (F17) **(MLRA 151)**		
No	Sandy Gleyed Matrix (S4)	No	Reduced Vertic (F18) **(MLRA 150A, 150B)**		
No	Sandy Redox (S5)	No	Piedmont Floodplain Soils (F19) **(MLRA 149A)**		
No	Stripped Matrix S6)	No	Anomalous Bright Loamy Soils (F20) **(MRLA 149A, 153C, 153D)**		
No	Dark Surface (S7) **(LRR P, S, T, U)**				

Indicators for Problematic Soils:

Restrictive Layer (if observed):

Type: None
Depth inches: None

Hydric Soil Present? **No**

Remarks:

VEGETATION **SAMPLING POINT** 1

Tree Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status
None				

0 = Total Cover — 50/20 Threshold: 50% of Total Cover = 0; 20% of Total Cover = 0

Sapling Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status
None				

0 = Total Cover — 50/20 Threshold: 50% of Total Cover = 0; 20% of Total Cover = 0

Shrub Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status
None				

0 = Total Cover — 50/20 Threshold: 50% of Total Cover = 0; 20% of Total Cover = 0

Herb Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status
Andropogon gerardii		60	Yes	FAC
Paspalum notatum		40	Yes	FACU
Diodia virginiana		20	No	FACW
Sorghum halepense		20	No	FACU
Ipomoea cordatotriloba		20	No	FACU
Vicia ludoviciana		20	No	FACU
Mimosa pudica		10	No	FACU
Phleum pratense		10	No	FACU

200 = Total Cover — 50/20 Threshold: 50% of Total Cover = 100; 20% of Total Cover = 40

Woody Vine Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status
None				

0 = Total Cover — 50/20 Threshold: 50% of Total Cover = 0; 20% of Total Cover = 0

Dominance Test Worksheet:

Number of Dominant Species That are OBL, FACW, or FAC (A): 1

Total Number of Dominant Species Across All Strata: 2

Percent of Dominant Species That Are OBL, FACW, or FAC (A/B): 50.00%

Prevalence Index Worksheet:

Total % Cover of:		Multiply
	OBL	x1=
	FACW	x2=
	FAC	x3=
	FACU	x4=
	UPL	x5=
	A Totals	**B**

Prevalence Index (B/A)=

Hydrophytic Vegetation Indicators:

Rapid Test for Hydrophytic Veg:	No
Dominance Test > 50%:	No
Prevalence Index is ≤3.0:	N/A
Problematic Hydrophytic Veg:	No

Definitions of Vegetation Strata:

Tree - Woody plants, excluding woody vines, approximately 20' or more in height and 3" or larger in DBH.

Sapling - Woody plants, excluding woody vines, approximately 20' or more in height and less than 3" in DBH.

Shrub - Woody plants, excluding woody vines, approximately 3-20' in height.

Herb - All herbaceous plants, including herbaceous vines, regardless of size. Includes woody plants, except woody vines, less than approximately 3' in height.

Woody vine - All woody vines, regardless of height.

Remarks:

Hydrophytic Vegetation Present? **No**

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site:	Foti Highway 3120 N	Parish: Ascension		Sampling Date:	9/1/2017
Applicant/Owner:	Baton Rouge Area Chamber	State: Louisiana		Sampling Point:	2
Investigator(s):	Tanner Jones, Tim Kimmel	Section, Township, Range:		Section 10, Township 11 South, Range 15 East	
Landform (hillslope, terrace, etc.):	Flat	Local Relief (concave, convex, none): None			Slope: 0%
Subregion (LRR or MLRA):	LRR O	Lat: 30.097958°	Long: -90.942183°		Datum: NAD83
Soil Map Unit Name:	Commerce silty clay loam		NWI Classification: None		

Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)
Are Vegetation_____, Soil_____, or Hydrology_____ significantly disturbed? No Are "Normal Circumstances" present? Yes
Are Vegetation_____, Soil_____, or Hydrology_____ naturally problematic? No (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS

Hydrophytic Vegetation Present?	Yes	
Hydric Soil Present?	Yes	**Is the Sampled Area within a Wetland?** **Yes**
Wetland Hydrology Present?	Yes	

Remarks:

HYDROLOGY

Wetland Hydrology Indicators

Primary Indicators (Need 1):

No	Surface Water (A1)	No	Water Stained Leaves (B9)	No	Surface Soil Cracked (B6)
Yes	High Water Table (A2)	No	Aquatic Fauna (B13)	No	Sparsely Veg. Concave Surface (B8)
Yes	Saturation (A3)	No	Marl Deposits (B15) **(LRR U)**	No	Drainage Patterns (B10)
No	Water Marks (B1)	No	Hydrogen Sulfide Odor (C1)	No	Moss Trim Lines (B16)
No	Sediment Deposits (B2)	No	Oxidized Root Channels (C3)	No	Dry-Season Water Table (C2)
No	Drift Deposits (B3)	No	Presence of Reduced Iron (C4)	No	Crayfish Burrows (C8)
No	Algal Mat or Crust (B4)	No	Recent Reduct. in Tilled Soils (C6)	No	Saturation on Aerial Imagery (C9)
No	Iron Deposits (B5)	No	Thin Muck Surface (C7)	No	Geomorphic Position (D2)
No	Inundation on Aerial Imagery (B7)	No	Other (Explain in Remarks)	No	Shallow Aquitard (D3)
				Yes	FAC-Neutral Test (D5)
				No	Sphagnum Moss (D8) **(LRR T, U)**

Secondary Indicators (Need 2):

Field Observations:

Surface Water Present?	None	Depth (inches):	N/A
Water table Present?	Yes	Depth (inches):	16
Saturation Present?	Yes	Depth (inches):	0-16

Wetland Hydrology Present? **Yes**

Remarks:

SOIL

Depth	Matrix		Redox Features				Texture
Inches	Color	%	Color	%	Type	Location	
0-4	10YR 3/2	100					silty clay
4-16	10YR 4/2	95	10YR 3/6	5	C	M	silty clay

Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

No	Histol (A1)	No	Polyvalue Below Surface (S8) **(LRR S,T,U)**	No	1cm Muck (A9) **(LRR O)**
No	Histic Epipedon (A2)	No	Thin Dark Surface (S9) **(LRR S,T,U)**	No	2cm Muck (A10) **(LRR S)**
No	Black Histic (A3)	No	Loamy Mucky Mineral (F1) **(LRR (O)**	No	Reduced Vertic (F18) **(outside MLRA 150A,B)**
No	Hydrogen Sulfide (A4)	No	Loamy Gleyed Matrix (F2)	No	Piedmont Floodplain Soils (F19) **(LRR P,S,T)**
No	Stratified Layers (A5)	Yes	Depleted Matrix (F3)	No	Anomalous Bright Loamy Soils (F20) **(MLRA 153B)**
No	Organic Bodies (A6) **(LRR P,T,U)**	No	Redox Dark Surface (F6)	No	Red Parent Material (TF2)
No	5cm Mucky Mineral (A7) **(LRR P,T,U)**	No	Depleted Dark Surface (F7)	No	Very Shallow Dark Surface (TF12)
No	Muck Presence (A8) **(LRR U)**	No	Redox Depressions (F8)	No	Other (Explain)
No	1cm Muck (A9) **(LRR P,T)**	No	Marl (F10) **(LRR U)**		
No	Depleted Below Dark Surface (A11)	No	Depleted Ochric (F11) **(MLRA 151)**		
No	Thick Dark Surface (A12)	No	Iron-Manganese Masses (F12) **(LRR O,P,T)**		
No	Coast Prairie Redox (A16) **(MLRA 150A)**	No	Umbric Surface (F13) **(LRR P, T, U)**		
No	Sandy Mucky Mineral (S1) **(LRR O,S)**	No	Delta Ochric (F17) **(MLRA 151)**		
No	Sandy Gleyed Matrix (S4)	No	Reduced Vertic (F18) **(MLRA 150A, 150B)**		
No	Sandy Redox (S5)	No	Piedmont Floodplain Soils (F19) **(MLRA 149A)**		
No	Stripped Matrix S6)	No	Anomalous Bright Loamy Soils (F20) **(MRLA 149A, 153C, 153D)**		
No	Dark Surface (S7) **(LRR P, S, T, U)**				

Indicators for Problematic Soils:

Restrictive Layer (if observed):

Type: None
Depth inches: None

Hydric Soil Present? **Yes**

Remarks:

Tree Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status
None				

0 = Total Cover

50/20 Threshold
50% of Total Cover = 0
20% of Total Cover = 0

Sapling Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status
None				

0 = Total Cover

50/20 Threshold
50% of Total Cover = 0
20% of Total Cover = 0

Shrub Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status
None				

0 = Total Cover

50/20 Threshold
50% of Total Cover = 0
20% of Total Cover = 0

Herb Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status
Paspalum notatum		30	Yes	FACU
Juncus effusus		20	Yes	OBL
Rhynchospora corniculata		20	Yes	OBL
Cyperus odoratus		10	No	FACW
Persicaria pensylvanica		10	No	FACW

90 = Total Cover

50/20 Threshold
50% of Total Cover = 45
20% of Total Cover = 18

Woody Vine Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status
None				

0 = Total Cover

50/20 Threshold
50% of Total Cover = 0
20% of Total Cover = 0

Dominance Test Worksheet:

Number of Dominant Species That are OBL, FACW, or FAC (A): 2

Total Number of Dominant Species Across All Strata 3

Percent of Dominant Species That Are OBL, FACW, or FAC (A/B): 66.67%

Prevalence Index Worksheet:

Total % Cover of:		Multiply
	OBL	x1=
	FACW	x2=
	FAC	x3=
	FACU	x4=
	UPL	x5=
	A Totals	**B**

Prevalence Index (B/A)=

Hydrophytic Vegetation Indicators:

Rapid Test for Hydrophytic Veg:	No
Dominance Test > 50%:	Yes
Prevalence Index is ≤3.0:	N/A
Problematic Hydrophytic Veg:	No

Definitions of Vegetation Strata:

Tree - Woody plants, excluding woody vines, approximately 20' or more in height and 3" or larger in DBH.

Sapling - Woody plants, excluding woody vines, approximately 20' or more in height and less than 3" in DBH.

Shrub - Woody plants, excluding woody vines, approximately 3-20' in height.

Herb - All herbaceous plants, including herbaceous vines, regardless of size. Includes woody plants, except woody vines, less than approximately 3' in height.

Woody vine - All woody vines, regardless of height.

Remarks:

Hydrophytic Vegetation Present?
Yes

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site:	Foti Highway 3120 N	Parish: Ascension		Sampling Date:	9/1/2017
Applicant/Owner:	Baton Rouge Area Chamber	State: Louisiana		Sampling Point:	3
Investigator(s):	Tanner Jones, Tim Kimmel	Section, Township, Range:		Section 10, Township 11 South, Range 15 East	
Landform (hillslope, terrace, etc.):	Flat	Local Relief (concave, convex, none): None			Slope: 0-1%
Subregion (LRR or MLRA):	LRR O	Lat: 30.097854°	Long: -90.942705°		Datum: NAD83
Soil Map Unit Name:	Thibaut clay		NWI Classification: None		

Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)
Are Vegetation_____, Soil_____, or Hydrology_____ significantly disturbed? No Are "Normal Circumstances" present? Yes
Are Vegetation_____, Soil_____, or Hydrology_____ naturally problematic? No (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS

Hydrophytic Vegetation Present?	Yes	
Hydric Soil Present?	No	**Is the Sampled Area within a Wetland?** **No**
Wetland Hydrology Present?	No	

Remarks:

HYDROLOGY

Wetland Hydrology Indicators

Primary Indicators (Need 1):

No	Surface Water (A1)	No	Water Stained Leaves (B9)	No	Surface Soil Cracked (B6)
No	High Water Table (A2)	No	Aquatic Fauna (B13)	No	Sparsely Veg. Concave Surface (B8)
No	Saturation (A3)	No	Marl Deposits (B15) **(LRR U)**	No	Drainage Patterns (B10)
No	Water Marks (B1)	No	Hydrogen Sulfide Odor (C1)	No	Moss Trim Lines (B16)
No	Sediment Deposits (B2)	No	Oxidized Root Channels (C3)	No	Dry-Season Water Table (C2)
No	Drift Deposits (B3)	No	Presence of Reduced Iron (C4)	No	Crayfish Burrows (C8)
No	Algal Mat or Crust (B4)	No	Recent Reduct. in Tilled Soils (C6)	No	Saturation on Aerial Imagery (C9)
No	Iron Deposits (B5)	No	Thin Muck Surface (C7)	No	Geomorphic Position (D2)
No	Inundation on Aerial Imagery (B7)	No	Other (Explain in Remarks)	No	Shallow Aquitard (D3)
				Yes	FAC-Neutral Test (D5)
				No	Sphagnum Moss (D8) **(LRR T, U)**

Secondary Indicators (Need 2):

Field Observations:

Surface Water Present?	None	Depth (inches):	N/A
Water table Present?	None	Depth (inches):	N/A
Saturation Present?	None	Depth (inches):	N/A

Wetland Hydrology Present? **No**

Remarks:

SOIL

Depth	Matrix		Redox Features				Texture
Inches	Color	%	Color	%	Type	Location	
0-16	10YR 4/3	95	10YR 3/6	5	C	M	clay

Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

No	Histol (A1)	No	Polyvalue Below Surface (S8) **(LRR S,T,U)**	No	1cm Muck (A9) **(LRR O)**
No	Histic Epipedon (A2)	No	Thin Dark Surface (S9) **(LRR S,T,U)**	No	2cm Muck (A10) **(LRR S)**
No	Black Histic (A3)	No	Loamy Mucky Mineral (F1) **(LRR (O)**	No	Reduced Vertic (F18) **(outside MLRA 150A,B)**
No	Hydrogen Sulfide (A4)	No	Loamy Gleyed Matrix (F2)	No	Piedmont Floodplain Soils (F19) **(LRR P,S,T)**
No	Stratified Layers (A5)	No	Depleted Matrix (F3)	No	Anomalous Bright Loamy Soils (F20) **(MLRA 153B)**
No	Organic Bodies (A6) **(LRR P,T,U)**	No	Redox Dark Surface (F6)	No	Red Parent Material (TF2)
No	5cm Mucky Mineral (A7) **(LRR P,T,U)**	No	Depleted Dark Surface (F7)	No	Very Shallow Dark Surface (TF12)
No	Muck Presence (A8) **(LRR U)**	No	Redox Depressions (F8)	No	Other (Explain)
No	1cm Muck (A9) **(LRR P,T)**	No	Marl (F10) **(LRR U)**		
No	Depleted Below Dark Surface (A11)	No	Depleted Ochric (F11) **(MLRA 151)**		
No	Thick Dark Surface (A12)	No	Iron-Manganese Masses (F12) **(LRR O,P,T)**		
No	Coast Prairie Redox (A16) **(MLRA 150A)**	No	Umbric Surface (F13) **(LRR P, T, U)**		
No	Sandy Mucky Mineral (S1) **(LRR O,S)**	No	Delta Ochric (F17) **(MLRA 151)**		
No	Sandy Gleyed Matrix (S4)	No	Reduced Vertic (F18) **(MLRA 150A, 150B)**		
No	Sandy Redox (S5)	No	Piedmont Floodplain Soils (F19) **(MLRA 149A)**		
No	Stripped Matrix S6)	No	Anomalous Bright Loamy Soils (F20) **(MRLA 149A, 153C, 153D)**		
No	Dark Surface (S7) **(LRR P, S, T, U)**				

Indicators for Problematic Soils:

Restrictive Layer (if observed):

Type: None
Depth inches: None

Hydric Soil Present? **No**

Remarks:

Tree Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status
None				

0 = Total Cover — 50/20 Threshold: 50% of Total Cover = 0; 20% of Total Cover = 0

Sapling Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status
None				

0 = Total Cover — 50/20 Threshold: 50% of Total Cover = 0; 20% of Total Cover = 0

Shrub Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status
None				

0 = Total Cover — 50/20 Threshold: 50% of Total Cover = 0; 20% of Total Cover = 0

Herb Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status
Diodia virginiana		25	Yes	FACW
Paspalum notatum		20	No	FACU
Ampelopsis arborea		20	No	FAC
Vicia ludoviciana		10	No	FACU
Phleum pratense		10	No	FACU
Mimosa pudica		10	No	FACU
Ipomoea cordatotriloba		10	No	FACU
Verbena bonariensis		5	No	FAC

110 = Total Cover — 50/20 Threshold: 50% of Total Cover = 55; 20% of Total Cover = 22

Woody Vine Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status
None				

0 = Total Cover — 50/20 Threshold: 50% of Total Cover = 0; 20% of Total Cover = 0

Dominance Test Worksheet:

Number of Dominant Species That are OBL, FACW, or FAC (A): 1

Total Number of Dominant Species Across All Strata: 1

Percent of Dominant Species That Are OBL, FACW, or FAC (A/B): 100.00%

Prevalence Index Worksheet:

Total % Cover of:		Multiply
	OBL	x1=
	FACW	x2=
	FAC	x3=
	FACU	x4=
	UPL	x5=
	A Totals	**B**

Prevalence Index (B/A)=

Hydrophytic Vegetation Indicators:

Rapid Test for Hydrophytic Veg:	No
Dominance Test > 50%:	Yes
Prevalence Index is ≤3.0:	N/A
Problematic Hydrophytic Veg:	No

Definitions of Vegetation Strata:

Tree - Woody plants, excluding woody vines, approximately 20' or more in height and 3" or larger in DBH.

Sapling - Woody plants, excluding woody vines, approximately 20' or more in height and less than 3" in DBH.

Shrub - Woody plants, excluding woody vines, approximately 3-20' in height.

Herb - All herbaceous plants, including herbaceous vines, regardless of size. Includes woody plants, except woody vines, less than approximately 3' in height.

Woody vine - All woody vines, regardless of height.

Remarks:

Hydrophytic Vegetation Present? **Yes**

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site:	Foti Highway 3120 N		Parish: Ascension	Sampling Date:	9/1/2017
Applicant/Owner:	Baton Rouge Area Chamber		State: Louisiana	Sampling Point:	4
Investigator(s):	Tanner Jones, Tim Kimmel		Section, Township, Range:	Section 10, Township 11 South, Range 15 East	
Landform (hillslope, terrace, etc.):	Flat		Local Relief (concave, convex, none): None		Slope: 0-1%
Subregion (LRR or MLRA):	LRR O	Lat: 30.097003°	Long: -90.942635°	Datum: NAD83	
Soil Map Unit Name:	Thibaut clay			NWI Classification: None	

Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)
Are Vegetation_____, Soil_____, or Hydrology_____ significantly disturbed? No Are "Normal Circumstances" present? Yes
Are Vegetation_____, Soil_____, or Hydrology_____ naturally problematic? No (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS

Hydrophytic Vegetation Present?	Yes	
Hydric Soil Present?	Yes	**Is the Sampled Area within a Wetland?** **Yes**
Wetland Hydrology Present?	Yes	

Remarks:

HYDROLOGY

Wetland Hydrology Indicators

Primary Indicators (Need 1):

Yes	Surface Water (A1)	No	Water Stained Leaves (B9)	No	Surface Soil Cracked (B6)
No	High Water Table (A2)	No	Aquatic Fauna (B13)	No	Sparsely Veg. Concave Surface (B8)
No	Saturation (A3)	No	Marl Deposits (B15) **(LRR U)**	No	Drainage Patterns (B10)
No	Water Marks (B1)	No	Hydrogen Sulfide Odor (C1)	No	Moss Trim Lines (B16)
No	Sediment Deposits (B2)	No	Oxidized Root Channels (C3)	No	Dry-Season Water Table (C2)
No	Drift Deposits (B3)	No	Presence of Reduced Iron (C4)	No	Crayfish Burrows (C8)
No	Algal Mat or Crust (B4)	No	Recent Reduct. in Tilled Soils (C6)	No	Saturation on Aerial Imagery (C9)
No	Iron Deposits (B5)	No	Thin Muck Surface (C7)	No	Geomorphic Position (D2)
No	Inundation on Aerial Imagery (B7)	No	Other (Explain in Remarks)	No	Shallow Aquitard (D3)
				Yes	FAC-Neutral Test (D5)
				No	Sphagnum Moss (D8) **(LRR T, U)**

Secondary Indicators (Need 2):

Field Observations:

Surface Water Present?	Yes	Depth (inches):	6
Water table Present?	None	Depth (inches):	N/A
Saturation Present?	None	Depth (inches):	N/A

Wetland Hydrology Present? **Yes**

Remarks:

SOIL

Depth	Matrix		Redox Features				Texture
Inches	Color	%	Color	%	Type	Location	
N/A							

Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

No	Histol (A1)	No	Polyvalue Below Surface (S8) **(LRR S,T,U)**	No	1cm Muck (A9) **(LRR O)**
No	Histic Epipedon (A2)	No	Thin Dark Surface (S9) **(LRR S,T,U)**	No	2cm Muck (A10) **(LRR S)**
No	Black Histic (A3)	No	Loamy Mucky Mineral (F1) **(LRR (O)**	No	Reduced Vertic (F18) **(outside MLRA 150A,B)**
No	Hydrogen Sulfide (A4)	No	Loamy Gleyed Matrix (F2)	No	Piedmont Floodplain Soils (F19) **(LRR P,S,T)**
No	Stratified Layers (A5)	No	Depleted Matrix (F3)	No	Anomalous Bright Loamy Soils (F20) **(MLRA 153B)**
No	Organic Bodies (A6) **(LRR P,T,U)**	No	Redox Dark Surface (F6)	No	Red Parent Material (TF2)
No	5cm Mucky Mineral (A7) **(LRR P,T,U)**	No	Depleted Dark Surface (F7)	No	Very Shallow Dark Surface (TF12)
No	Muck Presence (A8) **(LRR U)**	No	Redox Depressions (F8)	No	Other (Explain)
No	1cm Muck (A9) **(LRR P,T)**	No	Marl (F10) **(LRR U)**		
No	Depleted Below Dark Surface (A11)	No	Depleted Ochric (F11) **(MLRA 151)**		
No	Thick Dark Surface (A12)	No	Iron-Manganese Masses (F12) **(LRR O,P,T)**		
No	Coast Prairie Redox (A16) **(MLRA 150A)**	No	Umbric Surface (F13) **(LRR P, T, U)**		
No	Sandy Mucky Mineral (S1) **(LRR O,S)**	No	Delta Ochric (F17) **(MLRA 151)**		
No	Sandy Gleyed Matrix (S4)	No	Reduced Vertic (F18) **(MLRA 150A, 150B)**		
No	Sandy Redox (S5)	No	Piedmont Floodplain Soils (F19) **(MLRA 149A)**		
No	Stripped Matrix S6)	No	Anomalous Bright Loamy Soils (F20) **(MRLA 149A, 153C, 153D)**		
No	Dark Surface (S7) **(LRR P, S, T, U)**				

Indicators for Problematic Soils:

Restrictive Layer (if observed):

Type: None
Depth inches: None

Hydric Soil Present? **Yes**

Remarks:

No soil sample collected. Soils assumed hydric due to extent and duration of inundation.

Tree Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status
None				

0 = Total Cover — 50/20 Threshold: 50% of Total Cover = 0; 20% of Total Cover = 0

Sapling Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status
None				

0 = Total Cover — 50/20 Threshold: 50% of Total Cover = 0; 20% of Total Cover = 0

Shrub Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status
None				

0 = Total Cover — 50/20 Threshold: 50% of Total Cover = 0; 20% of Total Cover = 0

Herb Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status
Eleocharis obtusa		30	Yes	OBL
Cyperus odoratus		20	Yes	FACW
Paspalum notatum		15	No	FACU
Juncus effusus		15	No	OBL
Carex crus-corvi		10	No	OBL

90 = Total Cover — 50/20 Threshold: 50% of Total Cover = 45; 20% of Total Cover = 18

Woody Vine Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status
None				

0 = Total Cover — 50/20 Threshold: 50% of Total Cover = 0; 20% of Total Cover = 0

Dominance Test Worksheet:

Number of Dominant Species That are OBL, FACW, or FAC (A): 2

Total Number of Dominant Species Across All Strata: 2

Percent of Dominant Species That Are OBL, FACW, or FAC (A/B): 100.00%

Prevalence Index Worksheet:

Total % Cover of:		Multiply
	OBL	x1=
	FACW	x2=
	FAC	x3=
	FACU	x4=
	UPL	x5=
	A Totals	**B**

Prevalence Index (B/A)=

Hydrophytic Vegetation Indicators:

Rapid Test for Hydrophytic Veg:	No
Dominance Test > 50%:	Yes
Prevalence Index is ≤3.0:	N/A
Problematic Hydrophytic Veg:	No

Definitions of Vegetation Strata:

Tree - Woody plants, excluding woody vines, approximately 20' or more in height and 3" or larger in DBH.

Sapling - Woody plants, excluding woody vines, approximately 20' or more in height and less than 3" in DBH.

Shrub - Woody plants, excluding woody vines, approximately 3-20' in height.

Herb - All herbaceous plants, including herbaceous vines, regardless of size. Includes woody plants, except woody vines, less than approximately 3' in height.

Woody vine - All woody vines, regardless of height.

Remarks:

Hydrophytic Vegetation Present? **Yes**

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site:	Foti Highway 3120 N		Parish: Ascension	Sampling Date:	9/1/2017
Applicant/Owner:	Baton Rouge Area Chamber		State: Louisiana	Sampling Point:	5
Investigator(s):	Tanner Jones, Tim Kimmel		Section, Township, Range:	Section 10, Township 11 South, Range 15 East	
Landform (hillslope, terrace, etc.):	Flat		Local Relief (concave, convex, none): None		Slope: 0-1%
Subregion (LRR or MLRA):	LRR O	Lat: 30.096930°	Long: -90.943007°	Datum: NAD83	
Soil Map Unit Name:	Thibaut clay			NWI Classification: None	

Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)
Are Vegetation_____, Soil_____, or Hydrology_____ significantly disturbed? No Are "Normal Circumstances" present? Yes
Are Vegetation_____, Soil_____, or Hydrology_____ naturally problematic? No (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS

Hydrophytic Vegetation Present?	Yes	
Hydric Soil Present?	Yes	**Is the Sampled Area within a Wetland?** **No**
Wetland Hydrology Present?	No	

Remarks:

HYDROLOGY

Wetland Hydrology Indicators

Primary Indicators (Need 1):

No	Surface Water (A1)	No	Water Stained Leaves (B9)	No	Surface Soil Cracked (B6)
No	High Water Table (A2)	No	Aquatic Fauna (B13)	No	Sparsely Veg. Concave Surface (B8)
No	Saturation (A3)	No	Marl Deposits (B15) **(LRR U)**	No	Drainage Patterns (B10)
No	Water Marks (B1)	No	Hydrogen Sulfide Odor (C1)	No	Moss Trim Lines (B16)
No	Sediment Deposits (B2)	No	Oxidized Root Channels (C3)	No	Dry-Season Water Table (C2)
No	Drift Deposits (B3)	No	Presence of Reduced Iron (C4)	No	Crayfish Burrows (C8)
No	Algal Mat or Crust (B4)	No	Recent Reduct. in Tilled Soils (C6)	No	Saturation on Aerial Imagery (C9)
No	Iron Deposits (B5)	No	Thin Muck Surface (C7)	No	Geomorphic Position (D2)
No	Inundation on Aerial Imagery (B7)	No	Other (Explain in Remarks)	No	Shallow Aquitard (D3)
				No	FAC-Neutral Test (D5)
				No	Sphagnum Moss (D8) **(LRR T, U)**

Secondary Indicators (Need 2):

Field Observations:

Surface Water Present?	None	Depth (inches):	N/A
Water table Present?	None	Depth (inches):	N/A
Saturation Present?	None	Depth (inches):	N/A

Wetland Hydrology Present? **No**

Remarks:

SOIL

Depth	Matrix		Redox Features				Texture
Inches	Color	%	Color	%	Type	Location	
0-4	10YR 3/2	100					clay
4-16	10YR 4/2	90	10YR 3/6	10	C	M	clay

Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

No	Histol (A1)	No	Polyvalue Below Surface (S8) **(LRR S,T,**	No	1cm Muck (A9) **(LRR O)**
No	Histic Epipedon (A2)	No	Thin Dark Surface (S9) **(LRR S,T,U)**	No	2cm Muck (A10) **(LRR S)**
No	Black Histic (A3)	No	Loamy Mucky Mineral (F1) **(LRR (O)**	No	Reduced Vertic (F18) **(outside MLRA 150A,B)**
No	Hydrogen Sulfide (A4)	No	Loamy Gleyed Matrix (F2)	No	Piedmont Floodplain Soils (F19) **(LRR P,S,T)**
No	Stratified Layers (A5)	Yes	Depleted Matrix (F3)	No	Anomalous Bright Loamy Soils (F20) **(MLRA 153B)**
No	Organic Bodies (A6) **(LRR P,T,U)**	No	Redox Dark Surface (F6)	No	Red Parent Material (TF2)
No	5cm Mucky Mineral (A7) **(LRR P,T,U)**	No	Depleted Dark Surface (F7)	No	Very Shallow Dark Surface (TF12)
No	Muck Presence (A8) **(LRR U)**	No	Redox Depressions (F8)	No	Other (Explain)
No	1cm Muck (A9) **(LRR P,T)**	No	Marl (F10) **(LRR U)**		
No	Depleted Below Dark Surface (A11)	No	Depleted Ochric (F11) **(MLRA 151)**		
No	Thick Dark Surface (A12)	No	Iron-Manganese Masses (F12) **(LRR O,P,T)**		
No	Coast Prairie Redox (A16) **(MLRA 150**	No	Umbric Surface (F13) **(LRR P, T, U)**		
No	Sandy Mucky Mineral (S1) **(LRR O,S)**	No	Delta Ochric (F17) **(MLRA 151)**		
No	Sandy Gleyed Matrix (S4)	No	Reduced Vertic (F18) **(MLRA 150A, 150B)**		
No	Sandy Redox (S5)	No	Piedmont Floodplain Soils (F19) **(MLRA 149A)**		
No	Stripped Matrix S6)	No	Anomalous Bright Loamy Soils (F20) **(MRLA 149A, 153C, 153D)**		
No	Dark Surface (S7) **(LRR P, S, T, U)**				

Indicators for Problematic Soils:

Restrictive Layer (if observed):

Type: None
Depth inches: None

Hydric Soil Present? **Yes**

Remarks:

Tree Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status
None				

0 = Total Cover

50/20 Threshold
50% of Total Cover = 0
20% of Total Cover = 0

Sapling Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status
None				

0 = Total Cover

50/20 Threshold
50% of Total Cover = 0
20% of Total Cover = 0

Shrub Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status
None				

0 = Total Cover

50/20 Threshold
50% of Total Cover = 0
20% of Total Cover = 0

Herb Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status
Andropogon gerardii		60	Yes	FAC
Paspalum notatum		30	No	FACU
Diodia virginiana		20	No	FACW
Sorghum halepense		20	No	FACU
Ipomoea cordatotriloba		20	No	FACU
Vicia ludoviciana		20	No	FACU
Mimosa pudica		10	No	FACU
Phleum pratense		10	No	FACU

190 = Total Cover

50/20 Threshold
50% of Total Cover = 95
20% of Total Cover = 38

Woody Vine Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status
None				

0 = Total Cover

50/20 Threshold
50% of Total Cover = 0
20% of Total Cover = 0

Dominance Test Worksheet:

Number of Dominant Species That are OBL, FACW, or FAC (A): 1

Total Number of Dominant Species Across All Strata 1

Percent of Dominant Species That Are OBL, FACW, or FAC (A/B): 100.00%

Prevalence Index Worksheet:

Total % Cover of:		Multiply
	OBL	x1=
	FACW	x2=
	FAC	x3=
	FACU	x4=
	UPL	x5=
	A Totals	**B**

Prevalence Index (B/A)=

Hydrophytic Vegetation Indicators:

Rapid Test for Hydrophytic Veg:	No
Dominance Test > 50%:	Yes
Prevalence Index is ≤3.0:	N/A
Problematic Hydrophytic Veg:	No

Definitions of Vegetation Strata:

Tree - Woody plants, excluding woody vines, approximately 20' or more in height and 3" or larger in DBH.

Sapling - Woody plants, excluding woody vines, approximately 20' or more in height and less than 3" in DBH.

Shrub - Woody plants, excluding woody vines, approximately 3-20' in height.

Herb - All herbaceous plants, including herbaceous vines, regardless of size. Includes woody plants, except woody vines, less than approximately 3' in height.

Woody vine - All woody vines, regardless of height.

Remarks:

Hydrophytic Vegetation Present?
Yes