# **AUGUST 2017**

# LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

STATE PROJECT NO. H.004100.2 FEDERAL AID PROJECT NO. H004100





# DRAFT

I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12

WETLAND ANALYSIS REPORT

# **Prepared By:**

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Project Number 040-012-001



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### 1.0 PROJECT OVERVIEW

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* (United States 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* (United States Army Corps of Engineers, Wetland Regulatory Assistance Program 2010). On June 26, 2017, Providence biologists visited the Site and collected field data on the three diagnostic wetland parameters: soils, vegetation, and hydrology.

Prior to conducting the wetland analysis, Providence reviewed the Natural Resources Conservation Service (NRCS) Web Soil Survey (2017), the *Soil Survey of East and West Baton Rouge Parishes* (United States Department of Agriculture, Soil Conservation Service 1990), United States Geological Survey (USGS) 7.5-minute topographic maps, United States Fish and Wildlife Service (USFWS), National Wetland Inventory maps, and relevant aerial photography. Included for your review are: Figure 1 – Vicinity Map, Figure 2 – Site Location Map, Figures 3a-3g – Site Plans, Figures 4a-4g – Soils Map, Exhibit 1 – Copies of Site Photographs, and Exhibit 2 – Wetland Determination Data Forms - Atlantic and Gulf Coastal Plain Region.

This report summarizes the results of a wetland delineation performed for the I-10 corridor improvements and widening beginning at Louisiana Highway (LA) 415 in West Baton Rouge Parish to the I-10 and I-12 split in East Baton Rouge Parish. Survey results for the presence of wetlands in East and West Baton Rouge Parish, Louisiana for the improvement and widening of the I-10 corridor are described in the following sections.

### 2.0 PROJECT LOCATION AND DESCRIPTION

The Site is centered at Latitude 30°25′41.13″ N; Longitude 91°10′06.21″ W in Sections 41, 51, 53, 69, 93, and 94, Township 7 South, Range 1 East and West in East Baton Rouge Parish, and Sections 69 and 93, Township 7 South, Range 12 East in West Baton Rouge Parish. The point of beginning is at Latitude 30°24′44.86″ N; Longitude 91°5′58.26″ W and the point of ending is at Latitude 30°26′56.88″ N; Longitude 91°15′07.25″ W. Access to the Site is via I-10, I-12, and neighborhood roads. The Site is characterized by residential and commercial properties, urban areas, and mowed/maintained roadsides.

### 3.0 SOILS

The NRCS's 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 20 soil map units (NRCS Web Soil Survey 2016). **Tables 1 and 2** show the soil map unit's individual soil components, component percentage, and hydric status in East and West Baton Rouge Parishes respectively (NRCS Survey Area Data, Version 13, September 29, 2016).

Table 1: NRCS Web Soil Survey Data for East Baton Rouge Parish

Map Unit Name	Soil Series/ Component	Component Percentage	Hydric Status	
Calhoun silt loam, 0 to 1 percent slopes (CcA)				
	Calhoun	85	Yes	
	Frost	0-7	Yes	
	Toula	5	No	
	Coteau	3	No	
	Bude	2	No	
Cancienne silt loam, 0 to 1	percent slopes (CmA)			
	Cancienne	85-98	No	
	Carville	2-10	No	
	Thibaut	1-5	No	
	Gramercy	1-5	Yes	
Carville and Cancienne soi	ls, gently undulating, frequently flo	ooded (CNA)		
	Carville	34-80	Yes	
	Cancienne	20-45	Yes	
Deerford-Verdun complex,	0 to 1 percent slopes (DaA)		•	
	Deerford	50	No	
	Verdun	40	No	
	Frost	10	Yes	
Feliciana silt loam, 8 to 30	percent slopes (FeF)	•		
	Feliciana	85	No	
	Scotlandville	10	_	
	Loring	5	_	
Frost silt loam, 0 to 1 perce	ent slopes (FoA)			
	Frost	90	Yes	
	Coteau	5	No	
	Jeanerette	5	No	
Frost silt loam, 0 to 1 perce	ent slopes, occasionally flooded (F	rA)	•	
	Frost – Occasionally flooded	90	Yes	
	Jeanerette	5	No	
	Coteau	5	No	

Map Unit Name	Soil Series/ Component	Component Percentage	Hydric Status		
Jeanerette silt loam, 0 to 1	Jeanerette silt loam, 0 to 1 percent slopes (JeA)				
	Jeanerette	80-95	No		
	Frost	2-10	Yes		
	Coteau	0-10	No		
Levees (LE)					
	Levees	95	_		
	Borrow pits	5	_		
Oprairie silt, 0 to 1 percent	slopes (OpA)				
	Oprairie	85	No		
	Scotlandville	7	_		
	Deerford	3	_		
	Calhoun	3	_		
	Gilbert	2	Yes		
Oprairie silt, 1 to 3 percent slopes (OpB)					
	Oprairie	85	No		
	Scotlandville	7	No		
	Deerford	3	No		
	Gilbert	2	Yes		
	Calhoun	2	Yes		
	Feliciana	1	_		
Scotlandville silt, 0 to 1 percent slopes (SnA)					
	Scotlandville	85	No		
	Oprairie	8	_		
	Gilbert	2	_		
	Frost	2	_		
	Calhoun	2	_		
	Feliciana	1	_		
Scotlandville silt, 1 to 3 per	rcent slopes (SnB)				
	Scotlandville	90	No		
	Oprairie	7	No		
	Feliciana	3	No		

Map Unit Name	Soil Series/ Component	Component Percentage	Hydric Status
Scotlandville silt, 3 to 8 pero	cent slopes (SnD)		
	Scotlandville	85	No
	Feliciana	8	No
	Other similar soils	5	No
	Satsuma	1	_
	Colyell	1	_
Udarents (UA)			
	Made land	100	No
Urban land (UrA)			
	Urban land	85	No
	Lawns	5	No
	Miscellaneous	5	No

Table 2: NRCS Web Soil Survey Data for West Baton Rouge Parish

Map Unit Name	Soil Series/ Component	Component Percentage	Hydric Status
Commerce silty clay loam (	Cm)		
	Commerce	90	No
	Sharkey	10	Yes
Robinsonville and Commerc	ce soils, occasionally flooded (RE)		
	Robinsonville	60	No
	Commerce	30	No
	Minor components	10	Yes
Sharkey clay, 0 to 1 percent slopes, rarely flooded, south (Sf)			
	Sharkey	80-95	Yes
	Tunica	1-6	No
	Dowling	2-10	Yes
	Commerce	2-4	No
Tunica clay (Tc)			
	Dowling	2-10	Yes
	Commerce	2-4	No
	Dowling	2-10	Yes

Providence collected soil samples between the surface and approximately 16 inches below ground surface. 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 ten of the 23 sample locations established by Providence to characterize the Site.

### 4.0 VEGETATION

Indicator statuses for dominant vegetation on the Site consist of upland (UPL), facultative upland (FACU), facultative (FAC), facultative wetland (FACW), and obligate wetland (OBL) species. **Table 3** is an alphabetical list of the dominant plant species observed at the Site.

**Table 3: List of Dominant Plant Species** 

Common Name	Scientific Name	Cowardin Class
American elm	Ulmus americana	FAC
American buckwheat vine	Brunnichia ovata	FACW
American marsh-penny wort	Hydrocotyle americana	OBL
Ash-leaf maple	Acer negundo	FAC
Bahia grass	Paspalum notatum	FACU
Bermuda grass	Cynodon dactylon	FACU
Black elder	Sambucus nigra	FACW
China-berry	Melia azedarach	UPL
Chinese privet	Ligustrum sinense	FAC
Chinese tallowtree	Triadica sebifera	FAC
Crimson clover	Trifolium incarnatum	NL (UPL)
Dwarf palmetto	Sabal minor	FACW
Eastern poison ivy	Toxicodendron radicans	FAC
Great ragweed	Ambrosia trifida	FAC
Golden crown grass	Paspalum dilatatum	FAC
Horsebrier	Smilax rotundifolia	FAC
Indian wood-oats	Chasmanthium latifolium	FAC
Italian bristle grass	Setaria italica	FACU
Japanese honeysuckle	Lonicera japonica	FACU
Japanese privet	Ligustrum japonicum	FAC
Johnson grass	Sorghum halepense	FACU
Live oak	Quercus virginiana	FACU
Loblolly pine	Pinus taeda	FAC
Many-flower Marsh-Penny	Hydrocotyle umbellata	OBL
Muscadine	Vitis rotundifolia	FAC
Paper-mulberry	Broussonetia papyrifera	FACU
Pecan	Carya illinoinensis	FACU
Peppervine	Ampelopsis arborea	FAC
Purple-top vervain	Verbena bonariensis	FAC
Rusty flat sedge	Cyperus odoratus	FACW

Common Name	Scientific Name	Cowardin Class
Shameplant	Mimosa pudica	FACU
Shumard's oak	Quercus shumardii	FAC
Slash pine	Pinus elliottii	FACW
Southern bald-cypress	Taxodium distichum	OBL
Southern dewberry	Rubus trivialis	FACU
St. Augustine grass	Stenotaphrum secundatum	FAC
Sugar-berry	Celtis laevigata	FACW
Trumpet-creeper	Campsis radicans	FAC
Turkey-tangle	Phyla nodiflora	FAC
Water oak	Quercus nigra	FAC
White clover	Trifolium repens	FACU

The wetland criterion for a prevalence of hydrophytic vegetation was met at ten of the 23 sample locations established by Providence to characterize the Site.

### **5.0** HYDROLOGY

The Site is within the Amite watershed and USGS Hydrologic Unit Cataloging No. 08070202 in East Baton Rouge Parish, and within the Lower Grand watershed and USGS Hydrologic Unit Cataloging No. 08070300 in West Baton Rouge Parish. Hydrology on the Site is primarily attributed to rainfall, sheet flow, interstate runoff, and backwater flooding from Dawson Creek and unnamed tributaries. Primary and secondary wetland hydrologic indicators observed include: drift deposits, saturation within the upper twelve inches of the soil profiles, surface water, and positive FAC-neutral tests. The wetland criterion for hydrology was met at seven of the 23 sample locations established by Providence to characterize the Site.

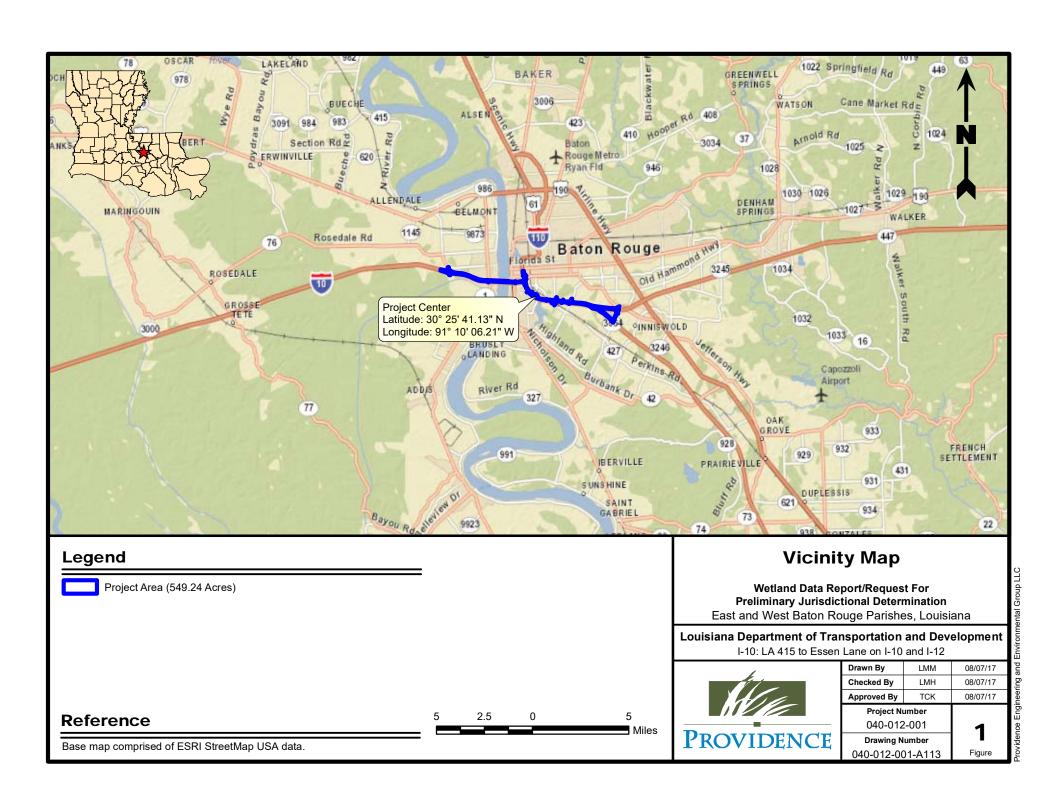
### **6.0** CONCLUSIONS

Positive evidence of all three diagnostic characteristics for jurisdictional wetlands was found at five of the 23 sample locations established by Providence to characterize the Site. Evidence of poor drainage found in association with hydric soils, and predominantly hydrophytic vegetation was considered sufficient to confirm the presence of potential jurisdictional wetlands. Based on site observations and analysis of field data, it appears that 9.77 acres of potential jurisdictional wetlands (Palustrine Forested (PFO), 7.47 acres; Palustrine Emergent (PEM), 2.30 acres) and 2.93 acres (~19,670 linear feet) of other waters of the United States are present within the Site.

# FIGURE 1

**VICINITY MAP** 

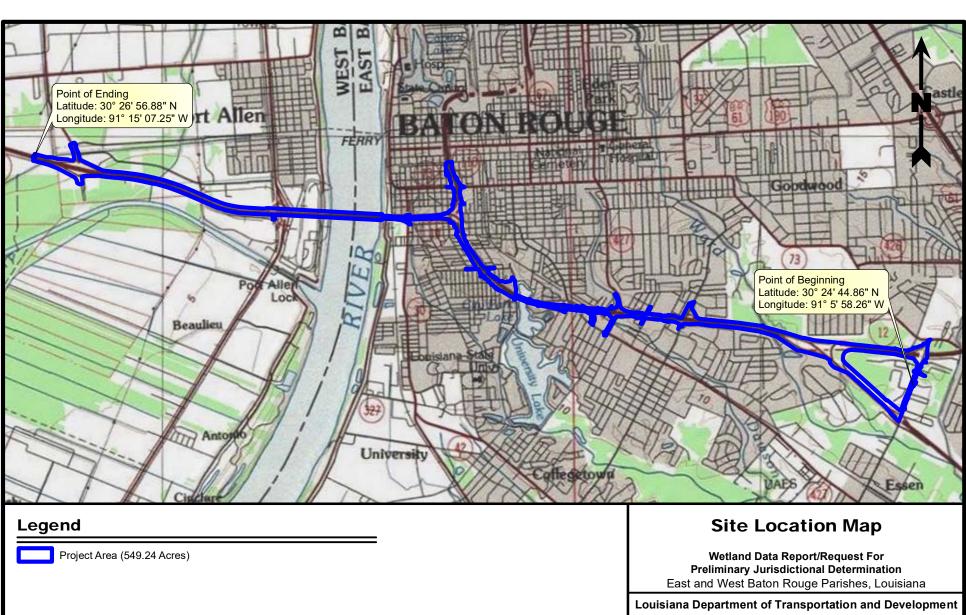
040-012-001-035NG WDR *PROVIDENCE* 



# FIGURE 2

**SITE LOCATION MAP** 

040-012-001-035NG WDR *PROVIDENCE* 



# Reference

Base map comprised of United States Geological Survey (USGS) 100K topographic map, "Baton Rouge, LA".

I-10: LA 415 to Essen Lane on I-10 and I-12



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Checked By	LMH	08/07/17
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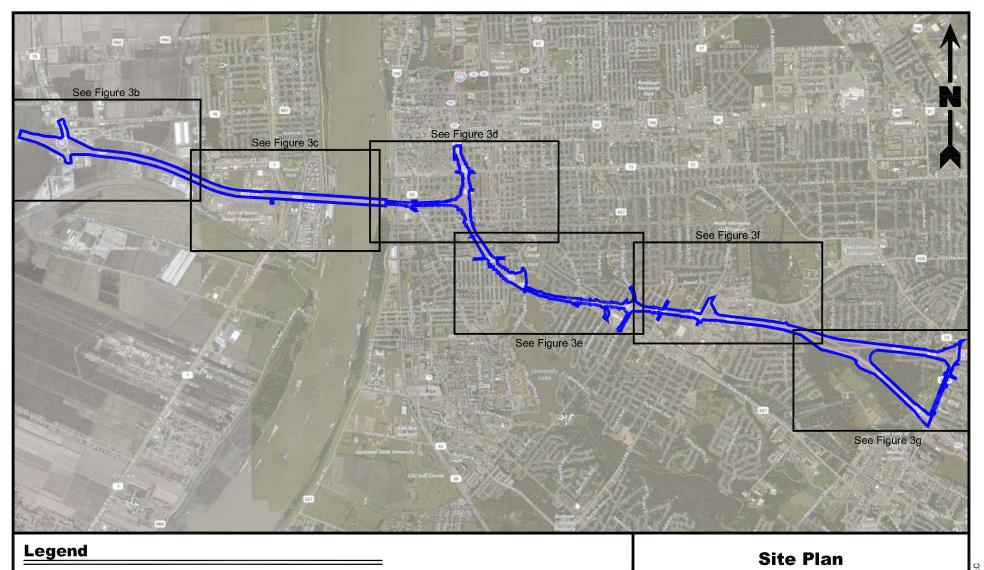
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FIGURES 3a-3g

**SITE PLANS** 

040-012-001-035NG WDR *PROVIDENCE* 



Project Area (549.24 Acres)

Wetland Data Report/Request For Preliminary Jurisdictional Determination
East and West Baton Rouge Parishes, Louisiana

Louisiana Department of Transportation and Development

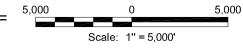
I-10: LA 415 to Essen Lane on I-10 and I-12

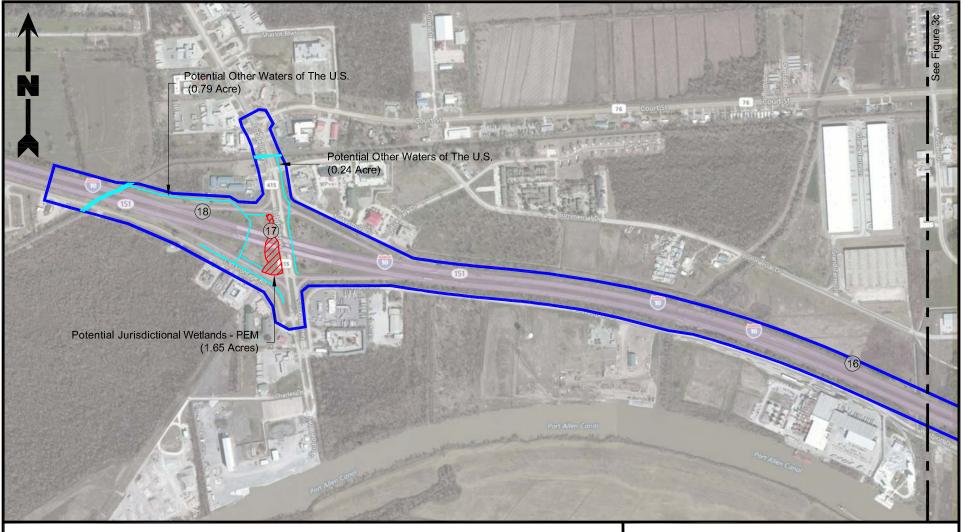


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Approved By	TCK	08/07/17
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# Reference

Base map comprised of Bing Maps aerial imagery from (c) 2017 Microsoft Corporation and its data suppliers, exported 07/10/17.





Project Area (549.24 Acres)

Potential Jurisdictional Wetlands - PEM (2.30 Acres)

Potential Jurisdictional Wetlands - PFO (7.47 Acres)

Potential Other Waters of The U.S. (2.93 Acres / ~19,670 Linear Feet)

1 Sample Location

### Reference

Base map comprised of Bing Maps aerial imagery from (c) 2017 Microsoft Corporation and its data suppliers, exported 08/07/17.



# **Site Plan**

Wetland Data Report/Request For Preliminary Jurisdictional Determination East and West Baton Rouge Parishes, Louisiana

Louisiana Department of Transportation and Development I-10: LA 415 to Essen Lane on I-10 and I-12



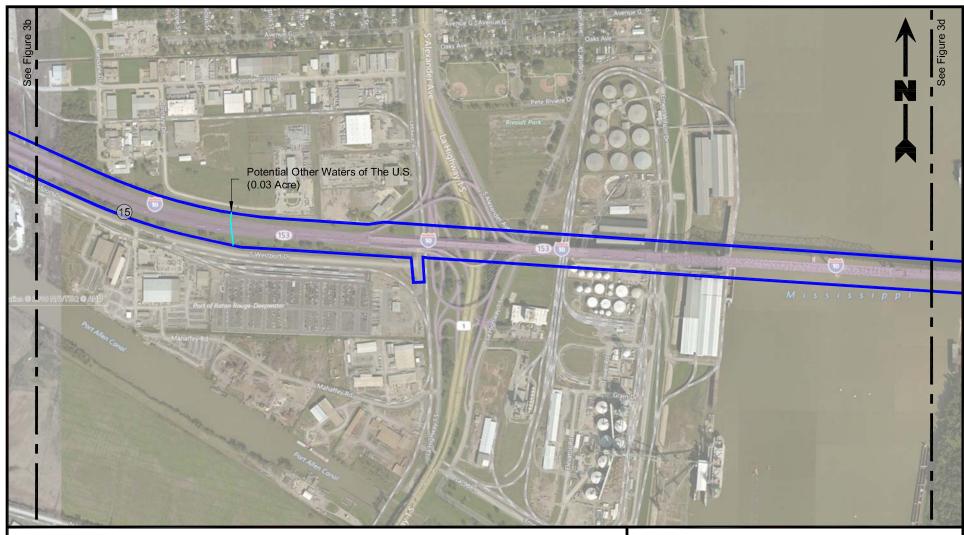
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Providence Engineering and Environmental



Project Area (549.24 Acres)

Potential Jurisdictional Wetlands - PEM (2.30 Acres)

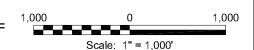
Potential Jurisdictional Wetlands - PFO (7.47 Acres)

Potential Other Waters of The U.S. (2.93 Acres / ~19,670 Linear Feet)

1) Sample Location

### Reference

Base map comprised of Bing Maps aerial imagery from (c) 2017 Microsoft Corporation and its data suppliers, exported 08/07/17.



## **Site Plan**

Wetland Data Report/Request For Preliminary Jurisdictional Determination East and West Baton Rouge Parishes, Louisiana

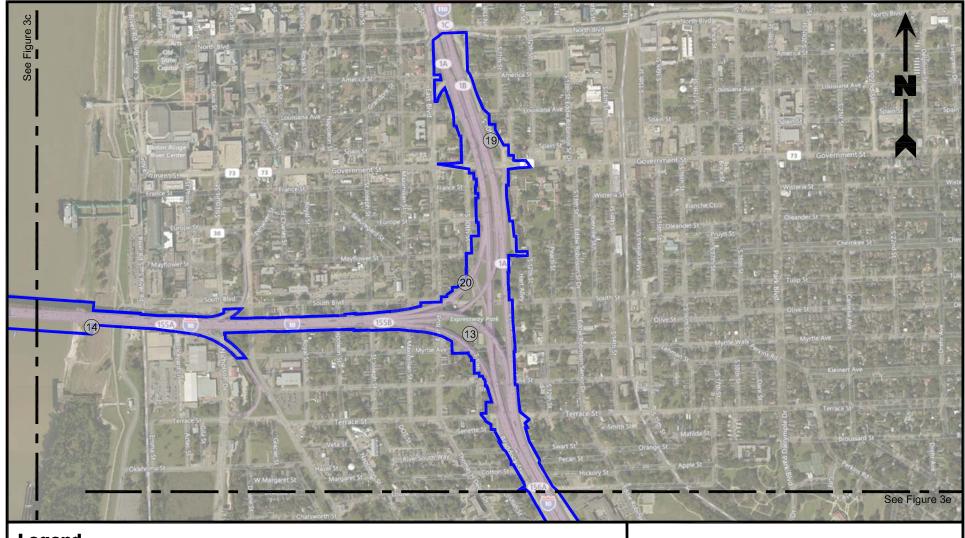
Louisiana Department of Transportation and Development I-10: LA 415 to Essen Lane on I-10 and I-12



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Providence Engineering and Environmental Group



Project Area (549.24 Acres)

Potential Jurisdictional Wetlands - PEM (2.30 Acres)

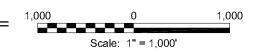
Potential Jurisdictional Wetlands - PFO (7.47 Acres)

Potential Other Waters of The U.S. (2.93 Acres / ~19,670 Linear Feet)

Sample Location

### Reference

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# **Site Plan**

Wetland Data Report/Request For Preliminary Jurisdictional Determination East and West Baton Rouge Parishes, Louisiana

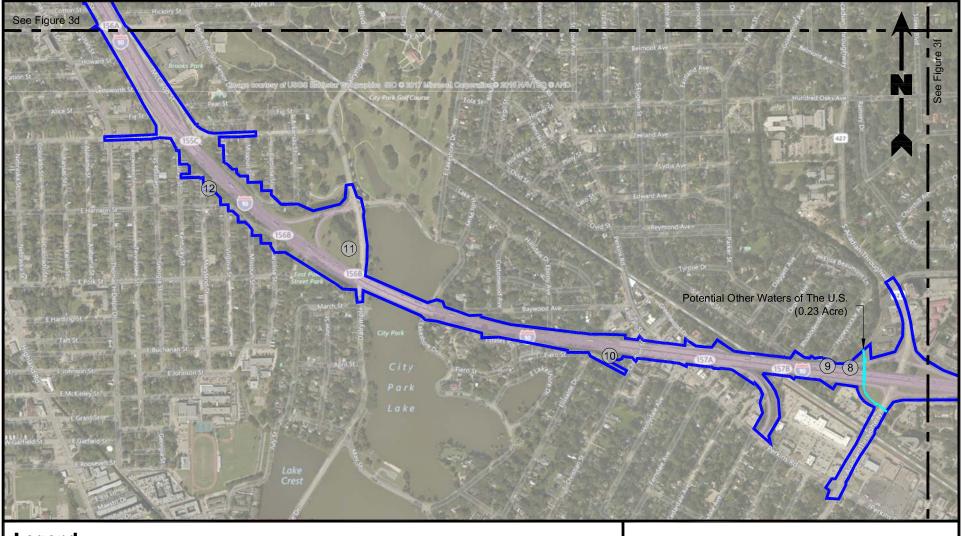
Louisiana Department of Transportation and Development I-10: LA 415 to Essen Lane on I-10 and I-12



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Project Area (549.24 Acres)

Potential Jurisdictional Wetlands - PEM (2.30 Acres)

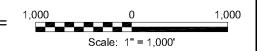
Potential Jurisdictional Wetlands - PFO (7.47 Acres)

Potential Other Waters of The U.S. (2.93 Acres / ~19,670 Linear Feet)

Sample Location

### Reference

Base map comprised of Bing Maps aerial imagery from (c) 2017 Microsoft Corporation and its data suppliers, exported 08/07/17.



# **Site Plan**

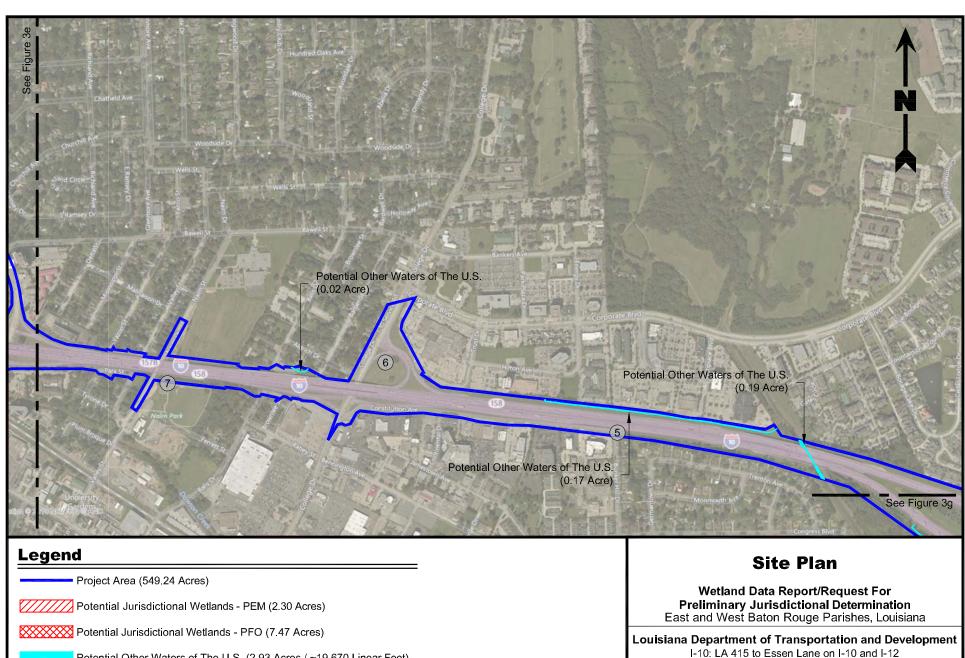
Wetland Data Report/Request For **Preliminary Jurisdictional Determination** East and West Baton Rouge Parishes, Louisiana

Louisiana Department of Transportation and Development I-10: LA 415 to Essen Lane on I-10 and I-12



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	Approved By	TCK	08/07/17
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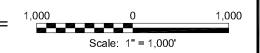


Potential Other Waters of The U.S. (2.93 Acres / ~19,670 Linear Feet)

Sample Location

### Reference

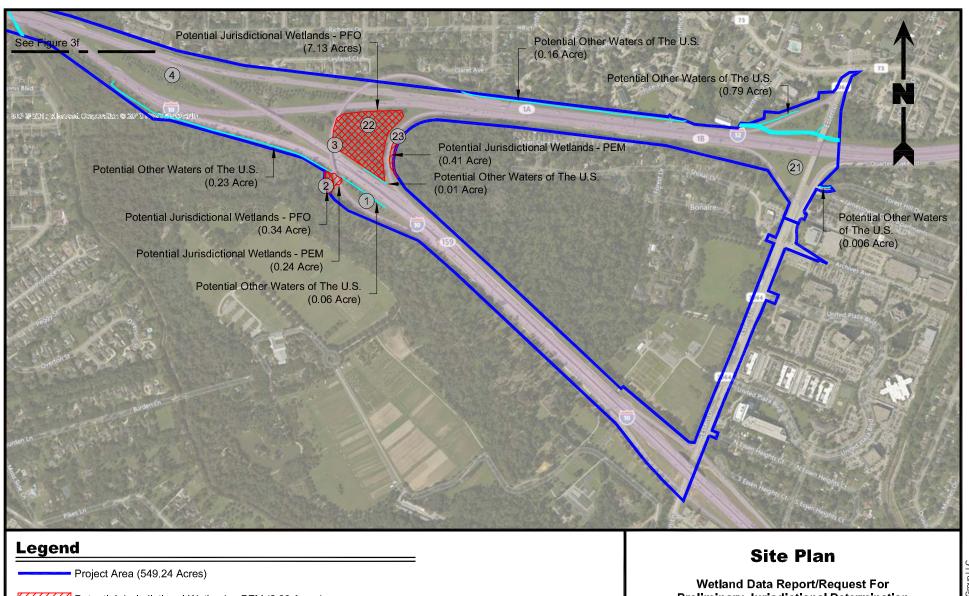
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Potential Jurisdictional Wetlands - PEM (2.30 Acres)

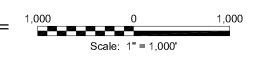
Potential Jurisdictional Wetlands - PFO (7.47 Acres)

Potential Other Waters of The U.S. (2.93 Acres / ~19,670 Linear Feet)

1) Sample Location

### Reference

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Wetland Data Report/Request For Preliminary Jurisdictional Determination East and West Baton Rouge Parishes, Louisiana

Louisiana Department of Transportation and Development
I-10: LA 415 to Essen Lane on I-10 and I-12



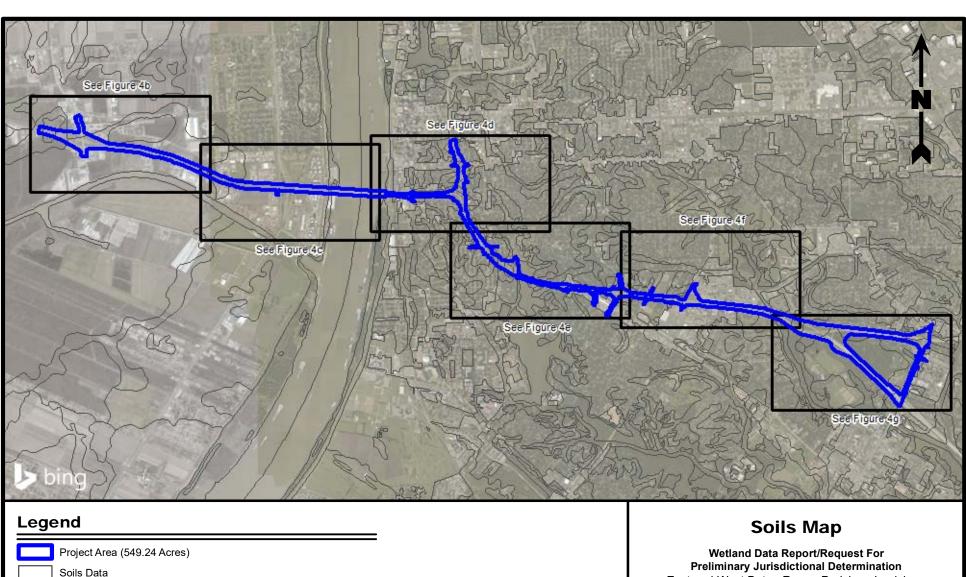
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FIGURES 4a-4g

**SOILS MAP** 

040-012-001-035NG WDR *PROVIDENCE* 



### Reference

Base map comprised of Bing Maps aerial imagery from (c) 2017 Microsoft Corporation and its data suppliers, exported 07/10/17. Soils data obtained from Natural Resources Conservation Service (NRCS) data-server.



East and West Baton Rouge Parishes, Louisiana

# **Louisiana Department of Transportation and Development**

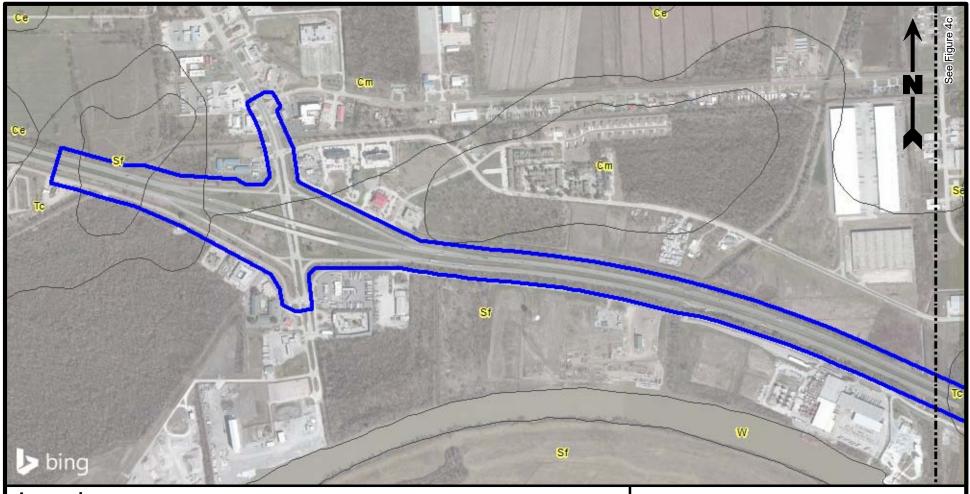
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Approved By	TCK	08/07/17

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Project Area (549.24 Acres)



Soils Data

Ce - Commerce silt loam

Cm - Commerce silty clay loam

Se - Sharkey silty clay loam

Sf - Sharkey clay

Tc - Tunica clay

W - Water

### Reference

Base map comprised of Bing Maps aerial imagery from (c) 2017 Microsoft Corporation and its data suppliers, exported 07/10/17. Soils data obtained from Natural Resources Conservation Service (NRCS) data-server.



# Soils Map

Wetland Data Report/Request For **Preliminary Jurisdictional Determination** East and West Baton Rouge Parishes, Louisiana

# **Louisiana Department of Transportation and Development**

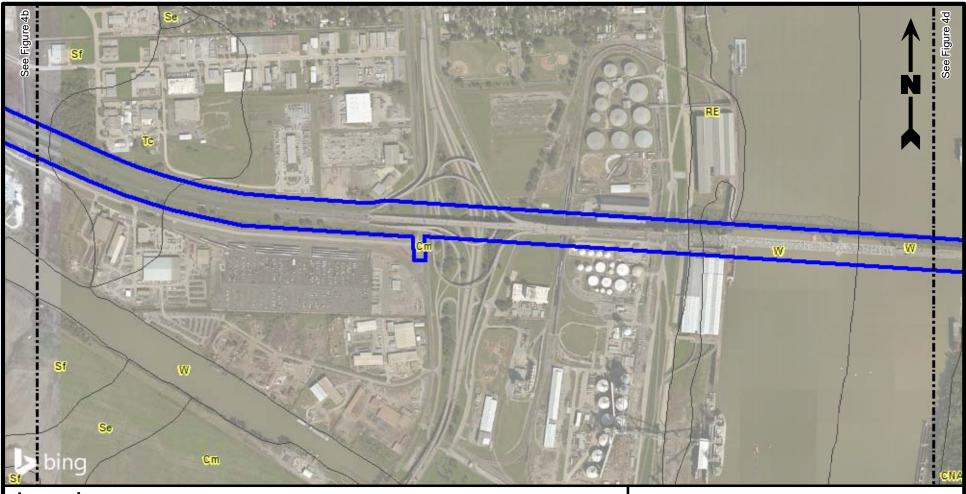
I-10: LA 415 to Essen Lane on I-10 and I-12



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Approved By	TCK	08/07/17
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Project Area (549.24 Acres)



Soils Data

Cm - Commerce silty clay loam

CNA - Carville and Cancienne soils, gently undulating, frequently flooded

RE - Robinsonville and Commerce soils, occasionally flooded

Se - Sharkey silty clay loam

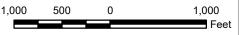
Sf - Sharkey clay

Tc - Tunica clay

W - Water

### Reference

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# Soils Map

Wetland Data Report/Request For Preliminary Jurisdictional Determination East and West Baton Rouge Parishes, Louisiana

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I-10: LA 415 to Essen Lane on I-10 and I-12

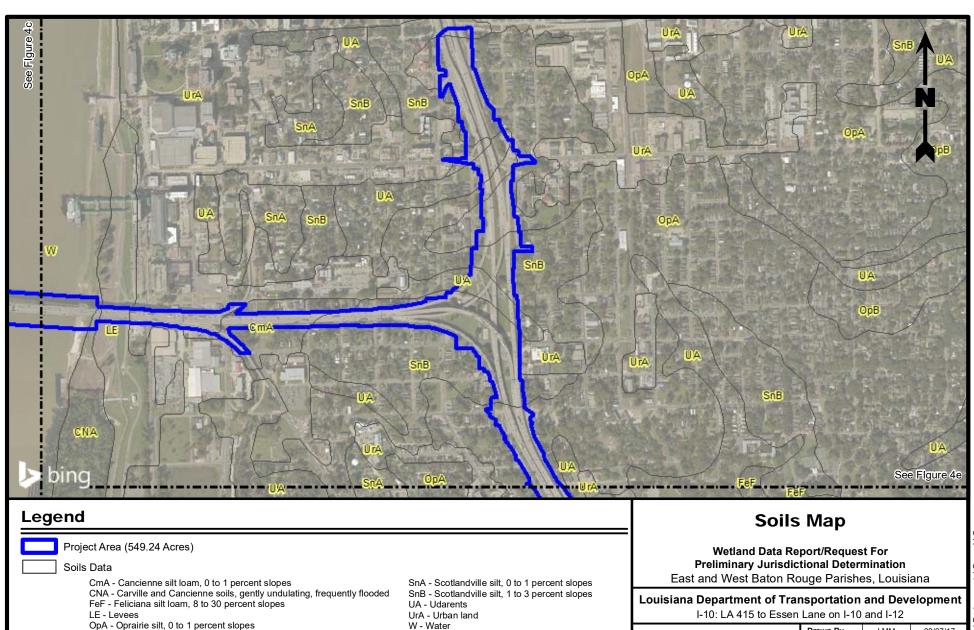


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### Reference

OpB - Oprairie silt, 1 to 3 percent slopes

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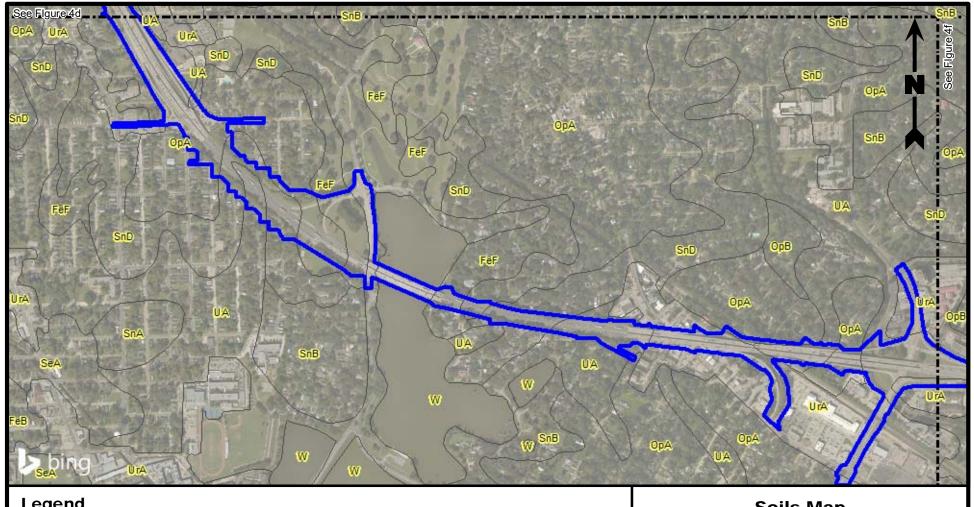
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Project Area (549.24 Acres)



Soils Data

FeB - Feliciana silt, 0 to 3 percent slopes

FeF - Feliciana silt loam, 8 to 30 percent slopes

OpA - Oprairie silt, 0 to 1 percent slopes

OpB - Oprairie silt, 1 to 3 percent slopes

SeA - Schriever clay

SnA - Scotlandville silt, 0 to 1 percent slopes

SnB - Scotlandville silt, 1 to 3 percent slopes

SnD - Scotlandville silt, 3 to 8 percent slopes

UA - Udarents

UrA - Urban land

W - Water

1,000

### Reference

Base map comprised of Bing Maps aerial imagery from (c) 2017 Microsoft Corporation and its data suppliers, exported 07/10/17. Soils data obtained from Natural Resources Conservation Service (NRCS) data-server.

# Soils Map

Wetland Data Report/Request For **Preliminary Jurisdictional Determination** East and West Baton Rouge Parishes, Louisiana

### **Louisiana Department of Transportation and Development**

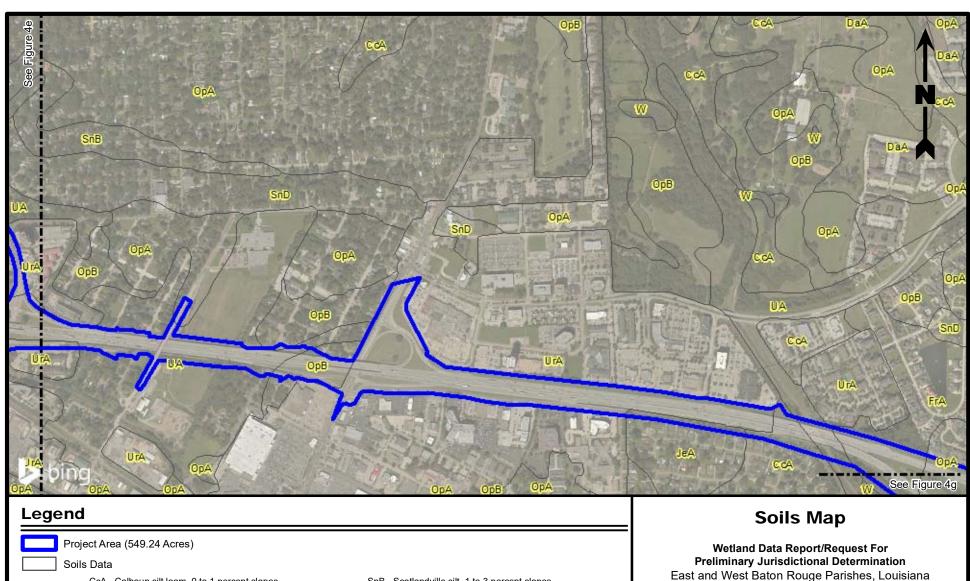
I-10: LA 415 to Essen Lane on I-10 and I-12



Drawn By	LMM	08/07/17
Checked By	LMH	08/07/17
Approved By	TCK	08/07/17

Project Number 040-012-001 **Drawing Number** 

4e 040-012-001-A126



CcA - Calhoun silt loam, 0 to 1 percent slopes

DaA - Deerford-Verdun complex, 0 to 2 percent slopes

FrA - Frost silt loam, 0 to 1 percent slopes, occasionally flooded

JeA - Jeanerette silt loam, 0 to 1 percent slopes

OpA - Oprairie silt, 0 to 1 percent slopes

OpB - Oprairie silt, 1 to 3 percent slopes

SnB - Scotlandville silt, 1 to 3 percent slopes

SnD - Scotlandville silt, 3 to 8 percent slopes

UA - Udarents

UrA - Urban land

W - Water

1,000 1,000

### Reference

Base map comprised of Bing Maps aerial imagery from (c) 2017 Microsoft Corporation and its data suppliers, exported 07/10/17. Soils data obtained from Natural Resources Conservation Service (NRCS) data-server.

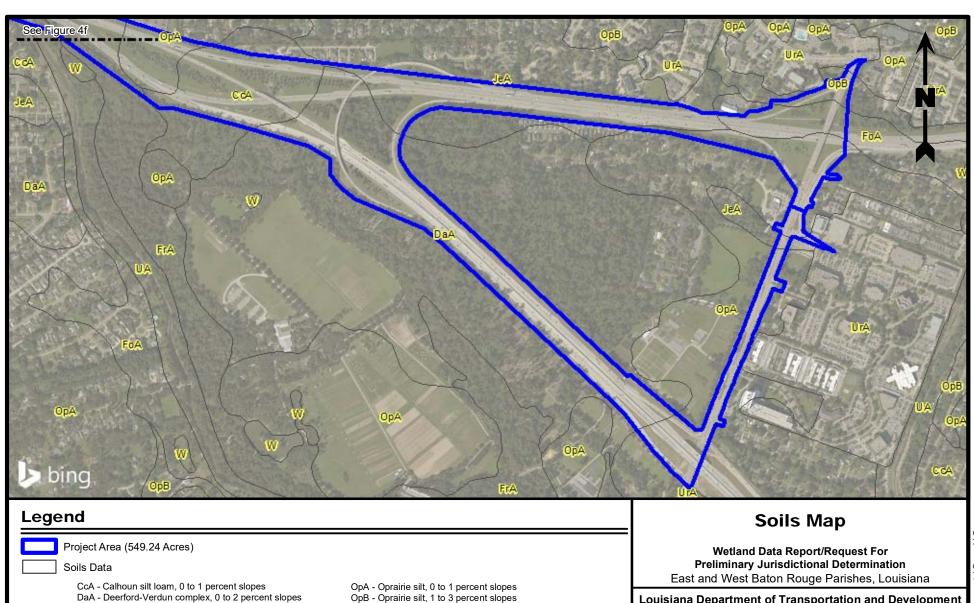
**Louisiana Department of Transportation and Development** 

I-10: LA 415 to Essen Lane on I-10 and I-12



Drawn By	LMM	08/07/17
Checked By	LMH	08/07/17
Approved By	TCK	08/07/17

**Project Number** 040-012-001 **Drawing Number** 040-012-001-A127



# Reference

FoA - Frost silt loam, 0 to 1 percent slopes

JeA - Jeanerette silt loam, 0 to 1 percent slopes

FrA - Frost silt loam, 0 to 1 percent slopes, occasionally flooded

Base map comprised of Bing Maps aerial imagery from (c) 2017 Microsoft Corporation and its data suppliers, exported 07/10/17. Soils data obtained from Natural Resources Conservation Service (NRCS) data-server.

UA - Udarents

W- Water

UrA - Urban land

**Louisiana Department of Transportation and Development** 

I-10: LA 415 to Essen Lane on I-10 and I-12



1,000

Drawn By	LMM	08/07/17
Checked By	LMH	08/07/17
Approved By	TCK	08/07/17

Project Number 040-012-001

**Drawing Number** 040-012-001-A128 4g

# EXHIBIT A COPIES OF SITE PHOTOGRAPHS

040-012-001-035NG WDR *PROVIDENCE* 

Site Name: I-10: LA 415 to Essen Lane on I-10 and I-12

**Site Location:** Baton Rouge, East Baton Rouge Parish, Louisiana

**Date:** June 26, 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: I-10: LA 415 to Essen Lane on I-10 and I-12

**Site Location:** Baton Rouge, East Baton Rouge Parish, Louisiana

**Date:** June 26, 2017

# Photograph #2A

Direction:

N/A

### Comments:

View of soil profile at Sample Location 2.



# Photograph #2B

**Direction:** 

East

### Comments:

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





Site Name: I-10: LA 415 to Essen Lane on I-10 and I-12

**Site Location:** Baton Rouge, East Baton Rouge Parish, Louisiana

**Date:** June 26, 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: I-10: LA 415 to Essen Lane on I-10 and I-12

**Site Location:** Baton Rouge, East Baton Rouge Parish, Louisiana

**Date:** June 26, 2017

# Photograph #4A

Direction:

N/A

### Comments:

View of soil profile at Sample Location 4.



# Photograph #4B

**Direction:** 

West

### Comments:

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





Site Name: I-10: LA 415 to Essen Lane on I-10 and I-12

**Site Location:** Baton Rouge, East Baton Rouge Parish, Louisiana

**Date:** June 26, 2017

# Photograph #5A

Direction:

N/A

### Comments:

View of soil profile at Sample Location 5.



# Photograph #5B

**Direction:** 

East

### Comments:

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





Site Name: I-10: LA 415 to Essen Lane on I-10 and I-12

**Site Location:** Baton Rouge, East Baton Rouge Parish, Louisiana

**Date:** June 26, 2017

# Photograph #6A

### Direction:

N/A

### Comments:

View of soil profile at Sample Location 6.



# Photograph #6B

### **Direction:**

South

### Comments:

View of habitat and typical landscape features at Sample Location 6.





Site Name: I-10: LA 415 to Essen Lane on I-10 and I-12

**Site Location:** Baton Rouge, East Baton Rouge Parish, Louisiana

**Date:** June 26, 2017

# Photograph #7A

Direction:

N/A

### Comments:

View of soil profile at Sample Location 7.



# Photograph #7B

**Direction:** 

West

### Comments:

View of habitat and typical landscape features at Sample Location 7.





Site Name: I-10: LA 415 to Essen Lane on I-10 and I-12

**Site Location:** Baton Rouge, East Baton Rouge Parish, Louisiana

**Date:** June 26, 2017

# Photograph #8A

Direction:

N/A

### Comments:

View of soil profile at Sample Location 8.



## Photograph #8B

**Direction:** 

East

### Comments:

View of habitat and typical landscape features at Sample Location 8.





Site Name: I-10: LA 415 to Essen Lane on I-10 and I-12

**Site Location:** Baton Rouge, East Baton Rouge Parish, Louisiana

**Date:** June 26, 2017

# Photograph #9A

Direction:

N/A

### Comments:

View of soil profile at Sample Location 9.



## Photograph #9B

**Direction:** 

South

### Comments:

View of habitat and typical landscape features at Sample Location 9.





Site Name: I-10: LA 415 to Essen Lane on I-10 and I-12

**Site Location:** Baton Rouge, East Baton Rouge Parish, Louisiana

**Date:** June 26, 2017

# Photograph #10A

### Direction:

N/A

### Comments:

View of soil profile at Sample Location 10.



## Photograph #10B

### **Direction:**

East

### Comments:

View of habitat and typical landscape features at Sample Location 10.





Site Name: I-10: LA 415 to Essen Lane on I-10 and I-12

**Site Location:** Baton Rouge, East Baton Rouge Parish, Louisiana

**Date:** June 26, 2017

# Photograph #11A

Direction:

N/A

### Comments:

View of soil profile at Sample Location 11.



## Photograph #11B

**Direction:** 

West

### Comments:

View of habitat and typical landscape features at Sample Location 11.





Site Name: I-10: LA 415 to Essen Lane on I-10 and I-12

**Site Location:** Baton Rouge, East Baton Rouge Parish, Louisiana

**Date:** June 26, 2017

# Photograph #12A

Direction:

N/A

### Comments:

View of soil profile at Sample Location 12.



## Photograph #12B

**Direction:** 

North

### Comments:

View of habitat and typical landscape features at Sample Location 12.





Site Name: I-10: LA 415 to Essen Lane on I-10 and I-12

**Site Location:** Baton Rouge, East Baton Rouge Parish, Louisiana

**Date:** June 26, 2017

# Photograph #13A

Direction:

N/A

### Comments:

View of soil profile at Sample Location 13.

No soil sample collected due to fill in the soil profile.

## Photograph #13B

### **Direction:**

West

### Comments:

View of habitat and typical landscape features at Sample Location 13.





Site Name: I-10: LA 415 to Essen Lane on I-10 and I-12

**Site Location:** Baton Rouge, East Baton Rouge Parish, Louisiana

**Date:** June 26, 2017

## Photograph #14A

Direction:

N/A

#### Comments:

View of soil profile at Sample Location 14.

No soil sample collected due to fill underneath the vegetation. Chunks of concrete and various metals mixed in.

## Photograph #14B

### Direction:

North

### Comments:

View of habitat and typical landscape features at Sample Location 14.





Site Name: I-10: LA 415 to Essen Lane on I-10 and I-12

**Site Location:** Baton Rouge, West Baton Rouge Parish, Louisiana

**Date:** June 26, 2017

# Photograph #15A

Direction:

N/A

### Comments:

View of soil profile at Sample Location 15.



## Photograph #15B

**Direction:** 

West

### Comments:

View of habitat and typical landscape features at Sample Location 15.





Site Name: I-10: LA 415 to Essen Lane on I-10 and I-12

**Site Location:** Baton Rouge, West Baton Rouge Parish, Louisiana

**Date:** June 26, 2017

# Photograph #16A

### Direction:

N/A

### Comments:

View of soil profile at Sample Location 16.



## Photograph #16B

### **Direction:**

West

### Comments:

View of habitat and typical landscape features at Sample Location 16.





Site Name: I-10: LA 415 to Essen Lane on I-10 and I-12

**Site Location:** Baton Rouge, West Baton Rouge Parish, Louisiana

**Date:** June 26, 2017

# Photograph #17A

Direction:

N/A

#### Comments:

View of soil profile at Sample Location 17.

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

## Photograph #17B

**Direction:** 

North

### Comments:

View of habitat and typical landscape features at Sample Location 17.





Site Name: I-10: LA 415 to Essen Lane on I-10 and I-12

**Site Location:** Baton Rouge, West Baton Rouge Parish, Louisiana

**Date:** June 26, 2017

# Photograph #18A

Direction:

N/A

### Comments:

View of soil profile at Sample Location 18.



## Photograph #18B

**Direction:** 

East

### Comments:

View of habitat and typical landscape features at Sample Location 18.





Site Name: I-10: LA 415 to Essen Lane on I-10 and I-12

**Site Location:** Baton Rouge, East Baton Rouge Parish, Louisiana

**Date:** July 31, 2017

# Photograph #19A

Direction:

N/A

### Comments:

View of soil profile at Sample Location 19.



## Photograph #19B

**Direction:** 

North

### Comments:

View of habitat and typical landscape features at Sample Location 19.





Site Name: I-10: LA 415 to Essen Lane on I-10 and I-12

**Site Location:** Baton Rouge, East Baton Rouge Parish, Louisiana

**Date:** July 31, 2017

# Photograph #20A

Direction:

N/A

### Comments:

View of soil profile at Sample Location 20.



## Photograph #20B

**Direction:** 

North

### Comments:

View of habitat and typical landscape features at Sample Location 20.





Site Name: I-10: LA 415 to Essen Lane on I-10 and I-12

**Site Location:** Baton Rouge, East Baton Rouge Parish, Louisiana

**Date:** July 31, 2017

# Photograph #21A

Direction:

N/A

### Comments:

View of soil profile at Sample Location 21.



## Photograph #21B

### **Direction:**

South

### Comments:

View of habitat and typical landscape features at Sample Location 21.





Site Name: I-10: LA 415 to Essen Lane on I-10 and I-12

**Site Location:** Baton Rouge, East Baton Rouge Parish, Louisiana

**Date:** July 31, 2017

# Photograph #22A

Direction:

N/A

### Comments:

View of soil profile at Sample Location 22.



## Photograph #22B

**Direction:** 

West

### Comments:

View of habitat and typical landscape features at Sample Location 22.





Site Name: I-10: LA 415 to Essen Lane on I-10 and I-12

**Site Location:** Baton Rouge, East Baton Rouge Parish, Louisiana

**Date:** July 31, 2017

# Photograph #23A

Direction:

N/A

### Comments:

View of soil profile at Sample Location 23.



## Photograph #23B

### **Direction:**

South

### Comments:

View of habitat and typical landscape features at Sample Location 23.





# **EXHIBIT B**

WETLAND DETERMINATION DATA FORMS - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site:	I-10: LA 415 to Es	sen Lane on I-10 an	d I-12	Parish: East Baton Rouge		Sampling Date:	6/26/2017
Applicant/Owner:	Louisiana Department	of Transportation and De	evelopment	State: Louisiana		Sampling Point:	1
Investigator(s):	Taylor Simoneaux			Section, Township	<del></del>		ship 7 South, Range 1 East
Landform (hillslope		Flat			Local Relief (concave,	convex, none): No	
Subregion (LRR or	r MLRA):	LRR P	Lat: 30.415672°		Long: -91.112551°		Datum: NAD83
Soil Map Unit Nam	ne:	Deerford-Verdun co	mplex		•	NWI Classification	None
Are climatic / hydro	ologic conditions or	the site typical for t	his time of year? `	Yes (If no exp	olain in Remarks)		
Are Vegetation	, Soil,	or Hydrology	significantly distur	bed? No	Are "Normal Circumsta	ances" present?	Yes
Are Vegetation	, Soil,	or Hydrology	naturally problema	atic? No	(If needed, explain any	y answers in Rema	rks.)
SUMMARY OF FI	NDINGS						
Hydrophytic Veget	ation Present?	Ye	es				
Hydric Soil Presen	it?	N	o	Is the Sampled A	rea within a Wetland?	•	No
Wetland Hydrology	y Present?	N	o				
Remarks:				-			
HYDROLOGY							
Wetland Hydrolog	av Indicators					Secondary Indicat	ors (Need 2):
Primary Indicators						No	Surface Soil Cracked (B6)
No	Surface Water (A1	)	No	Water Stained Lea	aves (B9)	No	Sparsely Veg. Concave Surface (B8)
No	High Water Table	,	No	Aquatic Fauna (B	, ,	No	Drainage Patterns (B10)
No	Saturation (A3)	()	No	Marl Deposits (B1	,	No	Moss Trim Lines (B16)
No	Water Marks (B1)		No	Hydrogen Sulfide	, ,	No	Dry-Season Water Table (C2)
No	Sediment Deposits	s (B2)	No	Oxidized Root Ch	, ,	No	Crayfish Burrows (C8)
No	Drift Deposits (B3)	, ,	No	Presence of Redu	. ,	No	Saturation on Aerial Imagery (C9)
No	Algal Mat or Crust		No	Recent Reduct. in	, ,	No	Geomorphic Position (D2)
No	Iron Deposits (B5)	(04)	No	Thin Muck Surfac	, ,	No	Shallow Aquitard (D3)
		al Imagent (D7)			• •		. ` ` /
No	Inundation on Aeri	ai imagery (b7)	No	Other (Explain in	Remarks)	No No	FAC-Neutral Test (D5)
						No	Sphagnum Moss (D8) (LRR T, U)
Field Observation			5 " " ' ' \			M-41	B
Surface Water Pre		None	Depth (inches):	N/A		Wetland Hydrolog	
Water table Preser		None	Depth (inches):	N/A			No No
Saturation Present	17	None	Depth (inches):	N/A			
Remarks:							
SOIL							
Depth	Ma	atrix			x Features		Texture
Inches	Color	%	Color	%	Туре	Location	
0-4	10YR 4/3	100					silt loam
	10YR 4/3 10YR 6/3	100 90	10YR 5/6	10	С	M	silt loam silt loam
0-4			10YR 5/6 10YR 5/6	10 10	C C	M M	
0-4 4-10	10YR 6/3	90					silt loam
0-4 4-10	10YR 6/3	90					silt loam
0-4 4-10	10YR 6/3	90					silt loam
0-4 4-10	10YR 6/3	90					silt loam
0-4 4-10 10-16	10YR 6/3 10YR 4/4	90	10YR 5/6	10	С		silt loam silt loam
0-4 4-10 10-16	10YR 6/3 10YR 4/4	90 90	10YR 5/6	10	С	M	silt loam silt loam
0-4 4-10 10-16	10YR 6/3 10YR 4/4 ation, D=Depletion,	90 90	10YR 5/6	10	С	M	silt loam silt loam  silt loam  Lining, M=Matrix
0-4 4-10 10-16 Type: C=Concentr	10YR 6/3 10YR 4/4 ation, D=Depletion,	90 90	10YR 5/6	10 Coated Sand Grain	С	M Location: PL=Pore	silt loam silt loam  silt loam  Lining, M=Matrix
0-4 4-10 10-16  Type: C=Concentr  Hydric Soil Indica	10YR 6/3 10YR 4/4 ation, D=Depletion,	90 90 RM=Reduced Matr	10YR 5/6 ix, CS=Covered or	10 Coated Sand Grain	C  Is  Iface (S8) (LRR S,T,U)	M Location: PL=Pore Indicators for Pro	silt loam silt loam  E Lining, M=Matrix  Soblematic Soils:
0-4 4-10 10-16  Type: C=Concentr  Hydric Soil Indica No No	10YR 6/3 10YR 4/4 ation, D=Depletion, ators: Histol (A1)	90 90 RM=Reduced Matr	10YR 5/6 ix, CS=Covered or No	10 Coated Sand Grain	C  rface (S8) (LRR S,T,U) S9) (LRR S,T,U)	M  Location: PL=Pore  Indicators for Pro No No	silt loam silt loam silt loam  Lining, M=Matrix  Sollematic Soils:  1cm Muck (A9) (LRR O)
0-4 4-10 10-16  Type: C=Concentr  Hydric Soil Indica No No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2)	90 90 RM=Reduced Matr	ix, CS=Covered or  No No No	10  Coated Sand Grain  Polyvalue Below Su  Thin Dark Surface (	C  rface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  ral (F1) (LRR (O)	M Location: PL=Pore Indicators for Pro No No No	silt loam silt loam silt loam  Lining, M=Matrix  Selematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S)
0-4 4-10 10-16  Type: C=Concentr  Hydric Soil Indica No No No No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A	90 90 RM=Reduced Matr	x, CS=Covered or  No No No No	10  Coated Sand Grain  Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner	C  frace (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  ix (F2)	M Location: PL=Pore Indicators for Pro No No No No	silt loam silt loam silt loam  Lining, M=Matrix  bblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B)
0-4 4-10 10-16  Type: C=Concentr  Hydric Soil Indica No No No No No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5	90 90 8M=Reduced Matr	X, CS=Covered or  No No No No No No	10  Coated Sand Grair  Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2)	M Location: PL=Pore Indicators for Pro No No No No No	silt loam silt loam silt loam silt loam  Lining, M=Matrix  blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B)
0-4 4-10 10-16  Type: C=Concentr  Hydric Soil Indica No No No No No No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6)	90 90 RM=Reduced Matr	No No No No No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface	C  Iface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  ix (F2)  b (F6)	M  Location: PL=Pore  Indicators for Pro No No No No No No No No	silt loam solis: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2)
0-4 4-10 10-16  Type: C=Concentr  Hydric Soil Indica No No No No No No No No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral	90 90 RM=Reduced Matr 4) ) (LRR P,T,U) (A7) (LRR P,T,U)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface	C  rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) ace (F7)	M  Location: PL=Pore  Indicators for Pro No No No No No No No No No	silt loam silt loam silt loam silt loam silt loam silt loam Lining, M=Matrix soblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
0-4 4-10 10-16  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral I Muck Presence (A8)	90 90 8M=Reduced Matr 4) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix Redox Dark Surface Depleted Dark Surface Redox Depressions	C  rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) ace (F7)	M  Location: PL=Pore  Indicators for Pro No No No No No No No No	silt loam solis: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2)
0-4 4-10 10-16  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) Scm Mucky Mineral Muck Presence (A8)	90 90 90 RM=Reduced Matr 4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T)	X, CS=Covered or  No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U)	C  rface (S8) (LRR S,T,U) S9) (LRR S,T,U) (F6) (F6) (F6) (F8)	M  Location: PL=Pore  Indicators for Pro No No No No No No No No No	silt loam silt loam silt loam silt loam silt loam silt loam Lining, M=Matrix soblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
0-4 4-10 10-16  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Corganic Bodies (A6) Som Mucky Mineral a Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dari	90 90 90 RM=Reduced Matr 4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) s Surface (A11)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minei Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1	C  rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) 1) (MLRA 151)	M  Location: PL=Pore  Indicators for Pro No No No No No No No No No	silt loam silt loam silt loam silt loam silt loam silt loam Lining, M=Matrix soblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
0-4 4-10 10-16  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral al Muck Presence (AB Depleted Below Darl Thick Dark Surface (	90 90 90 RM=Reduced Matr 4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) s Surface (A11) A12)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Ochric (F1 Iron-Manganese Ma	C  rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) rix (F2) re (F6) race (F7) (F8)  1) (MLRA 151) resses (F12) (LRR O,P,T)	M  Location: PL=Pore  Indicators for Pro No No No No No No No No No	silt loam silt loam silt loam silt loam silt loam silt loam Lining, M=Matrix soblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
0-4 4-10 10-16  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral I Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox	90 90 90 RM=Reduced Matr 4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k S Surface (A11) A12) (A16) (MLRA 150A)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dork Surface Depleted Dork CPT Ton-Manganese Mat Umbric Surface (F1	C  rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8)  1) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U)	M  Location: PL=Pore  Indicators for Pro No No No No No No No No No	silt loam silt loam silt loam silt loam silt loam silt loam Lining, M=Matrix soblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
0-4 4-10 10-16  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dari Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral	90 90 90 RM=Reduced Matr 4) ) (LRR P,T,U) (LRR P,T,U) (LRR U) R P,T) s Surface (A11) A12) (A16) (MLRA 150A) al (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Surface Depleted Dark CF1 Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Ton-Manganese Mat Umbric Surface (F1 Delta Ochric (F17) (	C  rface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  ral (F1) (LRR (O)  ix (F2)  b (F6)  10 (MLRA 151)  SSSES (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)	M  Location: PL=Pore  Indicators for Pro No No No No No No No No No	silt loam silt loam silt loam silt loam silt loam silt loam Lining, M=Matrix soblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
0-4 4-10 10-16  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dari Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix	90 90 90 RM=Reduced Matr 4) ) (LRR P,T,U) (LRR P,T,U) (LRR U) R P,T) s Surface (A11) A12) (A16) (MLRA 150A) al (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Dark Surface Depleted Dark Surf Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M Umbric Surface (F1 Delta Ochric (F17) ( Reduced Vertic (F18)	C  Iface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  Ial (F1) (LRR (O)  Ix (F2)  Ix (F2)  Ix (F2)  Ix (F3)  Ix (F3)  Ix (F3)  Ix (F4)  Ix (F4)  Ix (F4)  Ix (F5)  Ix (F6)  Ix	M  Location: PL=Pore  Indicators for Pro No	silt loam silt loam silt loam silt loam silt loam silt loam Lining, M=Matrix soblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
0-4 4-10 10-16  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Grganic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface ( Coast Prairie Redox Coast Prairie Redox Sandy Gleyed Matris Sandy Gleyed Matris Sandy Redox (S5)	90 90 90 RM=Reduced Matr 4) ) (LRR P,T,U) (LRR P,T,U) (LRR U) R P,T) s Surface (A11) A12) (A16) (MLRA 150A) al (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Reduced Vertic (F17) Piedmont Floodplain	C  Iface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  ix (F2)  b (F6)  ace (F7)  (F8)  1) (MLRA 151)  ssess (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MIRA 150A)  6) (S0IS (F19) (MLRA 149A)	M  Location: PL=Pore  Indicators for Pro No	silt loam silt loam silt loam silt loam silt loam silt loam Lining, M=Matrix soblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
0-4 4-10 10-16  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Grganic Bodies (A6) 5cm Mucky Mineral I Muck Presence (A8) tcm Muck (A9) (LR Depleted Below Darl Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6)	90 90 90 RM=Reduced Matr 4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ( (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Reduced Vertic (F17) Piedmont Floodplain	C  Iface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  Ial (F1) (LRR (O)  Ix (F2)  Ix (F2)  Ix (F2)  Ix (F3)  Ix (F3)  Ix (F3)  Ix (F4)  Ix (F4)  Ix (F4)  Ix (F5)  Ix (F6)  Ix	M  Location: PL=Pore  Indicators for Pro No	silt loam silt loam silt loam silt loam silt loam silt loam Lining, M=Matrix soblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
0-4 4-10 10-16  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral i Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dari Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L	90 90 90 RM=Reduced Matr 4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ( (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Reduced Vertic (F17) Piedmont Floodplain	C  Iface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  ix (F2)  b (F6)  ace (F7)  (F8)  1) (MLRA 151)  ssess (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MIRA 150A)  6) (S0IS (F19) (MLRA 149A)	M  Location: PL=Pore  Indicators for Pro No	silt loam silt loam silt loam silt loam silt loam silt loam Lining, M=Matrix soblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
0-4 4-10 10-16  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) Scm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (If observed):	90 90 90 RM=Reduced Matr 4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ( (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Reduced Vertic (F17) Piedmont Floodplain	C  Iface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  ix (F2)  b (F6)  ace (F7)  (F8)  1) (MLRA 151)  ssess (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MIRA 150A)  6) (S0IS (F19) (MLRA 149A)	M  Location: PL=Pore  Indicators for Pro No	silt loam solis: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
0-4 4-10 10-16  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral a Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (if observed): None	90 90 90 RM=Reduced Matr 4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ( (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Reduced Vertic (F17) Piedmont Floodplain	C  Iface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  ix (F2)  b (F6)  ace (F7)  (F8)  1) (MLRA 151)  ssess (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MIRA 150A)  6) (S0IS (F19) (MLRA 149A)	M  Location: PL=Pore  Indicators for Pro No	silt loam sols lend load seld load silt loam sold load s
0-4 4-10 10-16  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) Scm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (If observed):	90 90 90 RM=Reduced Matr 4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ( (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Reduced Vertic (F17) Piedmont Floodplain	C  Iface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  ix (F2)  b (F6)  ace (F7)  (F8)  1) (MLRA 151)  ssess (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MIRA 150A)  6) (S0IS (F19) (MLRA 149A)	M  Location: PL=Pore  Indicators for Pro No	silt loam solis: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
0-4 4-10 10-16  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral a Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (if observed): None	90 90 90 RM=Reduced Matr 4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ( (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Reduced Vertic (F17) Piedmont Floodplain	C  Iface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  ix (F2)  b (F6)  ace (F7)  (F8)  1) (MLRA 151)  ssess (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MIRA 150A)  6) (S0IS (F19) (MLRA 149A)	M  Location: PL=Pore  Indicators for Pro No	silt loam sols lend load seld load silt loam sold load s
0-4 4-10 10-16  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral a Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (if observed): None	90 90 90 RM=Reduced Matr 4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ( (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Reduced Vertic (F17) Piedmont Floodplain	C  Iface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  ix (F2)  b (F6)  ace (F7)  (F8)  1) (MLRA 151)  ssess (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MIRA 150A)  6) (S0IS (F19) (MLRA 149A)	M  Location: PL=Pore  Indicators for Pro No	silt loam sols lend load seld load silt loam sold load s
0-4 4-10 10-16  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral a Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (if observed): None	90 90 90 RM=Reduced Matr 4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ( (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Reduced Vertic (F17) Piedmont Floodplain	C  Iface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  ix (F2)  b (F6)  ace (F7)  (F8)  1) (MLRA 151)  ssess (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MIRA 150A)  6) (S0IS (F19) (MLRA 149A)	M  Location: PL=Pore  Indicators for Pro No	silt loam sols lend load seld load silt loam sold load s
0-4 4-10 10-16  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral a Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (if observed): None	90 90 90 RM=Reduced Matr 4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ( (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Reduced Vertic (F17) Piedmont Floodplain	C  Iface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  ix (F2)  b (F6)  ace (F7)  (F8)  1) (MLRA 151)  ssess (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MIRA 150A)  6) (S0IS (F19) (MLRA 149A)	M  Location: PL=Pore  Indicators for Pro No	silt loam sols lend load seld load silt loam sold load s
0-4 4-10 10-16  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral a Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (if observed): None	90 90 90 RM=Reduced Matr 4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ( (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Reduced Vertic (F17) Piedmont Floodplain	C  Iface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  ix (F2)  b (F6)  ace (F7)  (F8)  1) (MLRA 151)  ssess (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MIRA 150A)  6) (S0IS (F19) (MLRA 149A)	M  Location: PL=Pore  Indicators for Pro No	silt loam sols lend load seld load silt loam sold load s
0-4 4-10 10-16  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral a Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (if observed): None	90 90 90 RM=Reduced Matr 4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ( (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Reduced Vertic (F17) Piedmont Floodplain	C  Iface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  ix (F2)  b (F6)  ace (F7)  (F8)  1) (MLRA 151)  ssess (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MIRA 150A)  6) (S0IS (F19) (MLRA 149A)	M  Location: PL=Pore  Indicators for Pro No	silt loam sols lend load seld load silt loam sold load s
0-4 4-10 10-16  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral a Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (if observed): None	90 90 90 RM=Reduced Matr 4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ( (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Reduced Vertic (F17) Piedmont Floodplain	C  Iface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  ix (F2)  b (F6)  ace (F7)  (F8)  1) (MLRA 151)  ssess (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MIRA 150A)  6) (S0IS (F19) (MLRA 149A)	M  Location: PL=Pore  Indicators for Pro No	silt loam sols lend load seld load silt loam sold load s
0-4 4-10 10-16  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral a Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (if observed): None	90 90 90 RM=Reduced Matr 4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ( (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Reduced Vertic (F17) Piedmont Floodplain	C  Iface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  ix (F2)  b (F6)  ace (F7)  (F8)  1) (MLRA 151)  ssess (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MIRA 150A)  6) (S0IS (F19) (MLRA 149A)	M  Location: PL=Pore  Indicators for Pro No	silt loam sols lend load seld load silt loam sold load s

2 3 66.67%
3
3
66.67%
66.67%
66.57%
No
Yes
N/A
No
oproximately 20'
proximately 20
, approximately
approximately 3-
ous vines,
pt woody vines,
ight.
es , a

Project/Site:		sen Lane on I-10 an		Parish: East Bator	n Rouge	Sampling Date:	6/26/2017	
Applicant/Owner:	Louisiana Department	of Transportation and De	evelopment	State: Louisiana		Sampling Point:	2	
Investigator(s):	Taylor Simoneaux	, Tim Kimmel		Section, Township	o. Range:	Section 41, Town	ship 7 South, Range 1 East	
Landform (hillslop		Flat			Local Relief (concave			
Subregion (LRR o		LRR P	Lat: 30.416102°		Long: -91.113889°	,	Datum: NAD83	
Oabicgion (Little	i WEIVA).				Long51.115005	NIM/I Classification		
Soil Map Unit Nan	ie:	Deeriord-verduri co	unbiex	\/ //f		NWI Classification	ii. Noile	
Are climatic / hydr	ologic conditions or	Deerford-Verdun con the site typical for the	his time of year?		olain in Remarks)			
Are Vegetation	, Soil,	or Hydrology	_significantly distur		Are "Normal Circums		Yes	
Are Vegetation	, Soil,	or Hydrology	naturally problem	atic? No	(If needed, explain ar	ny answers in Rema	arks.)	
SUMMARY OF FI	NDINGS							
Hydrophytic Vege	tation Present?	Ye	es					
Hydric Soil Preser		Ye		Is the Sampled A	rea within a Wetland	?	Yes	
Wetland Hydrolog			es	Is the Sampled Area within a Wetland?				
Remarks:	y Fresent:	11						
Remarks.								
HYDROLOGY								
Wetland Hydrolo	ny Indicators					Secondary Indica	tors (Need 2):	
Primary Indicators						No	Surface Soil Cracked (B6)	
		\	NI-	Matau Ctained La	(DO)			
No	Surface Water (A1	,	No	Water Stained Lea	, ,	No	Sparsely Veg. Concave Surface (B8)	
No	High Water Table	(A2)	No	_Aquatic Fauna (B		No	_Drainage Patterns (B10)	
Yes	Yes Saturation (A3)		No	Marl Deposits (B1	5) (LRR U)	No	Moss Trim Lines (B16)	
No	Water Marks (B1)		No	Hydrogen Sulfide	Odor (C1)	No	Dry-Season Water Table (C2)	
No	Sediment Deposits	s (B2)	No	Oxidized Root Ch	nannels (C3)	No	Crayfish Burrows (C8)	
No	Drift Deposits (B3)	. ,	No	Presence of Redu	, ,	No	Saturation on Aerial Imagery (C9)	
					, ,		Geomorphic Position (D2)	
No	Algal Mat or Crust	(D4)	No	Recent Reduct. in	, ,	No		
No	Iron Deposits (B5)		No	Thin Muck Surfac	, ,	No	Shallow Aquitard (D3)	
No	Inundation on Aeri	al Imagery (B7)	No	Other (Explain in I	Remarks)	No	FAC-Neutral Test (D5)	
	-			_		No	Sphagnum Moss (D8) (LRR T, U)	
Field Observation	ns:							
Surface Water Pre		None	Depth (inches):	N/A		Wetland Hydrolo	nav Present?	
Water table Prese		None	Depth (inches):	N/A		Woulding Hydroid	Yes	
			,				res	
Saturation Presen Remarks:	ι?	Yes	Depth (inches):	0-16				
SOIL								
Depth	M:	atrix	I	Redo	x Features		Texture	
•		%	Calar	%		Lanation	TOALUTO	
Inches	Color		Color	70	Туре	Location	eilt leene	
	10YR 4/2	100					silt loam	
0-2								
0-2 2-16	10YR 5/2	90	10YR 5/6	10	С	М	silt loam	
			10YR 5/6	10	С	M		
			10YR 5/6	10	С	M		
			10YR 5/6	10	С	М		
			10YR 5/6	10	С	M		
			10YR 5/6	10	С	M		
2-16	10YR 5/2	90					silt loam	
2-16	10YR 5/2							
2-16  Type: C=Concents	10YR 5/2	90				Location: PL=Por	silt loam e Lining, M=Matrix	
2-16  Type: C=Concenti	10YR 5/2 ation, D=Depletion	90	ix, CS=Covered or	Coated Sand Grain	IS	Location: PL=Por	silt loam e Lining, M=Matrix oblematic Soils:	
2-16  Type: C=Concents	ation, D=Depletion	90 RM=Reduced Matr		Coated Sand Grain	rface (S8) (LRR S,T,U)	Location: PL=Por	silt loam e Lining, M=Matrix oblematic Soils: 1cm Muck (A9) (LRR O)	
2-16  Type: C=Concenti	10YR 5/2 ation, D=Depletion	90 RM=Reduced Matr	ix, CS=Covered or	Coated Sand Grain	rface (S8) (LRR S,T,U)	Location: PL=Por	silt loam e Lining, M=Matrix oblematic Soils:	
2-16  Type: C=Concentu  Hydric Soil Indic: No	ation, D=Depletion	90 RM=Reduced Matr	ix, CS=Covered or	Coated Sand Grain	rface (S8) (LRR S,T,U) S9) (LRR S,T,U)	Location: PL=Por Indicators for Pr	silt loam e Lining, M=Matrix oblematic Soils: 1cm Muck (A9) (LRR O)	
2-16  Type: C=Concentr  Hydric Soil Indic: No No No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2)	90 , RM=Reduced Matr	No No No	Coated Sand Grain Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O)	Location: PL=Por Indicators for Pr No No No	silt loam  e Lining, M=Matrix  oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)	
Z-16  Type: C=Concent  Hydric Soil Indic: No No No No	ation, D=Depletion ators: Histot (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A	90 RM=Reduced Matr	ix, CS=Covered or  No No No No	Coated Sand Grair Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2)	Location: PL=Por Indicators for Pr No No No	silt loam  e Lining, M=Matrix  oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)	
2-16  Type: C=Concente  Hydric Soil Indic: No No No No No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5	90 RM=Reduced Matr	No No No No Yes	Coated Sand Grain Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3	riface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2)	Location: PL=Por Indicators for Pr No No No No No	silt loam  e Lining, M=Matrix  oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)	
2-16  Type: C=Concentr  Hydric Soil Indic:  No No No No No No No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6)	90  RM=Reduced Matr  4) ) (LRR P,T,U)	No No No No No Yes	Coated Sand Grain Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6)	Location: PL=Por Indicators for Pr No No No No No No	silt loam  e Lining, M=Matrix  oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)	
2-16  Type: C=Concentr  Hydric Soil Indic: No No No No No No No No No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral	90  , RM=Reduced Matr  4) ) (LRR P,T,U) (A7) (LRR P,T,U)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface	riface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ) (F6) ace (F7)	Location: PL=Por  Indicators for Pr No	silt loam  e Lining, M=Matrix  oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
Z-16  Type: C=Concentr  Hydric Soil Indic: No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6) 5cm Mucky Mineral Muck Presence (A8)	90  RM=Reduced Matr  4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U)	No No No No No No No No No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions	riface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ) (F6) ace (F7)	Location: PL=Por Indicators for Pr No No No No No No	silt loam  e Lining, M=Matrix  oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)	
2-16  Type: C=Concentr  Hydric Soil Indic: No No No No No No No No No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral	90  RM=Reduced Matr  4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface	riface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ) (F6) ace (F7)	Location: PL=Por  Indicators for Pr No	silt loam  e Lining, M=Matrix  oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
Z-16  Type: C=Concentr  Hydric Soil Indic: No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6) 5cm Mucky Mineral Muck Presence (A8)	90  RM=Reduced Matr  4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T)	No No No No No No No No No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions	Inface (S8) (LRR S,T,U) S9) (LRR S,T,U) rad (F1) (LRR (O) ix (F2) ) (F6) ace (F7) (F8)	Location: PL=Por  Indicators for Pr No	silt loam  e Lining, M=Matrix  oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
Z-16  Type: C=Concente  Hydric Soil Indic: No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR	90  , RM=Reduced Matr  4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1	Inface (S8) (LRR S,T,U) S9) (LRR S,T,U) rad (F1) (LRR (O) ix (F2) ) (F6) ace (F7) (F8)	Location: PL=Por  Indicators for Pr No	silt loam  e Lining, M=Matrix  oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
2-16  Type: C=Concentr  Hydric Soil Indic: No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (AB Depleted Below Dar Thick Dark Surface (AB)	90  AM=Reduced Matr  A)  (LRR P,T,U)  (A7) (LRR P,T,U)  (LRR U)  R P,T)  k Surface (A11)  (A12)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Ochric (F1	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) 0 (F6) ace (F7) (F8) (F8) (I1) (MLRA 151) asses (F12) (LRR O,P,T)	Location: PL=Por  Indicators for Pr No	silt loam  e Lining, M=Matrix  oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
2-16  Type: C=Concentr  Hydric Soil Indic: No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below DT hick Dark Surface ( Coast Prairie Redox	90  RM=Reduced Matr  (4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) (A12) (A16) (MLRA 150A)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mines Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Ochric (F1 Iron-Manganese Mat Umbric Surface (F1	orface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ) (F6) ace (F7) (F8) 11) (MLRA 151) ssess (F12) (LRR O,P,T) 3) (LRR P, T, U)	Location: PL=Por  Indicators for Pr No	silt loam  e Lining, M=Matrix  oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
2-16  Type: C=Concent  Hydric Soil Indic: No	ation, D=Depletion ators: Histol (A1) Histol (A1) Histol (A2) Black Histol (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral	90  AM=Reduced Matr  (LRR P,T,U) (LRR P,T,U) (LRR U) (LRR U) R P,T) k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Surface Depleted Obark Surface Under	orface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) ii) (MLRA 151) ssess (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151)	Location: PL=Por  Indicators for Pr No	silt loam  e Lining, M=Matrix  oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
2-16  Type: C=Concente  Hydric Soil Indic: No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix	90  AM=Reduced Matr  (LRR P,T,U) (LRR P,T,U) (LRR U) (LRR U) R P,T) k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Mt Umbric Surface (F1 Delta Ochric (F17) ( Reduced Vertic (F18)	Inface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ia (F6) ace (F7) (F8) i1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) B) (MLRA 150A, 150B)	Location: PL=Por  Indicators for Pr No	silt loam  e Lining, M=Matrix  oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
2-16  Type: C=Concentr  Hydric Soil Indic: No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Miners Sandy Gleyed Matris Sandy Redox (S5)	90  AM=Reduced Matr  (LRR P,T,U) (LRR P,T,U) (LRR U) (LRR U) R P,T) k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Below Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) (1 Reduced Vertic (F17) (1 Piedmont Floodplain	Irface (S8) (LRR S,T,U) S9) (LRR S,T,U) sal (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) l1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) b) (MLRA 150B) n Soils (F19) (MLRA 149	Location: PL=Por Indicators for Pr No	silt loam  e Lining, M=Matrix  oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
2-16  Type: C=Concentr  Hydric Soil Indic: No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Grganic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6)	90  ARM=Reduced Matr  (A) (BRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LRR U) (LRR U) (LRA U)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Below Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) (1 Reduced Vertic (F17) (1 Reduced Vertic (F17) (1	Inface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ia (F6) ace (F7) (F8) i1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) B) (MLRA 150A, 150B)	Location: PL=Por Indicators for Pr No	silt loam  e Lining, M=Matrix  oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
2-16  Type: C=Concentr  Hydric Soil Indic: No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Miners Sandy Gleyed Matris Sandy Redox (S5)	90  ARM=Reduced Matr  (A) (BRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LRR U) (LRR U) (LRA U)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Below Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) (1 Reduced Vertic (F17) (1 Reduced Vertic (F17) (1	Irface (S8) (LRR S,T,U) S9) (LRR S,T,U) sal (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) l1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) b) (MLRA 150B) n Soils (F19) (MLRA 149	Location: PL=Por Indicators for Pr No	silt loam  e Lining, M=Matrix  oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
2-16  Type: C=Concent  Hydric Soil Indic: No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Minera Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I	90  ARM=Reduced Matr  (A) (BRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LRR U) (LRR U) (LRA U)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Below Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) (1 Reduced Vertic (F17) (1 Reduced Vertic (F17) (1	Irface (S8) (LRR S,T,U) S9) (LRR S,T,U) sal (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) l1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) b) (MLRA 150B) n Soils (F19) (MLRA 149	Location: PL=Por Indicators for Pr No	silt loam  e Lining, M=Matrix  oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
2-16  Type: C=Concente  Hydric Soil Indic: No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I (if observed):	90  ARM=Reduced Matr  (A) (BRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LRR U) (LRR U) (LRA U)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Below Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) (1 Reduced Vertic (F17) (1 Reduced Vertic (F17) (1	Irface (S8) (LRR S,T,U) S9) (LRR S,T,U) sal (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) l1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) b) (MLRA 150B) n Soils (F19) (MLRA 149	Location: PL=Por Indicators for Pr No	silt loam  e Lining, M=Matrix  oblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)	
2-16  Type: C=Concentr  Hydric Soil Indic: No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I (if observed): None	90  ARM=Reduced Matr  (A) (BRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LRR U) (LRR U) (LRA U)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Below Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) (1 Reduced Vertic (F17) (1 Reduced Vertic (F17) (1	Irface (S8) (LRR S,T,U) S9) (LRR S,T,U) sal (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) l1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) b) (MLRA 150B) n Soils (F19) (MLRA 149	Location: PL=Por Indicators for Pr No	silt loam  e Lining, M=Matrix  oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)	
2-16  Type: C=Concente  Hydric Soil Indic: No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I (if observed):	90  ARM=Reduced Matr  (A) (BRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LRR U) (LRR U) (LRA U)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Below Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) (1 Reduced Vertic (F17) (1 Reduced Vertic (F17) (1	Irface (S8) (LRR S,T,U) S9) (LRR S,T,U) sal (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) l1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) b) (MLRA 150B) n Soils (F19) (MLRA 149	Location: PL=Por Indicators for Pr No	silt loam  e Lining, M=Matrix  oblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)	
2-16  Type: C=Concentr  Hydric Soil Indic: No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Corganic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I (if observed): None	90  ARM=Reduced Matr  (A) (BRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LRR U) (LRR U) (LRA U)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Below Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) (1 Reduced Vertic (F17) (1 Reduced Vertic (F17) (1	Irface (S8) (LRR S,T,U) S9) (LRR S,T,U) sal (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) l1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) b) (MLRA 150B) n Soils (F19) (MLRA 149	Location: PL=Por Indicators for Pr No	silt loam  e Lining, M=Matrix  oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)	
2-16  Type: C=Concentr  Hydric Soil Indic: No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Corganic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I (if observed): None	90  ARM=Reduced Matr  (A) (BRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LRR U) (LRR U) (LRA U)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Below Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) (1 Reduced Vertic (F17) (1 Reduced Vertic (F17) (1	Irface (S8) (LRR S,T,U) S9) (LRR S,T,U) sal (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) l1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) b) (MLRA 150B) n Soils (F19) (MLRA 149	Location: PL=Por Indicators for Pr No	silt loam  e Lining, M=Matrix  oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)	
2-16  Type: C=Concentr  Hydric Soil Indic: No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Corganic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I (if observed): None	90  ARM=Reduced Matr  (A) (BRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LRR U) (LRR U) (LRA U)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Below Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) (1 Reduced Vertic (F17) (1 Reduced Vertic (F17) (1	Irface (S8) (LRR S,T,U) S9) (LRR S,T,U) sal (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) l1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) b) (MLRA 150B) n Soils (F19) (MLRA 149	Location: PL=Por Indicators for Pr No	silt loam  e Lining, M=Matrix  oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)	
2-16  Type: C=Concentr  Hydric Soil Indic: No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Corganic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I (if observed): None	90  ARM=Reduced Matr  (A) (BRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LRR U) (LRR U) (LRA U)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Below Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) (1 Reduced Vertic (F17) (1 Reduced Vertic (F17) (1	Irface (S8) (LRR S,T,U) S9) (LRR S,T,U) sal (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) l1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) b) (MLRA 150B) n Soils (F19) (MLRA 149	Location: PL=Por Indicators for Pr No	silt loam  e Lining, M=Matrix  oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)	
2-16  Type: C=Concentr  Hydric Soil Indic: No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Corganic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I (if observed): None	90  ARM=Reduced Matr  (A) (BRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LRR U) (LRR U) (LRA U)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Below Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) (1 Reduced Vertic (F17) (1 Reduced Vertic (F17) (1	Irface (S8) (LRR S,T,U) S9) (LRR S,T,U) sal (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) l1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) b) (MLRA 150B) n Soils (F19) (MLRA 149	Location: PL=Por Indicators for Pr No	silt loam  e Lining, M=Matrix  oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)	
2-16  Type: C=Concentr  Hydric Soil Indic: No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Corganic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I (if observed): None	90  ARM=Reduced Matr  (A) (BRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LRR U) (LRR U) (LRA U)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Below Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) (1 Reduced Vertic (F17) (1 Reduced Vertic (F17) (1	Irface (S8) (LRR S,T,U) S9) (LRR S,T,U) sal (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) l1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) b) (MLRA 150B) n Soils (F19) (MLRA 149	Location: PL=Por Indicators for Pr No	silt loam  e Lining, M=Matrix  oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)	
2-16  Type: C=Concentr  Hydric Soil Indic: No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Corganic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I (if observed): None	90  ARM=Reduced Matr  (A) (BRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LRR U) (LRR U) (LRA U)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Below Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) (1 Reduced Vertic (F17) (1 Reduced Vertic (F17) (1	Irface (S8) (LRR S,T,U) S9) (LRR S,T,U) sal (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) l1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) b) (MLRA 150B) n Soils (F19) (MLRA 149	Location: PL=Por Indicators for Pr No	silt loam  e Lining, M=Matrix  oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)	
2-16  Type: C=Concentr  Hydric Soil Indic: No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Corganic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I (if observed): None	90  ARM=Reduced Matr  (A) (BRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LRR U) (LRR U) (LRA U)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Below Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) (1 Reduced Vertic (F17) (1 Reduced Vertic (F17) (1	Irface (S8) (LRR S,T,U) S9) (LRR S,T,U) sal (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) l1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) b) (MLRA 150B) n Soils (F19) (MLRA 149	Location: PL=Por Indicators for Pr No	silt loam  e Lining, M=Matrix  oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)	
2-16  Type: C=Concentr  Hydric Soil Indic: No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Corganic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I (if observed): None	90  ARM=Reduced Matr  (A) (BRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LRR U) (LRR U) (LRA U)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Below Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) (1 Reduced Vertic (F17) (1 Reduced Vertic (F17) (1	Irface (S8) (LRR S,T,U) S9) (LRR S,T,U) sal (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) l1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) b) (MLRA 150B) n Soils (F19) (MLRA 149	Location: PL=Por Indicators for Pr No	silt loam  e Lining, M=Matrix  oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)	

VEGETATION SAMPLING POINT Absolute % Dominant Dominance Test Worksheet: Tree Stratum Plot Size: 30 Indicator Status Number of Dominant Species That Cover **Species** (A): Ulmus americana are OBL, FACW, or FAC FAC 30 Yes Quercus virginiana Yes 20 FACU Total Number of Dominant Species FAC Quercus shumardii Yes 15 Across All Strata Percent of Dominant Species (A/B): That Are OBL, FACW, or FAC 85.71% Prevalence Index Worksheet: 50/20 Threshold 65 Multiply = Total Cover Total % Cover of: 50% of Total Cover = 32.5 20% of Total Cover = OBL x1= Dominant FACW x2= Plot Size: 30' Sapling Stratum Indicator Status Cover Species FAC x3= FACU x4= None UPL x5= A Totals В 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: 0 50/20 Threshold = Total Cover 50% of Total Cover = 0 Tree - Woody plants, excluding woody vines, approximately 20' 20% of Total Cover = or more in height and 3" or larger in DBH. Dominant Plot Size: 30' Shrub Stratum Indicator Status Cover Species Ligustrum japonicum Sapling - Woody plants, excluding woody vines, approximately 20 Yes FAC Ligustrum sinense 20 Yes FAC 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. 50/20 Threshold 40 = Total Cover 50% of Total Cover = 20 Woody vine - All woody vines, regardless of height. 20% of Total Cover = Dominant Remarks: Indicator Status Plot Size: 30' Herb Stratum Cover **Species** Chasmanthium latifolium 20 Yes FAC Hydrocotyle americana Yes 20 OBL Phyla nodiflora No 5 FAC 50/20 Threshold 45 = Total Cover 50% of Total Cover = 22.5 20% of Total Cover = Woody Vine Absolute % Dominant Plot Size: 30 Indicator Status Stratum Cover Species None 0 = Total Cover 50/20 Threshold Hydrophytic Vegetation Present?

040-012-001-035NG WDR DF PROVIDENCE

Yes

50% of Total Cover = 0

20% of Total Cover = 0

Project/Site:	I-10: LA 415 to Es	sen Lane on I-10 and	d I-12	Parish: East Bator	n Rouge	Sampling Date:	6/26/2017	
Applicant/Owner:	Louisiana Department	of Transportation and De	evelopment	State: Louisiana		Sampling Point:	3	
Investigator(s):	Taylor Simoneaux		· ·	Section, Township	Danga:		ship 7 South, Range 1 East	
				Section, Township				
Landform (hillslop		Flat			Local Relief (concave	e, convex, none): No		
Subregion (LRR of	or MLRA):	LRR P	Lat: 30.417276		Long: -91.113595°		Datum: NAD83	
Soil Map Unit Nar	me.	Deerford-Verdun co	mnlex		•	NWI Classification	None	
		n the site typical for t		Voc. (If no ovr	olain in Remarks)		******	
							V	
Are Vegetation	, Soil,	or Hydrology	significantly distu		Are "Normal Circums		Yes	
Are Vegetation	, Soil,	or Hydrology	naturally problem	atic? No	(If needed, explain ar	ny answers in Rema	rks.)	
SUMMARY OF F	INDINGS							
Hydrophytic Vege		Ye	20	T				
				l		_		
Hydric Soil Prese		Ye		Is the Sampled Area within a Wetland?				
Wetland Hydrolog	gy Present?	Ye	es					
Remarks:				•				
HYDROLOGY								
Wetland Hydrolo	nay Indicators					Secondary Indicat	ors (Need 2):	
Primary Indicators						•	Surface Soil Cracked (B6)	
					(56)	No		
No	Surface Water (A	1)	No	_Water Stained Lea	aves (B9)	No	Sparsely Veg. Concave Surface (B8)	
No	High Water Table	(A2)	No	Aquatic Fauna (B	13)	No	Drainage Patterns (B10)	
No	Saturation (A3)		No	Marl Deposits (B1	5) (LRR U)	No	Moss Trim Lines (B16)	
	• ' '							
No	Water Marks (B1)		No	Hydrogen Sulfide		No	Dry-Season Water Table (C2)	
No	Sediment Deposit	s (B2)	No	Oxidized Root Ch	nannels (C3)	No	Crayfish Burrows (C8)	
Yes	Drift Deposits (B3	)	No	Presence of Redu	ced Iron (C4)	No	Saturation on Aerial Imagery (C9)	
No	Algal Mat or Crust		No	Recent Reduct. in	` '	No	Geomorphic Position (D2)	
	_ ~	. ,						
No	Iron Deposits (B5)		No	Thin Muck Surface	, ,	No	Shallow Aquitard (D3)	
No	Inundation on Aer	ial Imagery (B7)	No	Other (Explain in I	Remarks)	Yes	FAC-Neutral Test (D5)	
	_	- , , ,			•	No	Sphagnum Moss (D8) (LRR T, U)	
E: 1101 //						110	opriagram moss (Bo) (Erat 1, G)	
Field Observatio						L		
Surface Water Pro	esent?	None	Depth (inches):	N/A		Wetland Hydrolo	gy Present?	
Water table Prese	ent?	None	Depth (inches):	N/A			Yes	
Saturation Preser	nt?	None		N/A				
	IL!	None	Depth (inches):	N/A				
Remarks:								
SOIL								
Depth	M	atrix		Redo	x Features		Texture	
Inches	Color	%	Color	%		Location		
			COIOI	70	Туре	Location	20.1	
0-4	10YR 4/2	100					silt loam	
4-16	10YR 5/2	90	10YR 5/6	10	С	M	silt loam	
		1						
						+		
Type: C=Concent	tration, D=Depletion	, RM=Reduced Matr	x, CS=Covered or	Coated Sand Grain	ls	Location: PL=Pore	E Lining, M=Matrix	
Type: C=Concent	ration, D=Depletion	, RM=Reduced Matr	x, CS=Covered or	Coated Sand Grain	ls	Location: PL=Pore	Lining, M=Matrix	
**		, RM=Reduced Matr	x, CS=Covered or	Coated Sand Grain	is		-	
Hydric Soil Indic	ators:	, RM=Reduced Matr				Indicators for Pro	oblematic Soils:	
Hydric Soil Indic	eators: Histol (A1)		No	Polyvalue Below Su	rface (S8) (LRR S,T,U)	Indicators for Pro	oblematic Soils: 1cm Muck (A9) (LRR O)	
Hydric Soil Indic	ators:				rface (S8) (LRR S,T,U)	Indicators for Pro	oblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S)	
Hydric Soil Indic	eators: Histol (A1)		No	Polyvalue Below Su	rface (S8) (LRR S,T,U) S9) (LRR S,T,U)	Indicators for Pro	oblematic Soils: 1cm Muck (A9) (LRR O)	
Hydric Soil Indic No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3)	)	No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O)	No No No	oblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B)	
Hydric Soil Indic No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A	)	No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matr	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2)	Indicators for Pro	Discontantic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)	
Hydric Soil Indic No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6	) .4) 5)	No No No No Yes	Polyvalue Below Su Thin Dark Surface (i Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2)	Indicators for Pro	bilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)	
Hydric Soil Indic No No No No	Histol (A1) Histoi Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6 Organic Bodies (A6	) ,4) j) j (LRR P,T,U)	No No No	Polyvalue Below Su Thin Dark Surface (i Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) b (F6)	Indicators for Pro	Discontantic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)	
Hydric Soil Indic No No No No No No	Histol (A1) Histoi Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6 Organic Bodies (A6	) ,4) j) j (LRR P,T,U)	No No No No Yes	Polyvalue Below Su Thin Dark Surface (i Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) b (F6)	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)	
Hydric Soil Indic No No No No No No No	Histol (A1) Histo Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6 Organic Bodies (A6 5cm Mucky Mineral	) ,4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U)	No No No No Yes No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7)	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	Histol (A1) Histol (A1) Histoc Epipedon (A2 Black Histoc (A3) Hydrogen Sulfide (A Strattfied Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8	) ,4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U)	No No No No Yes No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matrix Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7)	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)	
Hydric Soil Indic No No No No No No No No	Histol (A1) Histol (A1) Histor Epipedon (A2 Black Histor (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF	) (4) (5) (1, LRR P,T,U) (4,7) (LRR P,T,U) (1, LRR U) (1, LRR U) (1, LRR U)	No No No No Yes No No No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) ) te (F6) ace (F7) (F8)	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	Histol (A1) Histol (A1) Histoc Epipedon (A2 Black Histoc (A3) Hydrogen Sulfide (A Strattfied Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8	) (4) (5) (1, LRR P,T,U) (4,7) (LRR P,T,U) (1, LRR U) (1, LRR U) (1, LRR U)	No No No No Yes No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matrix Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) ) te (F6) ace (F7) (F8)	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
Hydric Soil Indic No No No No No No No No	Histol (A1) Histol (A1) Histor Epipedon (A2 Black Histor (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF	4) 5) ((LRR P,T,U) (A7) (LRR P,T,U) ((LRR U) R P,T) k Surface (A11)	No No No No No Yes No No No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151)	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Depleted Below Dar Thick Dark Surface	) (4) (5) ((LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) asses (F12) (LRR O,P,T)	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	Histol (A1) Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A) Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Darthick Dark Surface Coast Prairie Redox	) (4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) (R P,T) k Surface (A11) (A12) (A16) (MLRA 150A)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1:	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8)  1) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U)	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	Histol (A1) Histol (A1) Histor Epipedon (A2 Black Histor (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dan Thick Dark Surface Coast Prairie Redov Sandy Mucky Miner	(4) (b) (c) (lkr P,T,U) (A7) (lkr P,T,U) (lkr U) (r P,T) (k Surface (A11) (A12) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8)  1) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U)	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	Histol (A1) Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A) Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Darthick Dark Surface Coast Prairie Redox	(4) (b) (c) (lkr P,T,U) (A7) (lkr P,T,U) (lkr U) (r P,T) (k Surface (A11) (A12) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) (	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8)  1) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U)	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
Hydric Soil Indic	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Organic Bodies (A6 Som Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dat Thick Dark Surface Coast Prairie Redoy Sandy Mucky Miner	(4) (b) (c) (lkr P,T,U) (A7) (lkr P,T,U) (lkr U) (r P,T) (k Surface (A11) (A12) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S)	No No No No Yes No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese (F1: Delta Ochric (F17) ( Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) ) te (F6) coce (F7) (F8) 1) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 6) (MLRA 150A, 150B)	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Lick Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5)	(4) (b) (c) (lkr P,T,U) (A7) (lkr P,T,U) (lkr U) (r P,T) (k Surface (A11) (A12) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
Hydric Soil Indic  No	Histol (A1) Histol (A1) Histor Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dat Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6)	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No No No No Yes No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) ) te (F6) coce (F7) (F8) 1) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 6) (MLRA 150A, 150B)	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Lick Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5)	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	Histol (A1) Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A) Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Darinick Dark Surface Coast Prairie Redov Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (i	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
Hydric Soil Indic  No	Histol (A1) Histol (A1) Histol (A1) Histol (A2) Black Histoc (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)	
Hydric Soil Indic  No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Lick Mucky Mineral Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed):	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)	
Hydric Soil Indic  No	Histol (A1) Histol (A1) Histol (A1) Histol (A2) Black Histoc (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)	
Hydric Soil Indic  No	Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Ich Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)	
Hydric Soil Indic  No	Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Ich Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)	
Hydric Soil Indic  No	Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Ich Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)	
Hydric Soil Indic  No	Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Ich Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)	
Hydric Soil Indic  No	Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Ich Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)	
Hydric Soil Indic  No	Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Ich Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)	
Hydric Soil Indic  No	Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Ich Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)	
Hydric Soil Indic  No	Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Ich Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)	
Hydric Soil Indic  No	Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Ich Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)	
Hydric Soil Indic  No	Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Ich Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)	
Hydric Soil Indic  No	Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Ich Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)	

VEGETATION SAMPLING POINT Dominance Test Worksheet: Absolute % Dominant Tree Stratum Plot Size: 30' Indicator Status Cover Number of Dominant Species That (A): Species Triadica sebifera are OBL, FACW, or FAC FAC Yes 70 Celtis laevigata 10 No FACW FAC Total Number of Dominant Species Ulmus americana 10 No Across All Strata 10 Percent of Dominant Species (A/B): That Are OBL, FACW, or FAC 90.00% Prevalence Index Worksheet: 50/20 Threshold Total % Cover of: Multiply 90 = Total Cover 50% of Total Cover = 45 20% of Total Cover = 18 OBL Dominant FACW x2= Plot Size: 30' Indicator Status Sapling Stratum Cover FAC x3= Species Celtis laevigata FACU x4= FACW 10 Yes Triadica sebifera 10 Yes FAC UPL x5= Ligustrum japonicum Yes FAC A Totals В 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
	25 = Total Cover	50/20 T	hreshold		Definitions of Vegetation Strata:
			6 of Total Cover =	12.5	Tree - Woody plants, excluding woody vines, approximately 20'
			6 of Total Cover =		or more in height and 3" or larger in DBH.
Observe Observations	DI-4-0! 201	Absolute %	Dominant		ggg
Shrub Stratum	Plot Size: 30'	Cover	Species	Indicator Status	
Sabal minor		40	Yes	FACW	Sapling - Woody plants, excluding woody vines, approximately
Triadica sebifera		15	Yes	FAC	20' or more in height and less than 3" in DBH.
Ulmus alata		10	No	FACU	
Sambucus nigra		10	No	FACW	
					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,
			<u> </u>		less than approximately 3' in height.
	75 = Total Cover	50/20 T	hreshold		
	= Total Cover		6 of Total Cover =	27.5	Manda vina All was de vinas ranguellas of height
			6 of Total Cover =	15	Woody vine - All woody vines, regardless of height.
		Absolute %	Dominant		Remarks:
Herb Stratum	Plot Size: 30'	Cover	Species	Indicator Status	ivernains.
Sambucus nigra		10	Yes	FACW	
Triadica sebifera		5	Yes	FAC	
Ambrosia trifida		5	Yes	FAC	1
		ŭ			1
					1
					1
					1
	20 = Total Cover		hreshold		
				10	
147 1 177			6 of Total Cover =	4	
Woody Vine	Plot Size: 30'	Absolute %	Dominant	Indicator Status	
Stratum		Cover	Species		
Lonicera japonica Toxicodendron radicans		25	Yes	FACU	4
TOXICOGETIQIOTITAGICANS		5	No	FAC	-
		<b>.</b>	-		1
					1
					1
			•		
		1	<del> </del>		1
			•	•	
	30 = Total Cover	50/20 T	hreshold		Hydrophytic Vegetation Present?
		50%	6 of Total Cover =	15	Yes
			6 of Total Cover =		

**PROVIDENCE** 040-012-001-035NG WDR DF

Project/Site:	I-10: LA 415 to Es	sen Lane on I-10 and	d I-12	Parish: East Bato	n Rouge	Sampling Date:	6/26/2017
Applicant/Owner:	Louisiana Department	of Transportation and De	evelopment	State: Louisiana		Sampling Point:	4
Investigator(s):	Taylor Simoneaux			Section, Township	n Range:		ship 7 South, Range 1 East
				Section, Townshi			
Landform (hillslop		Flat				e, convex, none): N	
Subregion (LRR o	or MLRA):	LRR P	Lat: 30.419283	•	Long: -91.118964°		Datum: NAD83
Soil Map Unit Nar	ne:	Calhoun silt loam	<del>-</del>		-	NWI Classification	None
Are climatic / hvdr	rologic conditions or	n the site typical for the	nis time of year?	Yes (If no exi	plain in Remarks)	•	
Are Vegetation	•	or Hydrology	significantly distu	, ,	Are "Normal Circums	etances" present?	Yes
						•	
Are Vegetation		or Hydrology	naturally problem	atic? No	(ii needed, explain a	iny answers in Rema	iks.)
SUMMARY OF F	INDINGS						
Hydrophytic Vege	tation Present?	N	0				
Hydric Soil Preser	nt?	N	0	Is the Sampled A	Area within a Wetland	1?	No
Wetland Hydrolog		N.		io tilo Gailipioa /			110
, ,	y rieseit!	IN	U	ļ			
Remarks:							
HYDROLOGY							
	and Indianton					Casandani Indiaa	are (Need 2).
Wetland Hydrolo						Secondary Indicat	
Primary Indicators	s (Need 1):					No	Surface Soil Cracked (B6)
No	Surface Water (A1	1)	No	Water Stained Le	aves (B9)	No	Sparsely Veg. Concave Surface (B8)
No	High Water Table	(A2)	No	Aquatic Fauna (B	13)	No	Drainage Patterns (B10)
No	Saturation (A3)	· /	No	Marl Deposits (B1	,	No	Moss Trim Lines (B16)
	• ' '						
No	Water Marks (B1)	(00)	No	Hydrogen Sulfide		No	Dry-Season Water Table (C2)
No	Sediment Deposits	s (B2)	No	Oxidized Root Cl	nannels (C3)	No	Crayfish Burrows (C8)
No	Drift Deposits (B3)	)	No	Presence of Redu	uced Iron (C4)	No	Saturation on Aerial Imagery (C9)
No	Algal Mat or Crust		No	Recent Reduct. ir		No	Geomorphic Position (D2)
	_ ~	. ,			, ,		
No	Iron Deposits (B5)		No	Thin Muck Surfac		No	Shallow Aquitard (D3)
No	Inundation on Aeri	ıal Imagery (B7)	No	Other (Explain in	Remarks)	No	FAC-Neutral Test (D5)
						No	Sphagnum Moss (D8) (LRR T, U)
Field Observatio	ns:						- , , , , ,
Surface Water Pre		None	Donth (inches)	N/A		Wetland Hydrolo	av Bracant?
			Depth (inches):			Welland Hydrolo	<del></del>
Water table Prese		None	Depth (inches):	N/A			No
Saturation Presen	nt?	None	Depth (inches):	N/A			
Remarks:							
r torriarito.							
SOIL							
Depth	М	atrix		Redo	x Features		Texture
			0-1			1 4:	TOXIGIO
Inches	Color	%	Color	%	Туре	Location	
	10YR 4/2	100					silt loam
0-2		00	40) (D 5 (0		С		ailt lagus
		98	10YR 5/6	2		I M	silt loam
0-2 2-16	10YR 5/4	98	10YR 5/6	2		M	siit loam
		98	10YR 5/6	2	Ü	M	SIILIOAITI
		98	10YR 5/6	2	Ü	M	SILIOATII
		98	10YR 5/6	2	C	M	Sili loam
		98	10YR 5/6	2		M	SIILIOAM
		98	10YR 5/6	2		M	SIILIOAM
2-16	10YR 5/4						
2-16	10YR 5/4	98 , RM=Reduced Matri				Location: PL=Pore	
2-16  Type: C=Concent	10YR 5/4  Tation, D=Depletion					Location: PL=Pore	E Lining, M=Matrix
2-16	10YR 5/4  Tation, D=Depletion						E Lining, M=Matrix
2-16  Type: C=Concent	10YR 5/4  Tation, D=Depletion			Coated Sand Grain		Location: PL=Pore	E Lining, M=Matrix
2-16  Type: C=Concent  Hydric Soil Indic  No	10YR 5/4  ration, D=Depletion  ators: Histol (A1)	, RM=Reduced Matri	x, CS=Covered or	Coated Sand Grain	ins insection (LRR S,T,U)	Location: PL=Pore Indicators for Pro	Lining, M=Matrix  bblematic Soils:  1cm Muck (A9) (LRR O)
2-16  Type: C=Concent  Hydric Soil Indic  No No	ators: Histo (A1) Histic Epipedon (A2)	, RM=Reduced Matri	x, CS=Covered or	Coated Sand Grain Polyvalue Below St. Thin Dark Surface (	urface (S8) (LRR S,T,U) S9) (LRR S,T,U)	Location: PL=Pore Indicators for Pre	Lining, M=Matrix  bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)
Type: C=Concent  Hydric Soil Indic No No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3)	, RM=Reduced Matri	X, CS=Covered or  No  No  No	Coated Sand Grain Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine	Insurface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O)	Location: PL=Pore Indicators for Pro No No No	E Lining, M=Matrix  Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)
Z-16  Type: C=Concent  Hydric Soil Indic  No No No No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A	, RM=Reduced Matri	x, CS=Covered or  No  No  No  No	Coated Sand Grain  Polyvalue Below Su  Thin Dark Surface ( Loamy Mucky Mine  Loamy Gleyed Matr	Inface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2)	Location: PL=Pore Indicators for Pro No No No No	E Lining, M=Matrix  Display to the control of the c
Z-16  Type: C=Concent  Hydric Soil Indic  No  No  No  No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5	, RM=Reduced Matri	X, CS=Covered or  No No No No No	Polyvalue Below St Thin Dark Surface Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) rai (F1) (LRR (O) rix (F2)	Location: PL=Pore Indicators for Pro No No No No No	E Lining, M=Matrix  Delematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A91) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)
Z-16  Type: C=Concent  Hydric Soil Indic  No No No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6)	, RM=Reduced Matri	x, CS=Covered or  No  No  No  No	Coated Sand Grain  Polyvalue Below Su  Thin Dark Surface ( Loamy Mucky Mine  Loamy Gleyed Matr	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) rai (F1) (LRR (O) rix (F2)	Location: PL=Pore Indicators for Pro No No No No	E Lining, M=Matrix  Display to the control of the c
Z-16  Type: C=Concent  Hydric Soil Indic  No  No  No  No  No  No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6)	, RM=Reduced Matri	No No No No No No No	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface)	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) iix (F2) b) e (F6)	Location: PL=Pore Indicators for Pro No No No No No No No	blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2)
Type: C=Concent  Hydric Soil Indic No	ators: Histo (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Organic Bodies (A6) 5cm Mucky Mineral	, RM=Reduced Matri	No N	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface) Depleted Dark Surface	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b) e (F6) ace (F7)	Location: PL=Pore  Indicators for Pre  No  No  No  No  No  No  No  No  No	E Lining, M=Matrix  Disternatic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Type: C=Concent  Hydric Soil Indic No	ators: Histo (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6) Corganic Bodies (A6) Som Mucky Mineral Muck Presence (A8)	, RM=Reduced Matri (A) (b) (c) (c) (c) (c) (c) (c) (c) (c	No No No No No No No No	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matrix Depleted Matrix (Fac Redox Dark Surfac Depleted Dark Surf Redox Derpressions	Insurface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) s) e (F6) ace (F7) s (F8)	Location: PL=Pore Indicators for Pro No No No No No No No	blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2)
Z-16  Type: C=Concent  Hydric Soil Indic  No	ators: Histol (A1) Histoic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR	, RM=Reduced Matri	No N	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matrix (F2 Redox Dark Surface) Depleted Dark Surf Redox Depressions Marl (F10) (LRR U)	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) rad (F1) (LRR (O) ix (F2) b) e (F6) ace (F7) (F8)	Location: PL=Pore  Indicators for Pre  No  No  No  No  No  No  No  No  No	E Lining, M=Matrix  Disternatic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Type: C=Concent  Hydric Soil Indic No	ators: Histo (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6) Corganic Bodies (A6) Som Mucky Mineral Muck Presence (A8)	, RM=Reduced Matri	No No No No No No No No	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matrix Depleted Matrix (Fac Redox Dark Surfac Depleted Dark Surf Redox Derpressions	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) rad (F1) (LRR (O) ix (F2) b) e (F6) ace (F7) (F8)	Location: PL=Pore  Indicators for Pre  No  No  No  No  No  No  No  No  No	E Lining, M=Matrix  Disternatic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Z-16  Type: C=Concent  Hydric Soil Indic  No	ators: Histol (A1) Histoic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR	, RM=Reduced Matri  A4) b) (LRR P,T,U) (A7) (LRR P,T,U) (J (LRR U) R P,T) k Surface (A11)	No N	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matt Depleted Matrix (F2 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) rad (F1) (LRR (O) ix (F2) b) e (F6) ace (F7) (F8)	Location: PL=Pore Indicators for Pro No	E Lining, M=Matrix  Disternatic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Type: C=Concent  Hydric Soil Indic  No	ators: Histol (A1) Histoc (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface	, RM=Reduced Matri (4) (5) (1) (1) (1) (1) (1) (1) (1) (1	No N	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Iron-Manganese Mi	Inface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) itx (F2) b) (F6) ace (F7) i(F8) 11) (MLRA 151) asses (F12) (LRR O,P,T,	Location: PL=Pore Indicators for Pro No	E Lining, M=Matrix  Disternatic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Type: C=Concent  Hydric Soil Indic No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dr. Thick Dark Surface Coast Prairie Redox	A4) 5) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A16) (MLRA 150A)	No N	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Oberic (F1 Iron-Manganese Mat Umbric Surface (F1	Inface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b) e (F6) ace (F7) i: (F8)  11) (MLRA 151) asses (F12) (LRR O,P,T, 3) (LRR P, T, U)	Location: PL=Pore Indicators for Pro No	E Lining, M=Matrix  Disternatic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Z-16  Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Minera	, RM=Reduced Matri (4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) (R P,T) (k Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S)	No N	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mati Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F17) Unbric Surface (F1 Delta Ochric (F17)	Inface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b) e (F6) ace (F7) e (F8)  11) (MLRA 151) asses (F12) (LRR O,P,T, 3) (LRR P, T, U) (MLRA 151)	Location: PL=Pore Indicators for Pro No	E Lining, M=Matrix  Disternatic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Z-16  Type: C=Concent  Hydric Soil Indic  No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Miners Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matri	, RM=Reduced Matri (4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) (R P,T) (k Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S)	No N	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Derpessions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M. Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F1	Inface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix) ix (F2) ix) ia (F6) ace (F7) ix (F8) iii) (MLRA 151) asses (F12) (LRR P, T, U) (MLRA 151) iii) (MLRA 151) iiii) (MLRA 151) iiii) (MLRA 151) iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	Location: PL=Pore Indicators for Pro No	E Lining, M=Matrix  Disternatic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Z-16  Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Minera	, RM=Reduced Matri (4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) (R P,T) (k Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S)	No N	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Derpessions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M. Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F1	Inface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b) e (F6) ace (F7) e (F8)  11) (MLRA 151) asses (F12) (LRR O,P,T, 3) (LRR P, T, U) (MLRA 151)	Location: PL=Pore Indicators for Pro No	E Lining, M=Matrix  Disternatic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Z-16  Type: C=Concent  Hydric Soil Indic  No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Miners Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matri	, RM=Reduced Matri (4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) (R P,T) (k Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S)	No N	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M: Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F1 Piedmont Floodplai	inface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) rix (F2) b) e (F6) ace (F7) e (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T, 3) (LRR P, T, U) (MLRA 151) (MLRA 150B) n Soils (F19) (MLRA 148	Location: PL=Pore Indicators for Pre No	E Lining, M=Matrix  Disternatic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
2-16  Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dr. Thick Dark Surface Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6)	A) (A) (b) (I(LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (RR P,T) (RR P,T) (A12) (A12) (A16) (MLRA 150A) (A16) (MLRA 0,S) (X (S4)	No N	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M: Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F1 Piedmont Floodplai	Inface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix) ix (F2) ix) ia (F6) ace (F7) ix (F8) iii) (MLRA 151) asses (F12) (LRR P, T, U) (MLRA 151) iii) (MLRA 151) iiii) (MLRA 151) iiii) (MLRA 151) iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	Location: PL=Pore Indicators for Pre No	E Lining, M=Matrix  Disternatic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Z-16  Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface (Coast Prairie Redox Sandy Mucky Miners Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I	A) (A) (b) (I(LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (RR P,T) (RR P,T) (A12) (A12) (A16) (MLRA 150A) (A16) (MLRA 0,S) (X (S4)	No N	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M: Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F1 Piedmont Floodplai	inface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) rix (F2) b) e (F6) ace (F7) e (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T, 3) (LRR P, T, U) (MLRA 151) (MLRA 150B) n Soils (F19) (MLRA 148	Location: PL=Pore Indicators for Pre No	E Lining, M=Matrix  Disternatic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Z-16  Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Minera Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir (If observed):	A) (A) (b) (I(LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (RR P,T) (RR P,T) (A12) (A12) (A16) (MLRA 150A) (A16) (MLRA 0,S) (X (S4)	No N	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M: Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F1 Piedmont Floodplai	inface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) rix (F2) b) e (F6) ace (F7) e (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T, 3) (LRR P, T, U) (MLRA 151) (MLRA 150B) n Soils (F19) (MLRA 148	Location: PL=Pore  Indicators for Pro  No  No  No  No  No  No  No  No  No	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Z-16  Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface (Coast Prairie Redox Sandy Mucky Miners Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I	A) (A) (b) (I(LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (RR P,T) (RR P,T) (A12) (A12) (A16) (MLRA 150A) (A16) (MLRA 0,S) (X (S4)	No N	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M: Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F1 Piedmont Floodplai	inface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) rix (F2) b) e (F6) ace (F7) e (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T, 3) (LRR P, T, U) (MLRA 151) (MLRA 150B) n Soils (F19) (MLRA 148	Location: PL=Pore Indicators for Pre No	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Z-16  Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Minera Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir (If observed):	A) (A) (b) (I(LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (RR P,T) (RR P,T) (A12) (A12) (A16) (MLRA 150A) (A16) (MLRA 0,S) (X (S4)	No N	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M: Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F1 Piedmont Floodplai	inface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) rix (F2) b) e (F6) ace (F7) e (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T, 3) (LRR P, T, U) (MLRA 151) (MLRA 150B) n Soils (F19) (MLRA 148	Location: PL=Pore  Indicators for Pro  No  No  No  No  No  No  No  No  No	E Lining, M=Matrix  Delematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Z-16  Type: C=Concent  Hydric Soil Indic  No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir (If observed): None	A) (A) (b) (I(LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (RR P,T) (RR P,T) (A12) (A12) (A16) (MLRA 150A) (A16) (MLRA 0,S) (X (S4)	No N	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M: Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F1 Piedmont Floodplai	inface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) rix (F2) b) e (F6) ace (F7) e (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T, 3) (LRR P, T, U) (MLRA 151) (MLRA 150B) n Soils (F19) (MLRA 148	Location: PL=Pore  Indicators for Pro  No  No  No  No  No  No  No  No  No	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Z-16  Type: C=Concent  Hydric Soil Indic  No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir (If observed): None	A) (A) (b) (I(LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (RR P,T) (RR P,T) (A12) (A12) (A16) (MLRA 150A) (A16) (MLRA 0,S) (X (S4)	No N	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M: Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F1 Piedmont Floodplai	inface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) rix (F2) b) e (F6) ace (F7) e (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T, 3) (LRR P, T, U) (MLRA 151) (MLRA 150B) n Soils (F19) (MLRA 148)	Location: PL=Pore  Indicators for Pro  No  No  No  No  No  No  No  No  No	E Lining, M=Matrix  Delematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Z-16  Type: C=Concent  Hydric Soil Indic  No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir (If observed): None	A) (A) (b) (I(LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (RR P,T) (RR P,T) (A12) (A12) (A16) (MLRA 150A) (A16) (MLRA 0,S) (X (S4)	No N	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M: Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F1 Piedmont Floodplai	inface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) rix (F2) b) e (F6) ace (F7) e (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T, 3) (LRR P, T, U) (MLRA 151) (MLRA 150B) n Soils (F19) (MLRA 148)	Location: PL=Pore  Indicators for Pro  No  No  No  No  No  No  No  No  No	E Lining, M=Matrix  Delematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Z-16  Type: C=Concent  Hydric Soil Indic  No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir (If observed): None	A) (A) (b) (I(LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (RR P,T) (RR P,T) (A12) (A12) (A16) (MLRA 150A) (A16) (MLRA 0,S) (X (S4)	No N	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M: Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F1 Piedmont Floodplai	inface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) rix (F2) b) e (F6) ace (F7) e (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T, 3) (LRR P, T, U) (MLRA 151) (MLRA 150B) n Soils (F19) (MLRA 148)	Location: PL=Pore  Indicators for Pro  No  No  No  No  No  No  No  No  No	E Lining, M=Matrix  Delematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Z-16  Type: C=Concent  Hydric Soil Indic  No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir (If observed): None	A) (A) (b) (I(LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (RR P,T) (RR P,T) (A12) (A12) (A16) (MLRA 150A) (A16) (MLRA 0,S) (X (S4)	No N	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M: Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F1 Piedmont Floodplai	inface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) rix (F2) b) e (F6) ace (F7) e (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T, 3) (LRR P, T, U) (MLRA 151) (MLRA 150B) n Soils (F19) (MLRA 148)	Location: PL=Pore  Indicators for Pro  No  No  No  No  No  No  No  No  No	E Lining, M=Matrix  Delematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Z-16  Type: C=Concent  Hydric Soil Indic  No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir (If observed): None	A) (A) (b) (I(LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (RR P,T) (RR P,T) (A12) (A12) (A16) (MLRA 150A) (A16) (MLRA 0,S) (X (S4)	No N	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M: Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F1 Piedmont Floodplai	inface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) rix (F2) b) e (F6) ace (F7) e (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T, 3) (LRR P, T, U) (MLRA 151) (MLRA 150B) n Soils (F19) (MLRA 148)	Location: PL=Pore  Indicators for Pro  No  No  No  No  No  No  No  No  No	E Lining, M=Matrix  Delematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Z-16  Type: C=Concent  Hydric Soil Indic  No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir (If observed): None	A) (A) (b) (I(LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (RR P,T) (RR P,T) (A12) (A12) (A16) (MLRA 150A) (A16) (MLRA 0,S) (X (S4)	No N	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M: Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F1 Piedmont Floodplai	inface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) rix (F2) b) e (F6) ace (F7) e (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T, 3) (LRR P, T, U) (MLRA 151) (MLRA 150B) n Soils (F19) (MLRA 148)	Location: PL=Pore  Indicators for Pro  No  No  No  No  No  No  No  No  No	E Lining, M=Matrix  Delematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Z-16  Type: C=Concent  Hydric Soil Indic  No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir (If observed): None	A) (A) (b) (I(LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (RR P,T) (RR P,T) (A12) (A12) (A16) (MLRA 150A) (A16) (MLRA 0,S) (X (S4)	No N	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M: Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F1 Piedmont Floodplai	inface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) rix (F2) b) e (F6) ace (F7) e (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T, 3) (LRR P, T, U) (MLRA 151) (MLRA 150B) n Soils (F19) (MLRA 148)	Location: PL=Pore  Indicators for Pro  No  No  No  No  No  No  No  No  No	E Lining, M=Matrix  Delematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Z-16  Type: C=Concent  Hydric Soil Indic  No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir (If observed): None	A) (A) (b) (I(LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (RR P,T) (RR P,T) (A12) (A12) (A16) (MLRA 150A) (A16) (MLRA 0,S) (X (S4)	No N	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M: Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F1 Piedmont Floodplai	inface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) rix (F2) b) e (F6) ace (F7) e (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T, 3) (LRR P, T, U) (MLRA 151) (MLRA 150B) n Soils (F19) (MLRA 148)	Location: PL=Pore  Indicators for Pro  No  No  No  No  No  No  No  No  No	E Lining, M=Matrix  Delematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Z-16  Type: C=Concent  Hydric Soil Indic  No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir (If observed): None	A) (A) (b) (I(LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (RR P,T) (RR P,T) (A12) (A12) (A16) (MLRA 150A) (A16) (MLRA 0,S) (X (S4)	No N	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M: Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F1 Piedmont Floodplai	inface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) rix (F2) b) e (F6) ace (F7) e (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T, 3) (LRR P, T, U) (MLRA 151) (MLRA 150B) n Soils (F19) (MLRA 148)	Location: PL=Pore  Indicators for Pro  No  No  No  No  No  No  No  No  No	E Lining, M=Matrix  Delematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Z-16  Type: C=Concent  Hydric Soil Indic  No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir (If observed): None	A) (A) (b) (I(LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (RR P,T) (RR P,T) (A12) (A12) (A16) (MLRA 150A) (A16) (MLRA 0,S) (X (S4)	No N	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M: Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F1 Piedmont Floodplai	inface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) rix (F2) b) e (F6) ace (F7) e (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T, 3) (LRR P, T, U) (MLRA 151) (MLRA 150B) n Soils (F19) (MLRA 148)	Location: PL=Pore  Indicators for Pro  No  No  No  No  No  No  No  No  No	E Lining, M=Matrix  Delematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)

VEGETATION SAMPLING POINT Absolute % Dominant Dominance Test Worksheet: Tree Stratum Plot Size: 30 Indicator Status Number of Dominant Species That Cover **Species** (A): Quercus virginiana FACU are OBL, FACW, or FAC 30 Yes Total Number of Dominant Species Across All Strata Percent of Dominant Species (A/B): That Are OBL, FACW, or FAC 25.00% Prevalence Index Worksheet: 50/20 Threshold Multiply 30 = Total Cover Total % Cover of: 50% of Total Cover = 15 20% of Total Cover = OBL x1= Dominant FACW x2= Plot Size: 30' Sapling Stratum Indicator Status Cover Species FAC x3= FACU x4= None UPL x5= A Totals В 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: 0 50/20 Threshold = Total Cover 50% of Total Cover = 0 Tree - Woody plants, excluding woody vines, approximately 20' 20% of Total Cover = or more in height and 3" or larger in DBH. Dominant Plot Size: 30' Shrub Stratum Indicator Status Cover Species None 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. 50/20 Threshold 0 = Total Cover 50% of Total Cover = 0 Woody vine - All woody vines, regardless of height. 20% of Total Cover = Dominant Remarks: Plot Size: 30' Indicator Status Herb Stratum Cover Species Paspalum notatum FACU 30 Yes Paspalum dilatatum Yes 30 FAC Trifolium repens Yes **FACU** 15 50/20 Threshold 75 = Total Cover 50% of Total Cover = 37.5 20% of Total Cover = Woody Vine Absolute % Dominant Plot Size: 30' Indicator Status Stratum Cover Species None 0 = Total Cover 50/20 Threshold Hydrophytic Vegetation Present? 50% of Total Cover = 0 No

040-012-001-035NG WDR DF PROVIDENCE

20% of Total Cover = 0

Project/Site:	1-10. LA 413 to Es			Falisii. East Datoi	<u> </u>	Sampling Date:	0/20/2017
Applicant/Owner:	Louisiana Department	of Transportation and De	evelopment	State: Louisiana		Sampling Point:	5
Investigator(s):	Taylor Simoneaux	, Tim Kimmel		Section, Township	o. Range:	Section 93, Towns	hip 7 South, Range 1 East
Landform (hillslope		Flat			Local Relief (concave		
						, convex, none). Tve	
Subregion (LRR o	r MLRA):	LRR P	Lat: 30.421759°		Long: -91.130704°		Datum: NAD83
Soil Map Unit Nam	ne:	Urban Land	-		•	NWI Classification	None
		the site typical for t	his time of year?	Yes (If no eyr	olain in Remarks)		
							V
Are Vegetation		or Hydrology	significantly distur		Are "Normal Circumst		Yes
Are Vegetation	, Soil,	or Hydrology	naturally problema	atic? No	(If needed, explain an	y answers in Rema	·ks.)
SUMMARY OF FI	NDINGS						
		N.					
Hydrophytic Veget		N					
Hydric Soil Preser	nt?	N	0	is the Sampled A	rea within a Wetland?	•	No
Wetland Hydrolog	v Present?	N	0				
	,						
Remarks:							
HYDROLOGY							
Wetland Hydrolog	gy Indicators					Secondary Indicate	ors (Need 2):
Primary Indicators	(Need 1):					No	Surface Soil Cracked (B6)
No	Surface Water (A1	1	No	Water Stained Lea	aves (BO)	No	Sparsely Veg. Concave Surface (B8)
	•	,	No	-	, ,		
No	High Water Table	(A2)	No	_Aquatic Fauna (B	13)	No	Drainage Patterns (B10)
No	Saturation (A3)		No	Marl Deposits (B1	5) (LRR U)	No	Moss Trim Lines (B16)
	Water Marks (B1)			Hydrogen Sulfide		No	Dry-Season Water Table (C2)
No			No				* *
No	Sediment Deposits	s (B2)	No	Oxidized Root Ch	nannels (C3)	No	Crayfish Burrows (C8)
No	Drift Deposits (B3)		No	Presence of Redu	ced Iron (C4)	No	Saturation on Aerial Imagery (C9)
					, ,		Geomorphic Position (D2)
No	Algal Mat or Crust		No	Recent Reduct. in		No	
No	Iron Deposits (B5)		No	Thin Muck Surface	e (C7)	No	Shallow Aquitard (D3)
No	Inundation on Aeri	al Imagery (B7)	No	Other (Explain in I	Remarks)	No	FAC-Neutral Test (D5)
- 10	-			(=x\p\can\)	,	No	Sphagnum Moss (D8) (LRR T, U)
						INO	Spriagrium Moss (D6) (LRK 1, U)
Field Observation	ns:						
Surface Water Pre	esent?	None	Depth (inches):	N/A		Wetland Hydrolog	v Present?
Water table Prese			,				<del></del>
		None	Depth (inches):	N/A			No
Saturation Present	t?	None	Depth (inches):	N/A			
Remarks:							
rtomarko.							
2011							
SOIL							
Depth	Ma	atrix		Redo	x Features		Texture
Inches	Color	%	Color	%	Type	Location	
0-12	10YR 5/3	100		1	1	1	cilty clay
0-12	10113	100					silty clay
Type: C=Concentr	ration, D=Depletion,	, RM=Reduced Matr	ix, CS=Covered or	Coated Sand Grair	is	Location: PL=Pore	Lining, M=Matrix
Type: C=Concentr	ration, D=Depletion,	, RM=Reduced Matr	ix, CS=Covered or	Coated Sand Grain	ls	Location: PL=Pore	Lining, M=Matrix
		, RM=Reduced Matr	ix, CS=Covered or	Coated Sand Grain	l Is		
Type: C=Concentr	ators:	RM=Reduced Matr				Location: PL=Pore	blematic Soils:
		RM=Reduced Matr	ix, CS=Covered or		rface (S8) (LRR S,T,U)		
Hydric Soil Indica	ators: Histol (A1)		No	Polyvalue Below Su	rface (S8) (LRR S,T,U)	Indicators for Pro	blematic Soils:
Hydric Soil Indica No No	ators: Histol (A1) Histic Epipedon (A2)		No No	Polyvalue Below Su Thin Dark Surface (	rface (S8) (LRR S,T,U) S9) (LRR S,T,U)	Indicators for Pro	blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S)
Hydric Soil Indica No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3)	1	No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O)	No No No	blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B)
Hydric Soil Indica No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A	4)	No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matr	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2)	Indicators for Pro	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)
Hydric Soil Indica No No No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A	4)	No No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matr	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2)	Indicators for Pro	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)
Hydric Soil Indica No No No No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5	4)	No No No No	Polyvalue Below Su Thin Dark Surface (i Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3	fface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2)	No No No No No No	blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B)
Hydric Soil Indica No No No No No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratifled Layers (A5 Organic Bodies (A6)	4) ) (LRR P,T,U)	No No No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mines Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) ) the (F6)	No	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)
Hydric Soil Indica No No No No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5	4) ) (LRR P,T,U)	No No No No	Polyvalue Below Su Thin Dark Surface (i Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7)	No No No No No No	blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B)
Hydric Soil Indica No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratifled Layers (A5 Organic Bodies (A6)	4) ) (LRR P,T,U) (A7) (LRR P,T,U)	No No No No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mines Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7)	No N	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)
Hydric Soil Indica No No No No No No No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8)	4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U)	No No No No No No No	Polyvalue Below Su Thin Dark Surface (: Loarny Mucky Miner Loarny Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7)	No	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indica No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral i Muck Presence (A8) 1cm Muck (A9) (LR	4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T)	No No No No No No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) ) te (F6) ace (F7) (F8)	No N	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indica No	Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl	4) ) (LRR P,T,U) (A7) (LRR P,T,U) (ILRR U) R P,T) k Surface (A11)	No No No No No No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151)	No N	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indica No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral i Muck Presence (A8) 1cm Muck (A9) (LR	4) ) (LRR P,T,U) (A7) (LRR P,T,U) (ILRR U) R P,T) k Surface (A11)	No No No No No No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) ) te (F6) ace (F7) (F8)	No N	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indica No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) Lom Muck (A9) (LR Depleted Below Darl	4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8)  1) (MLRA 151) asses (F12) (LRR O,P,T)	No N	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indica  No	Ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6) 5cm Mucky Mineral I Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redox	4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) (A12) (A16) (MLRA 150A)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1:	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8)  1) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U)	No N	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indica No	Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral	4) )) ((LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) (	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8)  1) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151)	No N	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indica  No	Ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6) 5cm Mucky Mineral I Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redox	4) )) ((LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) (	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8)  1) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U)	No N	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indica No	Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral i Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix	4) )) ((LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S)	No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) ) (F6) ace (F7) (F8)  1) (MLRA 151) ssess (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) B) (MLRA 150A, 150B)	No N	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indica No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Miners Sandy Gleyed Matrix Sandy Redox (S5)	4) )) ((LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) uses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 1510 3) (MLRA 150A, 150B) n Soils (F19) (MLRA 149A	No N	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indica  No	Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6)	4) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (R P,T) (R P,T) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ((S4)	No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) ) (F6) ace (F7) (F8)  1) (MLRA 151) ssess (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) B) (MLRA 150A, 150B)	No N	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indica No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Miners Sandy Gleyed Matrix Sandy Redox (S5)	4) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (R P,T) (R P,T) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ((S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) uses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 1510 3) (MLRA 150A, 150B) n Soils (F19) (MLRA 149A	No N	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indica	Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Minera Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L	4) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (R P,T) (R P,T) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ((S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) uses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 1510 3) (MLRA 150A, 150B) n Soils (F19) (MLRA 149A	No N	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indica No	Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (C) (If observed):	4) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (R P,T) (R P,T) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ((S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) uses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 1510 3) (MLRA 150A, 150B) n Soils (F19) (MLRA 149A	Indicators for Pro	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indica No	Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L	4) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (R P,T) (R P,T) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ((S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) uses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 1510 3) (MLRA 150A, 150B) n Soils (F19) (MLRA 149A	No N	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indica No	Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (C) (If observed):	4) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (R P,T) (R P,T) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ((S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) uses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 1510 3) (MLRA 150A, 150B) n Soils (F19) (MLRA 149A	Indicators for Pro	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indica No	Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L	4) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (R P,T) (R P,T) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ((S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) uses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 1510 3) (MLRA 150A, 150B) n Soils (F19) (MLRA 149A	Indicators for Pro	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indica  No	Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L	4) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (R P,T) (R P,T) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ((S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) uses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 1510 3) (MLRA 150A, 150B) n Soils (F19) (MLRA 149A	Indicators for Pro	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indica No	Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L	4) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (R P,T) (R P,T) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ((S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) uses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 150B) n Soils (F19) (MLRA 149A)	Indicators for Pro	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
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Hydric Soil Indica  No	Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L	4) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (R P,T) (R P,T) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ((S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) uses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 150B) n Soils (F19) (MLRA 149A)	Indicators for Pro	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indica  No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Minera Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L  (If observed): None	4) )) ((LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) k (S4) LRR P, S, T, U)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) uses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 150B) n Soils (F19) (MLRA 149A)	Indicators for Pro	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indica  No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Minera Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L  (If observed): None	4) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (R P,T) (R P,T) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ((S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) uses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 150B) n Soils (F19) (MLRA 149A)	Indicators for Pro	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indica  No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Minera Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L  (If observed): None	4) )) ((LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) k (S4) LRR P, S, T, U)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) uses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 150B) n Soils (F19) (MLRA 149A)	Indicators for Pro	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
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VEGETATION					SAMPLING POINT	5
Tree Stratum	Plot Size: 30'	Absolute %	Dominant	Indicator Status	Dominance Test Worksheet:	
None		Cover	Species	1	Number of Dominant Species That (A): are OBL, FACW, or FAC	1
None					are OBL, I ACW, OF I AC	
					Total Number of Dominant Species	
					Across All Strata	2
					Percent of Dominant Species (A/B):	
					That Are OBL, FACW, or FAC	50.00%
					_	
	0 T-t-1 0	50/20 Th			Prevalence Index Worksheet:	de .
	0 = Total Cover		of Total Cover =	0	Total % Cover of: Multip	<u>DIÝ</u>
		20%	of Total Cover =		OBL x1=	
Sapling Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status	FACW x2= FAC x3=	
None		Cover	Species		FACU x4=	
					UPL x5=	
					A Totals B	
					Prevalence Index (B/A)=	
					Hydrophytic Vegetation Indicators:	
				+	Rapid Test for Hydrophytic Veg:  Dominance Test > 50%:	No No
				<u> </u>	Prevalence Index is ≤3.0:	N/A
					Problematic Hydrophytic Veg:	No
	0 = Total Cover	50/20 Tr	nreshold		Definitions of Vegetation Strata:	
_			of Total Cover =	0	Tree - Woody plants, excluding woody vines	s, approximately 20'
			of Total Cover =	0	or more in height and 3" or larger in DBH.	
Shrub Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status		
None		1	Ореслес		Sapling - Woody plants, excluding woody v	ines, approximately
					20' or more in height and less than 3" in DB	
					Shrub - Woody plants, excluding woody vin	es, approximately 3-
					20' in height.	
					Herb - All herbaceous plants, including herb	aggara vinos
					regardless of size. Includes woody plants, e	
					less than approximately 3' in height.	, , ,
	0 = Total Cover	50/20 Th	preshold			
	Total Gover		of Total Cover =	0	Woody vine - All woody vines, regardless of	of height.
		Absolute %	of Total Cover =	0		
Herb Stratum	Plot Size: 30'	Cover	Species	Indicator Status	Remarks:	
Stenotaphrum secun	datum	50	Yes	FAC		
Paspalum notatum		30	Yes	FACU		
Trifolium repens		15	No	FACU		
					_	
				<u> </u>	<u> </u>	
					_	
	95 = Total Cover	50/20 Th	nreshold			
_	10101 00701	50%	of Total Cover =	47.5		
Marada Mara			of Total Cover =	19		
Woody Vine Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status		
None					]	
					†	
					4	
					4	
					<u> </u>	
	0 = Total Cover	50/20 Th	nreshold		Hydrophytic Vegetation Present?	
_	- 10tal 0000		of Total Cover =	0	No	
		0070	0 0.0.	U		

Project/Site:	I-10: LA 415 to Es	0: LA 415 to Essen Lane on I-10 and I-12 Parish: East Baton Rouge				Sampling Date:	6/26/2017
Applicant/Owner:	Louisiana Department	t of Transportation and D	Development	State: Louisiana		Sampling Point:	6
Investigator(s):	Taylor Simoneaux	, Tim Kimmel		Section, Townshi	ip, Range:	Section 94, Town	ship 7 South, Range 1 East
Landform (hillslop	e, terrace, etc.):	Flat			Local Relief (concave	, convex, none): N	one Slope: 0
Subregion (LRR o	or MLRA):	LRR P	Lat: 30.423780°		Long: -91.138361°		Datum: NAD83
Soil Map Unit Nar		Urban land				NWI Classification	
			this time of year?	Yes (If no ex	plain in Remarks)		******
Are Vegetation	•	or Hydrology	significantly distur		Are "Normal Circumst	ances" present?	Yes
Are Vegetation	, Soil, , Soil ,	or Hydrology	_ naturally problema		(If needed, explain an		
		or riyurology	_ naturally problems	alic: NO	(II lieeueu, explaiii ali	y answers in itema	ii ks.)
SUMMARY OF F							
Hydrophytic Vege			No			_	
Hydric Soil Prese			No	is the Sampled A	Area within a Wetland?	?	No
Wetland Hydrolog	y Present?	ı	No				
Remarks:							
HYDROLOGY							
Wetland Hydrolo	gy Indicators					Secondary Indica	tors (Need 2):
Primary Indicators						No	Surface Soil Cracked (B6)
No	Surface Water (A	1)	No	Water Stained Le	20/05 (R0)	No	Sparsely Veg. Concave Surface (B8)
	•	*			, ,		<b>.</b>
No	High Water Table	(AZ)	No	_Aquatic Fauna (B	,	No No	Drainage Patterns (B10)
No	Saturation (A3)		No	Marl Deposits (B	, , ,	No	Moss Trim Lines (B16)
No	Water Marks (B1)		No	_ Hydrogen Sulfide	, ,	No	Dry-Season Water Table (C2)
No	Sediment Deposit	s (B2)	No	Oxidized Root C	hannels (C3)	No	Crayfish Burrows (C8)
No	Drift Deposits (B3	)	No	Presence of Red	uced Iron (C4)	No	Saturation on Aerial Imagery (C9)
No	Algal Mat or Crust	,	No		n Tilled Soils (C6)	No	Geomorphic Position (D2)
No	Iron Deposits (B5)		No	Thin Muck Surface	, ,	No	Shallow Aquitard (D3)
No	Inundation on Aer		No	Other (Explain in	, ,	No	FAC-Neutral Test (D5)
INU	unuauom om Aer	iai iiiiagciy (D1)	NU	_ Calci (Explain III	romano <sub>j</sub>		- ` ′
First Ct						No	Sphagnum Moss (D8) (LRR T, U)
Field Observatio							
Surface Water Pre		None	Depth (inches):	N/A		Wetland Hydrolo	ogy Present?
Water table Prese	ent?	None	Depth (inches):	N/A			No No
Saturation Preser	nt?	None	Depth (inches):	N/A			<u> </u>
Remarks:							
2011							
SOIL							
Depth		atrix			ox Features		Texture
Inches	Color	%	Color	%	Туре	Location	
0-16	10YR 5/3	90	10YR 5/6	10	С	M	silty clay
			1				
				1			
			+	+		†	
			+				
			+				
	<u> </u>		<del> </del>			<del></del>	I
Type: C=Concent	ration, D=Depletion	, RM=Reduced Mat	rix, CS=Covered or	Coated Sand Grai	ns	Location: PL=Por	e Lining, M=Matrix
Hydric Soil Indic	ators:					Indicators for Pr	oblematic Soils:
No	Histol (A1)		No	Polyvalue Below St	urface (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 Mine		No	Reduced Vertic (F18) (outside MLRA 150A,B)
No	Hydrogen Sulfide (A	(4)	No	Loamy Gleyed Mat		No	Piedmont Floodplain Soils (F19) (LRR P,S,T)
No	Stratified Layers (As	,	No	Depleted Matrix (F3	` '	No	Anomalous Bright Loamy Soils (F20) (MLRA 153B)
	Organic Bodies (A6			Redox Dark Surfac			-
No			No No	_	` '	No No	Red Parent Material (TF2)
No	5cm Mucky Mineral		No	Depleted Dark Surf		No	Very Shallow Dark Surface (TF12)
No	Muck Presence (A8		No	Redox Depressions		No	Other (Explain)
No	1cm Muck (A9) (LF	RR P,T)	No	Marl (F10) (LRR U)			
No	Depleted Below Dar	k Surface (A11)	No	Depleted Ochric (F	11) (MLRA 151)		
No	Thick Dark Surface	(A12)	No	Iron-Manganese M	asses (F12) (LRR O,P,T)		
No		(A16) (MLRA 150A)	No	Umbric Surface (F1	. , . , . , , ,		
No	Sandy Mucky Miner	. , .	No	Delta Ochric (F17)			
	-			_			
No	Sandy Gleyed Matri	^ (UT)	No	•	18) (MLRA 150A, 150B)	• • •	
No	Sandy Redox (S5)		No		in Soils (F19) (MLRA 1494	•	
No	Stripped Matrix S6)		No	_Anomalous Bright I	Loamy Soils (F20) (MRLA	149A, 153C, 153D)	
No	Dark Surface (S7) (	LRR P, S, T, U)					
Restrictive Layer	r (if observed):	<u> </u>					
Type:	None					Hydric Soil Pres	ent?
Depth inches:	None		_				No
	-		_				
Domarks:						<del></del>	
Remarks:							
	Soil sample mixed	with fill					
	con sample mixed						

VEGETATION					SAMPLING POINT
Tree Stratum	Plot Size: 30'	Absolute %	Dominant	Indicator Status	Dominance Test Worksheet: Number of Dominant Species That (A):
None		Cover	Species		Number of Dominant Species That (A):  are OBL, FACW, or FAC  0
TTOTAL					
					Total Number of Dominant Species
		+			Across All Strata 1
					Percent of Dominant Species (A/B):
					That Are OBL, FACW, or FAC 0.00%
					4
					_
		50/00 T			Prevalence Index Worksheet:
-	0 = Total Cover		hreshold of Total Cover =	0	Total % Cover of: Multiply
		20%	of Total Cover =		OBL x1=
Sapling Stratum	Plot Size: 30'	Absolute %	Dominant	Indicator Status	FACW x2=
None		Cover	Species		FAC x3= FACU x4=
					UPL x5=
					A Totals B
		1			Prevalence Index (B/A)=
					Hydrophytic Vegetation Indicators:
					Rapid Test for Hydrophytic Veg: No
		1			Dominance Test > 50%:   No
		<u> </u>		<u> </u>	Problematic Hydrophytic Veg: No
					Definitions of Vegetation Strata:
-	0 = Total Cover		hreshold of Total Cover =	0	Tree - Woody plants, excluding woody vines, approximately 20'
			of Total Cover =		or more in height and 3" or larger in DBH.
Shrub Stratum	Plot Size: 30'	Absolute %	Dominant	Indicator Status	
None		Cover	Species	1	Sapling - Woody plants, excluding woody vines, approximately
None		1			20' or more in height and less than 3" in DBH.
		1			
					Shrub - Woody plants, excluding woody vines, approximately 3-20' in height.
		1			Herb - All herbaceous plants, including herbaceous vines,
					regardless of size. Includes woody plants, except woody vines, less than approximately 3' in height.
-	0 = Total Cover		hreshold of Total Cover =	0	Woody vine - All woody vines, regardless of height.
			of Total Cover =		Woody Ville - All Woody Villes, regardless of fleight.
Herb Stratum	Plot Size: 30'	Absolute %	Dominant	Indicator Status	Remarks:
Paspalum notatum		Cover 90	Species Yes	FACU	4
Trifolium repens		5	No	FACU	7
					4
					7
					-
					†
_	95 = Total Cover		hreshold of Total Cover =	47.5	
			of Total Cover =		
Woody Vine	Plot Size: 30'	Absolute %	Dominant	Indicator Status	
Stratum None		Cover	Species	T	4
INOLIC				<del> </del>	-
					4
					-
		<u> </u>			
					-
		1		1	
-	0 = Total Cover		hreshold		Hydrophytic Vegetation Present?
			of Total Cover =		No
<u></u>		∠0%	of Total Cover =	U	I.

							-
Project/Site:	I-10: LA 415 to Es	sen Lane on I-10 and	d I-12	Parish: East Bator	n Rouge	Sampling Date:	6/26/2017
Applicant/Owner:	Louisiana Department	of Transportation and De	evelopment	State: Louisiana		Sampling Point:	7
Investigator(s):	Taylor Simoneaux			Section, Township	Range:		ship 7 South, Range 1 East
				Section, Township			
Landform (hillslop		Flat			Local Relief (concave	, convex, none): N	
Subregion (LRR o	or MLRA):	LRR P	Lat: 30.423195°	)	Long: -91.145559°		Datum: NAD83
Soil Map Unit Nar	ne:	Udarents	-		=	NWI Classification	None
Are climatic / hvdr	ologic conditions of	n the site typical for the	nis time of year?	Yes (If no exp	lain in Remarks)	•	
Are Vegetation	•	or Hydrology	significantly distu	, ,	Are "Normal Circumst	tances" nresent?	Yes
Are Vegetation	, Soil,	or Hydrology	naturally problem	atic? No	(If needed, explain an	iy answers in Rema	IKS.)
SUMMARY OF F	INDINGS						
Hydrophytic Vege	tation Present?	N	0				
Hydric Soil Preser	nt?	N	0	Is the Sampled A	rea within a Wetland	?	No
Wetland Hydrolog		N				-	
	y Fieseiit!	IN	U				
Remarks:							
HYDROLOGY							
Wetland Hydrolo	and In all a at a ma					Casandaniladias	are (Need 2).
						Secondary Indicat	
Primary Indicators	(Need 1):					No	Surface Soil Cracked (B6)
No	Surface Water (A	1)	No	Water Stained Lea	aves (B9)	No	Sparsely Veg. Concave Surface (B8)
No	. ,		No	Aquatic Fauna (B1	13)	No	Drainage Patterns (B10)
No	Saturation (A3)	` '	No	Marl Deposits (B1	,	No	Moss Trim Lines (B16)
	• ' '						
No	Water Marks (B1)		No	Hydrogen Sulfide		No	Dry-Season Water Table (C2)
No	Sediment Deposit		No	Oxidized Root Ch		No	Crayfish Burrows (C8)
No	Drift Deposits (B3	)	No	Presence of Redu	ced Iron (C4)	No	Saturation on Aerial Imagery (C9)
No	Algal Mat or Crust	(B4)	No	Recent Reduct. in	Tilled Soils (C6)	No	Geomorphic Position (D2)
	Iron Deposits (B5)	, ,					
No	• • •		No	Thin Muck Surface	, ,	No No	Shallow Aquitard (D3)
No	Inundation on Aer	ıal Imagery (B7)	No	Other (Explain in F	≺emarks)	No	FAC-Neutral Test (D5)
						No	Sphagnum Moss (D8) (LRR T, U)
Field Observatio	ns:						· • · · · · · · · · · · · · · · · · · ·
Surface Water Pre		None	Donth (inches):	N/A		Wetland Hydrolo	av Procent?
			Depth (inches):			Wetianu myurolo	<del></del>
Water table Prese		None	Depth (inches):	N/A			No No
Saturation Presen	it?	None	Depth (inches):	N/A			
Remarks:							
. tomanto.							
SOIL							
Depth	М	atrix		Redo	x Features		Texture
			0-1			1	Texture
Inches	Color	%	Color	%	Туре	Location	
0-2	10YR 4/2	100					silt loam
0-2		100 80	10YR 6/1	10	D	M	silt loam silt loam
	10YR 4/2 10YR 5/4		10YR 6/1	10	D	M	
0-2			10YR 6/1 10YR 5/6	10 10	D C	M M	
0-2							
0-2							
0-2							
0-2							
0-2 2-16	10YR 5/4	80	10YR 5/6	10	С	M	silt loam
0-2 2-16	10YR 5/4		10YR 5/6	10	С		silt loam
0-2 2-16 Type: C=Concent	10YR 5/4	80	10YR 5/6	10	С	M Location: PL=Pore	silt loam silt loam Lining, M=Matrix
0-2 2-16	10YR 5/4	80	10YR 5/6	10	С	M	silt loam silt loam Lining, M=Matrix
0-2 2-16 Type: C=Concent	10YR 5/4	80	10YR 5/6	10 Coated Sand Grain	С	M Location: PL=Pore	silt loam silt loam Lining, M=Matrix
0-2 2-16  Type: C=Concent  Hydric Soil Indic No	10YR 5/4  10YR 5/4  ration, D=Depletion  ators:  Histol (A1)	80 , RM=Reduced Matri	10YR 5/6  10YR 5/6  x, CS=Covered or	10 Coated Sand Grain Polyvalue Below Su	C ss rface (S8) (LRR S,T,U)	Location: PL=Pore	silt loam  E Lining, M=Matrix  Sollematic Soils:  1cm Muck (A9) (LRR O)
0-2 2-16  Type: C=Concent  Hydric Soil Indic No No	10YR 5/4  ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2	80 , RM=Reduced Matri	10YR 5/6  x, CS=Covered or  No	10  Coated Sand Grain  Polyvalue Below Su Thin Dark Surface (\$	C  rface (S8) (LRR S,T,U)  S9) (LRR S,T,U)	M Location: PL=Pore Indicators for Pre	silt loam  Lining, M=Matrix  bilematic Soils: 1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)
0-2 2-16  Type: C=Concent  Hydric Soil Indic No No No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3)	80 , RM=Reduced Matri	x, CS=Covered or	10  Coated Sand Grain  Polyvalue Below Su Thin Dark Surface (8  Loamy Mucky Miner	C  rface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)	M Location: PL=Pore Indicators for Pre No No	silt loam  Lining, M=Matrix  bilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)
0-2 2-16  Type: C=Concent  Hydric Soil Indic No No No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A	, RM=Reduced Matri	x, CS=Covered or  No No No No	10  Coated Sand Grain  Polyvalue Below Su Thin Dark Surface (\$ Loamy Mucky Miner Loamy Gleyed Matri	C  ss  rface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  x (F2)	M Location: PL=Pore Indicators for Pre No No No	silt loam  E Lining, M=Matrix  Delematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)
0-2 2-16  Type: C=Concent  Hydric Soil Indic No No No No No	ators: Histol (A1) Histo: Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5	, RM=Reduced Matri	No No No No No	Polyvalue Below Su Thin Dark Surface (s Loamy Mucky Mint Loamy Gleyed Matri Depleted Matrix (F3)	C  rface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  x (F2)	M Location: PL=Pore Indicators for Pre No No No No	silt loam  Lining, M=Matrix  blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)
0-2 2-16  Type: C=Concent  Hydric Soil Indic No No No No	ators: Histol (A1) Histo (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6	, RM=Reduced Matri	x, CS=Covered or  No No No No	10  Coated Sand Grain  Polyvalue Below Su Thin Dark Surface (\$ Loamy Mucky Miner Loamy Gleyed Matri	C  rface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  x (F2)	M Location: PL=Pore Indicators for Pre No No No	silt loam  E Lining, M=Matrix  Delematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)
0-2 2-16  Type: C=Concent  Hydric Soil Indic No No No No No No	ators: Histol (A1) Histo (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6	, RM=Reduced Matri	No N	Polyvalue Below Su Thin Dark Surface (s Loamy Mucky Mint Loamy Gleyed Matri Depleted Matrix (F3)	C  rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) b (F6)	M  Location: PL=Pore  Indicators for Pro No No No No No No	silt loam  Lining, M=Matrix  blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Isoodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)
0-2 2-16  Type: C=Concent  Hydric Soil Indic No No No No No No No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Organic Bodies (A6 5cm Mucky Mineral	80 , RM=Reduced Matri ) (4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3' Redox Dark Surface Depleted Dark Surface	C  rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) (cc (F7)	M  Location: PL=Pore  Indicators for Pre No No No No No No No No	silt loam  Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  coblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
0-2 2-16  Type: C=Concent  Hydric Soil Indic No No No No No No No No No	ators: Histo (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8	80 , RM=Reduced Matri ) (4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3, Redox Dark Surface Depleted Dark Surface	C  rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) (cc (F7)	M  Location: PL=Pore  Indicators for Pro No No No No No No	silt loam  Lining, M=Matrix  blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Isoodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)
0-2 2-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histo Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A: Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF	, RM=Reduced Matri  (4) (5) (LRR P,T,U) (A7) (LRR P,T,U) (RP,T) (RP,T)	No N	Polyvalue Below Sur Thin Dark Surface (\$ Loamy Mucky Miner Loamy Gleyed Matrix (F3) Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U)	C  rface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  (F6)  (F6)  (F6)  (F8)	M  Location: PL=Pore  Indicators for Pre No No No No No No No No	silt loam  Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  coblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
0-2 2-16  Type: C=Concent  Hydric Soil Indic No No No No No No No No No	ators: Histo (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8	, RM=Reduced Matri  (4) (5) (LRR P,T,U) (A7) (LRR P,T,U) (RP,T) (RP,T)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3, Redox Dark Surface Depleted Dark Surface	C  rface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  (F6)  (F6)  (F6)  (F8)	M  Location: PL=Pore  Indicators for Pre No No No No No No No No	silt loam  Lining, M=Matrix  be Lining, M=Matrix  be Lining, M=Matrix  be Lining, M=Matrix  coblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
0-2 2-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histo Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A: Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF	, RM=Reduced Matri  (A4) (b) (ILRR P,T,U) (A7) (LRR P,T,U) (ILRR U) (R P,T) (R P,T) (R Surface (A11)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1	C  rface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  (F6)  (F6)  (F6)  (F8)	M  Location: PL=Pore  Indicators for Pre No No No No No No No No	silt loam  Lining, M=Matrix  be Lining, M=Matrix  be Lining, M=Matrix  be Lining, M=Matrix  coblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
O-2 2-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar	, RM=Reduced Matri ) (A4) 5) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RP P,T) (k Surface (A11) (A12)	No N	Polyvalue Below Su Thin Dark Surface (\$ Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma	C  rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) 0 (F6) ace (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T)	M  Location: PL=Pore  Indicators for Pre No No No No No No No No	silt loam  Lining, M=Matrix  be Lining, M=Matrix  be Lining, M=Matrix  be Lining, M=Matrix  coblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
0-2 2-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dr. Thick Dark Surface Coast Prairie Redox	80  , RM=Reduced Matri  (4) (5) (67) (LRR P,T,U) (A7) (LRR U) (R P,T) (k Surface (A11) (A12) ((A16) (MLRA 150A)	No N	Polyvalue Below Su Thin Dark Surface (\$ Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3' Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F13'	C  rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) cce (F7) (F8)  1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U)	M  Location: PL=Pore  Indicators for Pre No No No No No No No No	silt loam  Lining, M=Matrix  be Lining, M=Matrix  be Lining, M=Matrix  be Lining, M=Matrix  coblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
0-2 2-16  Type: C=Concent  Hydric Soil Indic No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dan Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner	80  A4) 5) (LRR P,T,U) (A7) (LRR P,T,U) (RP,T) (kSurface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3; Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (T10) (LRR U) Depleted Ochric (F17) (U	C  rface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  x (F2)  (F6)  (CF6)  (F8)  1) (MLRA 151)  SSES (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)	M  Location: PL=Pore  Indicators for Pre No No No No No No No No	silt loam  Lining, M=Matrix  be Lining, M=Matrix  be Lining, M=Matrix  be Lining, M=Matrix  coblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
0-2 2-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Miner Sandy Gleyed Matri	80  A4) 5) (LRR P,T,U) (A7) (LRR P,T,U) (RP,T) (kSurface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Mine Loamy Gleyed Matri Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F15 Delta Ochric (F17) (IRR U) Reduced Vertic (F18)	C  rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) (CF8)  1) (MLRA 151) SSES (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 8) (MLRA 150A, 150B)	M Location: PL=Pore No	silt loam  Lining, M=Matrix  be Lining, M=Matrix  be Lining, M=Matrix  be Lining, M=Matrix  coblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
0-2 2-16  Type: C=Concent  Hydric Soil Indic No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dan Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner	80  A4) 5) (LRR P,T,U) (A7) (LRR P,T,U) (RP,T) (kSurface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Mine Loamy Gleyed Matri Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F15 Delta Ochric (F17) (IRR U) Reduced Vertic (F18)	C  rface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  x (F2)  (F6)  (CF6)  (F8)  1) (MLRA 151)  SSES (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)	M Location: PL=Pore No	silt loam  Lining, M=Matrix  be Lining, M=Matrix  be Lining, M=Matrix  be Lining, M=Matrix  coblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
0-2 2-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Miner Sandy Gleyed Matri	80  A4) 5) (LRR P,T,U) (A7) (LRR P,T,U) (RP,T) (kSurface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S)	No N	Polyvalue Below Surhin Dark Surface (\$Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F15) Delta Ochric (F17) (Reduced Vertic (F1) F16) Reduced Vertic (F17) F16 Piedmont Floodplair	C  rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) b) ce (F6) ce (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) SJ (LRR O,R,T) SJ	M  Location: PL=Pore  Indicators for Pre No	silt loam  Lining, M=Matrix  be Lining, M=Matrix  be Lining, M=Matrix  be Lining, M=Matrix  coblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
0-2 2-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histo (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dat Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6)	80  A4)  b)  (A7)  (LRR P,T,U)  (A7) (LRR P,T,U)  (A7) (LRR U)  tr R, P,T,U)  tr Surface (A11)  (A12)  (A16) (MLRA 150A)  al (S1) (LRR O,S)  x (S4)	No N	Polyvalue Below Surhin Dark Surface (\$Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F15) Delta Ochric (F17) (Reduced Vertic (F1) F16) Reduced Vertic (F17) F16 Piedmont Floodplair	C  rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) (CF8)  1) (MLRA 151) SSES (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 8) (MLRA 150A, 150B)	M  Location: PL=Pore  Indicators for Pre No	silt loam  Lining, M=Matrix  be Lining, M=Matrix  be Lining, M=Matrix  be Lining, M=Matrix  coblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
0-2 2-16  Type: C=Concent  Hydric Soil Indic No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) ((	80  A4)  b)  (A7)  (LRR P,T,U)  (A7) (LRR P,T,U)  (A7) (LRR U)  tr R, P,T,U)  tr Surface (A11)  (A12)  (A16) (MLRA 150A)  al (S1) (LRR O,S)  x (S4)	No N	Polyvalue Below Su Thin Dark Surface (\$ Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F15) Delta Ochric (F17) (I Reduced Vertic (F17) (I Reduced Vertic (F17) (I Piedmont Floodplair	C  rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) b) ce (F6) ce (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) SJ (LRR O,R,T) SJ	M  Location: PL=Pore  Indicators for Pre No	silt loam  Lining, M=Matrix  be Lining, M=Matrix  be Lining, M=Matrix  be Lining, M=Matrix  coblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
0-2 2-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histo: Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 Scm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dat Thick Dark Surface Coast Prairie Redov Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Dark Surface (S7) ((r	80  A4)  b)  (A7)  (LRR P,T,U)  (A7) (LRR P,T,U)  (A7) (LRR U)  tr R, P,T,U)  tr Surface (A11)  (A12)  (A16) (MLRA 150A)  al (S1) (LRR O,S)  x (S4)	No N	Polyvalue Below Su Thin Dark Surface (\$ Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F15) Delta Ochric (F17) (I Reduced Vertic (F17) (I Reduced Vertic (F17) (I Piedmont Floodplair	C  rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) b) ce (F6) ce (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) SJ (LRR O,R,T) SJ	M Location: PL=Pore No	silt loam  Lining, M=Matrix  blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
0-2 2-16  Type: C=Concent  Hydric Soil Indic No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) ((	80  A4)  b)  (A7)  (LRR P,T,U)  (A7) (LRR P,T,U)  (A7) (LRR U)  tr R, P,T,U)  tr Surface (A11)  (A12)  (A16) (MLRA 150A)  al (S1) (LRR O,S)  x (S4)	No N	Polyvalue Below Su Thin Dark Surface (\$ Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F15) Delta Ochric (F17) (I Reduced Vertic (F17) (I Reduced Vertic (F17) (I Piedmont Floodplair	C  rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) b) ce (F6) ce (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) SJ (LRR O,R,T) SJ	M  Location: PL=Pore  Indicators for Pre No	silt loam  Lining, M=Matrix  blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
0-2 2-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histo: Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 Scm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dat Thick Dark Surface Coast Prairie Redov Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Dark Surface (S7) ((r	80  A4)  b)  (A7)  (LRR P,T,U)  (A7) (LRR P,T,U)  (A7) (LRR U)  tr R, P,T,U)  tr Surface (A11)  (A12)  (A16) (MLRA 150A)  al (S1) (LRR O,S)  x (S4)	No N	Polyvalue Below Su Thin Dark Surface (\$ Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F15) Delta Ochric (F17) (I Reduced Vertic (F17) (I Reduced Vertic (F17) (I Piedmont Floodplair	C  rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) b) ce (F6) ce (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) SJ (LRR O,R,T) SJ	M Location: PL=Pore No	silt loam  blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
O-2 2-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Gleyed Matrix S6 Dark Surface (S7) (If Open Coast Parice Redov Sandy Mucky Miners Sandy Redox (S5) Stripped Matrix S6 Dark Surface (S7) (If Open Coast Parice Refore) In Coast Parice Refore Sandy Redox (S5) Stripped Matrix S6 Dark Surface (S7) (If Open Coast Parice Refore) None	80  A4)  b)  (A7)  (LRR P,T,U)  (A7) (LRR P,T,U)  (A7) (LRR U)  tr R, P,T,U)  tr Surface (A11)  (A12)  (A16) (MLRA 150A)  al (S1) (LRR O,S)  x (S4)	No N	Polyvalue Below Su Thin Dark Surface (\$ Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F15) Delta Ochric (F17) (I Reduced Vertic (F17) (I Reduced Vertic (F17) (I Piedmont Floodplair	C  rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) b) ce (F6) ce (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) SJ (LRR O,R,T) SJ	M Location: PL=Pore No	silt loam  Lining, M=Matrix  blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
0-2 2-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Gleyed Matrix S6 Dark Surface (S7) (If Open Coast Parice Redov Sandy Mucky Miners Sandy Redox (S5) Stripped Matrix S6 Dark Surface (S7) (If Open Coast Parice Refore) In Coast Parice Refore Sandy Redox (S5) Stripped Matrix S6 Dark Surface (S7) (If Open Coast Parice Refore) None	80  A4)  b)  (A7)  (LRR P,T,U)  (A7) (LRR P,T,U)  (A7) (LRR U)  tr R, P,T,U)  tr Surface (A11)  (A12)  (A16) (MLRA 150A)  al (S1) (LRR O,S)  x (S4)	No N	Polyvalue Below Su Thin Dark Surface (\$ Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F15) Delta Ochric (F17) (I Reduced Vertic (F17) (I Reduced Vertic (F17) (I Piedmont Floodplair	C  rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) b) ce (F6) ce (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) SJ (LRR O,R,T) SJ	M Location: PL=Pore No	silt loam  blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
O-2 2-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Gleyed Matrix S6 Dark Surface (S7) (If Open Surface (S7) (If (If observed): None	80  A4)  b)  (A7)  (LRR P,T,U)  (A7) (LRR P,T,U)  (A7) (LRR U)  tr R, P,T,U)  tr Surface (A11)  (A12)  (A16) (MLRA 150A)  al (S1) (LRR O,S)  x (S4)	No N	Polyvalue Below Su Thin Dark Surface (\$ Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F15) Delta Ochric (F17) (I Reduced Vertic (F17) (I Reduced Vertic (F17) (I Piedmont Floodplair	C  rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) b) ce (F6) ce (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) SJ (LRR O,R,T) SJ	M Location: PL=Pore No	silt loam  blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
0-2 2-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Gleyed Matrix S6 Dark Surface (S7) (If Open Surface (S7) (If (If observed): None	80  A4)  b)  (A7)  (LRR P,T,U)  (A7) (LRR P,T,U)  (A7) (LRR U)  tr R, P,T,U)  tr Surface (A11)  (A12)  (A16) (MLRA 150A)  al (S1) (LRR O,S)  x (S4)	No N	Polyvalue Below Su Thin Dark Surface (\$ Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F15) Delta Ochric (F17) (I Reduced Vertic (F17) (I Reduced Vertic (F17) (I Piedmont Floodplair	C  rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) b) ce (F6) ce (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) SJ (LRR O,R,T) SJ	M Location: PL=Pore No	silt loam  blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
0-2 2-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Gleyed Matrix S6 Dark Surface (S7) (If Open Surface (S7) (If (If observed): None	80  A4)  b)  (A7)  (LRR P,T,U)  (A7) (LRR P,T,U)  (A7) (LRR U)  tr R, P,T,U)  tr Surface (A11)  (A12)  (A16) (MLRA 150A)  al (S1) (LRR O,S)  x (S4)	No N	Polyvalue Below Su Thin Dark Surface (\$ Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F15) Delta Ochric (F17) (I Reduced Vertic (F17) (I Reduced Vertic (F17) (I Piedmont Floodplair	C  rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) b) ce (F6) ce (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) SJ (LRR O,R,T) SJ	M Location: PL=Pore No	silt loam  blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
0-2 2-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Gleyed Matrix S6 Dark Surface (S7) (If Open Surface (S7) (If (If observed): None	80  A4)  b)  (A7)  (LRR P,T,U)  (A7) (LRR P,T,U)  (A7) (LRR U)  tr R, P,T,U)  tr Surface (A11)  (A12)  (A16) (MLRA 150A)  al (S1) (LRR O,S)  x (S4)	No N	Polyvalue Below Su Thin Dark Surface (\$ Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F15) Delta Ochric (F17) (I Reduced Vertic (F17) (I Reduced Vertic (F17) (I Piedmont Floodplair	C  rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) b) ce (F6) ce (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) SJ (LRR O,R,T) SJ	M Location: PL=Pore No	silt loam  blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
0-2 2-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Gleyed Matrix S6 Dark Surface (S7) (If Open Surface (S7) (If (If observed): None	80  A4)  b)  (A7)  (LRR P,T,U)  (A7) (LRR P,T,U)  (A7) (LRR U)  tr R, P,T,U)  tr Surface (A11)  (A12)  (A16) (MLRA 150A)  al (S1) (LRR O,S)  x (S4)	No N	Polyvalue Below Surhin Dark Surface (\$Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F15) Delta Ochric (F17) (Reduced Vertic (F1) F16) Reduced Vertic (F17) F16 Piedmont Floodplair	C  rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) b) ce (F6) ce (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) SJ (LRR O,R,T) SJ	M Location: PL=Pore No	silt loam  blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
0-2 2-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Gleyed Matrix S6 Dark Surface (S7) (If Open Surface (S7) (If (If observed): None	80  A4)  b)  (A7)  (LRR P,T,U)  (A7) (LRR P,T,U)  (A7) (LRR U)  tr R, P,T,U)  tr Surface (A11)  (A12)  (A16) (MLRA 150A)  al (S1) (LRR O,S)  x (S4)	No N	Polyvalue Below Surhin Dark Surface (\$Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F15) Delta Ochric (F17) (Reduced Vertic (F1) F16) Reduced Vertic (F17) F16 Piedmont Floodplair	C  rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) b) ce (F6) ce (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) SJ (LRR O,R,T) SJ	M Location: PL=Pore No	silt loam  blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
0-2 2-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Gleyed Matrix S6 Dark Surface (S7) (If Open Surface (S7) (If (If observed): None	80  A4)  b)  (A7)  (LRR P,T,U)  (A7) (LRR P,T,U)  (A7) (LRR U)  tr R, P,T,U)  tr Surface (A11)  (A12)  (A16) (MLRA 150A)  al (S1) (LRR O,S)  x (S4)	No N	Polyvalue Below Surhin Dark Surface (\$Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F15) Delta Ochric (F17) (Reduced Vertic (F1) F16) Reduced Vertic (F17) F16 Piedmont Floodplair	C  rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) b) ce (F6) ce (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) SJ (LRR O,R,T) SJ	M Location: PL=Pore No	silt loam  blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
0-2 2-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Gleyed Matrix S6 Dark Surface (S7) (If Open Surface (S7) (If (If observed): None	80  A4)  b)  (A7)  (LRR P,T,U)  (A7) (LRR P,T,U)  (A7) (LRR U)  tr R, P,T,U)  tr Surface (A11)  (A12)  (A16) (MLRA 150A)  al (S1) (LRR O,S)  x (S4)	No N	Polyvalue Below Surhin Dark Surface (\$Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F15) Delta Ochric (F17) (Reduced Vertic (F1) F16) Reduced Vertic (F17) F16 Piedmont Floodplair	C  rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) b) ce (F6) ce (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) SJ (LRR O,R,T) SJ	M Location: PL=Pore No	silt loam  blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)

VEGETATION					SAMPLING POINT	r
Tree Stratum	Plot Sizo: 201	Absolute %	Dominant	Indicates States	Dominance Test Worksheet:	•
Tree Stratum	Plot Size: 30'	Cover	Species	Indicator Status	Number of Dominant Species That	(A):
None					are OBL, FACW, or FAC	3
					Total Number of Dominant Species	
					Across All Strata	6
					Acioss Ali oliata	
					Percent of Dominant Species	(A/B):
					That Are OBL, FACW, or FAC	50.00%
					4	
					4	
					Prevalence Index Worksheet:	
	0 = Total Cover	50/20 TI	hreshold		Total % Cover of:	Multiply
			of Total Cover =			
			of Total Cover =	0	OBL x1=	
Sapling Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status	FACW x2= FAC x3=	
Broussonetia papyrifera	<del></del>	70	Yes	FACU	FAC X3- FACU X4=	
Celtis laevigata	•	15	No	FACW	UPL x5=	
					A Totals B	
				ļ	Prevalence Index (B/A)=	
				<u> </u>	Hydrophytic Vegetation Indicators Rapid Test for Hydrophytic Veg:	
					Dominance Test > 50%:	
		İ		1	Prevalence Index is ≤3.0:	
					Problematic Hydrophytic Veg:	
				<u></u>	Definitions of Vegetation Strata:	
	85 = Total Cover	50/20 TI	hreshold of Total Cover =	42 F	_	derenina annuación de la con-
			of Total Cover =	42.5 17	Tree - Woody plants, excluding wood or more in height and 3" or larger in I	
		Absolute %	Dominant		of more in neight and 5 of larger in t	Jon.
Shrub Stratum	Plot Size: 30'	Cover	Species	Indicator Status		
None					Sapling - Woody plants, excluding w	oody vines, approximately
					20' or more in height and less than 3'	" in DBH.
					4	
					Shrub - Woody plants, excluding wo	adu vinas annrovimatalu 2
					20' in height.	ody villes, approximately 5-
					20 in neight.	
					Herb - All herbaceous plants, includi	ng herbaceous vines,
					regardless of size. Includes woody pl	lants, except woody vines,
					less than approximately 3' in height.	
	0 = Total Cover	50/20 T	hreshold			
			of Total Cover =	0	Woody vine - All woody vines, regar	dless of height.
			of Total Cover =	0		5
Herb Stratum	Plot Size: 30'	Absolute %	Dominant	Indicator Status	Remarks:	
Phyla nodiflora		Cover	Species		4	
Broussonetia papyrifera	a	30 20	Yes Yes	FAC FACU	4	
Вгоиввотона рарутите	-	20	163	1 ACO	†	
					1	
					]	
					4	
				ļ	4	
		1		<del> </del>	1	
					1	
		1	I.	I.	1	
_	50 = Total Cover		hreshold			
<u></u>			of Total Cover =			
Moody Vine			of Total Cover =	10	4	
Woody Vine Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status		
Smilax rotundiflora		10	Yes	FAC	1	
Lonicera japonica		5	Yes	FACU	1	
Ampelopsis arborea		5	Yes	FAC	1	
				ļ	4	
				<del>                                     </del>	-	
		†	<u> </u>	<del> </del>	1	
				†	1	
					1	
		F0/00 =				
	= Total Cover		hreshold	10	Hydrophytic Vegetation Present?	
			of Total Cover =		No	=
		20%	on total Cover =	4	į.	

Project/Site:	I-10: LA 415 to Es	sen Lane on I-10 and	d I-12	Parish: East Bator	n Rouge	Sampling Date:	6/26/2017	
Applicant/Owner:	Louisiana Department	t of Transportation and De	evelopment	State: Louisiana		Sampling Point:	8	
Investigator(s):	Taylor Simoneaux			Section, Township	Range:		ship 7 South, Range 1 East	
				Section, Township				
Landform (hillslop		Flat			Local Relief (concave	, convex, none): N		
Subregion (LRR o	or MLRA):	LRR P	Lat: 30.424551°	)	Long: -91.152441°		Datum: NAD83	
Soil Map Unit Nar	ne:	Oprairie silt	<u>-</u>		<u>-</u>	NWI Classification	None	
Are climatic / hvdr	ologic conditions of	n the site typical for the	nis time of vear?	Yes (If no exp	lain in Remarks)	•		
Are Vegetation	•	or Hydrology	significantly distu	, ,	Are "Normal Circumst	tances" nresent?	Yes	
Are Vegetation	, Soil,	or Hydrology	naturally problem	atic? No	(If needed, explain an	iy answers in Rema	IKS.)	
SUMMARY OF F	INDINGS							
Hydrophytic Vege	tation Present?	N	0					
Hydric Soil Preser	nt?	Ye	es	Is the Sampled A	rea within a Wetland	?	No	
Wetland Hydrolog		N		io die Gampioa Alea Walini a Wedana.				
Remarks:	ly i rosont.			<u>.                                    </u>				
Remarks:								
HYDROLOGY								
Wetland Hydrolo	av Indicatore					Secondary Indicat	ors (Need 2):	
						•		
Primary Indicators						No	Surface Soil Cracked (B6)	
No	Surface Water (A	1)	No	_Water Stained Lea	aves (B9)	No	Sparsely Veg. Concave Surface (B8)	
No	High Water Table	(A2)	No	Aquatic Fauna (B	13)	No	Drainage Patterns (B10)	
No	Saturation (A3)	, ,	No	Marl Deposits (B1	5) (I RR U)	No	Moss Trim Lines (B16)	
	• ' '							
No	Water Marks (B1)		No	Hydrogen Sulfide		No	Dry-Season Water Table (C2)	
No	Sediment Deposit	. ,	No	Oxidized Root Ch		No	Crayfish Burrows (C8)	
No	Drift Deposits (B3	)	No	Presence of Redu	ced Iron (C4)	No	Saturation on Aerial Imagery (C9)	
No	Algal Mat or Crust	t (B4)	No	Recent Reduct. in	Tilled Soils (C6)	No	Geomorphic Position (D2)	
No	Iron Deposits (B5)	, ,	No	Thin Muck Surface		No	Shallow Aquitard (D3)	
	- ' '	,			, ,			
No	Inundation on Aer	iai imagery (B7)	No	Other (Explain in F	kemarks)	No	FAC-Neutral Test (D5)	
						No	Sphagnum Moss (D8) (LRR T, U)	
Field Observatio	ns:							
Surface Water Pre	esent?	None	Depth (inches):	N/A		Wetland Hydrolo	av Present?	
Water table Prese		None	,	N/A			No	
			Depth (inches):				NU	
Saturation Presen	it?	None	Depth (inches):	N/A				
Remarks:								
SOIL								
Depth	M	latrix		Redo	k Features		Texture	
Inches	Color	%	Color	%	Type	Location		
			COIOI	/0	туре	Location	-14.1	
0-2	10YR 4/2	100					silt loam	
			10YR 5/6	20	С			
2-16	10YR 6/2	80	10111 3/0	20		M	silt loam	
	10YR 6/2	60	10110 3/0	20		IVI	Silt IOaiii	
	10YR 6/2	60	10110 3/0	20		IVI	Silt IOalli	
	10YR 6/2	80	10110 3/0	20		IVI	SIIL IOAHI	
	10YR 6/2	60	10110 3/0	20		IVI	Silt IOalli	
	10YR 6/2	60	10111 3/0	20		IVI	Silt loani	
	10YR 6/2	00	10110 3/0	20		M	SILUAN	
2-16								
2-16		a, RM=Reduced Matri				Location: PL=Pore		
2-16  Type: C=Concent	ration, D=Depletion					Location: PL=Pore	E Lining, M=Matrix	
2-16  Type: C=Concent  Hydric Soil Indic	ration, D=Depletion		x, CS=Covered or	Coated Sand Grain	s	Location: PL=Pore	e Lining, M=Matrix	
2-16  Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion ators: Histol (A1)	, RM=Reduced Matri	x, CS=Covered or	Coated Sand Grain	s rface (S8) (LRR S,T,U)	Location: PL=Pore Indicators for Pre	E Lining, M=Matrix  Display to the state of	
2-16  Type: C=Concent  Hydric Soil Indic	ration, D=Depletion	, RM=Reduced Matri	x, CS=Covered or	Coated Sand Grain	s rface (S8) (LRR S,T,U)	Location: PL=Pore	E Lining, M=Matrix  Displematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)	
2-16  Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion ators: Histol (A1)	, RM=Reduced Matri	x, CS=Covered or	Coated Sand Grain	s  frace (S8) (LRR S,T,U)  69) (LRR S,T,U)	Location: PL=Pore Indicators for Pre	E Lining, M=Matrix  Display to the state of	
2-16  Type: C=Concent  Hydric Soil Indic  No  No  No	ration, D=Depletion ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3)	, RM=Reduced Matri	x, CS=Covered or  No  No  No	Coated Sand Grain Polyvalue Below Su Thin Dark Surface (3 Loamy Mucky Miner	s rface (S8) (LRR S,T,U) 59) (LRR S,T,U) al (F1) (LRR (O)	Location: PL=Pore Indicators for Pre No No No	E Lining, M=Matrix  Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)	
Z-16  Type: C=Concent  Hydric Soil Indic  No No No No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A	I, RM=Reduced Matri	x, CS=Covered or  No  No  No  No	Coated Sand Grain Polyvalue Below Su Thin Dark Surface (3 Loamy Mucky Miner Loamy Gleyed Matri	s rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2)	Location: PL=Pore Indicators for Pre No No No	E Lining, M=Matrix  Display to the matic Soils:  1 cm Muck (A9) (LRR O)  2 cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)	
2-16  Type: C=Concent  Hydric Soil Indic  No  No  No  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5)	n, RM=Reduced Matri	No No No No No Yes	Polyvalue Below Su Thin Dark Surface (s Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3	s fface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2)	Location: PL=Pore Indicators for Pro No No No No No	E Lining, M=Matrix  Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A91) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)	
Z-16  Type: C=Concent  Hydric Soil Indic  No  No  No  No  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6	n, RM=Reduced Matri	No No No No No Yes	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6)	Location: PL=Pore Indicators for Pro No No No No No No	blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2)	
2-16  Type: C=Concent  Hydric Soil Indic  No  No  No  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5)	n, RM=Reduced Matri	No No No No No Yes	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface	frace (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) (F6) toce (F7)	Location: PL=Pore Indicators for Pro No No No No No	E Lining, M=Matrix  Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A91) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)	
Z-16  Type: C=Concent  Hydric Soil Indic  No  No  No  No  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6	A, RM=Reduced Matri	X, CS=Covered or  No	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface	frace (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) (F6) toce (F7)	Location: PL=Pore Indicators for Pro No No No No No No	blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2)	
Type: C=Concent  Hydric Soil Indic No	ration, D=Depletion ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8	1, RM=Reduced Matri (A4) (5) (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface	frace (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) (F6) toce (F7)	Location: PL=Pore  Indicators for Pre No No No No No No No No No	E Lining, M=Matrix  Disternatic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
Z-16  Type: C=Concent  Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF	A4) 5) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) RR P,T)	No N	Polyvalue Below Su Thin Dark Surface (2 Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U)	ss (LRR S,T,U) add (LRR O) (LRR O) (LRR O) (LRR O) (LRR O) (F6) (CF6) (CF6) (CF7) (CF8)	Location: PL=Pore  Indicators for Pre No No No No No No No No No	E Lining, M=Matrix  Disternatic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar	A, RM=Reduced Matri (A) (A) (b) (LRR P,T,U) (A7) (LRR P),T,U) (I(LRR U) (RR P,T) (RK Surface (A11)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) ce (F7) (F8) 1) (MLRA 151)	Location: PL=Pore  Indicators for Pre No No No No No No No No No	E Lining, M=Matrix  Disternatic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
Z-16  Type: C=Concent  Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dat	1, RM=Reduced Matri 144) 5) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) RR P,T) RR Surface (A11) (A12)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma	s  rface (S8) (LRR S,T,U)  69) (LRR S,T,U)  al (F1) (LRR (O)  x (F2)  )  (F6)  cce (F7)  (F8)  1) (MLRA 151)  sses (F12) (LRR O,P,T)	Location: PL=Pore  Indicators for Pre No No No No No No No No No	E Lining, M=Matrix  Disternatic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dat	A, RM=Reduced Matri (A) (A) (b) (LRR P,T,U) (A7) (LRR P),T,U) (I(LRR U) (RR P,T) (RK Surface (A11)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1	s  rface (S8) (LRR S,T,U)  69) (LRR S,T,U)  al (F1) (LRR (O)  x (F2)  )  (F6)  cce (F7)  (F8)  1) (MLRA 151)  sses (F12) (LRR O,P,T)	Location: PL=Pore  Indicators for Pre No No No No No No No No No	E Lining, M=Matrix  Disternatic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
Type: C=Concent  Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dat	A4) 5) (A7) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) (A16) (MLRA 150A)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma	frace (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) (F6) (ce (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) B) (LRR P, T, U)	Location: PL=Pore  Indicators for Pre No No No No No No No No No	E Lining, M=Matrix  Disternatic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
Z-16  Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dan Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner	A4) 5) (A4) 5) ((A7) (LRR P,T,U) ((A7) (LRR P,T,U) ((A8) ((A12) ((A12) ((A16) (MLRA 150A) (al (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface (* Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F10) Under Union-Manganese Ma	s  rface (S8) (LRR S,T,U)  se) (LRR S,T,U)  al (F1) (LRR (O)  x (F2)  (F6)  ce (F7)  (F8)  1) (MLRA 151)  sses (F12) (LRR O,P,T)  s) (LRR P, T, U)  MLRA 151)	Location: PL=Pore  Indicators for Pre No No No No No No No No No	E Lining, M=Matrix  Disternatic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
2-16  Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Gleyed Matri	A4) 5) (A4) 5) ((A7) (LRR P,T,U) ((A7) (LRR P,T,U) ((A8) ((A12) ((A12) ((A16) (MLRA 150A) (a1 (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) (Reduced Vertic (F18)	fface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) ce (F7) (F8) 1) (MLRA 151) SSES (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A, 150B)	Location: PL=Pore  Indicators for Pro No No No No No No No No No	E Lining, M=Matrix  Disternatic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matri Sandy Redox (S5)	A4) 5) (A4) 5) ((A7) (LRR P,T,U) ((A7) (LRR P,T,U) ((A8) ((A12) ((A12) ((A16) (MLRA 150A) (a1 (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F1) Piedmont Floodplair	s  fface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  x (F2)  (F6)  ce (F7)  (F8)  1) (MLRA 151)  sses (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MLRA 150B)  c Soils (F19) (MLRA 149)	Location: PL=Pore Indicators for Pre No	E Lining, M=Matrix  Disternatic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
2-16  Type: C=Concent  Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dat Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Miner Sandy Redox (S5) Stripped Matrix S6)	1, RM=Reduced Matri (44) (5) (1) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RR V) (RR SUrface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F1) Piedmont Floodplair	fface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) ce (F7) (F8) 1) (MLRA 151) SSES (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A, 150B)	Location: PL=Pore Indicators for Pre No	E Lining, M=Matrix  Disternatic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matri Sandy Redox (S5)	1, RM=Reduced Matri (44) (5) (1) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RR V) (RR SUrface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F1) Piedmont Floodplair	s  fface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  x (F2)  (F6)  ce (F7)  (F8)  1) (MLRA 151)  sses (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MLRA 150B)  c Soils (F19) (MLRA 149)	Location: PL=Pore Indicators for Pre No	E Lining, M=Matrix  Disternatic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
2-16  Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfidel A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below LF Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineri Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (i	1, RM=Reduced Matri (44) (5) (1) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RR V) (RR SUrface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F1) Piedmont Floodplair	s  fface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  x (F2)  (F6)  ce (F7)  (F8)  1) (MLRA 151)  sses (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MLRA 150B)  c Soils (F19) (MLRA 149)	Location: PL=Pore Indicators for Pre No	E Lining, M=Matrix  Disternatic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)	
2-16  Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 Scm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) ((r (if observed):	1, RM=Reduced Matri (44) (5) (1) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RR V) (RR SUrface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F1) Piedmont Floodplair	s  fface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  x (F2)  (F6)  ce (F7)  (F8)  1) (MLRA 151)  sses (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MLRA 150B)  c Soils (F19) (MLRA 149)	Location: PL=Pore Indicators for Pro No	b Lining, M=Matrix  bilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)	
Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Gleyed Matrix S6) Dark Surface (S7) (if (iff observed): None	1, RM=Reduced Matri (44) (5) (1) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RR V) (RR SUrface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F1) Piedmont Floodplair	s  fface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  x (F2)  (F6)  ce (F7)  (F8)  1) (MLRA 151)  sses (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MLRA 150B)  c Soils (F19) (MLRA 149)	Location: PL=Pore Indicators for Pre No	e Lining, M=Matrix  Display the control of the cont	
2-16  Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 Scm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) ((r (if observed):	1, RM=Reduced Matri (44) (5) (1) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RR V) (RR SUrface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F1) Piedmont Floodplair	s  fface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  x (F2)  (F6)  ce (F7)  (F8)  1) (MLRA 151)  sses (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MLRA 150B)  c Soils (F19) (MLRA 149)	Location: PL=Pore Indicators for Pro No	b Lining, M=Matrix  bilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)	
Z-16  Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Gleyed Matrix S6) Dark Surface (S7) (if (iff observed): None	1, RM=Reduced Matri (44) (5) (1) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RR V) (RR SUrface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F1) Piedmont Floodplair	s  fface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  x (F2)  (F6)  ce (F7)  (F8)  1) (MLRA 151)  sses (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MLRA 150B)  c Soils (F19) (MLRA 149)	Location: PL=Pore Indicators for Pro No	e Lining, M=Matrix  Display the control of the cont	
Z-16  Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Gleyed Matrix S6) Dark Surface (S7) (if (iff observed): None	1, RM=Reduced Matri (44) (5) (1) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RR V) (RR SUrface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F1) Piedmont Floodplair	s  fface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  x (F2)  (F6)  ce (F7)  (F8)  1) (MLRA 151)  sses (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MLRA 150B)  c Soils (F19) (MLRA 149)	Location: PL=Pore Indicators for Pro No	e Lining, M=Matrix  Display the control of the cont	
Z-16  Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Gleyed Matrix S6) Dark Surface (S7) (if (iff observed): None	1, RM=Reduced Matri (44) (5) (1) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RR V) (RR SUrface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F1) Piedmont Floodplair	s  fface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  x (F2)  (F6)  ce (F7)  (F8)  1) (MLRA 151)  sses (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MLRA 150B)  c Soils (F19) (MLRA 149)	Location: PL=Pore Indicators for Pro No	e Lining, M=Matrix  Display the control of the cont	
Z-16  Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Gleyed Matrix S6) Dark Surface (S7) (if (iff observed): None	1, RM=Reduced Matri (44) (5) (1) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RR V) (RR SUrface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F1) Piedmont Floodplair	s  fface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  x (F2)  (F6)  ce (F7)  (F8)  1) (MLRA 151)  sses (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MLRA 150B)  c Soils (F19) (MLRA 149)	Location: PL=Pore Indicators for Pro No	e Lining, M=Matrix  Display the control of the cont	
2-16  Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Gleyed Matrix S6) Dark Surface (S7) (if (iff observed): None	1, RM=Reduced Matri (44) (5) (1) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RR V) (RR SUrface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F1) Piedmont Floodplair	s  fface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  x (F2)  (F6)  ce (F7)  (F8)  1) (MLRA 151)  sses (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MLRA 150B)  c Soils (F19) (MLRA 149)	Location: PL=Pore Indicators for Pro No	e Lining, M=Matrix  Display the control of the cont	
2-16  Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Gleyed Matrix S6) Dark Surface (S7) (if (iff observed): None	1, RM=Reduced Matri (44) (5) (1) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RR V) (RR SUrface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F1) Piedmont Floodplair	s  fface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  x (F2)  (F6)  ce (F7)  (F8)  1) (MLRA 151)  sses (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MLRA 150B)  c Soils (F19) (MLRA 149)	Location: PL=Pore Indicators for Pro No	e Lining, M=Matrix  Display the control of the cont	
2-16  Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Gleyed Matrix S6) Dark Surface (S7) (if (iff observed): None	1, RM=Reduced Matri (44) (5) (1) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RR V) (RR SUrface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F1) Piedmont Floodplair	s  fface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  x (F2)  (F6)  ce (F7)  (F8)  1) (MLRA 151)  sses (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MLRA 150B)  c Soils (F19) (MLRA 149)	Location: PL=Pore Indicators for Pro No	e Lining, M=Matrix  Display the control of the cont	
2-16  Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Gleyed Matrix S6) Dark Surface (S7) (if (iff observed): None	1, RM=Reduced Matri (44) (5) (1) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RR V) (RR SUrface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F1) Piedmont Floodplair	s  fface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  x (F2)  (F6)  ce (F7)  (F8)  1) (MLRA 151)  sses (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MLRA 150B)  c Soils (F19) (MLRA 149)	Location: PL=Pore Indicators for Pro No	e Lining, M=Matrix  Display the control of the cont	
2-16  Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Gleyed Matrix S6) Dark Surface (S7) (if (iff observed): None	1, RM=Reduced Matri (44) (5) (1) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RR V) (RR SUrface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F1) Piedmont Floodplair	s  fface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  x (F2)  (F6)  ce (F7)  (F8)  1) (MLRA 151)  sses (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MLRA 150B)  c Soils (F19) (MLRA 149)	Location: PL=Pore Indicators for Pro No	e Lining, M=Matrix  Display the control of the cont	
2-16  Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Gleyed Matrix S6) Dark Surface (S7) (if (iff observed): None	1, RM=Reduced Matri (44) (5) (1) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RR V) (RR SUrface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F1) Piedmont Floodplair	s  fface (S8) (LRR S,T,U)  S9) (LRR S,T,U)  al (F1) (LRR (O)  x (F2)  (F6)  ce (F7)  (F8)  1) (MLRA 151)  sses (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MLRA 150B)  c Soils (F19) (MLRA 149)	Location: PL=Pore Indicators for Pro No	e Lining, M=Matrix  Display the control of the cont	

VEGETATION					SAMPLING POINT
Tree Stratum	Plot Size: 30'	Absolute %	Dominant	Indicator Status	Dominance Test Worksheet: Number of Dominant Species That (A):
None		Cover	Species		Number of Dominant Species That (A): are OBL, FACW, or FAC 0
					Total Number of Dominant Species
					Across All Strata 1
					Percent of Dominant Species (A/B):
					That Are OBL, FACW, or FAC 0.00%
					4
					†
		50/00 T			Prevalence Index Worksheet:
-	0 = Total Cover		hreshold of Total Cover =	0	Total % Cover of: Multiply
			of Total Cover =		OBL x1=
Sapling Stratum	Plot Size: 30'	Absolute %	Dominant	Indicator Status	FACW x2=
None		Cover	Species		FAC x3= FACU x4=
					UPL x5=
					A Totals B
		1		1	Prevalence Index (B/A)=
					Hydrophytic Vegetation Indicators:
					Rapid Test for Hydrophytic Veg: No
		1		-	Dominance Test > 50%:   No
					Problematic Hydrophytic Veg: No
	_	-		-	Definitions of Vegetation Strata:
-	0 = Total Cover		hreshold of Total Cover =	0	
			of Total Cover =		Tree - Woody plants, excluding woody vines, approximately 20' or more in height and 3" or larger in DBH.
Shrub Stratum	Plot Size: 30'	Absolute %	Dominant	Indicator Status	or more in noight and of or larger in 22 m
None	1 101 0120. 00	Cover	Species	Timeloutor otatao	Continue Westerlands and discourse design and a second second
None					Sapling - Woody plants, excluding woody vines, approximately 20' or more in height and less than 3" in DBH.
					20 of more in neight and less than 6 in 25%.
					<b>Shrub</b> - Woody plants, excluding woody vines, approximately 3-20' in height.
					25 in height.
					Herb - All herbaceous plants, including herbaceous vines,
					regardless of size. Includes woody plants, except woody vines, less than approximately 3' in height.
		1	<u>I</u>	1	less than approximately 5 in neight.
-	0 = Total Cover		hreshold	•	
			of Total Cover =		Woody vine - All woody vines, regardless of height.
Herb Stratum	Plot Size: 30'	Absolute %	Dominant	Indicator Status	Remarks:
		Cover	Species		1
Paspalum notatum Trifolium repens		80 10	Yes No	FACU FACU	1
		10	140	17100	1
					4
		<u> </u>	<u></u>	<u> </u>	1
					4
		1	1	I	1
]	90 = Total Cover		hreshold		
			of Total Cover =		
Woody Vine	DI / 0'	Absolute %	Dominant		1
Stratum	Plot Size: 30'	Cover	Species	Indicator Status	]
None					4
					1
					1
					4
		<del> </del>		<del>                                     </del>	-
					1
	0 = Total Cover	50/20 T	hreshold		Hydrophytic Vegetation Present?
-			of Total Cover =		No No
Ī		20%	of Total Cover =	0	

							_	
Project/Site:	I-10: LA 415 to Es	ssen Lane on I-10 an	d I-12	Parish: East Bator	n Rouge	Sampling Date:	6/26/2017	
Applicant/Owner:	Louisiana Department	t of Transportation and De	evelopment	State: Louisiana		Sampling Point:	9	
Investigator(s):	Taylor Simoneaux		•	Section, Township	Range:		ship 7 South, Range 1 East	
				Section, Township				
Landform (hillslop		Flat			Local Relief (concave	e, convex, none): N		
Subregion (LRR o	or MLRA):	LRR P	Lat: 30.424597	0	Long: -91.153190°		Datum: NAD83	
Soil Map Unit Nar	ne:	Oprairie silt	-		•	NWI Classification	None	
Are climatic / hvdr	ologic conditions o	n the site typical for t	his time of year?	Yes (If no ext	olain in Remarks)	•		
Are Vegetation	, Soil ,	or Hydrology	significantly distu		Are "Normal Circums	tances" present?	Yes	
						•		
Are Vegetation	, Soil,	, or Hydrology	naturally problem	atic? No	(If needed, explain ar	iy answers in Rema	IKS.)	
SUMMARY OF F	INDINGS							
Hydrophytic Vege	tation Present?	N	0					
Hydric Soil Preser	nt?	N	0	Is the Sampled A	rea within a Wetland	?	No	
Wetland Hydrolog			es	100				
	ly i rosont.		30					
Remarks:								
HYDROLOGY								
Wetland Hydrolo	av Indicatore					Secondary Indicat	ors (Need 2):	
						•		
Primary Indicators						No	Surface Soil Cracked (B6)	
Yes	Surface Water (A	1)	No	Water Stained Lea	aves (B9)	No	Sparsely Veg. Concave Surface (B8)	
No	High Water Table	(A2)	No	Aquatic Fauna (B	13)	No	Drainage Patterns (B10)	
No	Saturation (A3)		No	Marl Deposits (B1	5) (LRR U)	No	Moss Trim Lines (B16)	
No	Water Marks (B1)		No	Hydrogen Sulfide		No	Dry-Season Water Table (C2)	
	• '							
No	Sediment Deposit	, ,	No	Oxidized Root Ch	. ,	No	Crayfish Burrows (C8)	
No	Drift Deposits (B3	•	No	Presence of Redu	, ,	No	Saturation on Aerial Imagery (C9)	
No	Algal Mat or Crus	t (B4)	No	Recent Reduct. in	Tilled Soils (C6)	No	Geomorphic Position (D2)	
No	Iron Deposits (B5		No	Thin Muck Surface		No	Shallow Aquitard (D3)	
	- ' '	,		_	* *		FAC-Neutral Test (D5)	
No	Inundation on Aer	iai iiiiayeiy (D7)	No	Other (Explain in I	venidiks)	No	. ,	
						No	Sphagnum Moss (D8) (LRR T, U)	
Field Observatio	ns:							
Surface Water Pre	esent?	Yes	Depth (inches):	2		Wetland Hydrolo	av Present?	
Water table Prese	nt?	None	Depth (inches):	N/A		1	Yes	
							163	
Saturation Presen	IL?	None	Depth (inches):	N/A				
Remarks:								
SOIL								
Depth	M	latrix		Redo	x Features		Texture	
Inches	Color	%	Color	%	Type	Location		
					-7F-			
	10VR 3/1	100					silt Inam	
0-2	10YR 3/1	100					silt loam	
0-2 2-8	10YR 4/3	100					silt loam	
0-2			10YR 5/6	40	C	M		
0-2 2-8	10YR 4/3	100	10YR 5/6	40	С	M	silt loam	
0-2 2-8	10YR 4/3	100	10YR 5/6	40	С	M	silt loam	
0-2 2-8	10YR 4/3	100	10YR 5/6	40	С	M	silt loam	
0-2 2-8	10YR 4/3	100	10YR 5/6	40	С	M	silt loam	
0-2 2-8 8-16	10YR 4/3 10YR 7/3	100 60					silt loam silt loam	
0-2 2-8 8-16	10YR 4/3 10YR 7/3	100				M  Location: PL=Pore	silt loam silt loam	
0-2 2-8 8-16	10YR 4/3 10YR 7/3	100 60					silt loam silt loam	
0-2 2-8 8-16 Type: C=Concent	10YR 4/3 10YR 7/3 ration, D=Depletion	100 60				Location: PL=Pore	silt loam silt loam	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic	10YR 4/3 10YR 7/3 ration, D=Depletion	100 60	ix, CS=Covered or	Coated Sand Grain	IS	Location: PL=Pore	silt loam silt loam  E Lining, M=Matrix  Soblematic Soils:	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No	10YR 4/3 10YR 7/3 10YR 7/3 ration, D=Depletion ators:	100 60 , RM=Reduced Matr	ix, CS=Covered or	Coated Sand Grain	rface (S8) (LRR S,T,U)	Location: PL=Pore	silt loam silt loam silt loam  Lining, M=Matrix  Sollematic Soils:  1cm Muck (A9) (LRR O)	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No No	10YR 4/3 10YR 7/3 ration, D=Depletion ators: Histol (A1) Histic Epipedon (A2	100 60 , RM=Reduced Matr	x, CS=Covered or	Polyvalue Below Su Thin Dark Surface (	rface (S8) (LRR S,T,U) S9) (LRR S,T,U)	Location: PL=Pore Indicators for Pro	silt loam silt loam silt loam  Lining, M=Matrix  bilematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S)	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No No No	10YR 4/3 10YR 7/3 10YR 7/3 ration, D=Depletion ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3)	100 60 a, RM=Reduced Matr	ix, CS=Covered or  No  No  No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O)	Location: PL=Pore Indicators for Pre No No No	silt loam silt loam silt loam  Lining, M=Matrix  bilematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B)	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No No	ators: Histo (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A	100 60 1, RM=Reduced Matr	x, CS=Covered or	Polyvalue Below Su Thin Dark Surface (	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O)	Location: PL=Pore Indicators for Pro	silt loam silt loam silt loam  Lining, M=Matrix  bilematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S)	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No No No	10YR 4/3 10YR 7/3 10YR 7/3 ration, D=Depletion ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3)	100 60 1, RM=Reduced Matr	ix, CS=Covered or  No  No  No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2)	Location: PL=Pore Indicators for Pre No No No	silt loam silt loam silt loam  Lining, M=Matrix  bilematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B)	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No No No No No	10YR 4/3 10YR 7/3 10YR 7/3 ration, D=Depletion ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (# Stratified Layers (A	100 60 60 1, RM=Reduced Matr	No No No No No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Mineu Loamy Gleyed Matr Depleted Matrix (F3	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2)	Location: PL=Pore Indicators for Pre No No No No No	silt loam silt loam silt loam silt loam silt loam  Lining, M=Matrix silt loam Lining, M=Matrix silt loam Lining, M=Matrix silt loam Lining, M=Matrix silt loam Lining, M=Matrix	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No No No No No No	ators: Histol (A1) Hydrogen Sulfide (A2) Hydrogen Sulfide (A2) Organic Bodies (A6)	100 60 60 n, RM=Reduced Matr 2) A4) 5) (LRR P,T,U)	No No No No No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) all (F1) (LRR (O) ix (F2) e (F6)	Location: PL=Pore  Indicators for Pre No No No No No No	silt loam solis: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2)	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No No No No No No	ators: Histo (A1) Hydrogen Sulfide (A6) Hydrogen Sulfide (A6) Granic Bodies (A6) Scm Mucky Mineral	100 60 60 n, RM=Reduced Matr 2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U)	No No No No No No No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) 1: (F6) ace (F7)	Location: PL=Pore No No No No No No No No	silt loam silt loam silt loam silt loam silt loam silt loam  Lining, M=Matrix  belenatic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No No No No No No	ators: Histo (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6 5cm Mucky Mineral Muck Presence (A8	100 60 60 a, RM=Reduced Matr 2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U)	No No No No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) 1: (F6) ace (F7)	Location: PL=Pore  Indicators for Pre No No No No No No	silt loam solis: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2)	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No No No No No No	ators: Histo (A1) Hydrogen Sulfide (A6) Hydrogen Sulfide (A6) Granic Bodies (A6) Scm Mucky Mineral	100 60 60 a, RM=Reduced Matr 2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U)	No No No No No No No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) 1: (F6) ace (F7)	Location: PL=Pore No No No No No No No No	silt loam silt loam silt loam silt loam silt loam silt loam  Lining, M=Matrix  belenatic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histoic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A) Organic Bodies (A6 Scm Mucky Mineral Muck Presence (A8 Icm Muck (A9) (LF	100 60 60 1, RM=Reduced Matr 2) 144) 5) 1) (LRR P,T,U) (A7) (LRR P,T,U) 1) (LRR U) RR P,T)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) ) to (F6) ace (F7) (F8)	Location: PL=Pore No No No No No No No No	silt loam silt loam silt loam silt loam silt loam silt loam  Lining, M=Matrix  belenatic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Hydrogen Sulfide (A Organic Bodies (A6 Stratified Layers (A6 Organic Bodies (A6 Scm Mucky Mineral Muck Presence (A8 Icm Muck (A9) (LE Depleted Below Da	100 60 60 10, RM=Reduced Matr (2) (2) (4) (5) (1) (47) (1) (47) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) 1) (MLRA 151)	Location: PL=Pore No No No No No No No No	silt loam silt loam silt loam silt loam silt loam silt loam  Lining, M=Matrix  belenatic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histoc (A3) Hydrogen Sulfide (A5) Hydrogen Sulfide (A6) Stratified Layers (A6) Gramic Bodies (A6) Scm Mucky Mineral Muck Presence (A8) Lom Muck (A9) (LF Depleted Below Dal Thick Dark Surface	100 60 60 10, RM=Reduced Matr (2) (A4) (5) (1) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (RR P,T,U) (KR P,T,U)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) asses (F12) (LRR O,P,T)	Location: PL=Pore No No No No No No No No	silt loam silt loam silt loam silt loam silt loam silt loam Lining, M=Matrix  belenatic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No	ators: Histo (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A5 Em Mucky Mineral Muck Presence (A8 Tom Muck (A9) (LF Depleted Below Darinick Dark Surface Coast Prairie Redox	100 60 60 1, RM=Reduced Matr 2) (A4) 5) ((A7) (LRR P,T,U) ((A7) (LRR P,T,U) ((A7) (LRR U) ((A7) (LRR U) ((A12) ((A12) ((A	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Oark Surface Depleted October Marl (F10) (LRR U) Depleted Octro Liron-Manganese (F1: Umbric Surface (F1:	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) 1) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U)	Location: PL=Pore No No No No No No No No	silt loam silt loam silt loam silt loam silt loam silt loam Lining, M=Matrix  belenatic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histoic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4) Organic Bodies (A6 Scm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dal Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner	100 60 60 1, RM=Reduced Matr 2) 1, LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) RR P,T) rk Surface (A11) (A12) (A16) (MLRA 150A) rai (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) 1) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U)	Location: PL=Pore No No No No No No No No	silt loam silt loam silt loam silt loam silt loam silt loam Lining, M=Matrix  belenatic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No	ators: Histo (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A5 Em Mucky Mineral Muck Presence (A8 Tom Muck (A9) (LF Depleted Below Darinick Dark Surface Coast Prairie Redox	100 60 60 1, RM=Reduced Matr 2) 1, LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) RR P,T) rk Surface (A11) (A12) (A16) (MLRA 150A) rai (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Narl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) (	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) 1) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U)	Location: PL=Pore No No No No No No No No	silt loam silt loam silt loam silt loam silt loam silt loam Lining, M=Matrix  belenatic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histol Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Minera Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Da Thick Dark Surface Coast Prairie Redov Sandy Mucky Miner Sandy Gleyed Matri	100 60 60 1, RM=Reduced Matr 2) 1, LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) RR P,T) rk Surface (A11) (A12) (A16) (MLRA 150A) rai (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Mineu Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F1) Reduced Vertic (F18	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) ) te (F6) ace (F7) (F8) 1) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) B) (MLRA 150A, 150B)	Location: PL=Pore  Indicators for Pre No	silt loam silt loam silt loam silt loam silt loam silt loam Lining, M=Matrix  belenatic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histol (A1) Histol (A2) Histol (A1) Histol (A2) Histol (A3) Hydrogen Sulfide (A2) Black Histic (A3) Hydrogen Sulfide (A3) Grganic Bodies (A6) Scm Mucky Mineral Muck Presence (A8) Tem Muck (A9) (LF Depleted Below Dai Thick Dark Surface Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matri Sandy Gleyed Matri Sandy Redox (S5)	100 60 60 1, RM=Reduced Matr 2) 1, LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) RR P,T) rk Surface (A11) (A12) (A16) (MLRA 150A) rai (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F14) Piedmont Floodplain	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) 0 (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A) 1 Soils (F19) (MLRA 149)	Location: PL=Pore Indicators for Pre No	silt loam silt loam silt loam silt loam silt loam silt loam Lining, M=Matrix  belenatic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histoc (A1) Histoc (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Da Thick Dark Surface Coast Prairie Redo) Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6)	100 60 60 60 A4) 55) 0) (LRR P,T,U) (A7) (LRR P,T,U) 0) (LRR U) RR P,T) rk Surface (A11) (A12) (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F14) Piedmont Floodplain	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) ) te (F6) ace (F7) (F8) 1) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) B) (MLRA 150A, 150B)	Location: PL=Pore Indicators for Pre No	silt loam silt loam silt loam silt loam silt loam silt loam Lining, M=Matrix  belenatic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A7 Corganic Bodies (A7 Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A8) Left (A9) (LF Depleted Below Dai Thick Dark Surface Coast Prairie Redov Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (	100 60 60 60 A4) 55) 0) (LRR P,T,U) (A7) (LRR P,T,U) 0) (LRR U) RR P,T) rk Surface (A11) (A12) (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F14) Piedmont Floodplain	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) 0 (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A) 1 Soils (F19) (MLRA 149)	Location: PL=Pore Indicators for Pre No	silt loam silt loam silt loam silt loam silt loam silt loam Lining, M=Matrix  belenatic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A7 Corganic Bodies (A7 Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A8) Left (A9) (LF Depleted Below Dai Thick Dark Surface Coast Prairie Redov Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (	100 60 60 60 A4) 55) 0) (LRR P,T,U) (A7) (LRR P,T,U) 0) (LRR U) RR P,T) rk Surface (A11) (A12) (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F14) Piedmont Floodplain	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) 0 (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A) 1 Soils (F19) (MLRA 149)	Location: PL=Pore Indicators for Pre No	silt loam silt loam silt loam silt loam silt loam silt loam Lining, M=Matrix  belenatic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A7 Corganic Bodies (A7 Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A8) Left (A9) (LF Depleted Below Dai Thick Dark Surface Coast Prairie Redov Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (	100 60 60 60 A4) 55) 0) (LRR P,T,U) (A7) (LRR P,T,U) 0) (LRR U) RR P,T) rk Surface (A11) (A12) (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F14) Piedmont Floodplain	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) 0 (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A) 1 Soils (F19) (MLRA 149)	Location: PL=Pore Indicators for Pre No	silt loam solis: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (rff observed): None	100 60 60 60 A4) 55) 0) (LRR P,T,U) (A7) (LRR P,T,U) 0) (LRR U) RR P,T) rk Surface (A11) (A12) (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F14) Piedmont Floodplain	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) 0 (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A) 1 Soils (F19) (MLRA 149)	Location: PL=Pore Indicators for Pre No	silt loam solse self-self-self-self-self-self-self-self-	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histoic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A) Organic Bodies (A6 Scm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dal Thick Dark Surface Coast Prairie Redo) Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (r (if observed):	100 60 60 60 A4) 55) 0) (LRR P,T,U) (A7) (LRR P,T,U) 0) (LRR U) RR P,T) rk Surface (A11) (A12) (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F14) Piedmont Floodplain	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) 0 (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A) 1 (MLRA 150B) 1 Soils (F19) (MLRA 149	Location: PL=Pore Indicators for Pre No	silt loam solis: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (rff observed): None	100 60 60 60 A4) 55) 0) (LRR P,T,U) (A7) (LRR P,T,U) 0) (LRR U) RR P,T) rk Surface (A11) (A12) (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F14) Piedmont Floodplain	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) 0 (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A) 1 (MLRA 150B) 1 Soils (F19) (MLRA 149	Location: PL=Pore Indicators for Pre No	silt loam solse self-self-self-self-self-self-self-self-	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (rff observed): None	100 60 60 60 A4) 55) 0) (LRR P,T,U) (A7) (LRR P,T,U) 0) (LRR U) RR P,T) rk Surface (A11) (A12) (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F14) Piedmont Floodplain	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) 0 (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A) 1 (MLRA 150B) 1 Soils (F19) (MLRA 149	Location: PL=Pore Indicators for Pre No	silt loam solse self-self-self-self-self-self-self-self-	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (rff observed): None	100 60 60 60 A4) 55) 0) (LRR P,T,U) (A7) (LRR P,T,U) 0) (LRR U) RR P,T) rk Surface (A11) (A12) (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F14) Piedmont Floodplain	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) 0 (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A) 1 (MLRA 150B) 1 Soils (F19) (MLRA 149	Location: PL=Pore Indicators for Pre No	silt loam solse self-self-self-self-self-self-self-self-	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (rff observed): None	100 60 60 60 A4) 55) 0) (LRR P,T,U) (A7) (LRR P,T,U) 0) (LRR U) RR P,T) rk Surface (A11) (A12) (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F14) Piedmont Floodplain	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) 0 (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A) 1 (MLRA 150B) 1 Soils (F19) (MLRA 149	Location: PL=Pore Indicators for Pre No	silt loam solse self-self-self-self-self-self-self-self-	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (rff observed): None	100 60 60 60 A4) 55) 0) (LRR P,T,U) (A7) (LRR P,T,U) 0) (LRR U) RR P,T) rk Surface (A11) (A12) (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F14) Piedmont Floodplain	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) 0 (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A) 1 (MLRA 150B) 1 Soils (F19) (MLRA 149	Location: PL=Pore Indicators for Pre No	silt loam solse self-self-self-self-self-self-self-self-	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (rff observed): None	100 60 60 60 A4) 55) 0) (LRR P,T,U) (A7) (LRR P,T,U) 0) (LRR U) RR P,T) rk Surface (A11) (A12) (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F14) Piedmont Floodplain	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) 0 (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A) 1 (MLRA 150B) 1 Soils (F19) (MLRA 149	Location: PL=Pore Indicators for Pre No	silt loam solse self-self-self-self-self-self-self-self-	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (rf observed): None	100 60 60 60 A4) 55) 0) (LRR P,T,U) (A7) (LRR P,T,U) 0) (LRR U) RR P,T) rk Surface (A11) (A12) (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F14) Piedmont Floodplain	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) 0 (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A) 1 (MLRA 150B) 1 Soils (F19) (MLRA 149	Location: PL=Pore Indicators for Pre No	silt loam solse self-self-self-self-self-self-self-self-	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (rf observed): None	100 60 60 60 A4) 55) 0) (LRR P,T,U) (A7) (LRR P,T,U) 0) (LRR U) RR P,T) rk Surface (A11) (A12) (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F14) Piedmont Floodplain	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) 0 (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A) 1 (MLRA 150B) 1 Soils (F19) (MLRA 149	Location: PL=Pore Indicators for Pre No	silt loam solse self-self-self-self-self-self-self-self-	
0-2 2-8 8-16  Type: C=Concent  Hydric Soil Indic No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (rf observed): None	100 60 60 60 A4) 55) 0) (LRR P,T,U) (A7) (LRR P,T,U) 0) (LRR U) RR P,T) rk Surface (A11) (A12) (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F14) Piedmont Floodplain	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) 0 (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A) 1 (MLRA 150B) 1 Soils (F19) (MLRA 149	Location: PL=Pore Indicators for Pre No	silt loam solse self-self-self-self-self-self-self-self-	

VEGETATION					SAMPLING POINT 9
Tree Stratum	Plot Size: 30'	Absolute %	Dominant	Indicator Status	Dominance Test Worksheet:
None		Cover	Species		Number of Dominant Species That (A): are OBL, FACW, or FAC 1
None					are 65E, 17,677, 6117,6
					Total Number of Dominant Species
					Across All Strata 3
					Percent of Dominant Species (A/B):
					That Are OBL, FACW, or FAC 33.33%
					4
					╡
					Prevalence Index Worksheet:
<u>-</u>	0 = Total Cover		hreshold of Total Cover =	0	Total % Cover of: Multiply
			of Total Cover =		OBL x1=
Sapling Stratum	Plot Size: 30'	Absolute %	Dominant	Indicator Status	FACW x2=
None		Cover	Species		FAC x3= FACU x4=
None					UPL x5=
					A Totals B
					Prevalence Index (B/A)=
					Hydrophytic Vegetation Indicators:
					Rapid Test for Hydrophytic Veg: No
		1			Dominance Test > 50%: No Prevalence Index is ≤3.0: N/A
					Problematic Hydrophytic Veg: No
		•	•		Definitions of Vegetation Strata:
-	0 = Total Cover		hreshold of Total Cover =	0	Tree - Woody plants, excluding woody vines, approximately 20'
			of Total Cover =		or more in height and 3" or larger in DBH.
Shrub Stratum	Plot Size: 30'	Absolute %	Dominant	Indicator Status	or mere in neight and or or larger in 227 ii
None	1 101 0.20.	Cover	Species	1	Canting Mandy plants avaluding was divising a page visuately
None					Sapling - Woody plants, excluding woody vines, approximately 20' or more in height and less than 3" in DBH.
					<b>]</b>
					<b>Shrub</b> - Woody plants, excluding woody vines, approximately 3-20' in height.
					25 in holyn.
					Herb - All herbaceous plants, including herbaceous vines,
					regardless of size. Includes woody plants, except woody vines, less than approximately 3' in height.
			<u>.</u>		and approximately of investment
-	0 = Total Cover		hreshold of Total Cover =	0	Manda da Allera de discone
			of Total Cover =		Woody vine - All woody vines, regardless of height.
Herb Stratum	Plot Size: 30'	Absolute %	Dominant	Indicator Status	Remarks:
Cynodon dactylon	. 101 0.20. 00	Cover	Species		4
Hydrocotyle americ	eana	30 30	Yes Yes	FACU OBL	+
Trifolium repens		20	Yes	FACU	
					4
		1	1	<u> </u>	1
					]
					4
					1
		•		•	1
-	80 = Total Cover		hreshold	40	
			of Total Cover =	40 16	
Woody Vine	Plot Size: 30'	Absolute %	Dominant	Indicator Status	1
Stratum	FIUL SIZE. 30	Cover	Species	mulcator Status	4
None					-
					<u> </u>
					-
					1
					4
		ı	<u> </u>	1	
_	0 = Total Cover		hreshold		Hydrophytic Vegetation Present?
			of Total Cover =		No
<u> </u>		20%	of Total Cover =	U	L

Project/Site:	I-10: LA 415 to Es	sen Lane on 1-10 an	d I-12	Parish: East Bato	n Rouge	Sampling Date:	6/26/2017
Applicant/Owner:	Louisiana Department	of Transportation and De	evelopment	State: Louisiana		Sampling Point:	10
Investigator(s):	Taylor Simoneaux		•	Section, Township	n Range:		ship 7 South, Range 1 West
				Occion, Townshi			
Landform (hillslop		Flat				e, convex, none): N	
Subregion (LRR of	or MLRA):	LRR P	Lat: 30.424892	0	Long: -91.160397°		Datum: NAD83
Soil Map Unit Nar	me:	Udarents	-		-	NWI Classification	None
Are climatic / hvdr	rologic conditions or	n the site typical for t	his time of year?	Yes (If no exi	plain in Remarks)	•	
Are Vegetation	•	or Hydrology	significantly distu		Are "Normal Circum	stances" present?	Yes
						•	
Are Vegetation	, Soil,	or Hydrology	naturally problem	atic? No	(ii needed, explain a	any answers in Rema	IKS.)
SUMMARY OF F	INDINGS						
Hydrophytic Vege	etation Present?	N	lo				
Hydric Soil Prese	nt?	N	lo	Is the Sampled A	Area within a Wetland	d?	No
Wetland Hydrolog		 N		io ano oampioa i			110
, ,	gy Fresent:	11	10				
Remarks:							
HYDROLOGY							
Wetland Hydrolo	I all a a4 a					0	(N (N 1 O)
,						Secondary Indicat	
Primary Indicators	s (Need 1):					No	Surface Soil Cracked (B6)
No	Surface Water (A1	1)	No	Water Stained Le	aves (B9)	No	Sparsely Veg. Concave Surface (B8)
No	High Water Table	(A2)	No	Aquatic Fauna (B	(13)	No	Drainage Patterns (B10)
		(* 12)			,		. ,
No	Saturation (A3)		No No	Marl Deposits (B1		No	Moss Trim Lines (B16)
No	Water Marks (B1)		No	Hydrogen Sulfide		No	Dry-Season Water Table (C2)
No	Sediment Deposit	s (B2)	No	Oxidized Root Cl	hannels (C3)	No	Crayfish Burrows (C8)
No	Drift Deposits (B3)	)	No	Presence of Redu	uced Iron (C4)	No	Saturation on Aerial Imagery (C9)
No	Algal Mat or Crust		No	Recent Reduct. in		No	Geomorphic Position (D2)
					, ,		· · · · · · · · · · · · · · · · · · ·
No	Iron Deposits (B5)		No	Thin Muck Surfac		No	Shallow Aquitard (D3)
No	Inundation on Aer	ial Imagery (B7)	No	Other (Explain in	Remarks)	No	FAC-Neutral Test (D5)
	_	- , , ,		_	•	No	Sphagnum Moss (D8) (LRR T, U)
Field Observetts	noi					140	
Field Observatio						l.,	B 40
Surface Water Pro		None	Depth (inches):	N/A		Wetland Hydrolo	gy Present?
Water table Prese	ent?	None	Depth (inches):	N/A			No
Saturation Preser	nt?	None	Depth (inches):	N/A			
		None	Deput (mones).	14/73			
Remarks:							
SOIL							
Depth	M	atrix		Redo	x Features		Texture
Inches	Color	%	Color	%	Type	Location	
0-16	10YR 5/3	80	10YR 5/6	20	C	М	silt loam
	101111070	- 55	101111070		, ,		
Type: C=Concent	tration, D=Depletion	, RM=Reduced Matr	ix, CS=Covered or	Coated Sand Grain	ns	Location: PL=Pore	Lining, M=Matrix
Type: C=Concent	tration, D=Depletion	, RM=Reduced Matr	ix, CS=Covered or	Coated Sand Grain	ns	Location: PL=Pore	Lining, M=Matrix
••		, RM=Reduced Matr	ix, CS=Covered or	Coated Sand Grain	ns		
Hydric Soil Indic	cators:	, RM=Reduced Matr				Indicators for Pro	oblematic Soils:
Hydric Soil Indic	cators:  Histol (A1)		No	Polyvalue Below Su	urface (S8) (LRR S,T,U)	Indicators for Pro	oblematic Soils: 1cm Muck (A9) (LRR O)
Hydric Soil Indic	cators: _ Histol (A1) _ Histic Epipedon (A2			Polyvalue Below Su	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U)	Indicators for Pro	oblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S)
Hydric Soil Indic	cators:  Histol (A1)		No	Polyvalue Below Su	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U)	Indicators for Pro	oblematic Soils: 1cm Muck (A9) (LRR O)
Hydric Soil Indic No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3)	)	No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) tral (F1) (LRR (O)	Indicators for Pro	oblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B)
Hydric Soil Indic No No No No	eators:  Histol (A1)  Histic Epipedon (A2  Black Histic (A3)  Hydrogen Sulfide (A	)	No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mati	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2)	Indicators for Pro	belematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T)
Hydric Soil Indic No No No No No	Eators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5	) .4) 5)	No No No No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) eral (F1) (LRR (O) rix (F2)	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)
Hydric Soil Indic No No No No	Histol (A1) Histo Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6 Organic Bodies (A6)	) ,4) 5) ) (LRR P,T,U)	No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) eral (F1) (LRR (O) rix (F2) 3) e (F6)	Indicators for Pro	belematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T)
Hydric Soil Indic No No No No No	Eators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5	) ,4) 5) ) (LRR P,T,U)	No No No No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) eral (F1) (LRR (O) rix (F2) 3) e (F6)	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)
Hydric Soil Indic No No No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6 Organic Bodies (A6) 5cm Mucky Mineral	) ,4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U)	No No No No No No	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 3) e (F6) face (F7)	Indicators for Pro	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	Histol (A1) Histol (A1) Histor Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A) Strattfied Layers (A4 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8	) ,4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U)	No No No No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matrix (FZ Redox Dark Surfac Depleted Dark Surfac Redox Depressions	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) tral (F1) (LRR (O) trix (F2) 3) e (F6) ace (F7) s (F8)	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P.S.T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic No No No No No No No No	Lators: Histol (A1) Histol (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF	) (4) (5) (LRR P,T,U) (47) (LRR P,T,U) (LRR U) (R P,T)	No No No No No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matrix (F2 Redox Dark Surfac Depleted Dark Surfac Redox Depressions Marl (F10) (LRR U)	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) rral (F1) (LRR (O) rix (F2) 3) e (F6) ace (F7) s (F8)	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P.S.T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic No No No No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar	4) 5) ((LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) R P,T) k Surface (A11)	No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U)	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) rral (F1) (LRR (O) rix (F2) 3) e (F6) ace (F7) s (F8) 11) (MLRA 151)	Indicators for Pro No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P.S.T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic No No No No No No No No	Lators: Histol (A1) Histol (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF	4) 5) ((LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) R P,T) k Surface (A11)	No No No No No No No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U)	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) rral (F1) (LRR (O) rix (F2) 3) e (F6) ace (F7) s (F8)	Indicators for Pro No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P.S.T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	Histol (A1) Histor Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Depleted Below Dar Thick Dark Surface	.) (.4) (.5) (.1) (.1) (.47) (.47) (.47) (.47) (.47) (.47) (.47) (.47) (.47) (.47) (.47) (.412)	No N	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mati Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F- Iron-Manganese Mi	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) 9 (F6) ace (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T	Indicators for Pro No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P.S.T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	Histol (A1) Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A) Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox	) (4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) (R P,T) k Surface (A11) (A12) (A16) (MLRA 150A)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mati Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (Fi Iron-Manganese Mature (F1)	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) eral (F1) (LRR (O) rix (F2) 3) e (F6) ace (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T	Indicators for Pro No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P.S.T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No	Histol (A1) Histol (A1) Histol (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner	(4) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	No N	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matrix (F2 Redox Dark Surfac Depleted Dark Surfac Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F10n-Manganese Mindows (F10) Unbric Surface (F1	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) (rat (F1) (LRR (O) rix (F2) 3) (e (F6) (ace (F7) (s (F8) ) 111) (MLRA 151) (asses (F12) (LRR O,P,T (3) (LRR P, T, U) (MLRA 151)	Indicators for Pro No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P.S.T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic	Histol (A1) Histol (A1) Histol (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri	(4) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	No N	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matro Depleted Matrix (F2 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese (F1 Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F1	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) rral (F1) (LRR (O) rix (F2) 3) e (F6) ace (F7) s (F8) 11) (MLRA 151) assess (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) 8) (MLRA 150A, 150B)	Indicators for Pro No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P.S.T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No	Histol (A1) Histol (A1) Histol (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner	(4) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	No N	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matro Depleted Matrix (F2 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese (F1 Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F1	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) (rat (F1) (LRR (O) rix (F2) 3) (e (F6) (ace (F7) (s (F8) ) 111) (MLRA 151) (asses (F12) (LRR O,P,T (3) (LRR P, T, U) (MLRA 151)	Indicators for Pro No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P.S.T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No	Histol (A1) Histol (A1) Histol (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri	(4) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	No   No   No   No   No   No   No   No	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Mi Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) face (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pro No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P.S.T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No	Histol (A1) Histol (A1) Histor Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A) Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6)	(A) (A) (B) (CAT) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (A15) (LRR O,S) (X (S4)	No N	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Mi Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) rral (F1) (LRR (O) rix (F2) 3) e (F6) ace (F7) s (F8) 11) (MLRA 151) assess (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) 8) (MLRA 150A, 150B)	Indicators for Pro No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P.S.T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	Histol (A1) Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A) Strattfied Layers (A4 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I	(A) (A) (B) (CAT) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (A15) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Mi Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) face (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pro No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P.S.T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No	Histol (A1) Histol (A1) Histol (A1) Histol (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6) Dark Surface (C7) (If observed):	(A) (A) (B) (CAT) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (A15) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Mi Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) face (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	Histol (A1) Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A) Strattfied Layers (A4 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I	(A) (A) (B) (CAT) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (A15) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Mi Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) face (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pro No	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No	Histol (A1) Histol (A1) Histol (A1) Histol (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6) Dark Surface (C7) (If observed):	(A) (A) (B) (CAT) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (A15) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Mi Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) face (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No	Histol (A1) Histor Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Icm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (If r (if observed): None	(A) (A) (B) (CAT) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (A15) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Mi Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) face (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No	Histol (A1) Histor Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Icm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (If r (if observed): None	(A) (A) (B) (CAT) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (A15) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Mi Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) face (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic No	Histol (A1) Histor Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Icm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (If r (if observed): None	(A) (A) (B) (CAT) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (A15) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Mi Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) face (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No	Histol (A1) Histor Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Icm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (If r (if observed): None	) (A4) (b) (CARR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (A15) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Mi Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) face (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No	Histol (A1) Histor Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Icm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (If r (if observed): None	) (A4) (b) (CARR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (A15) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Mi Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) face (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No	Histol (A1) Histor Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Icm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (If r (if observed): None	) (A4) (b) (CARR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (A15) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Mi Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) face (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No	Histol (A1) Histor Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Icm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (If r (if observed): None	) (A4) (b) (CARR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (A15) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Mi Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) face (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No	Histol (A1) Histor Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Icm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (If r (if observed): None	) (A4) (b) (CARR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (A15) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Mi Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) face (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No	Histol (A1) Histor Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Icm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (If r (if observed): None	) (A4) (b) (CARR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (A15) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Mi Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) face (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No	Histol (A1) Histor Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Icm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (If r (if observed): None	) (A4) (b) (CARR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (A15) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Mi Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) face (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No	Histol (A1) Histor Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Icm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (If r (if observed): None	) (A4) (b) (CARR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (A15) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below St. Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Math Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Mi Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) face (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)

VEGETATION					SAMPLING POINT	10
Tree Stratum	Plot Size: 30'	Absolute %	Dominant	Indicator Status	Dominance Test Worksheet:	-
Quercus nigra		Cover 40	Species Yes	FAC	Number of Dominant Species That (A): are OBL, FACW, or FAC 2	
Pinus elliottii		5	No	FACW	Tatal Nameh on of Danis and On a size	
					Total Number of Dominant Species Across All Strata 4	
				-	Percent of Dominant Species (A/B): That Are OBL, FACW, or FAC 50.00%	6
					<u></u>	
					-	
					Prevalence Index Worksheet:	
	= Total Cover	50/20 TI 50%	hreshold of Total Cover =	22.5	Total % Cover of: Multiply	
		20%	of Total Cover =		OBL x1=	
Sapling Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status	FACW x2= FAC x3=	
None		0010.	Сросис		FACU x4=	
					UPL x5= A Totals B	
					Prevalence Index (B/A)= Hydrophytic Vegetation Indicators:	
				<u> </u>	Rapid Test for Hydrophytic Veg: No	
					Dominance Test > 50%: No Prevalence Index is ≤3.0: N/A	
					Prevalence Index is ≤3.0: N/A  Problematic Hydrophytic Veg: No	
	0 - Tatal 0	50/20 TI	hroshold		Definitions of Vegetation Strata:	
	0 = Total Cover		o of Total Cover =	0	Tree - Woody plants, excluding woody vines, approxima	ately 20'
			of Total Cover =	0	or more in height and 3" or larger in DBH.	,
Shrub Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status		
Broussonetia papyrifera		10	Yes	FACU	Sapling - Woody plants, excluding woody vines, approx	kimately
					20' or more in height and less than 3" in DBH.	
					1	
					Shrub - Woody plants, excluding woody vines, approxir	mately 3-
					20' in height.	
					Herb - All herbaceous plants, including herbaceous vine	
					regardless of size. Includes woody plants, except woody less than approximately 3' in height.	y vines,
	10 = Total Cover	50/20 Ti	brookold			
-			of Total Cover =	5	Woody vine - All woody vines, regardless of height.	
		Absolute %	of Total Cover =	2	Remarks:	
Herb Stratum	Plot Size: 30'	Cover	Species	Indicator Status	Nemarks.	
Broussonetia papyrifera		10	Yes	FACU		
					<u> </u>	
					4	
					1	
					1	
					+	
	10 = Total Cover	50/20 Ti	hreshold			
	10.001	50%	of Total Cover =			
Woody Vine		Absolute %	of Total Cover =		4	
Stratum	Plot Size: 30'	Cover	Species	Indicator Status		
Toxicodendron radicans	:	40	Yes	FAC	-	
				<u></u>	<u> </u>	
					4	
				1	4	
					-	
				<u> </u>		
	40 = Total Cover	50/20 Ti	hreshold		Hydrophytic Vegetation Present?	
	= 10tal Covel		of Total Cover =	20	No	
		20%	of Total Cover =	8		

Project/Site:	I-10: LA 415 to Es	sen Lane on I-10 an	d I-12	Parish: East Bator	n Rouge	Sampling Date:	6/26/2017
Applicant/Owner:	Louisiana Department	of Transportation and D	evelopment	State: Louisiana		Sampling Point:	11
Investigator(s):	Taylor Simoneaux	, Tim Kimmel		Section, Township	o, Range:	Section 53, Towns	ship 7 South, Range 1 West
Landform (hillslope	e, terrace, etc.):	Flat			Local Relief (concave,	, convex, none): No	one Slope: 8-30%
Subregion (LRR or	r MLRA):	LRR P	Lat: 30.427980°		Long: -91.169003°	·	Datum: NAD83
Soil Map Unit Nam		Feliciana silt loam				NWI Classification	
		the site typical for t	his time of year?	Yes (If no exr	olain in Remarks)		
Are Vegetation	•	or Hydrology	significantly distur	, ,	Are "Normal Circumst	ances" present?	Yes
Are Vegetation		or Hydrology	_ naturally problema				
		or Hydrology	_ naturally problema	IIIC? INO	(If needed, explain any	y answers in Rema	iks.)
SUMMARY OF FI				ı			
Hydrophytic Veget			lo				
Hydric Soil Presen			lo	is the Sampled A	rea within a Wetland?	•	No
Wetland Hydrology	y Present?	N	lo				
Remarks:				=			
HYDROLOGY							
Wetland Hydrolog	av Indiaatora					Secondary Indicat	ara (Noad 2):
						•	Surface Soil Cracked (B6)
Primary Indicators	` '	`		W-4 04 1	(DO)	No No	• ' '
No	Surface Water (A1	,	No	Water Stained Lea	, ,	No	Sparsely Veg. Concave Surface (B8)
No	High Water Table	(A2)	No	Aquatic Fauna (B	,	No	Drainage Patterns (B10)
No	Saturation (A3)		No	Marl Deposits (B1	5) (LRR U)	No	Moss Trim Lines (B16)
No	Water Marks (B1)		No	Hydrogen Sulfide	Odor (C1)	No	Dry-Season Water Table (C2)
No	Sediment Deposits	s (B2)	No	Oxidized Root Ch	nannels (C3)	No	Crayfish Burrows (C8)
No	Drift Deposits (B3)		No	Presence of Redu	ced Iron (C4)	No	Saturation on Aerial Imagery (C9)
No	Algal Mat or Crust		No	Recent Reduct. in	, ,	No	Geomorphic Position (D2)
No	Iron Deposits (B5)	()	No	Thin Muck Surfac	, ,	No	Shallow Aquitard (D3)
		al Imagent (D7)			• •		• ' '
No	Inundation on Aeri	ai illiagely (br)	No	Other (Explain in	Remarks)	No	FAC-Neutral Test (D5)
						No	Sphagnum Moss (D8) (LRR T, U)
Field Observation							
Surface Water Pre		None	Depth (inches):	N/A		Wetland Hydrolo	gy Present?
Water table Prese	nt?	None	Depth (inches):	N/A			No
Saturation Present	1?	None	Depth (inches):	N/A			<u> </u>
Remarks:							
SOIL							
	M	-Aul.	ı	Dada	. Faatuusa		Tavrtuna
Depth		atrix			x Features		Texture
Inches	Color	%	Color	%	Туре	Location	
	10YR 5/4	95	10VD 5/6		С		
0-16	10111 3/4		10YR 5/6	5	Ü	M	silt loam
0-16	1011(3/4	00	10110 3/0	5	Ü	IVI	Silt Idaili
0-16	10110 3/4		10110 3/0	5		IVI	SILIOAIII
0-16	10110374		10110 370	5	<u> </u>	IVI	Silt IOalli
0-16	101113/4		10111 3/0	3		IVI	Sittoani
0-16	101110314		10110 3/0	3		IVI	SILLIOUIT
0-16	101103/4		10110 3/0	3		IVI	Silt IOdili
		RM=Reduced Matr				Location: PL=Pore	
Type: C=Concentr	ation, D=Depletion,					Location: PL=Pore	E Lining, M=Matrix
Type: C=Concentr	ation, D=Depletion,		ix, CS=Covered or	Coated Sand Grain	S	Location: PL=Pore	E Lining, M=Matrix  Oblematic Soils:
Type: C=Concentr <b>Hydric Soil Indica</b> No	ation, D=Depletion, ators: Histol (A1)	RM=Reduced Matr	ix, CS=Covered or	Coated Sand Grain	rface (S8) (LRR S,T,U)	Location: PL=Pore	E Lining, M=Matrix  Display to the state of
Type: C=Concentr  Hydric Soil Indica  No  No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2)	RM=Reduced Matr	ix, CS=Covered or	Coated Sand Grair Polyvalue Below Su Thin Dark Surface (	rface (S8) (LRR S,T,U) S9) (LRR S,T,U)	Location: PL=Pore	E Lining, M=Matrix  Delematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)
Type: C=Concentr <b>Hydric Soil Indica</b> No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3)	RM=Reduced Matr	ix, CS=Covered or	Coated Sand Grain Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O)	Location: PL=Pore	E Lining, M=Matrix  Display to the state of
Type: C=Concentr  Hydric Soil Indica  No  No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2)	RM=Reduced Matr	ix, CS=Covered or  No  No	Coated Sand Grair Polyvalue Below Su Thin Dark Surface (	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O)	Location: PL=Pore Indicators for Pro	E Lining, M=Matrix  Delematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)
Type: C=Concentr  Hydric Soil Indica  No  No  No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3)	RM=Reduced Matr	ix, CS=Covered or  No No No	Coated Sand Grain Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) a1 (F1) (LRR (O) ix (F2)	Location: PL=Pore Indicators for Pro No No No	b Lining, M=Matrix  bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)
Type: C=Concentr  Hydric Soil Indica  No  No  No  No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A	RM=Reduced Matr	No No No	Coated Sand Grain Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2)	Location: PL=Pore Indicators for Pro No No No No	Lining, M=Matrix  bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)
Type: C=Concentr  Hydric Soil Indica  No  No  No  No  No  No  No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6)	RM=Reduced Matr 4) ) (LRR P,T,U)	No No No No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) b (F6)	Location: PL=Pore  Indicators for Pro  No  No  No  No  No  No  No	blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2)
Type: C=Concentr  Hydric Soil Indica  No  No  No  No  No  No  No  No  No  N	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral	RM=Reduced Mate  4) ) (LRR P,T,U) (A7) (LRR P,T,U)	No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matt Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) ) (F6) ace (F7)	Location: PL=Pore  Indicators for Pro  No  No  No  No  No  No  No  No  No	blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral I Muck Presence (A8)	RM=Reduced Matr  4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U)	ix, CS=Covered or  No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Surface	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) ) (F6) ace (F7)	Location: PL=Pore  Indicators for Pro  No  No  No  No  No  No  No	blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2)
Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) Scm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR	RM=Reduced Matr  4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) 301 (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8)	Location: PL=Pore  Indicators for Pro  No  No  No  No  No  No  No  No  No	blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
Type: C=Concentr  Hydric Soil Indica  No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Corganic Bodies (A6) 5cm Mucky Mineral al Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dari	RM=Reduced Matr  4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minet Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ix (F2) ix (F3) ix (F6) ix (F8) ix (F8) ix (F8) ix (MLRA 151)	Location: PL=Pore  Indicators for Pro  No  No  No  No  No  No  No  No  No	blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral I Muck Presence (AB Depleted Below Darl Thick Dark Surface (	RM=Reduced Matr  4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T,U S Ourface (A11) A12)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) b) c (F6) ace (F7) (F8) 1) (MLRA 151) asses (F12) (LRR O,P,T)	Location: PL=Pore  Indicators for Pro  No  No  No  No  No  No  No  No  No	blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion,  ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox	RM=Reduced Mate  4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) A12) (A16) (MLRA 150A)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mirnel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Grif Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) rfal (F1) (LRR (O) ix (F2) ) (F8) rface (F7) (F8) rface	Location: PL=Pore  Indicators for Pro  No  No  No  No  No  No  No  No  No	blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral	RM=Reduced Matr 4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LRR U) (LRR U) (LRR U) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) rfal (F1) (LRR (O) ix (F2) ) (F8) rface (F7) (F8) rface	Location: PL=Pore  Indicators for Pro  No  No  No  No  No  No  No  No  No	blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion,  ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox	RM=Reduced Matr 4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LRR U) (LRR U) (LRR U) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minei Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) (	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) rfal (F1) (LRR (O) ix (F2) ) (F8) rface (F7) (F8) rface	Location: PL=Pore  Indicators for Pro  No  No  No  No  No  No  No  No  No	blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral	RM=Reduced Matr 4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LRR U) (LRR U) (LRR U) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minel Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S99 (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) ssess (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151)	Location: PL=Pore Indicators for Pro No	blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dari Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix	RM=Reduced Matr 4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LRR U) (LRR U) (LRR U) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) ( Reduced Vertic (F1:	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 5) (MLRA 150B) a Soils (F19) (MLRA 149A	Location: PL=Pore Indicators for Pro No	blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hlydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral I Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6)	A) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LR P,T,U) (LRR U) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) ( Reduced Vertic (F1:	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) 31 (F1) (LRR (O) 1x (F2) 1) (F6) 10 (CF8) 11) (MLRA 151) 11) (MLRA 151) 12 (SESES (F12) (LRR O,P,T) 13) (LRR P, T, U) 14) (MLRA 151) 15) (MLRA 150A, 150B)	Location: PL=Pore Indicators for Pro No	blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral i Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dari Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L	A) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LR P,T,U) (LRR U) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) ( Reduced Vertic (F1:	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 5) (MLRA 150B) a Soils (F19) (MLRA 149A	Location: PL=Pore Indicators for Pro No	blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) Scm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (If observed):	A) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LR P,T,U) (LRR U) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) ( Reduced Vertic (F1:	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 5) (MLRA 150B) a Soils (F19) (MLRA 149A	Indicators for Pro No	E Lining, M=Matrix  Discrete Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Type: C=Concentr  Hydric Soil Indica  No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral I Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redox Sandy Mucky Minera Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (if observed): None	A) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LR P,T,U) (LRR U) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) ( Reduced Vertic (F1:	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 5) (MLRA 150B) a Soils (F19) (MLRA 149A	Location: PL=Pore Indicators for Pro No	E Lining, M=Matrix  Soblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) Scm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (If observed):	A) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LR P,T,U) (LRR U) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) ( Reduced Vertic (F1:	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 5) (MLRA 150B) a Soils (F19) (MLRA 149A	Indicators for Pro No	E Lining, M=Matrix  Discrete Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral I Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redox Sandy Mucky Minera Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (if observed): None	A) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LR P,T,U) (LRR U) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) ( Reduced Vertic (F1:	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 5) (MLRA 150B) a Soils (F19) (MLRA 149A	Indicators for Pro No	E Lining, M=Matrix  Soblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral I Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redox Sandy Mucky Minera Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (if observed): None	A) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LR P,T,U) (LRR U) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) ( Reduced Vertic (F1:	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 5) (MLRA 150B) a Soils (F19) (MLRA 149A	Indicators for Pro No	E Lining, M=Matrix  Soblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral I Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redox Sandy Mucky Minera Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (if observed): None	A) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LR P,T,U) (LRR U) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) ( Reduced Vertic (F1:	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 5) (MLRA 450A, 150B) a Soils (F19) (MLRA 149A	Indicators for Pro No	E Lining, M=Matrix  Soblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral I Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redox Sandy Mucky Minera Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (if observed): None	A) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LR P,T,U) (LRR U) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) ( Reduced Vertic (F1:	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 5) (MLRA 450A, 150B) a Soils (F19) (MLRA 149A	Indicators for Pro No	E Lining, M=Matrix  Soblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral I Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redox Sandy Mucky Minera Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (if observed): None	A) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LR P,T,U) (LRR U) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) ( Reduced Vertic (F1:	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 5) (MLRA 450A, 150B) a Soils (F19) (MLRA 149A	Indicators for Pro No	E Lining, M=Matrix  Soblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral I Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redox Sandy Mucky Minera Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (if observed): None	A) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LR P,T,U) (LRR U) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) ( Reduced Vertic (F1:	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 5) (MLRA 450A, 150B) a Soils (F19) (MLRA 149A	Indicators for Pro No	E Lining, M=Matrix  Soblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral I Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redox Sandy Mucky Minera Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (if observed): None	A) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LR P,T,U) (LRR U) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) ( Reduced Vertic (F1:	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 5) (MLRA 450A, 150B) a Soils (F19) (MLRA 149A	Indicators for Pro No	E Lining, M=Matrix  Soblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral I Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redox Sandy Mucky Minera Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (if observed): None	A) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LR P,T,U) (LRR U) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) ( Reduced Vertic (F1:	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 5) (MLRA 450A, 150B) a Soils (F19) (MLRA 149A	Indicators for Pro No	E Lining, M=Matrix  Soblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral I Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redox Sandy Mucky Minera Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (if observed): None	A) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LR P,T,U) (LRR U) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) ( Reduced Vertic (F1:	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 5) (MLRA 450A, 150B) a Soils (F19) (MLRA 149A	Indicators for Pro No	E Lining, M=Matrix  Soblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)

VEGETATION SAMPLING POINT Absolute % Dominant Dominance Test Worksheet: Tree Stratum Plot Size: 30 Indicator Status Number of Dominant Species That Cover Species (A): None are OBL, FACW, or FAC Total Number of Dominant Species Across All Strata Percent of Dominant Species (A/B): That Are OBL, FACW, or FAC 0.00% Prevalence Index Worksheet: = Total Cover 50/20 Threshold 0 Multiply Total % Cover of: 50% of Total Cover = 0 20% of Total Cover = OBL x1= Dominant FACW x2= Plot Size: 30' Sapling Stratum Indicator Status Cover Species FAC x3= FACU x4= None UPL x5= A Totals В 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: 0 50/20 Threshold = Total Cover 50% of Total Cover = 0 Tree - Woody plants, excluding woody vines, approximately 20' 20% of Total Cover = or more in height and 3" or larger in DBH. Dominant Plot Size: 30' Shrub Stratum Indicator Status Cover Species None 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. 50/20 Threshold 0 = Total Cover 50% of Total Cover = 0 Woody vine - All woody vines, regardless of height. 20% of Total Cover = Dominant Remarks: Plot Size: 30' Indicator Status Herb Stratum Cover Species Paspalum notatum FACU 90 Yes Trifolium repens No FACU 50/20 Threshold 95 = Total Cover 50% of Total Cover = 47.5 20% of Total Cover = Woody Vine Absolute % Dominant Plot Size: 30' Indicator Status Stratum Cover Species None 0 = Total Cover 50/20 Threshold Hydrophytic Vegetation Present? 50% of Total Cover = 0 No 20% of Total Cover = 0

							0/00/00/1=
Project/Site:	I-10: LA 415 to Es	sen Lane on I-10 an	d I-12	Parish: East Baton	Rouge	Sampling Date:	6/26/2017
Applicant/Owner:	Louisiana Department	of Transportation and D	evelopment	State: Louisiana		Sampling Point:	12
					D		
Investigator(s):	Taylor Simoneaux			Section, Township			ship 7 South, Range 1 West
Landform (hillslope	e, terrace, etc.):	Flat			Local Relief (concave	, convex, none): No	one Slope: 0-1%
Subregion (LRR o		LRR P	Lat: 30.429702°		Long: -91.173623°		Datum: NAD83
			Lat. 30.423702		Long91.173023		
Soil Map Unit Nam	ne:	Oprairie silt				NWI Classification	i: None
Are climatic / hydro	ologic conditions or	the site typical for t	his time of year?	Yes (If no eyn	ain in Remarks)		
Are Vegetation	, Soil,	or Hydrology	significantly distu	rbed? No	Are "Normal Circumst		Yes
Are Vegetation	, Soil ,	or Hydrology	naturally problem	atic? No	(If needed, explain an	v answers in Rema	rks )
		5yu.s.eg/	atarany problem	4	(II III Oddau, explain all	, anonoro r toma	11101)
SUMMARY OF FI	INDINGS						
Hydrophytic Veget	tation Present?		lo				
Hydric Soil Preser	nt?	l l	lo	is the Sampled Al	ea within a Wetland	•	No
Wetland Hydrolog	v Present?	N	lo				
	,						
Remarks:							
HYDROLOGY							
	lll4					0	(N10):
Wetland Hydrolo	gy indicators					Secondary Indicat	ors (Need 2):
Primary Indicators	(Need 1):					No	Surface Soil Cracked (B6)
		\	NI-	Mates Ctained Lea	(DO)		• • • • • • • • • • • • • • • • • • • •
No	Surface Water (A1	,	No	Water Stained Lea	, ,	No	Sparsely Veg. Concave Surface (B8)
No	High Water Table	(A2)	No	Aquatic Fauna (B1	3)	No	Drainage Patterns (B10)
		` ,			,		Moss Trim Lines (B16)
No	Saturation (A3)		No	Marl Deposits (B15		No	• '
No	Water Marks (B1)		No	Hydrogen Sulfide (	Odor (C1)	No	Dry-Season Water Table (C2)
No	Sediment Deposits	(R2)	No	Oxidized Root Cha		No	Crayfish Burrows (C8)
No	Drift Deposits (B3)		No	Presence of Reduc	ced Iron (C4)	No	Saturation on Aerial Imagery (C9)
No	Algal Mat or Crust	(B4)	No	Recent Reduct. in	Tilled Soils (C6)	No	Geomorphic Position (D2)
	_	(- ')			` '		
No	Iron Deposits (B5)		No	Thin Muck Surface	(C7)	No	Shallow Aquitard (D3)
No	Inundation on Aeri	al Imagery (R7)	No	Other (Explain in F	* '	No	FAC-Neutral Test (D5)
INU	unuauon on Aen	ar imagery (D1)	INU		omarks)		
						No	Sphagnum Moss (D8) (LRR T, U)
Field Observation	ns.						
							<b>D</b> 10
Surface Water Pre	esent?	None	Depth (inches):	N/A		Wetland Hydrolo	gy Present?
Water table Prese	nt?	None	Depth (inches):	N/A			No
Saturation Present	IL?	None	Depth (inches):	N/A			
Remarks:							
SOIL							
Depth	M:	atrix		Redox	Features		Texture
1							Texture
Inches	Color	%	Color	%	Type	Location	
			+				
	10VR 4/2	100					silt loam
0-4	10YR 4/2	100					silt loam
	10YR 4/2 10YR 5/4	100 100					silt loam silt loam
0-4							
0-4							
0-4							
0-4							
0-4							
0-4							
0-4							
0-4 4-16	10YR 5/4	100					silt loam
0-4 4-16	10YR 5/4	100	ix, CS=Covered or	Coated Sand Grains	3	Location: PL=Pore	
0-4 4-16	10YR 5/4	100	ix, CS=Covered or	Coated Sand Grains	3	Location: PL=Pore	silt loam
0-4 4-16 Type: C=Concentr	10YR 5/4	100	ix, CS=Covered or	Coated Sand Grains	3		silt loam
0-4 4-16  Type: C=Concentr  Hydric Soil Indica	10YR 5/4 ration, D=Depletion	100	ix, CS=Covered or			Indicators for Pro	silt loam  silt loam  Lining, M=Matrix  bilematic Soils:
0-4 4-16 Type: C=Concentr	10YR 5/4	100	ix, CS=Covered or		S face (S8) (LRR S,T,U)		silt loam
0-4 4-16  Type: C=Concentr  Hydric Soil Indica	10YR 5/4  10YR 5/4  ration, D=Depletion  ators:  Histol (A1)	100 RM=Reduced Mate	No	Polyvalue Below Sur	face (S8) (LRR S,T,U)	Indicators for Pro	silt loam  Lining, M=Matrix  blematic Soils:  1cm Muck (A9) (LRR O)
0-4 4-16  Type: C=Concentr  Hydric Soil Indica  No No	ators: Histol (A1) Histic Epipedon (A2)	100 RM=Reduced Mate	No No	Polyvalue Below Sur Thin Dark Surface (S	face (S8) (LRR S,T,U) 9) (LRR S,T,U)	Indicators for Pro	silt loam  Lining, M=Matrix  bilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)
0-4 4-16  Type: C=Concentr  Hydric Soil Indica	10YR 5/4  10YR 5/4  ration, D=Depletion  ators:  Histol (A1)	100 RM=Reduced Mate	No	Polyvalue Below Sur	face (S8) (LRR S,T,U) 9) (LRR S,T,U)	Indicators for Pro	silt loam  Lining, M=Matrix  blematic Soils:  1cm Muck (A9) (LRR O)
0-4 4-16  Type: C=Concentr  Hydric Soil Indica No No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3)	100 RM=Reduced Matr	No No No	Polyvalue Below Sur Thin Dark Surface (S Loamy Mucky Minera	face (S8) (LRR S,T,U) (9) (LRR S,T,U) al (F1) (LRR (O)	Indicators for Pro	silt loam  Lining, M=Matrix  bilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)
0-4 4-16  Type: C=Concentr  Hydric Soil Indica No No No	ation, D=Depletion ators: Histol (A1) Histole Epipedon (A2) Black Histole (A3) Hydrogen Sulfide (A	100 RM=Reduced Mate	No No No No	Polyvalue Below Sur Thin Dark Surface (S Loamy Mucky Minera Loamy Gleyed Matrix	face (S8) (LRR S,T,U) (9) (LRR S,T,U) al (F1) (LRR (O)	Indicators for Pro	silt loam  Lining, M=Matrix  bilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)
0-4 4-16  Type: C=Concentr  Hydric Soil Indica No No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5	RM=Reduced Mate	No No No	Polyvalue Below Sur Thin Dark Surface (S Loamy Mucky Minera Loamy Gleyed Matrix Depleted Matrix (F3)	face (S8) (LRR S,T,U) 9) (LRR S,T,U) al (F1) (LRR (O) c (F2)	Indicators for Pro	silt loam  Lining, M=Matrix  bilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)
0-4 4-16  Type: C=Concentr  Hydric Soil Indica No No No No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5	RM=Reduced Mate	No No No No	Polyvalue Below Sur Thin Dark Surface (S Loamy Mucky Minera Loamy Gleyed Matrix	face (S8) (LRR S,T,U) 9) (LRR S,T,U) al (F1) (LRR (O) c (F2)	Indicators for Pro	silt loam  Lining, M=Matrix  blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)
0-4 4-16  Type: C=Concentr  Hydric Soil Indica No No No No No No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6)	RM=Reduced Mate	No No No No No	Polyvalue Below Sur Thin Dark Surface (S Loamy Mucky Minera Loamy Gleyed Matrix Depleted Matrix (F3) Redox Dark Surface	face (S8) (LRR S,T,U) (LRR S,T,U) al (F1) (LRR (O) (F2)	Indicators for Pro	silt loam  Lining, M=Matrix  blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)
0-4 4-16  Type: C=Concentr  Hydric Soil Indica No No No No No No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral	A) ) (LRR P,T,U) (A7) (LRR P,T,U)	No No No No	Polyvalue Below Sur Thin Dark Surface (S Loamy Mucky Minera Loamy Gleyed Matrix Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surface	face (S8) (LRR S,T,U) 9) (LRR S,T,U) al (F1) (LRR (O) c (F2) (F6) ce (F7)	Indicators for Pro	silt loam  Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  coblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
0-4 4-16  Type: C=Concentr  Hydric Soil Indica No No No No No No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6)	A) ) (LRR P,T,U) (A7) (LRR P,T,U)	No No No No No No	Polyvalue Below Sur Thin Dark Surface (S Loamy Mucky Minera Loamy Gleyed Matrix Depleted Matrix (F3) Redox Dark Surface	face (S8) (LRR S,T,U) 9) (LRR S,T,U) al (F1) (LRR (O) c (F2) (F6) ce (F7)	Indicators for Pro	silt loam  Lining, M=Matrix  blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)
0-4 4-16  Type: C=Concentr  Hydric Soil Indica No	ators: Histo (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8)	100  RM=Reduced Mate  4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U)	No No No No No No	Polyvalue Below Sur Thin Dark Surface (S Loamy Mucky Minera Loamy Gleyed Matrix Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions	face (S8) (LRR S,T,U) 9) (LRR S,T,U) al (F1) (LRR (O) c (F2) (F6) ce (F7)	Indicators for Pro	silt loam  Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  coblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
0-4 4-16  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR	100  RM=Reduced Mate  4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T)	No No No No No No No	Polyvalue Below Sur Thin Dark Surface (S Loamy Mucky Miners Loamy Gleyed Matrix Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surface Redox Depressions : Marl (F10) (LRR U)	face (S8) (LRR S,T,U) 9) (LRR S,T,U) al (F1) (LRR (O) c (F2) (F6) be (F7) F8)	Indicators for Pro	silt loam  Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  coblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
0-4 4-16  Type: C=Concentr  Hydric Soil Indica No	ators: Histo (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8)	100  RM=Reduced Mate  4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T)	No No No No No No No	Polyvalue Below Sur Thin Dark Surface (S Loamy Mucky Minera Loamy Gleyed Matrix Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions	face (S8) (LRR S,T,U) 9) (LRR S,T,U) al (F1) (LRR (O) c (F2) (F6) be (F7) F8)	Indicators for Pro	silt loam  Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  coblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
0-4 4-16  Type: C=Concentr  Hydric Soil Indica No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) Icm Muck (A9) (LR Depleted Below Dar	100  RM=Reduced Mate  4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11)	No	Polyvalue Below Sur Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matrix Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions (Marl (F10) (LRR U) Depleted Ochric (F1	face (S8) (LRR S,T,U) 9) (LRR S,T,U) al (F1) (LRR (O) c (F2) (F6) be (F7) F8)	Indicators for Pro	silt loam  Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  coblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
O-4 4-16  Type: C=Concentr  Hydric Soil Indica No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) Icm Muck (A9) (IR Depleted Below Dar	4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RP,T) (LRR U) (RP,T) (LRR U)	No N	Polyvalue Below Sur Thin Dark Surface (S Loamy Mucky Minera Loamy Gleyed Matrix Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions I Marl (F10) (LRR U) Depleted Ochric (F1: Iron-Manganese Mat	face (S8) (LRR S,T,U) 9) (LRR S,T,U) al (F1) (LRR (O) c (F2) (F6) be (F7) F8) 1) (MLRA 151) sses (F12) (LRR O,P,T)	Indicators for Pro	silt loam  Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  coblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
0-4 4-16  Type: C=Concentr  Hydric Soil Indica No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) Icm Muck (A9) (IR Depleted Below Dar	100  RM=Reduced Mate  4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11)	No	Polyvalue Below Sur Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matrix Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions (Marl (F10) (LRR U) Depleted Ochric (F1	face (S8) (LRR S,T,U) 9) (LRR S,T,U) al (F1) (LRR (O) c (F2) (F6) be (F7) F8) 1) (MLRA 151) sses (F12) (LRR O,P,T)	Indicators for Pro	silt loam  Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  coblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
0-4 4-16  Type: C=Concentr  Hydric Soil Indica No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface (Coast Prairie Redox	100  RM=Reduced Mate  4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) A12) (A16) (MLRA 150A)	No N	Polyvalue Below Sur Thin Dark Surface (S Loamy Mucky Minera Loamy Gleyed Matrix Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1' Iron-Manganese Max Umbric Surface (F13	face (S8) (LRR S,T,U) (S9) (LRR S,T,U) (A) (A) (A) (A) (A) (B) (B) (B) (B) (B) (B) (B) (B) (B) (B	Indicators for Pro	silt loam  Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  coblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
0-4 4-16  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral	100  RM=Reduced Mate  4)  ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LRR U) (LRR U) (LRR U) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S)	No N	Polyvalue Below Sur Thin Dark Surface (S Loamy Mucky Minera Loamy Gleyed Matrix Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Mas Umbric Surface (F13 Delta Ochric (F17) (I	face (S8) (LRR S,T,U) (S9) (LRR S,T,U) (A) (A) (A) (A) (B) (B) (B) (B) (B) (B) (B) (B) (B) (B	Indicators for Pro	silt loam  Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  coblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
0-4 4-16  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix	100  RM=Reduced Mate  4)  ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LRR U) (LRR U) (LRR U) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S)	No N	Polyvalue Below Sur Thin Dark Surface (S Loamy Mucky Minera Loamy Gleyed Matrix Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Mas Umbric Surface (F13 Delta Ochric (F17) (I	face (S8) (LRR S,T,U) (S9) (LRR S,T,U) (A) (A) (A) (A) (A) (B) (B) (B) (B) (B) (B) (B) (B) (B) (B	Indicators for Pro	silt loam  Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  coblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
0-4 4-16  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral	100  RM=Reduced Mate  4)  ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LRR U) (LRR U) (LRR U) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S)	No N	Polyvalue Below Sur Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matrix Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions I Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Mat Umbric Surface (F13) Delta Ochric (F17) (I Reduced Vertic (F18)	face (S8) (LRR S,T,U) 9) (LRR S,T,U) al (F1) (LRR (O) c (F2) (F6) be (F7) F8) i) (MLRA 151) sses (F12) (LRR O,P,T) ) (LRR P, T, U) MLRA 151) ) (MLRA 150A, 150B)	No N	silt loam  Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  coblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
O-4 4-16  Type: C=Concentr  Hydric Soil Indica No	ators: Histol (A1) Histo Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matris Sandy Redox (S5)	100  RM=Reduced Mate  4)  ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (LRR U) (LRR U) (LRR U) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S)	No	Polyvalue Below Sur Thin Dark Surface (S Loamy Mucky Minera Loamy Gleyed Matrix Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions I Marl (F10) (LRR U) Depleted Ochric (F1' Iron-Manganese Mas Umbric Surface (F13 Delta Ochric (F17) (I Reduced Vertic (F18 Piedmont Floodplain	face (S8) (LRR S,T,U) 9) (LRR S,T,U) al (F1) (LRR (O) c (F2) (F6) be (F7) F8) i) (MLRA 151) ses (F12) (LRR O,P,T) ) (LRR P, T, U) MLRA 150A, 150B) Soils (F19) (MLRA 149)	Indicators for Pro	silt loam  Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  coblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
0-4 4-16  Type: C=Concentr  Hydric Soil Indica No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6)	4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (A7) (LRR D,T,U) (LRR U) (A12) (A16) (MLRA 150A) (A16) (MLRA 0,S) (CS4)	No N	Polyvalue Below Sur Thin Dark Surface (S Loamy Mucky Minera Loamy Gleyed Matrix Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions I Marl (F10) (LRR U) Depleted Ochric (F1' Iron-Manganese Mas Umbric Surface (F13 Delta Ochric (F17) (I Reduced Vertic (F18 Piedmont Floodplain	face (S8) (LRR S,T,U) 9) (LRR S,T,U) al (F1) (LRR (O) c (F2) (F6) be (F7) F8) i) (MLRA 151) sses (F12) (LRR O,P,T) ) (LRR P, T, U) MLRA 151) ) (MLRA 150A, 150B)	Indicators for Pro	silt loam  Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  coblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
0-4 4-16  Type: C=Concentr  Hydric Soil Indica No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6)	4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (A7) (LRR D,T,U) (LRR U) (A12) (A16) (MLRA 150A) (A16) (MLRA 0,S) (CS4)	No	Polyvalue Below Sur Thin Dark Surface (S Loamy Mucky Minera Loamy Gleyed Matrix Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions I Marl (F10) (LRR U) Depleted Ochric (F1' Iron-Manganese Mas Umbric Surface (F13 Delta Ochric (F17) (I Reduced Vertic (F18 Piedmont Floodplain	face (S8) (LRR S,T,U) 9) (LRR S,T,U) al (F1) (LRR (O) c (F2) (F6) be (F7) F8) i) (MLRA 151) ses (F12) (LRR O,P,T) ) (LRR P, T, U) MLRA 150A, 150B) Soils (F19) (MLRA 149)	Indicators for Pro	silt loam  Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  coblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
0-4 4-16  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Miners Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I	4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (A7) (LRR D,T,U) (LRR U) (A12) (A16) (MLRA 150A) (A16) (MLRA 0,S) (CS4)	No	Polyvalue Below Sur Thin Dark Surface (S Loamy Mucky Minera Loamy Gleyed Matrix Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions I Marl (F10) (LRR U) Depleted Ochric (F1' Iron-Manganese Mas Umbric Surface (F13 Delta Ochric (F17) (I Reduced Vertic (F18 Piedmont Floodplain	face (S8) (LRR S,T,U) 9) (LRR S,T,U) al (F1) (LRR (O) c (F2) (F6) be (F7) F8) i) (MLRA 151) ses (F12) (LRR O,P,T) ) (LRR P, T, U) MLRA 150A, 150B) Soils (F19) (MLRA 149)	Indicators for Pro	silt loam  Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  ble Lining, M=Matrix  coblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
0-4 4-16  Type: C=Concentr  Hydric Soil Indica No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface (Coast Prairie Redox Sandy Mucky Minera Sandy Gleyed Matrix Sandy Redox (S5) Dark Surface (S7) (Ir (If observed):	4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (A7) (LRR D,T,U) (LRR U) (A12) (A16) (MLRA 150A) (A16) (MLRA 0,S) (CS4)	No	Polyvalue Below Sur Thin Dark Surface (S Loamy Mucky Minera Loamy Gleyed Matrix Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions I Marl (F10) (LRR U) Depleted Ochric (F1' Iron-Manganese Mas Umbric Surface (F13 Delta Ochric (F17) (I Reduced Vertic (F18 Piedmont Floodplain	face (S8) (LRR S,T,U) 9) (LRR S,T,U) al (F1) (LRR (O) c (F2) (F6) be (F7) F8) i) (MLRA 151) ses (F12) (LRR O,P,T) ) (LRR P, T, U) MLRA 150A, 150B) Soils (F19) (MLRA 149)	Indicators for Pro	silt loam  Lining, M=Matrix  Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
0-4 4-16  Type: C=Concentr  Hydric Soil Indica No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface (Coast Prairie Redox Sandy Mucky Minera Sandy Gleyed Matrix Sandy Redox (S5) Dark Surface (S7) (Ir (If observed):	4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (A7) (LRR D,T,U) (LRR U) (A12) (A16) (MLRA 150A) (A16) (MLRA 0,S) (CS4)	No	Polyvalue Below Sur Thin Dark Surface (S Loamy Mucky Minera Loamy Gleyed Matrix Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions I Marl (F10) (LRR U) Depleted Ochric (F1' Iron-Manganese Mas Umbric Surface (F13 Delta Ochric (F17) (I Reduced Vertic (F18 Piedmont Floodplain	face (S8) (LRR S,T,U) 9) (LRR S,T,U) al (F1) (LRR (O) c (F2) (F6) be (F7) F8) i) (MLRA 151) ses (F12) (LRR O,P,T) ) (LRR P, T, U) MLRA 150A, 150B) Soils (F19) (MLRA 149)	Indicators for Pro	silt loam  Lining, M=Matrix  Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
0-4 4-16  Type: C=Concentr  Hydric Soil Indica No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (LI (If observed): None	4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (A7) (LRR D,T,U) (LRR U) (A12) (A16) (MLRA 150A) (A16) (MLRA 0,S) (CS4)	No	Polyvalue Below Sur Thin Dark Surface (S Loamy Mucky Minera Loamy Gleyed Matrix Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions I Marl (F10) (LRR U) Depleted Ochric (F1' Iron-Manganese Mas Umbric Surface (F13 Delta Ochric (F17) (I Reduced Vertic (F18 Piedmont Floodplain	face (S8) (LRR S,T,U) 9) (LRR S,T,U) al (F1) (LRR (O) c (F2) (F6) be (F7) F8) i) (MLRA 151) ses (F12) (LRR O,P,T) ) (LRR P, T, U) MLRA 150A, 150B) Soils (F19) (MLRA 149)	Indicators for Pro	silt loam  Lining, M=Matrix  blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
0-4 4-16  Type: C=Concentr  Hydric Soil Indica No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface (Coast Prairie Redox Sandy Mucky Minera Sandy Gleyed Matrix Sandy Redox (S5) Dark Surface (S7) (Ir (If observed):	4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (A7) (LRR D,T,U) (LRR U) (A12) (A16) (MLRA 150A) (A16) (MLRA 0,S) (CS4)	No	Polyvalue Below Sur Thin Dark Surface (S Loamy Mucky Minera Loamy Gleyed Matrix Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions I Marl (F10) (LRR U) Depleted Ochric (F1' Iron-Manganese Mas Umbric Surface (F13 Delta Ochric (F17) (I Reduced Vertic (F18 Piedmont Floodplain	face (S8) (LRR S,T,U) 9) (LRR S,T,U) al (F1) (LRR (O) c (F2) (F6) be (F7) F8) i) (MLRA 151) ses (F12) (LRR O,P,T) ) (LRR P, T, U) MLRA 150A, 150B) Soils (F19) (MLRA 149)	Indicators for Pro	silt loam  Lining, M=Matrix  Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
0-4 4-16  Type: C=Concentr  Hydric Soil Indica No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (LI (If observed): None	4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (A7) (LRR D,T,U) (LRR U) (A12) (A16) (MLRA 150A) (A16) (MLRA 0,S) (CS4)	No	Polyvalue Below Sur Thin Dark Surface (S Loamy Mucky Minera Loamy Gleyed Matrix Depleted Matrix (F3) Redox Dark Surface Depleted Dark Surfa Redox Depressions I Marl (F10) (LRR U) Depleted Ochric (F1' Iron-Manganese Mas Umbric Surface (F13 Delta Ochric (F17) (I Reduced Vertic (F18 Piedmont Floodplain	face (S8) (LRR S,T,U) 9) (LRR S,T,U) al (F1) (LRR (O) c (F2) (F6) be (F7) F8) i) (MLRA 151) ses (F12) (LRR O,P,T) ) (LRR P, T, U) MLRA 150A, 150B) Soils (F19) (MLRA 149)	Indicators for Pro	silt loam  Lining, M=Matrix  blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
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VEGETATION SAMPLING POINT 12 Absolute % Dominant Dominance Test Worksheet: Tree Stratum Plot Size: 30 Indicator Status Number of Dominant Species That Cover Species (A): None are OBL, FACW, or FAC Total Number of Dominant Species Across All Strata Percent of Dominant Species (A/B): That Are OBL, FACW, or FAC 0.00% Prevalence Index Worksheet: = Total Cover 50/20 Threshold 0 Multiply Total % Cover of: 50% of Total Cover = 0 20% of Total Cover = OBL x1= Dominant FACW x2= Plot Size: 30' Sapling Stratum Indicator Status Cover Species FAC x3= FACU x4= None UPL x5= A Totals В 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: 0 50/20 Threshold = Total Cover 50% of Total Cover = 0 Tree - Woody plants, excluding woody vines, approximately 20' 20% of Total Cover = or more in height and 3" or larger in DBH. Dominant Plot Size: 30' Shrub Stratum Indicator Status Cover Species None 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. 50/20 Threshold 0 = Total Cover 50% of Total Cover = 0 Woody vine - All woody vines, regardless of height. 20% of Total Cover = Dominant Remarks: Plot Size: 30' Indicator Status Herb Stratum Cover Species Sorghum halepense FACU 40 Yes Paspalum notatum 40 Yes FACU Trifolium repens No **FACU** 50/20 Threshold 85 = Total Cover 50% of Total Cover = 42.5 20% of Total Cover = Woody Vine Absolute % Dominant Plot Size: 30' Indicator Status Stratum Cover Species None 0 = Total Cover 50/20 Threshold Hydrophytic Vegetation Present? 50% of Total Cover = 0 No 20% of Total Cover = 0

Project/Site:	I-10: LA 415 to E	ssen Lane on I-10 ar	nd I-12	Parish: East Bate	on Rouge	Sampling Date:	6/26/2017
Applicant/Owner:	Louisiana Departmer	nt of Transportation and D	evelopment	State: Louisiana		Sampling Point:	13
Investigator(s):	Taylor Simoneau	x, Tim Kimmel		Section, Townsh	ip. Range:	Section 51, Town	ship 7 South, Range 1 West
Landform (hillslop		Flat			Local Relief (concav		
Subregion (LRR		LRR P	Lat: 30.438739	·	Long: -91.179111°	o, convex, nonej. 1	Datum: NAD83
			Lat. 30.430739		Long91.179111	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Soil Map Unit Na		Scotlandville silt				NWI Classificatio	n: None
Are climatic / hyd	rologic conditions of	on the site typical for			rplain in Remarks)		
Are Vegetation	, Soil	, or Hydrology	_ significantly distu	rbed? No	Are "Normal Circums	stances" present?	Yes
Are Vegetation_	, Soil	, or Hydrology	naturally problem	atic? No	(If needed, explain a	any answers in Rema	arks.)
SUMMARY OF F	INDINGS					•	
Hydrophytic Vege	etation Present?	-	No				
Hydric Soil Prese			No.	le the Compled	Area within a Watlana	40	Na
				is the Sampled	Area within a Wetland	ur	No
Wetland Hydrolog	gy Present?	ſ	No				
Remarks:							
HYDROLOGY							
	III					0	4 (NII O):
Wetland Hydrolo						Secondary Indica	
Primary Indicator						No	Surface Soil Cracked (B6)
No	Surface Water (A	۸1)	No	_Water Stained Le	eaves (B9)	No	_ Sparsely Veg. Concave Surface (B8)
No	High Water Table	e (A2)	No	Aquatic Fauna (E	313)	No	Drainage Patterns (B10)
No	Saturation (A3)	` '	No	Marl Deposits (B	15) (LRR U)	No	Moss Trim Lines (B16)
No	Water Marks (B1	1	No	Hydrogen Sulfide		No	Dry-Season Water Table (C2)
		•			, ,		_ · · · · · · · · · · · · · · · · · · ·
No	Sediment Deposi	, ,	No	Oxidized Root C	, ,	No	Crayfish Burrows (C8)
No	Drift Deposits (B3	,	No	Presence of Red		No	Saturation on Aerial Imagery (C9)
No	Algal Mat or Crus	st (B4)	No	Recent Reduct. i	in Tilled Soils (C6)	No	Geomorphic Position (D2)
No	Iron Deposits (B5		No	Thin Muck Surface	ce (C7)	No	Shallow Aquitard (D3)
No	Inundation on Ae		No	Other (Explain in		No	FAC-Neutral Test (D5)
INU	A	imagery (D1)	INU	- Suici (Expiaiii III			• ` ′
						No	Sphagnum Moss (D8) (LRR T, U)
Field Observation							
Surface Water Pr	esent?	None	Depth (inches):	N/A		Wetland Hydrolo	ogy Present?
Water table Pres	ent?	None	Depth (inches):	N/A			No
Saturation Prese	nt?	None	Depth (inches):	N/A			
Remarks:							
SOIL							_
Depth	N	Matrix		Red	ox Features		Texture
Inches	Color	%	Color	%	Type	Location	
N/A					1		
14// (							
Type: C=Concen	tration D=Depletion	n, RM=Reduced Mat	rix CS=Covered or	Coated Sand Grai	ins	Location: PL =Por	e Lining, M=Matrix
Type. O-Concern	tration, D-Depiction	ii, itivi–iteaacea iviat	iix, oo-ooveled of	Coated Carlo Crai	1113	Location. 1 L=1 of	C Liming, Wi-Wattix
Hudria Call India						Indicators for Dr	rahlamatia Calla.
Hydric Soil India						indicators for Pr	oblematic Soils:
No	Histol (A1)		No		Surface (S8) (LRR S,T,U)	No	1cm Muck (A9) (LRR O)
No	Histic Epipedon (A:	2)	No	Thin Dark Surface	(S9) (LRR S,T,U)	No	2cm Muck (A10) (LRR S)
No	Black Histic (A3)		No	Loamy Mucky Mine	eral (F1) (LRR (O)	No	Reduced Vertic (F18) (outside MLRA 150A,B)
No	Hydrogen Sulfide (	A4)	No	Loamy Gleyed Mat		No	Piedmont Floodplain Soils (F19) (LRR P,S,T)
No	Stratified Layers (A		No	Depleted Matrix (F		No	Anomalous Bright Loamy Soils (F20) (MLRA 153B)
	Organic Bodies (A			Redox Dark Surface	,		_
No			No No	_		No	Red Parent Material (TF2)
No	5cm Mucky Minera		No	Depleted Dark Sur	` '	No	Very Shallow Dark Surface (TF12)
No	Muck Presence (A		No	Redox Depression		No	Other (Explain)
No	1cm Muck (A9) (L	RR P,T)	No	Marl (F10) (LRR U	1)		
No	Depleted Below Da		No	Depleted Ochric (F	•		
No	Thick Dark Surface	. ,	No		lasses (F12) (LRR O,P,T	1	
	_	ox (A16) (MLRA 150A)		Umbric Surface (F		,	
No	_		No No				
No		eral (S1) (LRR O,S)	No	Delta Ochric (F17)			
No	Sandy Gleyed Mate		No	•	18) (MLRA 150A, 150B)		
No	Sandy Redox (S5)		No	Piedmont Floodpla	ain Soils (F19) (MLRA 149	9A)	
No	Stripped Matrix S6	)	No	Anomalous Bright	Loamy Soils (F20) (MRL)	A 149A, 153C, 153D)	
No	Dark Surface (S7)	(LRR P, S, T. U)				. , ,	
Restrictive Laye		, , , , , , = ,					
_						Hudria Call Des-	ant?
Type:	None		_			Hydric Soil Pres	
Depth inches:	None		-				No No
Remarks:							
]							
		ollected due to fill in t	ho ooil profile				
	No soil sample co	ollected due to till till t	ne son prome.				
	No soil sample of	ollected due to till till t	ne son prome.				
	No soil sample co	onected due to fin in t	ne son prome.				
	No soil sample co	ollected due to fill lift	ne son prome.				

VEGETATION SAMPLING POINT 13 Absolute % Dominant Dominance Test Worksheet: Tree Stratum Plot Size: 30 Indicator Status Number of Dominant Species That Cover **Species** (A): Quercus virginiana FACU are OBL, FACW, or FAC Yes Total Number of Dominant Species Across All Strata Percent of Dominant Species (A/B): That Are OBL, FACW, or FAC 33.33% Prevalence Index Worksheet: 50/20 Threshold 40 Multiply = Total Cover Total % Cover of: 50% of Total Cover = 20 20% of Total Cover = OBL x1= Dominant FACW x2= Plot Size: 30' Sapling Stratum Indicator Status Cover Species FAC x3= FACU x4= None UPL x5= A Totals В 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: 0 50/20 Threshold = Total Cover 50% of Total Cover = 0 Tree - Woody plants, excluding woody vines, approximately 20' 20% of Total Cover = or more in height and 3" or larger in DBH. Dominant Plot Size: 30' Shrub Stratum Indicator Status Cover Species None 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. 50/20 Threshold 0 = Total Cover 50% of Total Cover = 0 Woody vine - All woody vines, regardless of height. 20% of Total Cover = Dominant Remarks: Plot Size: 30' Indicator Status Herb Stratum Cover Species Trifolium repens FACU 60 Yes Stenotaphrum secundatum 40 Yes FAC 50/20 Threshold 100 = Total Cover 50% of Total Cover = 50 20% of Total Cover = Woody Vine Absolute % Dominant Plot Size: 30' Indicator Status Stratum Cover Species None 0 = Total Cover 50/20 Threshold Hydrophytic Vegetation Present? 50% of Total Cover = 0 No 20% of Total Cover = 0

Project/Site:	I-10: LA 415 to Ess	sen Lane on I-10 an	d I-12	Parish: East Bator	n Rouge	Sampling Date:	6/26/2017
Applicant/Owner:	Louisiana Department	of Transportation and De	evelopment	State: Louisiana		Sampling Point:	14
Investigator(s):	Taylor Simoneaux	, Tim Kimmel		Section, Township	, Range:	Section 51, Towns	ship 7 South, Range 1 West
Landform (hillslope	e, terrace, etc.):	Flat			Local Relief (concave,	convex, none): No	one Slope: 0
Subregion (LRR or		LRR P	Lat: 30.438962°		Long: -91.191609°		Datum: NAD83
Soil Map Unit Nam			enne soils, gently ur	ndulating, frequently		NWI Classification	
		the site typical for t			lain in Remarks)		
Are Vegetation		or Hydrology	significantly disturb		Are "Normal Circumst	ances" present?	Yes
Are Vegetation			- 0 ,			•	
		or Hydrology	naturally problema	auc? INO	(If needed, explain any	y answers in Rema	rks.)
SUMMARY OF FI				1			
Hydrophytic Veget		N					
Hydric Soil Presen		N		is the Sampled A	rea within a Wetland?	•	No
Wetland Hydrology	/ Present?	N	0				
Remarks:				=			
HYDROLOGY							
Wetland Hydrolog	ny Indiantara					Secondary Indicat	ore (Need 2):
, ,	••					•	Surface Soil Cracked (B6)
Primary Indicators	'	`		M-4 04 1 1	(DO)	No No	• ' '
No	Surface Water (A1	,	No	Water Stained Lea	, ,	No	Sparsely Veg. Concave Surface (B8)
No	High Water Table	(A2)	No	Aquatic Fauna (B	,	No	Drainage Patterns (B10)
No	Saturation (A3)		No	Marl Deposits (B1	5) (LRR U)	No	Moss Trim Lines (B16)
No	Water Marks (B1)		No	Hydrogen Sulfide	Odor (C1)	No	Dry-Season Water Table (C2)
No	Sediment Deposits	s (B2)	No	Oxidized Root Ch	annels (C3)	No	Crayfish Burrows (C8)
No	Drift Deposits (B3)	, ,	No	Presence of Redu	, ,	No	Saturation on Aerial Imagery (C9)
No	Algal Mat or Crust		No	Recent Reduct. in	, ,	No	Geomorphic Position (D2)
	-	(04)			, ,		
No	Iron Deposits (B5)	(07)	No	Thin Muck Surface	, ,	No	Shallow Aquitard (D3)
No	Inundation on Aeri	al Imagery (B7)	No	Other (Explain in F	Remarks)	No	FAC-Neutral Test (D5)
						No	Sphagnum Moss (D8) (LRR T, U)
Field Observation	is:						
Surface Water Pre	sent?	None	Depth (inches):	N/A		Wetland Hydrolog	gy Present?
Water table Preser	nt?	None	Depth (inches):	N/A			No
Saturation Present	?	None	Depth (inches):	N/A			
Remarks:							
i tomanto.							
SOIL							
Depth	Ma	atrix		Redo	k Features		Texture
Inches	Color	%	Color	%	Type	Location	
	-		00.01	7.0	1,750	Location	
N/A			00101		Турс	Location	
			Goldi		Турс	Location	
			Goldi		Туро	Location	
			Goldi		,,,,,	Location	
			33101	7.0	Турс	Location	
			COLO		Турс	Location	
					, ypc	Location	
N/A		RM=Reduced Matr				Location: PL=Pore	Lining, M=Matrix
N/A							Lining, M=Matrix
N/A	ation, D=Depletion,						-
N/A Type: C=Concentr Hydric Soil Indica	ation, D=Depletion,		ix, CS=Covered or	Coated Sand Grain		Location: PL=Pore	oblematic Soils:
N/A  Type: C=Concentr  Hydric Soil Indica	ation, D=Depletion, stors: Histol (A1)	RM=Reduced Matr	x, CS=Covered or (	Coated Sand Grain	s rface (S8) (LRR S,T,U)	Location: PL=Pore Indicators for Pro	oblematic Soils: 1cm Muck (A9) (LRR O)
N/A  Type: C=Concentr  Hydric Soil Indica  No No	ation, D=Depletion,  tors: Histol (A1) Histic Epipedon (A2)	RM=Reduced Matr	ix, CS=Covered or (	Coated Sand Grain Polyvalue Below Su Thin Dark Surface (	s  face (S8) (LRR S,T,U)  69) (LRR S,T,U)	Location: PL=Pore Indicators for Pro	oblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S)
N/A  Type: C=Concentr  Hydric Soil Indica No No No	ation, D=Depletion,  ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3)	RM=Reduced Matr	No No No	Coated Sand Grain Polyvalue Below Su Thin Dark Surface (s	ss rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O)	Location: PL=Pore Indicators for Pro No No No	bblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B)
N/A  Type: C=Concentr  Hydric Soil Indica No No No No	ation, D=Depletion,  Itors: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A-	RM=Reduced Matr	No No No No	Coated Sand Grain Polyvalue Below Su Thin Dark Surface (s Loamy Mucky Miner Loamy Gleyed Matri	s fface (S8) (LRR S,T,U) 59) (LRR S,T,U) al (F1) (LRR (O) x (F2)	Location: PL=Pore Indicators for Pro No No No No	Delematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)
N/A  Type: C=Concentr  Hydric Soil Indica No No No No No	ation, D=Depletion,  ttors:  Histol (A1)  Histic Epipedon (A2)  Black Histic (A3)  Hydrogen Sulffide (A- Stratified Layers (A5	RM=Reduced Matr	No No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3	s  fface (S8) (LRR S,T,U)  59) (LRR S,T,U)  al (F1) (LRR (O)  x (F2)	Location: PL=Pore Indicators for Pro No No No No No	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)
N/A  Type: C=Concentr  Hydric Soil Indica No No No No No No	ation, D=Depletion, stors: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A- Stratified Layers (A5 Organic Bodies (A6)	RM=Reduced Matr	No No No No No No	Polyvalue Below Su Thin Dark Surface (s Loamy Mucky Miner Loamy Gleyd Matri Depleted Matrix (F3 Redox Dark Surface	s face (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) (F6)	Location: PL=Pore Indicators for Pro No No No No No No No No	oblematic Soils:  1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2)
N/A  Type: C=Concentr  Hydric Soil Indica No No No No No	ation, D=Depletion,  ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A- Stratified Layers (A5- Organic Bodies (A6) 5cm Mucky Mineral (	RM=Reduced Matr  4) ) (LRR P,T,U) (A7) (LRR P,T,U)	No No No No	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface	ss rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) (F6) ice (F7)	Location: PL=Pore Indicators for Pro No No No No No	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
N/A  Type: C=Concentr  Hydric Soil Indica No No No No No No	ation, D=Depletion,  Itors:  Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A- Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral ( Muck Presence (A8)	RM=Reduced Matr  4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U)	No No No No No No	Polyvalue Below Su Thin Dark Surface (s Loamy Mucky Miner Loamy Gleyd Matri Depleted Matrix (F3 Redox Dark Surface	ss rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) (F6) ice (F7)	Location: PL=Pore Indicators for Pro No No No No No No No No	oblematic Soils:  1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2)
N/A  Type: C=Concentr  Hydric Soil Indica  No No No No No No No No No	ation, D=Depletion,  ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A- Stratified Layers (A5- Organic Bodies (A6) 5cm Mucky Mineral (	RM=Reduced Matr  4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U)	No No No No No No No No No	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface	ss rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) (F6) ice (F7)	Location: PL=Pore Indicators for Pro No	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
N/A  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion,  Itors:  Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A- Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral ( Muck Presence (A8)	RM=Reduced Matr  4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR P,T,U) (R P,T)	No N	Polyvalue Below Su Thin Dark Surface (s Loamy Mucky Miner Loamy Gleyed Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions	ss (S8) (LRR S,T,U) (S9) (LRR S,T,U) (All (F1) (LRR (O) (F2) (F6) (CF2) (F6) (F6) (F6) (F8)	Location: PL=Pore Indicators for Pro No	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
N/A  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion,  ttors: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A- Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl	RM=Reduced Matr  4) ) (LRR P,T,U) (A7) (LRR D,T,U) (LRR U) R P,T) s Surface (A11)	No N	Polyvalue Below Su Thin Dark Surface (Incomp Gleyed Matri Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U)	ss face (S8) (LRR S,T,U) S9) (LRR S,T,U) a) (IRR (O) x (F2) (F6) ce (F7) (F8) 1) (MLRA 151)	Location: PL=Pore Indicators for Pro No	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
N/A  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (	RM=Reduced Matr  (4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (LRR U) (LR Q) (LR	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Green Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma	ss (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) (F6) ice (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T)	Location: PL=Pore Indicators for Pro No	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
N/A  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion,  Intors: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A- Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral ( Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface ( Coast Prairie Redox	RM=Reduced Matr  4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) x Surface (A11) A12) (A16) (MLRA 150A)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Octric (F1 Iron-Manganese Ma Umbric Surface (F13	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) (F6) cce (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U)	Location: PL=Pore Indicators for Pro No	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
N/A  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion,  Itors: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A- Stratified Layers (A5) Organic Bodies (A6) Mucky Mineral (A1) Muck (A9) (LR Depleted Below Darl Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Minera	RM=Reduced Matr  4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) s Surface (A11) A12) (A16) (MLRA 150A) al (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Iron-Manganese (F1 Delta Ochric (F17) (	ss (LRR S,T,U) s9) (LRR S,T,U) al (F1) (LRR (O) x (F2) (F6) ce (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) s) (LRR P, T, U) MLRA 151)	Location: PL=Pore Indicators for Pro No	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
N/A  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, Itors: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulffide (A- Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral () Muck Presence (A) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface ( Coast Prairie Redo Sandy Mucky Minera Sandy Gleyed Matrix	RM=Reduced Matr  4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) s Surface (A11) A12) (A16) (MLRA 150A) al (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface (s Loamy Mucky Miner Loamy Gleyed Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Vertic (F17) ( Reduced Vertic (F18)	Fface (S8) (LRR S,T,U)  59) (LRR S,T,U)  al (F1) (LRR (O)  x (F2)  (F6)  loce (F7)  (F8)  1) (MLRA 151)  sses (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  3) (MLRA 150A, 150B)	Location: PL=Pore Indicators for Pro No	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
N/A  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion,  ttors:  Histol (A1)  Histic Epipedon (A2)  Hydrogen Sulfide (A- Stratified Layers (A5  Organic Bodies (A6)  5cm Mucky Mineral  1cm Muck (A9) (LR  Depleted Below Darl  Thick Dark Surface ( Coast Prairie Redox  Sandy Mucky Mineral  Sandy Gleyed Matrix  Sandy Redox (S5)	RM=Reduced Matr  4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) s Surface (A11) A12) (A16) (MLRA 150A) al (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1) Delta Ochric (F17) ( Reduced Vertic (F18 Piedmont Floodplair	s  fface (S8) (LRR S,T,U)  59) (LRR S,T,U)  a) (FR)  (F6)  (ce (F7)  (F8)  1) (MLRA 151)  sses (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MIRA 150A, 150B)  s Soils (F19) (MLRA 149A)	Location: PL=Pore Indicators for Pro No	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
N/A  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion,  Intors:  Histol (A1)  Histic Epipedon (A2)  Black Histic (A3)  Hydrogen Sulfide (A  Stratified Layers (A5)  Organic Bodies (A6)  5cm Mucky Mineral ( Muck Presence (A8)  1cm Muck (A9) (LR  Depleted Below Darl  Thick Dark Surface ( Coast Prairie Redox  Sandy Mucky Minera  Sandy Gleyed Matrix  Sandy Redox (S5)  Stripped Matrix S6)	RM=Reduced Matr  (4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) (A S C SURface (A11) A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1) Delta Ochric (F17) ( Reduced Vertic (F18 Piedmont Floodplair	Fface (S8) (LRR S,T,U)  59) (LRR S,T,U)  al (F1) (LRR (O)  x (F2)  (F6)  loce (F7)  (F8)  1) (MLRA 151)  sses (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  3) (MLRA 150A, 150B)	Location: PL=Pore Indicators for Pro No	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
N/A  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion,  Itors: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A: Stratified Layers (A5) Organic Bodies (A6) Som Mucky Mineral (A6) Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prasure Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L	RM=Reduced Matr  (4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) (A S C SURface (A11) A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1) Delta Ochric (F17) ( Reduced Vertic (F18 Piedmont Floodplair	s  fface (S8) (LRR S,T,U)  59) (LRR S,T,U)  a) (FR)  (F6)  (ce (F7)  (F8)  1) (MLRA 151)  sses (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MIRA 150A, 150B)  s Soils (F19) (MLRA 149A)	Location: PL=Pore Indicators for Pro No	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
N/A  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion,  Itors: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A: Stratified Layers (A5) Organic Bodies (A6) Som Mucky Mineral (A6) Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prasure Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L	RM=Reduced Matr  (4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) (A S C SURface (A11) A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1) Delta Ochric (F17) ( Reduced Vertic (F18 Piedmont Floodplair	s  fface (S8) (LRR S,T,U)  59) (LRR S,T,U)  a) (FR)  (F6)  (ce (F7)  (F8)  1) (MLRA 151)  sses (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MIRA 150A, 150B)  s Soils (F19) (MLRA 149A)	Location: PL=Pore Indicators for Pro No	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
N/A  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion,  Itors: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A: Stratified Layers (A5) Organic Bodies (A6) Som Mucky Mineral (A6) Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prasure Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L	RM=Reduced Matr  (4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) (A S C SURface (A11) A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1) Delta Ochric (F17) ( Reduced Vertic (F18 Piedmont Floodplair	s  fface (S8) (LRR S,T,U)  59) (LRR S,T,U)  a) (FR)  (F6)  (ce (F7)  (F8)  1) (MLRA 151)  sses (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MIRA 150A, 150B)  s Soils (F19) (MLRA 149A)	Location: PL=Pore Indicators for Pro No	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
N/A  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion,  Itors: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A- Stratified Layers (A5 Organic Bodies (A6) Scm Mucky Mineral (Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Minera Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (If observed):	RM=Reduced Matr  (4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) (A S C SURface (A11) A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1) Delta Ochric (F17) ( Reduced Vertic (F18 Piedmont Floodplair	s  fface (S8) (LRR S,T,U)  59) (LRR S,T,U)  a) (FR)  (F6)  (ce (F7)  (F8)  1) (MLRA 151)  sses (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MIRA 150A, 150B)  s Soils (F19) (MLRA 149A)	Location: PL=Pore Indicators for Pro No	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
N/A  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, Itors: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulffide (A: Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Minere (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redo Sandy Mucky Minere Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (If observed): None	RM=Reduced Matr  (4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) (A S C SURface (A11) A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1) Delta Ochric (F17) ( Reduced Vertic (F18 Piedmont Floodplair	s  fface (S8) (LRR S,T,U)  59) (LRR S,T,U)  a) (FR)  (F6)  (ce (F7)  (F8)  1) (MLRA 151)  sses (F12) (LRR O,P,T)  3) (LRR P, T, U)  MLRA 151)  5) (MIRA 150A, 150B)  s Soils (F19) (MLRA 149A)	Location: PL=Pore Indicators for Pro No	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
N/A  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, Itors: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulffide (A: Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Minere (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redo Sandy Mucky Minere Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (If observed): None	RM=Reduced Matr  (4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) (A S C SURface (A11) A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1) Delta Ochric (F17) ( Reduced Vertic (F18 Piedmont Floodplair	ssface (S8) (LRR S,T,U) S9) (LRR S,T,U) a) (FR S,T,U) a) (FR) (F6) ce (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 5) (MIRA 150A, 150B) e Soils (F19) (MLRA 149A)	Location: PL=Pore Indicators for Pro No	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
N/A  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, Itors: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulffide (A: Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Minere (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redo Sandy Mucky Minere Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (If observed): None	RM=Reduced Matr  (4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) (A S C SURface (A11) A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1) Delta Ochric (F17) ( Reduced Vertic (F18 Piedmont Floodplair	ssface (S8) (LRR S,T,U) S9) (LRR S,T,U) a) (FR S,T,U) a) (FR) (F6) ce (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 5) (MIRA 150A, 150B) e Soils (F19) (MLRA 149A)	Location: PL=Pore Indicators for Pro No	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
N/A  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, Itors: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulffide (A: Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Minere (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redo Sandy Mucky Minere Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (If observed): None	RM=Reduced Matr 4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) 4 (Surface (A11) A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ( (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1) Delta Ochric (F17) ( Reduced Vertic (F18 Piedmont Floodplair	ssface (S8) (LRR S,T,U) S9) (LRR S,T,U) a) (FR S,T,U) a) (FR) (F6) ce (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 5) (MIRA 150A, 150B) e Soils (F19) (MLRA 149A)	Location: PL=Pore Indicators for Pro No	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
N/A  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion, Itors: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulffide (A: Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Minere (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redo Sandy Mucky Minere Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (If observed): None	RM=Reduced Matr 4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) 4 (Surface (A11) A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ( (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1) Delta Ochric (F17) ( Reduced Vertic (F18 Piedmont Floodplair	ssface (S8) (LRR S,T,U) S9) (LRR S,T,U) a) (FR S,T,U) a) (FR) (F6) ce (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 5) (MIRA 150A, 150B) e Soils (F19) (MLRA 149A)	Location: PL=Pore Indicators for Pro No	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
N/A  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion,  Itors: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A- Stratified Layers (A5) Organic Bodies (A6) Scm Mucky Mineral (A6) Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (if observed): None None	RM=Reduced Matr  (A)  (LRR P,T,U)  (A7) (LRR P,T,U)  (LRR U)  R P,T)  (Surface (A11)  A12)  (A16) (MLRA 150A)  al (S1) (LRR O,S)  (S4)  LRR P, S, T, U)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matrix (F3 Redox Dark Surface Redox Dark Surface Redox Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Ion-Manganese (F1 Delta Ochric (F17) ( Reduced Vertic (F18 Piedmont Floodplair Anomalous Bright Lo	s (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) (F6) cee (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 9) (MLRA 150A, 150B) Soils (F19) (MLRA 149A) comy Soils (F20) (MRLA	Location: PL=Pore Indicators for Pro No Ho	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
N/A  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion,  Itors: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A- Stratified Layers (A5) Organic Bodies (A6) Scm Mucky Mineral (A6) Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (if observed): None None	RM=Reduced Matr  (A)  (LRR P,T,U)  (A7) (LRR P,T,U)  (LRR U)  R P,T)  (Surface (A11)  A12)  (A16) (MLRA 150A)  al (S1) (LRR O,S)  (S4)  LRR P, S, T, U)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matrix (F3 Redox Dark Surface Redox Dark Surface Redox Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Ion-Manganese (F1 Delta Ochric (F17) ( Reduced Vertic (F18 Piedmont Floodplair Anomalous Bright Lo	ssface (S8) (LRR S,T,U) S9) (LRR S,T,U) a) (FR S,T,U) a) (FR) (F6) ce (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 5) (MIRA 150A, 150B) e Soils (F19) (MLRA 149A)	Location: PL=Pore Indicators for Pro No Ho	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
N/A  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion,  Itors: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A- Stratified Layers (A5) Organic Bodies (A6) Scm Mucky Mineral (A6) Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (if observed): None None	RM=Reduced Matr  (A)  (LRR P,T,U)  (A7) (LRR P,T,U)  (LRR U)  R P,T)  (Surface (A11)  A12)  (A16) (MLRA 150A)  al (S1) (LRR O,S)  (S4)  LRR P, S, T, U)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matrix (F3 Redox Dark Surface Redox Dark Surface Redox Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Ion-Manganese (F1 Delta Ochric (F17) ( Reduced Vertic (F18 Piedmont Floodplair Anomalous Bright Lo	s (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) (F6) cee (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 9) (MLRA 150A, 150B) Soils (F19) (MLRA 149A) comy Soils (F20) (MRLA	Location: PL=Pore Indicators for Pro No Ho	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
N/A  Type: C=Concentr  Hydric Soil Indica No	ation, D=Depletion,  Itors: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A- Stratified Layers (A5) Organic Bodies (A6) Scm Mucky Mineral (A6) Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Darl Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (L (if observed): None None	RM=Reduced Matr  (A)  (LRR P,T,U)  (A7) (LRR P,T,U)  (LRR U)  R P,T)  (Surface (A11)  A12)  (A16) (MLRA 150A)  al (S1) (LRR O,S)  (S4)  LRR P, S, T, U)	No N	Polyvalue Below Su Thin Dark Surface (S Loamy Mucky Miner Loamy Gleyed Matrix (F3 Redox Dark Surface Redox Dark Surface Redox Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Ion-Manganese (F1 Delta Ochric (F17) ( Reduced Vertic (F18 Piedmont Floodplair Anomalous Bright Lo	s (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) (F6) cee (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 9) (MLRA 150A, 150B) Soils (F19) (MLRA 149A) comy Soils (F20) (MRLA	Location: PL=Pore Indicators for Pro No Ho	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)

VEGETATION SAMPLING POINT Absolute % Dominant Dominance Test Worksheet: Tree Stratum Plot Size: 30 Indicator Status Number of Dominant Species That Cover Species (A): None are OBL, FACW, or FAC Total Number of Dominant Species Across All Strata Percent of Dominant Species (A/B): That Are OBL, FACW, or FAC 50.00% Prevalence Index Worksheet: = Total Cover 50/20 Threshold 0 Multiply Total % Cover of: 50% of Total Cover = 0 20% of Total Cover = OBL x1= Dominant FACW x2= Plot Size: 30' Sapling Stratum Indicator Status Cover Species FAC x3= FACU x4= None UPL x5= A Totals В 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: 0 50/20 Threshold = Total Cover 50% of Total Cover = 0 Tree - Woody plants, excluding woody vines, approximately 20' 20% of Total Cover = or more in height and 3" or larger in DBH. Dominant Plot Size: 30' Shrub Stratum Indicator Status Cover Species None 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. 50/20 Threshold = Total Cover 50% of Total Cover = 0 Woody vine - All woody vines, regardless of height. 20% of Total Cover = Dominant Remarks: Plot Size: 30' Herb Stratum Indicator Status Cover Species Verbena bonariensis FAC 40 Yes Rubus trivialis 40 Yes FACU Solidago altissima 15 No **FACU** 50/20 Threshold 95 = Total Cover 50% of Total Cover = 47.5 20% of Total Cover = Woody Vine Absolute % Dominant Plot Size: 30' Indicator Status Stratum Cover Species None 0 = Total Cover 50/20 Threshold Hydrophytic Vegetation Present? 50% of Total Cover = 0 No 20% of Total Cover = 0

Project/Site:							
r roject/one.	I-10: LA 415 to Es	ssen Lane on I-10 and	d I-12	Parish: West Bate	on Rouge	Sampling Date:	6/26/2017
Applicant/Owner:	Louisiana Department	t of Transportation and De	evelopment	State: Louisiana		Sampling Point:	15
Investigator(s):	Taylor Simoneaux			Section, Townshi	in Range:		ship 7 South, Range 12 East
				Section, Townshi			
Landform (hillslop		Flat				ve, convex, none): No	
Subregion (LRR of	or MLRA):	LRR P	Lat: 30.443915		Long: -91.225480°		Datum: NAD83
Soil Map Unit Nar	me:	Sharkey clay	-		<del>-</del>	NWI Classification	1: None
Are climatic / hvd	rologic conditions or	n the site typical for t	his time of year?	Yes (If no ex	plain in Remarks)		
Are Vegetation	, Soil ,	, or Hydrology	significantly distu		Are "Normal Circum	stances" present?	Yes
						•	
Are Vegetation	, Soil,	, or Hydrology	naturally problem	natic? No	(ii needed, explain a	any answers in Rema	irs.)
SUMMARY OF F	INDINGS						
Hydrophytic Vege	etation Present?	Yı	es				,
Hydric Soil Prese		Y.	es	Is the Sampled /	Area within a Wetlan	d?	No
Wetland Hydrolog		 N		io tino oumpiou i		•.	110
	gy Fresent:		0	4			
Remarks:							
HYDROLOGY							
	l					0	1 (NII O):
Wetland Hydrolo						Secondary Indicat	
Primary Indicators	s (Need 1):					No	Surface Soil Cracked (B6)
No	Surface Water (A1	1)	No	Water Stained Le	eaves (B9)	No	Sparsely Veg. Concave Surface (B8)
No	High Water Table	(A2)	No	Aquatic Fauna (B	313)	No	Drainage Patterns (B10)
No	Saturation (A3)	(, =)	No	Marl Deposits (B1	,	No	Moss Trim Lines (B16)
	• ' '						
No	Water Marks (B1)		No	Hydrogen Sulfide		No	Dry-Season Water Table (C2)
No	Sediment Deposit	s (B2)	No	Oxidized Root C	hannels (C3)	No	Crayfish Burrows (C8)
No	Drift Deposits (B3)	)	No	Presence of Redu	uced Iron (C4)	No	Saturation on Aerial Imagery (C9)
No	Algal Mat or Crust	•	No		n Tilled Soils (C6)	No	Geomorphic Position (D2)
				_	, ,		• • • • • • • •
No	Iron Deposits (B5)	,	No	Thin Muck Surface		No	Shallow Aquitard (D3)
No	Inundation on Aer	ial Imagery (B7)	No	Other (Explain in	Remarks)	Yes	FAC-Neutral Test (D5)
	_	- , , ,			•	No	Sphagnum Moss (D8) (LRR T, U)
Field Observation	ne:					1	, , , , , , , , , , , , , , , , , , , ,
			D#- (1			Mad	mu Dranamt?
Surface Water Pr		None	Depth (inches):	N/A		Wetland Hydrolo	<del></del>
Water table Prese	ent?	None	Depth (inches):	N/A			No
Saturation Preser	nt?	None	Depth (inches):	N/A			
Remarks:							
Remarks.							
COIL							
SOIL							
Depth		latrix			ox Features		Texture
Inches	Color	%	Color	%	Type	Location	
0-16	10YR 4/2	80	10YR 4/6	10	C	M	silty clay
		<del> </del>	7.5YR 4/6	10	C	M	<del>                                     </del>
			7.51K 4/0	10	C	IVI	
							1
		+	<b>†</b>	+		_	
		<del></del>	<del> </del>	+			<u> </u>
			<u> </u>				<u> </u>
Type: C=Concent	tration, D=Depletion	n, RM=Reduced Matr	ix, CS=Covered or	Coated Sand Grain	ns	Location: PL=Pore	e Lining, M=Matrix
	-4						
Hydric Soil Indic						Indicators for Pro	oblematic Soils:
Hydric Soil Indic			NI-	Daharahia Balau Ci	urfoce (CO) (LDD C T II)	Indicators for Pro	
No	Histol (A1)		No		urface (S8) (LRR S,T,U)	No	1cm Muck (A9) (LRR O)
No No	Histol (A1) Histic Epipedon (A2	')	No	Thin Dark Surface (	(S9) (LRR S,T,U)	No No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S)
No	Histol (A1)	:)			(S9) (LRR S,T,U)	No	1cm Muck (A9) (LRR O)
No No	Histol (A1) Histic Epipedon (A2		No No	Thin Dark Surface (	(S9) (LRR S,T,U) eral (F1) (LRR (O)	No No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S)
No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A	A4)	No No No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mate	(S9) (LRR S,T,U) eral (F1) (LRR (O) rix (F2)	No No No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T)
No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5)	A4) 5)	No No No Yes	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mate Depleted Matrix (F3	(S9) (LRR S,T,U) eral (F1) (LRR (O) rix (F2) 3)	No No No No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P.S.T) Anomalous Bright Loamy Soils (F20) (MLRA 153B)
No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6)	A4) 5) ) (LRR P,T,U)	No No No Yes No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surfac	(S9) (LRR S,T,U) eral (F1) (LRR (O) trix (F2) 3) te (F6)	No No No No No No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2)
No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5)	A4) 5) ) (LRR P,T,U)	No No No Yes	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mate Depleted Matrix (F3	(S9) (LRR S,T,U) eral (F1) (LRR (O) trix (F2) 3) te (F6)	No No No No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6)	A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U)	No No No Yes No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surfac	(S9) (LRR S,T,U) eral (F1) (LRR (O) trix (F2) 3) ee (F6) face (F7)	No No No No No No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2)
No No No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8	A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) 5) (LRR U)	No No No Yes No No No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mati Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf Redox Depressions	(S9) (LRR S,T,U) eral (F1) (LRR (O) rix (F2) 3) ee (F6) face (F7) s (F8)	No N	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR	A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T)	No No No Yes No No No No No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matt Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U)	(S9) (LRR S,T,U) eral (F1) (LRR (O) rix (F2) 3) 3) ee (F6) face (F7) s (F8)	No N	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
No N	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar	(A4) (5) (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) (RR P,T) rk Surface (A11)	No No No No Yes No No No No No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mati Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F	(S9) (LRR S,T,U) eral (F1) (LRR (O) trix (F2) so ee (F6) face (F7) so (F8) ) 111) (MLRA 151)	No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar	A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12)	No No No Yes No No No No No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F: Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M:	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) 3) ee (F6) face (F7) s (F8) ) 11) (MLRA 151) lasses (F12) (LRR O,P,T	No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
No N	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar	(A4) (5) (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) (RR P,T) rk Surface (A11)	No No No No Yes No No No No No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mati Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) 3) ee (F6) face (F7) s (F8) ) 11) (MLRA 151) lasses (F12) (LRR O,P,T	No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
No N	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (A8 1cm Muck (A9) (Dapleted Below Dar Thick Dark Surface Coast Prairie Redox	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) (RR P,T) (RR S) (A12) (A12) (A16) (MLRA 150A)	No No No No Yes No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F1	(S9) (LRR S,T,U) eral (F1) (LRR (O) erix (F2) 3) ee (F6) face (F7) s (F8) ) 11) (MLRA 151) asses (F12) (LRR O,P,1 13) (LRR P, T, U)	No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
No N	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Drinick Dark Surface Coast Prairie Redox Sandy Mucky Miner	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) (RR P,T) (RR Surface (A11) (A12) (A12) (A16) (MLRA 150A) (A16) (LRR O,S)	No No No No Yes No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matt Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F17) Depleted Ochric (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) erix (F2) 3) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 13) (LRR P, T, U) (MLRA 151)	No N	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
No N	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) (RR P,T) (RR Surface (A11) (A12) (A12) (A16) (MLRA 150A) (A16) (LRR O,S)	No No No No Yes No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mati Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17	(S9) (LRR S,T,U)  pral (F1) (LRR (O)  rix (F2)  3)  se (F6)  face (F7)  s (F8)  )  11) (MLRA 151)  asses (F12) (LRR O,P,1  13) (LRR P, T, U)  (MLRA 151)  18) (MLRA 150A, 150B)	No   No   No   No   No   No   No   No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
No N	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5)	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) (RR P,T) (RR Surface (A11) (A12) (A12) (A16) (MLRA 150A) (A16) (LRR O,S)	No No No No Yes No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F: Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17) Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) ix) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 i3) (LRR P, T, U) (MLRA 151) in Soils (F19) (MLRA 14	No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
No N	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) (RR P,T) (RR Surface (A11) (A12) (A12) (A16) (MLRA 150A) (A16) (LRR O,S)	No No No No Yes No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F: Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17) Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U)  pral (F1) (LRR (O)  rix (F2)  3)  se (F6)  face (F7)  s (F8)  )  11) (MLRA 151)  asses (F12) (LRR O,P,1  13) (LRR P, T, U)  (MLRA 151)  18) (MLRA 150A, 150B)	No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
No N	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5)	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No No No No Yes No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F: Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17) Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) ix) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 i3) (LRR P, T, U) (MLRA 151) in Soils (F19) (MLRA 14	No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
No N	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) ((	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No No No No Yes No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F: Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17) Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) ix) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 i3) (LRR P, T, U) (MLRA 151) in Soils (F19) (MLRA 14	No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
No N	Histol (A1) Histic Epipedon (A2 Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6, 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (If	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No No No No Yes No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F: Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17) Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) ix) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 i3) (LRR P, T, U) (MLRA 151) in Soils (F19) (MLRA 14	No N	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
No N	Histol (A1) Histic Epipedon (A2 Histic Epipedon (A2 Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No No No No Yes No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F: Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17) Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) ix) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 i3) (LRR P, T, U) (MLRA 151) in Soils (F19) (MLRA 14	No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
No N	Histol (A1) Histic Epipedon (A2 Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6, 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (If	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No No No No Yes No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F: Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17) Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) ix) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 i3) (LRR P, T, U) (MLRA 151) in Soils (F19) (MLRA 14	No N	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
No N	Histol (A1) Histic Epipedon (A2 Histic Epipedon (A2 Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No No No No Yes No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F: Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17) Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) ix) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 i3) (LRR P, T, U) (MLRA 151) in Soils (F19) (MLRA 14	No N	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
No N	Histol (A1) Histic Epipedon (A2 Histic Epipedon (A2 Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No No No No Yes No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F: Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17) Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) ix) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 i3) (LRR P, T, U) (MLRA 151) in Soils (F19) (MLRA 14	No N	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
No N	Histol (A1) Histic Epipedon (A2 Histic Epipedon (A2 Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No No No No Yes No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F: Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17) Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) ix) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 i3) (LRR P, T, U) (MLRA 151) in Soils (F19) (MLRA 14	No N	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
No N	Histol (A1) Histic Epipedon (A2 Histic Epipedon (A2 Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No No No No Yes No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F: Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17) Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) ix) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 i3) (LRR P, T, U) (MLRA 151) in Soils (F19) (MLRA 14	No N	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
No N	Histol (A1) Histic Epipedon (A2 Histic Epipedon (A2 Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No No No No Yes No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F: Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17) Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) ix) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 i3) (LRR P, T, U) (MLRA 151) in Soils (F19) (MLRA 14	No N	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
No N	Histol (A1) Histic Epipedon (A2 Histic Epipedon (A2 Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No No No No Yes No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F: Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17) Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) ix) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 i3) (LRR P, T, U) (MLRA 151) in Soils (F19) (MLRA 14	No N	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
No N	Histol (A1) Histic Epipedon (A2 Histic Epipedon (A2 Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No No No No Yes No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F: Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17) Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) ix) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 i3) (LRR P, T, U) (MLRA 151) in Soils (F19) (MLRA 14	No N	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
No N	Histol (A1) Histic Epipedon (A2 Histic Epipedon (A2 Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No No No No Yes No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F: Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17) Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) ix) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 i3) (LRR P, T, U) (MLRA 151) in Soils (F19) (MLRA 14	No N	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
No N	Histol (A1) Histic Epipedon (A2 Histic Epipedon (A2 Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No No No No Yes No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F: Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17) Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) ix) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 i3) (LRR P, T, U) (MLRA 151) in Soils (F19) (MLRA 14	No N	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
No N	Histol (A1) Histic Epipedon (A2 Histic Epipedon (A2 Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No No No No Yes No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F: Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17) Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) ix) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 i3) (LRR P, T, U) (MLRA 151) in Soils (F19) (MLRA 14	No N	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
No N	Histol (A1) Histic Epipedon (A2 Histic Epipedon (A2 Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No No No No Yes No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F: Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17) Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) ix) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 i3) (LRR P, T, U) (MLRA 151) in Soils (F19) (MLRA 14	No N	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)

VEGETATION SAMPLING POINT 15 Absolute % Dominant Dominance Test Worksheet: Tree Stratum Plot Size: 30 Indicator Status Number of Dominant Species That Cover **Species** (A): Pinus elliottii FACW are OBL, FACW, or FAC 60 Yes Total Number of Dominant Species Across All Strata 6 Percent of Dominant Species (A/B): That Are OBL, FACW, or FAC 83.33% Prevalence Index Worksheet: 50/20 Threshold 60 Multiply = Total Cover Total % Cover of: 50% of Total Cover = 30 20% of Total Cover = OBL x1= Dominant FACW x2= Plot Size: 30' Sapling Stratum Indicator Status Cover FAC x3= Species FACU x4= Celtis laevigata FACW 30 Yes Acer negundo Yes FAC UPL x5= 25 A Totals В 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: 50/20 Threshold 55 = Total Cover 50% of Total Cover = 27.5 Tree - Woody plants, excluding woody vines, approximately 20' 20% of Total Cover = or more in height and 3" or larger in DBH. Dominant Plot Size: 30' Shrub Stratum Indicator Status Cover Species Carya illinoinensis Sapling - Woody plants, excluding woody vines, approximately 10 Yes FACU 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. 50/20 Threshold 10 = Total Cover 50% of Total Cover = 5 Woody vine - All woody vines, regardless of height. 20% of Total Cover = Dominant Remarks: Plot Size: 30' Indicator Status Herb Stratum Cover Species Campsis radicans 55 Yes FAC Ampelopsis arborea Yes 15 FAC Toxicodendron radicans No FAC 50/20 Threshold 75 = Total Cover 50% of Total Cover = 37.5 20% of Total Cover = Woody Vine Absolute % Dominant Plot Size: 30' Indicator Status Stratum Cover Species None 0 = Total Cover 50/20 Threshold Hydrophytic Vegetation Present? 50% of Total Cover = 0 Yes 20% of Total Cover = 0

Project/Site:	I-10: LA 415 to Es	ssen Lane on I-10 and	d I-12	Parish: West Bato	n Rouge	Sampling Date:	6/26/2017
Applicant/Owner:	Louisiana Department	t of Transportation and De	evelopment	State: Louisiana		Sampling Point:	16
Investigator(s):	Taylor Simoneaux		•	Section, Township	Pange:		ship 7 South, Range 12 East
				Section, Township			
Landform (hillslop		Flat			Local Relief (concave	e, convex, none): N	
Subregion (LRR o	or MLRA):	LRR P	Lat: 30.448275°	0	Long: -91.246956°		Datum: NAD83
Soil Map Unit Nar	ne:	Commerce silty clar	/ loam		-	NWI Classification	: None
		n the site typical for t	nis time of year?	Yes (If no exr	olain in Remarks)		
Are Vegetation	, Soil	, or Hydrology	significantly distu		Are "Normal Circums	tances" present?	Yes
						•	
Are Vegetation	, Soil,	, or Hydrology	naturally problem	atic? No	(If needed, explain ar	ny answers in Rema	rks.)
SUMMARY OF F	INDINGS						
Hydrophytic Vege	tation Present?	N	0				
Hydric Soil Prese		Ye		le the Sampled A	rea within a Wetland	2	No
				is the campieu A	irea witiiiii a vvetiaiia	•	NO
Wetland Hydrolog	y Present?	Ye	28				
Remarks:							
HYDROLOGY							
						0 1 1 1 1 1	(11 10)
Wetland Hydrolo						Secondary Indicat	
Primary Indicators	s (Need 1):					No	Surface Soil Cracked (B6)
No	Surface Water (A	1)	No	Water Stained Lea	aves (B9)	No	Sparsely Veg. Concave Surface (B8)
No	High Water Table	(A2)	No	Aquatic Fauna (B	13)	No	Drainage Patterns (B10)
		(* 12)			,		
Yes	Saturation (A3)		No No	Marl Deposits (B1		No No	Moss Trim Lines (B16)
No	Water Marks (B1)		No	Hydrogen Sulfide		No	Dry-Season Water Table (C2)
No	Sediment Deposit	ts (B2)	No	Oxidized Root Ch	nannels (C3)	No	Crayfish Burrows (C8)
No	Drift Deposits (B3	)	No	Presence of Redu	ced Iron (C4)	No	Saturation on Aerial Imagery (C9)
No	Algal Mat or Crus		No	Recent Reduct. in	` '	No	Geomorphic Position (D2)
	_ ~	• •					
No	Iron Deposits (B5	,	No	Thin Muck Surfac	, ,	No	Shallow Aquitard (D3)
No	Inundation on Aer	rial Imagery (B7)	No	Other (Explain in	Remarks)	No	FAC-Neutral Test (D5)
						No	Sphagnum Moss (D8) (LRR T, U)
Field Observatio	ne:					1	, , , , , , , , , , , , , , , , , , , ,
							<b>5</b> 10
Surface Water Pre		None	Depth (inches):	N/A		Wetland Hydrolo	<del></del>
Water table Prese	ent?	None	Depth (inches):	N/A			Yes
Saturation Preser	nt?	Yes	Depth (inches):	0-8			
Remarks:				* *			
Remarks.							
SOIL							
		I = 4 - I		D. J.	. F4		Tt
Depth		latrix			x Features		Texture
Inches	Color	%	Color	%	Type	Location	
0-16	10YR 4/2	70	10YR 5/2	10	D	M	silty clay
			10YR 5/6	20	С	М	· · ·
			10111 3/0	20	Ŭ	IVI	
Type: C=Concent	ration, D=Depletion	n, RM=Reduced Matr	x, CS=Covered or	Coated Sand Grain	ls s	Location: PL=Pore	Lining, M=Matrix
Type: C=Concent	ration, D=Depletion	n, RM=Reduced Matr	x, CS=Covered or	Coated Sand Grain		Location: PL=Pore	Lining, M=Matrix
Type: C=Concent	•	n, RM=Reduced Matr	x, CS=Covered or	Coated Sand Grain	ls s	Location: PL=Pore	-
Hydric Soil Indic	ators:	n, RM=Reduced Matr				Indicators for Pro	oblematic Soils:
Hydric Soil Indic	ators: Histol (A1)		No	Polyvalue Below Su	rface (S8) (LRR S,T,U)	Indicators for Pro	oblematic Soils: 1cm Muck (A9) (LRR O)
Hydric Soil Indic	ators: _ Histol (A1) _ Histic Epipedon (A2		No No	Polyvalue Below Su	rface (S8) (LRR S,T,U) S9) (LRR S,T,U)	Indicators for Pro	oblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S)
Hydric Soil Indic No No No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3)	2)	No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O)	No No No	bblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B)
Hydric Soil Indic	ators: _ Histol (A1) _ Histic Epipedon (A2	2)	No No	Polyvalue Below Su	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O)	Indicators for Pro	oblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S)
Hydric Soil Indic No No No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3)	?) A4)	No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mine	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2)	No No No	bblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B)
Hydric Soil Indic No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A	2)	No No No No Yes	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2)	Indicators for Pro	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)
Hydric Soil Indic No No No No No No	Histol (A1) Histoi Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4) Organic Bodies (A6)	?) \4) 5) ) (LRR P,T,U)	No No No No Yes	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) b (F6)	Indicators for Pro	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)
Hydric Soil Indic No No No No No No No	Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral	2) N4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U)	No No No No Yes No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7)	Indicators for Pro	bilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic No No No No No No	Histol (A1) Histoi Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4) Organic Bodies (A6)	2) N4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U)	No No No No Yes	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7)	Indicators for Pro	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)
Hydric Soil Indic No No No No No No No	Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U)	No No No No Yes No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7)	Indicators for Pro	bilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic No No No No No No No No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A) Organic Bodies (A) Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF	2) (A4) (5) (b) (LRR P,T,U) (A7) (LRR P,T,U) (c) (LRR U) (RR P,T)	No No No No Yes No No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minei Loamy Gleyed Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) ) to (F6) ace (F7) (F8)	Indicators for Pro	bilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic No No No No No No No No	Ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A: Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dal	A4) 55) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11)	No No No No No Yes No No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minei Loamy Gleyed Matrix (F3 Redox Dark Surface Depleted Dark Surfacedox Depleted Dark Surfacedox Depressions Marl (F10) (LRR U)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151)	Indicators for Pro	bilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Lepipeted Below Dal Thick Dark Surface	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) tx (F2) ) (F6) ace (F7) (F8)  1) (MLRA 151) asses (F12) (LRR O,P,T)	Indicators for Pro	bilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A) Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Drinks Variace Coast Prairie Redox	2) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Iron-Manganese Matumbric Surface (F1	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8)  1) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U)	Indicators for Pro	bilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Lepipeted Below Dal Thick Dark Surface	2) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8)  1) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U)	Indicators for Pro	bilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ators: Histol (A1) Histol (A1) Histor Epipedon (A2 Black Histor (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dai Thick Dark Surface Coast Prairie Redov Sandy Mucky Miner	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) (A12) (c416) (MLRA 150A) rai (S1) (LRR O,S)	No No No No No Yes No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) (	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8)  1) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151)	Indicators for Pro	bilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (Ai Organic Bodies (Ai Organic Bodies (Ai Amucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Da Thick Dark Surface Coast Prairie Redo) Sandy Mucky Miner Sandy Gleyed Matri	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) (A12) (c416) (MLRA 150A) rai (S1) (LRR O,S)	No No No No Yes No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minei Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Matumbric Surface (F1 Delta Ochric (F17) (Reduced Vertic (F17)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) ) te (F6) ace (F7) (F8) 1) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 6) (MLRA 150A, 150B)	Indicators for Pro	bilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Depleted Below Dal Thick Dark Surface Coast Prairie Redo; Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5)	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) (A12) (c416) (MLRA 150A) rai (S1) (LRR O,S)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplait	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	bilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A! Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Da Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6)	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No No No No Yes No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplait	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) ) te (F6) ace (F7) (F8) 1) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 6) (MLRA 150A, 150B)	Indicators for Pro	bilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Depleted Below Dal Thick Dark Surface Coast Prairie Redo; Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5)	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplait	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	bilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (4) Stratified Layers (Ai Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Thick Dark Surface Coast Prairie Redov Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplait	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	bilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ators: Histol (A1) Histol (A1) Histor Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dai Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (r (if observed):	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplait	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A! Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Lick Presence (A8 Lick Presence (A8 Lick Park Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (r (If observed): None	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplait	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ators: Histol (A1) Histol (A1) Histor Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dai Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (r (if observed):	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplait	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A! Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Lick Presence (A8 Lick Presence (A8 Lick Park Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (r (If observed): None	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplait	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A! Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Lick Presence (A8 Lick Presence (A8 Lick Park Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (r (If observed): None	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplait	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A! Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Lick Presence (A8 Lick Presence (A8 Lick Park Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (r (If observed): None	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minei Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplaii	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A! Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Lick Presence (A8 Lick Presence (A8 Lick Park Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (r (If observed): None	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minei Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplaii	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A! Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Lick Presence (A8 Lick Presence (A8 Lick Park Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (r (If observed): None	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minei Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplaii	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A! Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Lick Presence (A8 Lick Presence (A8 Lick Park Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (r (If observed): None	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minei Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplaii	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A! Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Lick Presence (A8 Lick Presence (A8 Lick Park Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (r (If observed): None	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minei Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplaii	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A! Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Lick Presence (A8 Lick Park Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (r (rif observed): None	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minei Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplaii	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A! Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Lick Presence (A8 Lick Park Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (r (rif observed): None	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minei Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplaii	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A! Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Lick Presence (A8 Lick Park Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (r (rif observed): None	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No N	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Minei Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Surface Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplaii	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)

VEGETATION					SAMPLING POINT	. 16
Tree Stratum None	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status	Dominance Test Worksheet: Number of Dominant Species That are OBL, FACW, or FAC	(A): 0
					Total Number of Dominant Species	
					Across All Strata	1
					Percent of Dominant Species That Are OBL, FACW, or FAC	(A/B): 0.00%
					1	
	0 = Total Cover	50/20 TI 50%	hreshold of Total Cover =	0	Prevalence Index Worksheet: Total % Cover of:	Multiply
		Absolute %	of Total Cover =	0	0 OBL x1= 0 FACW x2=	0
Sapling Stratum	Plot Size: 30'	Cover	Species	Indicator Status	0 FAC x3=	0
None					95 FACU x4= 0 UPL x5=	380
					95 A Totals B	380
					Prevalence Index (B/A)=	4.00
					Hydrophytic Vegetation Indicators	
					Rapid Test for Hydrophytic Veg:	
		<del> </del>			Dominance Test > 50%: Prevalence Index is ≤3.0:	
					Problematic Hydrophytic Veg:	
_	0 = Total Cover	50/20 TI 50%	hreshold o of Total Cover =	0	Definitions of Vegetation Strata:  Tree - Woody plants, excluding wood	ly vines, approximately 20'
Shrub Stratum	Plot Size: 30'	Absolute %	o of Total Cover =  Dominant	0 Indicator Status	or more in height and 3" or larger in [	
None		Cover	Species		Sapling - Woody plants, excluding w	oody vines, approximately
					20' or more in height and less than 3'	
					-	
					Shrub - Woody plants, excluding woo	ody vines, approximately 3-
					20' in height.	
					Herb - All herbaceous plants, includir	ng herbaceous vines.
					regardless of size. Includes woody pl	
					less than approximately 3' in height.	
	0 = Total Cover	50%	hreshold o of Total Cover = o of Total Cover =		Woody vine - All woody vines, regar	dless of height.
Herb Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status	Remarks:	
Paspalum notatum		95	Yes	FACU	1	
					1	
					]	
					4	
					1	
					1	
					-	
	95 = Total Cover		hreshold o of Total Cover =	47.5		
		20%	of Total Cover =		ĺ	
Woody Vine Stratum None	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status		
					j	
					Ī	
					4	
					1	
					4	
					1	
		İ			1	
_	0 = Total Cover	50%	hreshold o of Total Cover =		Hydrophytic Vegetation Present?	_
		20%	of Total Cover =	0		

Project/Site:				ransii. West batu		Sampling Date:	0/20/2017
Applicant/Owner:	Louisiana Department	of Transportation and De	evelopment	State: Louisiana		Sampling Point:	17
Investigator(s):	Taylor Simoneaux	, Tim Kimmel		Section, Township	o. Range:	Sec.tion 93, Towns	ship 7 South, Range 12 East
Landform (hillslope		Flat			Local Relief (concave		
			1 -4: 00 4477000			, convex, none). Tve	
Subregion (LRR o	r MLRA):	LRR P	Lat: 30.447729°		Long: -91.244694°		Datum: NAD83
Soil Map Unit Nam	ne:	Sharkey clay				NWI Classification	None
		the site typical for t	his time of year?	Yes (If no eyr	lain in Remarks)		
						"+O	Vaa
Are Vegetation		or Hydrology	significantly distur		Are "Normal Circumst		Yes
Are Vegetation	, Soil,	or Hydrology	naturally problema	atic? No	(If needed, explain an	y answers in Rema	ks.)
SUMMARY OF FI	NDINGS						
		Ye	20	T T			
Hydrophytic Veget							
Hydric Soil Preser		Ye	es	Is the Sampled A	rea within a Wetland?	?	Yes
Wetland Hydrolog	y Present?	Ye	es				
Remarks:							
Remarks.							
HYDROLOGY							
Wetland Hydrolo	gy Indicators					Secondary Indicate	ors (Need 2):
Primary Indicators	(Need 1):					No	Surface Soil Cracked (B6)
Yes	Surface Water (A1	)	No	Water Stained Lea	aves (R9)	No	Sparsely Veg. Concave Surface (B8)
	•	,		-	, ,		
No	High Water Table	(AZ)	No	Aquatic Fauna (B	*	No	Drainage Patterns (B10)
No	Saturation (A3)		No	Marl Deposits (B1	5) (LRR U)	No	Moss Trim Lines (B16)
No	Water Marks (B1)		No	Hydrogen Sulfide	Odor (C1)	No	Dry-Season Water Table (C2)
		(DO)					, ,
No	Sediment Deposits	. ,	No	Oxidized Root Ch	. ,	No	Crayfish Burrows (C8)
No	Drift Deposits (B3)	)	No	Presence of Redu	ced Iron (C4)	No	Saturation on Aerial Imagery (C9)
No	Algal Mat or Crust		No	Recent Reduct. in	, ,	No	Geomorphic Position (D2)
							` ` '
No	Iron Deposits (B5)		No	Thin Muck Surface	, ,	No	Shallow Aquitard (D3)
No	Inundation on Aeri	al Imagery (B7)	No	Other (Explain in I	Remarks)	Yes	FAC-Neutral Test (D5)
	•	,		•	•	No	Sphagnum Moss (D8) (LRR T, U)
=:						INU	opagriam wood (DO) (LIAR I, U)
Field Observation	ns:						
Surface Water Pre	esent?	Yes	Depth (inches):	4		Wetland Hydrolog	gy Present?
Water table Prese	nt?	None	Depth (inches):	N/A			Yes
			,				100
Saturation Present	l?	None	Depth (inches):	N/A			
Remarks:							
SOIL							
					_ ,		
Depth	IVI:	atrix		Redo	x Features		Texture
Inches	Color	%	Color	%	Type	Location	
N/A							
11///							
Type: C=Concentr	ation, D=Depletion	RM=Reduced Matr	ix, CS=Covered or	Coated Sand Grair	S	Location: PL=Pore	Lining, M=Matrix
Type: C=Concentr	ation, D=Depletion	, RM=Reduced Matr	x, CS=Covered or	Coated Sand Grain	s	Location: PL=Pore	Lining, M=Matrix
		, RM=Reduced Matr	ix, CS=Covered or	Coated Sand Grain	s		
Hydric Soil Indica	ators:	, RM=Reduced Matr				Indicators for Pro	blematic Soils:
		, RM=Reduced Matr	ix, CS=Covered or	Polyvalue Below Su	rface (S8) (LRR S,T,U)		
Hydric Soil Indica	ators:				rface (S8) (LRR S,T,U)	Indicators for Pro	blematic Soils:
Hydric Soil Indica No No	ators: Histol (A1) Histic Epipedon (A2)		No No	Polyvalue Below Su Thin Dark Surface (	rface (S8) (LRR S,T,U) S9) (LRR S,T,U)	Indicators for Pro	blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S)
Hydric Soil Indica No No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3)	1	No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O)	No No No	blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B)
Hydric Soil Indica No No No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A	4)	No No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matr	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2)	Indicators for Pro	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)
Hydric Soil Indica No No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3)	4)	No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2)	No No No	blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B)
Hydric Soil Indica No No No No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5	4)	No No No No	Polyvalue Below Su Thin Dark Surface (i Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2)	No No No No No No	blematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B)
Hydric Soil Indica No No No No No No No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6)	4) ) (LRR P,T,U)	No No No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mines Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) )	No No No No No No No No No No	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)
Hydric Soil Indica No No No No No No No No No No No	Ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral	4) ) (LRR P,T,U) (A7) (LRR P,T,U)	No No No No	Polyvalue Below Su Thin Dark Surface (i Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) loce (F7)	No No No No No No	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indica No No No No No No No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6)	4) ) (LRR P,T,U) (A7) (LRR P,T,U)	No No No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Mines Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) loce (F7)	No No No No No No No No No No	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)
Hydric Soil Indica No No No No No No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8)	4) )) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U)	No No No No No No No	Polyvalue Below Su Thin Dark Surface (: Loarny Mucky Miner Loarny Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) loce (F7)	No No No No No No No No No No No No No N	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indica No No No No No No No No No No No No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR	4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T)	No No No No No No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) toce (F7) (F8)	No No No No No No No No No No No No No N	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indica No No No No No No No No No No No No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) Organic Bodies (A6) Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar	4) ) (LRR P,T,U) (A7) (LRR P,T,U) (ILRR U) R P,T) k Surface (A11)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) ((F6) loce (F7) (F8) 1) (MLRA 151)	No No No No No No No No No No No No No N	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indica No No No No No No No No No No No No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR	4) ) (LRR P,T,U) (A7) (LRR P,T,U) (ILRR U) R P,T) k Surface (A11)	No No No No No No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) toce (F7) (F8)	No No No No No No No No No No No No No N	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indica No No No No No No No No No No No No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface	4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) loce (F7) (F8)  1) (MLRA 151) sses (F12) (LRR O,P,T)	No No No No No No No No No No No No No N	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indica No No No No No No No No No No No No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface (Coast Prairie Redox	4) ) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) (A12) (A16) (MLRA 150A)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1:	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) 1 (F6) cce (F7) (F8)  1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U)	No No No No No No No No No No No No No N	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indica No No No No No No No No No No No No No	Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral	4) )) ((LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) (	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) y (F6) toce (F7) (F8)  1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151)	No No No No No No No No No No No No No N	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indica No No No No No No No No No No No No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface (Coast Prairie Redox	4) )) ((LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Minet Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) (	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) 1 (F6) cce (F7) (F8)  1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U)	No No No No No No No No No No No No No N	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indica No No No No No No No No No No No No No	Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral	4) )) ((LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S)	No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) b) c (F6) c (F6) (F8) 1) (MLRA 151) ssess (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 8) (MLRA 150A, 150B)	No No No No No No No No No No No No No N	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indica No No No No No No No No No No No No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrit Sandy Redox (S5)	4) )) ((LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A), 150B) a Soils (F19) (MLRA 149A	No No No No No No No No No No No No No N	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indica No No No No No No No No No No No No No	Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface e Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6)	4) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (R P,T) (R P,T) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ((S4)	No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) b) c (F6) c (F6) (F8) 1) (MLRA 151) ssess (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 8) (MLRA 150A, 150B)	No No No No No No No No No No No No No N	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indica No No No No No No No No No No No No No	ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrit Sandy Redox (S5)	4) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (R P,T) (R P,T) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ((S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A), 150B) a Soils (F19) (MLRA 149A	No No No No No No No No No No No No No N	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indica No No No No No No No No No No No No No	Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Grganic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface (Coast Prairie Redox Sandy Mucky Mineral Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I	4) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (R P,T) (R P,T) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ((S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A), 150B) a Soils (F19) (MLRA 149A	No No No No No No No No No No No No No N	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indica No No No No No No No No No No No No No	Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Minera Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I (if observed):	4) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (R P,T) (R P,T) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ((S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A), 150B) a Soils (F19) (MLRA 149A	Indicators for Pro	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indica No No No No No No No No No No No No No	Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I (if observed): None	4) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (R P,T) (R P,T) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ((S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A), 150B) a Soils (F19) (MLRA 149A	No No No No No No No No No No No No No N	iblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indica No No No No No No No No No No No No No	Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Minera Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I (if observed):	4) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (R P,T) (R P,T) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ((S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A), 150B) a Soils (F19) (MLRA 149A	Indicators for Pro	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indica No No No No No No No No No No No No No	Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I (if observed): None	4) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (R P,T) (R P,T) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ((S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A), 150B) a Soils (F19) (MLRA 149A	Indicators for Pro	iblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indica  No No No No No No No No No No No No No	Histol (A1) Histol (A1) Histoc Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (If (If observed): None	4) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (R P,T) (R P,T) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ((S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A), 150B) a Soils (F19) (MLRA 149A	Indicators for Pro	iblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indica No No No No No No No No No No No No No	Histol (A1) Histol (A1) Histoc Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (If (If observed): None	4) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (R P,T) (R P,T) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ((S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A), 150B) a Soils (F19) (MLRA 149A	Indicators for Pro	iblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indica  No No No No No No No No No No No No No	Histol (A1) Histol (A1) Histoc Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (If (If observed): None	4) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (R P,T) (R P,T) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ((S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A), 150B) a Soils (F19) (MLRA 149A	Indicators for Pro	iblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indica  No No No No No No No No No No No No No	Histol (A1) Histol (A1) Histoc Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (If (If observed): None	4) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (R P,T) (R P,T) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ((S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A), 150B) a Soils (F19) (MLRA 149A	Indicators for Pro	iblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indica  No No No No No No No No No No No No No	Histol (A1) Histol (A1) Histoc Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Mineral Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (If (If observed): None	4) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (R P,T) (R P,T) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ((S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A), 150B) a Soils (F19) (MLRA 149A	Indicators for Pro	iblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indica  No No No No No No No No No No No No No	Ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Miners Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I (If observed): None	4) )) ((LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) k (S4) LRR P, S, T, U)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Grate Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F17) Piedmont Floodplain Anomalous Bright L	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) b (F6) cce (F7) (F8)  1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A, 150B) a Soils (F19) (MLRA 149A) comy Soils (F20) (MRLA	Indicators for Pro	iblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indica  No No No No No No No No No No No No No	Ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Miners Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I (If observed): None	4) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR U) (R P,T) (R P,T) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) ((S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Grate Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F17) Piedmont Floodplain Anomalous Bright L	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) b (F6) cce (F7) (F8)  1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A, 150B) a Soils (F19) (MLRA 149A) comy Soils (F20) (MRLA	Indicators for Pro	iblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indica  No No No No No No No No No No No No No	Ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Miners Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I (If observed): None	4) )) ((LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) k (S4) LRR P, S, T, U)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Grate Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F17) Piedmont Floodplain Anomalous Bright L	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) b (F6) cce (F7) (F8)  1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A, 150B) a Soils (F19) (MLRA 149A) comy Soils (F20) (MRLA	Indicators for Pro	iblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indica  No No No No No No No No No No No No No	Ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Miners Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I (If observed): None	4) )) ((LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) k (S4) LRR P, S, T, U)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Grate Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F17) Piedmont Floodplain Anomalous Bright L	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) b (F6) cce (F7) (F8)  1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A, 150B) a Soils (F19) (MLRA 149A) comy Soils (F20) (MRLA	Indicators for Pro	iblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indica No No No No No No No No No No No No No	Ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Miners Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I (If observed): None	4) )) ((LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) k (S4) LRR P, S, T, U)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Grate Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F17) Piedmont Floodplain Anomalous Bright L	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) b (F6) cce (F7) (F8)  1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A, 150B) a Soils (F19) (MLRA 149A) comy Soils (F20) (MRLA	Indicators for Pro	iblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indica No No No No No No No No No No No No No	Ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5) Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface ( Coast Prairie Redox Sandy Mucky Miners Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I (If observed): None	4) )) ((LRR P,T,U) (A7) (LRR P,T,U) (LRR U) R P,T) k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) k (S4) LRR P, S, T, U)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Grate Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F17) Piedmont Floodplain Anomalous Bright L	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) x (F2) b (F6) cce (F7) (F8)  1) (MLRA 151) sses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A, 150B) a Soils (F19) (MLRA 149A) comy Soils (F20) (MRLA	Indicators for Pro	iblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)

VEGETATION					SAMPLING POINT	. 17
Tree Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status	Dominance Test Worksheet: Number of Dominant Species That	(A):
None			Ороссов		are OBL, FACW, or FAC	1
					Total Number of Dominant Species	
					Across All Strata	1
					Percent of Dominant Species	(A/B):
					That Are OBL, FACW, or FAC	100.00%
					1	
					Prevalence Index Worksheet:	
	0 = Total Cover	50/20 TI	hreshold o of Total Cover =	0	Total % Cover of:	Multiply
		20%	of Total Cover =	0	OBL x1=	
Sapling Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status	FACW x2= FAC x3=	
None			Ороссов		FACU x4=	
					UPL x5= A Totals B	
					Prevalence Index (B/A)=  Hydrophytic Vegetation Indicators	:
					Rapid Test for Hydrophytic Veg: Dominance Test > 50%:	
					Prevalence Index is ≤3.0:	N/A
					Problematic Hydrophytic Veg:	No
_	0 = Total Cover	50/20 TI			Definitions of Vegetation Strata:	
			of Total Cover =		Tree - Woody plants, excluding wood or more in height and 3" or larger in I	
Shrub Stratum	Plot Size: 30'	Absolute %	Dominant	Indicator Status	er mere in meigrik and er er langer in z	
None		Cover	Species		Sapling - Woody plants, excluding w	oody vines, approximately
					20' or more in height and less than 3'	' in DBH.
					<u> </u>	
					Shrub - Woody plants, excluding wood 20' in height.	ody vines, approximately 3-
					Herb - All herbaceous plants, including regardless of size. Includes woody plants	
					less than approximately 3' in height.	,,,
	0 = Total Cover		hreshold			
			of Total Cover =		Woody vine - All woody vines, regard	dless of height.
Herb Stratum	Plot Size: 30'	Absolute %	Dominant	Indicator Status	Remarks:	
Zizaniopsis miliacea		Cover 80	Species Yes	OBL	+	
Eleocharis baldwinii	-!	10	No	OBL		
Alternanthera philoxero	oldes	5	No	OBL	-	
					]	
					<u> </u>	
					4	
	95 = Total Cover	50/20 TI	hreshold			
		50%	of Total Cover =			
Woody Vine	Diet Sies, 201	Absolute %	of Total Cover =	Indicator Status	-	
Stratum None	Plot Size: 30'	Cover	Species	Indicator Status	4	
Tione					1	
					4	
					1	
					1	
					1	
					1	
	0 = Total Cover	50/20 TI	hreshold		Hudronhytic Vogetation Brocest?	
_			of Total Cover =	0	Hydrophytic Vegetation Present? Yes	
		20%	of Total Cover =	0		

Project/Site:	I-10: LA 415 to Es	ssen Lane on I-10 an	d I-12	Parish: West Bate	on Rouge	Sampling Date:	6/26/2017
Applicant/Owner:	Louisiana Department	t of Transportation and D	evelopment	State: Louisiana		Sampling Point:	18
Investigator(s):	Taylor Simoneaux		•	Section, Townshi	n Range:	Section 69, Towns	shin7S R12F
				Section, Townshi			
Landform (hillslop		Flat				ve, convex, none): N	
Subregion (LRR of	or MLRA):	LRR P	Lat: 30.441153	0	Long: -91.220109°		Datum: NAD83
Soil Map Unit Nar	me:	Tunica clay	-		<u>-</u>	NWI Classification	None
Are climatic / hvd	rologic conditions of	n the site typical for t	his time of year?	Yes (If no ex	plain in Remarks)	•	
Are Vegetation	, Soil ,	, or Hydrology	significantly distu	,	Are "Normal Circum	stances" present?	Yes
						•	
Are Vegetation	, Soil,	, or Hydrology	naturally problem	natic? No	(ii needed, explain a	any answers in Rema	IKS.)
SUMMARY OF F	INDINGS						
Hydrophytic Vege	etation Present?	N	0				
Hydric Soil Prese	nt?	Υ	es	Is the Sampled A	Area within a Wetlan	d?	No
Wetland Hydrolog		N		io tino oumpiou i		~.	110
, ,	gy r resent!	11	U				
Remarks:							
HYDROLOGY							
						0 1 1 1 1	(11 10)
Wetland Hydrolo						Secondary Indicat	
Primary Indicators	s (Need 1):					No	Surface Soil Cracked (B6)
No	Surface Water (A	1)	No	Water Stained Le	eaves (B9)	No	Sparsely Veg. Concave Surface (B8)
No	High Water Table	(A2)	No	Aquatic Fauna (B	113)	No	Drainage Patterns (B10)
	_	(* 12)			,		. ,
No	_ Saturation (A3)		No	Marl Deposits (B		No	Moss Trim Lines (B16)
No	Water Marks (B1)		No	Hydrogen Sulfide		No	Dry-Season Water Table (C2)
No	Sediment Deposit	ts (B2)	No	Oxidized Root C	hannels (C3)	No	Crayfish Burrows (C8)
No	Drift Deposits (B3	)	No	Presence of Red	uced Iron (C4)	No	Saturation on Aerial Imagery (C9)
No	Algal Mat or Crust		No		n Tilled Soils (C6)	No	Geomorphic Position (D2)
	_ ~	, ,		_	, ,		· , , ,
No	Iron Deposits (B5)	,	No	Thin Muck Surface		No	Shallow Aquitard (D3)
No	Inundation on Aer	ial Imagery (B7)	No	Other (Explain in	Remarks)	No	FAC-Neutral Test (D5)
	_		-		•	No	Sphagnum Moss (D8) (LRR T, U)
Field Observation	ne:					1,0	, , , , , , , , , , , , , , , , , , , ,
							B 40
Surface Water Pr		None	Depth (inches):	N/A		Wetland Hydrolo	<del></del>
Water table Prese	ent?	None	Depth (inches):	N/A			No
Saturation Preser	nt?	None	Depth (inches):	N/A			
Remarks:						•	
Remarks.							
COIL							
SOIL	·						
Depth		latrix			ox Features		Texture
Inches	Color	%	Color	%	Type	Location	
0-16	10YR 4/2	70	10YR 5/1	10	D	M	silty clay
			10YR 4/6	20	C	M	, ,
			10114/0	20	L C	IVI	
-				+			
Type: C=Concent	tration, D=Depletion	n, RM=Reduced Matr	ix, CS=Covered or	r Coated Sand Grai	ns	Location: PL=Pore	e Lining, M=Matrix
Hydric Soil Indic	cators:					Indicators for Pro	oblematic Soils:
-			NI-	Dalvaralus Dalaus Co	urface (SS) (LBB S T II)		
No	Histol (A1)		No		urface (S8) (LRR S,T,U)		1cm Muck (A9) (LRR O)
No	Histic Epipedon (A2	<u>(</u> )	No	Thin Dark Surface		No	2cm Muck (A10) (LRR S)
No	Black Histic (A3)		No	Loamy Mucky Mine	eral (F1) (LRR (O)	No	Reduced Vertic (F18) (outside MLRA 150A,B)
No	Hydrogen Sulfide (A	A4)	No	Loamy Gleyed Mat	rix (F2)	No	Piedmont Floodplain Soils (F19) (LRR P,S,T)
	Stratified Layers (As	,	Yes	Depleted Matrix (F3		No	Anomalous Bright Loamy Soils (F20) (MLRA 153B)
No		-,	100		-,		
No		\ /I DD D T !!\	Al-	Podov Park Curf	o (E6)		Ded Desent Meterial (TEQ)
No	Organic Bodies (A6		No	Redox Dark Surfac		No	Red Parent Material (TF2)
			No No	Redox Dark Surfact Depleted Dark Surf			Very Shallow Dark Surface (TF12)
No	Organic Bodies (A6	(A7) (LRR P,T,U)	No		face (F7)	No	•
No No No	Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8	(A7) (LRR P,T,U) () (LRR U)	No No	Depleted Dark Surf Redox Depressions	face (F7) s (F8)	No No	Very Shallow Dark Surface (TF12)
No No No	Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF	(A7) (LRR P,T,U) () (LRR U) (RR P,T)	No No No	Depleted Dark Surf Redox Depressions Marl (F10) (LRR U)	face (F7) s (F8)	No No	Very Shallow Dark Surface (TF12)
No No No No	Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar	(A7) (LRR P,T,U) (LRR U) (RR P,T) rk Surface (A11)	No No No	Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F	face (F7) s (F8) ) 11) (MLRA 151)	No No No	Very Shallow Dark Surface (TF12)
No No No	Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface	(A7) (LRR P,T,U) (LRR U) (RR P,T) rk Surface (A11) (A12)	No No No	Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M	face (F7) s (F8) ) 11) (MLRA 151) asses (F12) (LRR O,P,T	No No No	Very Shallow Dark Surface (TF12)
No No No No	Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface	(A7) (LRR P,T,U) (LRR U) (RR P,T) rk Surface (A11)	No No No	Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F	face (F7) s (F8) ) 11) (MLRA 151) asses (F12) (LRR O,P,T	No No No	Very Shallow Dark Surface (TF12)
No No No No No No	Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dai Thick Dark Surface Coast Prairie Redox	(A7) (LRR P,T,U) (A7) (LRR U) (RR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A)	No No No No No	Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F1	face (F7) s (F8) ) 11) (MLRA 151) asses (F12) (LRR O,P,T 13) (LRR P, T, U)	No No No	Very Shallow Dark Surface (TF12)
No No No No No No No No No No	Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dai Thick Dark Surface Coast Prairie Redoo Sandy Mucky Miner	(A7) (LRR P,T,U) (c) (LRR U) (RR P,T) (rk Surface (A11) (A12) (c) (A16) (MLRA 150A) (ral (S1) (LRR O,S)	No No No No No No	Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F1 Delta Ochric (F17)	face (F7) s (F8) ) 11) (MLRA 151) asses (F12) (LRR O,P,T  3) (LRR P, T, U) (MLRA 151)	No No No	Very Shallow Dark Surface (TF12)
No No No No No No No No No No No No No	Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dai Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri	(A7) (LRR P,T,U) (c) (LRR U) (RR P,T) (rk Surface (A11) (A12) (c) (A16) (MLRA 150A) (ral (S1) (LRR O,S)	No No No No No No No No No No No No	Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F1	face (F7) s (F8) ) 11) (MLRA 151) asses (F12) (LRR O,P,T (3) (LRR P, T, U) (MLRA 151) (8) (MLRA 150A, 150B)	No No No	Very Shallow Dark Surface (TF12)
No No No No No No No No No No No No No N	Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5)	(A7) (LRR P,T,U) (c) (LRR U) (RR P,T) (rk Surface (A11) (A12) (c) (A16) (MLRA 150A) (ral (S1) (LRR O,S)	No No No No No No No No No No No No	Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F1 Piedmont Floodplai	face (F7) s (F8) ) 11) (MLRA 151) asses (F12) (LRR O,P,T 13) (LRR P, T, U) (MLRA 151) (8) (MLRA 150A, 150B) in Soils (F19) (MLRA 14	No No No	Very Shallow Dark Surface (TF12)
No No No No No No No No No No No No No	Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dai Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri	(A7) (LRR P,T,U) (c) (LRR U) (RR P,T) (rk Surface (A11) (A12) (c) (A16) (MLRA 150A) (ral (S1) (LRR O,S)	No No No No No No No No No No No No	Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F1 Piedmont Floodplai	face (F7) s (F8) ) 11) (MLRA 151) asses (F12) (LRR O,P,T (3) (LRR P, T, U) (MLRA 151) (8) (MLRA 150A, 150B)	No No No	Very Shallow Dark Surface (TF12)
No No No No No No No No No No No No No N	Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5)	(A7) (LRR P,T,U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No No No No No No No No No No No No No	Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F1 Piedmont Floodplai	face (F7) s (F8) ) 11) (MLRA 151) asses (F12) (LRR O,P,T 13) (LRR P, T, U) (MLRA 151) (8) (MLRA 150A, 150B) in Soils (F19) (MLRA 14	No No No	Very Shallow Dark Surface (TF12)
No No No No No No No No No No No No No N	Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dal Thick Dark Surface Coast Prairie Redoy Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) ((	(A7) (LRR P,T,U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No No No No No No No No No No No No No	Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F1 Piedmont Floodplai	face (F7) s (F8) ) 11) (MLRA 151) asses (F12) (LRR O,P,T 13) (LRR P, T, U) (MLRA 151) (8) (MLRA 150A, 150B) in Soils (F19) (MLRA 14	No No No	Very Shallow Dark Surface (TF12)
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No No No No No No No No No No No No No N	Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (i rr (if observed):	(A7) (LRR P,T,U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No No No No No No No No No No No No No	Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F1 Piedmont Floodplai	face (F7) s (F8) ) 11) (MLRA 151) asses (F12) (LRR O,P,T 13) (LRR P, T, U) (MLRA 151) (8) (MLRA 150A, 150B) in Soils (F19) (MLRA 14	No No No	Very Shallow Dark Surface (TF12) Other (Explain)
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VEGETATION SAMPLING POINT 18 Absolute % Dominant Dominance Test Worksheet: Tree Stratum Plot Size: 30 Indicator Status Number of Dominant Species That Cover **Species** (A): Melia azedarach are OBL, FACW, or FAC UPL 20 Yes Broussonetia papyrifera Yes FACU Total Number of Dominant Species Across All Strata 8 Percent of Dominant Species (A/B): That Are OBL, FACW, or FAC 37.50% Prevalence Index Worksheet: 50/20 Threshold 25 Multiply = Total Cover Total % Cover of: 50% of Total Cover = 12.5 20% of Total Cover = OBL x1= Dominant FACW x2= Plot Size: 30' Sapling Stratum Indicator Status Cover Species FAC x3= FACU x4= None UPL x5= A Totals В 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: 50/20 Threshold 0 = Total Cover 50% of Total Cover = 0 Tree - Woody plants, excluding woody vines, approximately 20' 20% of Total Cover = or more in height and 3" or larger in DBH. Dominant Plot Size: 30' Shrub Stratum Indicator Status Cover Species Broussonetia papyrifera Sapling - Woody plants, excluding woody vines, approximately 20 Yes **FACU** Ligustrum japonicum 10 Yes FAC 20' or more in height and less than 3" in DBH. No FAC Quercus nigra 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. 50/20 Threshold 35 = Total Cover 50% of Total Cover = 17.5 Woody vine - All woody vines, regardless of height. 20% of Total Cover = Dominant Remarks: Plot Size: 30' Indicator Status Herb Stratum Cover **Species** Trifolium incarnatum NL (UPL) 30 Yes Paspalum notatum Yes 30 FACU Sorghum halepense 10 No FACU 50/20 Threshold 70 = Total Cover 50% of Total Cover = 35 20% of Total Cover = Woody Vine Dominant Plot Size: 30 Indicator Status Stratum Cover Species FACW 15 Yes Vitis rotundifolia 40 Yes FAC 50/20 Threshold Hydrophytic Vegetation Present? 55 = Total Cover 50% of Total Cover = 27.5

**PROVIDENCE** 040-012-001-035NG WDR DF

20% of Total Cover = 11

No

Project/Site:	I-10: LA 415 to Es	sen Lane on I-10 an	d I-12	Parish: East Bator	n Rouge	Sampling Date:	6/27/2017
Applicant/Owner:	Louisiana Department	of Transportation and De	evelopment	State: Louisiana		Sampling Point:	19
Investigator(s):	Taylor Simoneaux		· ·	Section, Township	Danga:		ship 7 South, Range 1 West
				Section, Township			
Landform (hillslop		Flat			Local Relief (concave	e, convex, none): N	
Subregion (LRR of	or MLRA):	LRR P	Lat: 30.444268	0	Long: -91.178415°		Datum: NAD83
Soil Map Unit Nar	me.	Udarents	•		•	NWI Classification	None
		n the site typical for t	nio timo of voor?	Voc. (If no ovr	olain in Remarks)		******
	-	• • •		, ,	,		
Are Vegetation		or Hydrology	significantly distu		Are "Normal Circums	tances" present?	Yes
Are Vegetation	, Soil,	or Hydrology	naturally problem	atic? No	(If needed, explain ar	ny answers in Rema	rks.)
SUMMARY OF F	INDINGS						
Hydrophytic Vege		Ye	20	T			
						_	
Hydric Soil Prese		N		is the Sampled A	rea within a Wetland	?	No
Wetland Hydrolog	y Present?	N	0				
Remarks:							
r torriarito.							
HYDROLOGY							
Wetland Hydrolo	av Indicators					Secondary Indicat	ors (Need 2):
						•	
Primary Indicators						No	Surface Soil Cracked (B6)
No	Surface Water (A	1)	No	_ Water Stained Lea	aves (B9)	No	Sparsely Veg. Concave Surface (B8)
No	High Water Table	(A2)	No	Aquatic Fauna (B	13)	No	Drainage Patterns (B10)
No	Saturation (A3)		No	Marl Deposits (B1	5) (LRR U)	No	Moss Trim Lines (B16)
	• ' '						
No	Water Marks (B1)		No	Hydrogen Sulfide		No	Dry-Season Water Table (C2)
No	Sediment Deposit	s (B2)	No	Oxidized Root Ch		No	Crayfish Burrows (C8)
No	Drift Deposits (B3	)	No	Presence of Redu	ced Iron (C4)	No	Saturation on Aerial Imagery (C9)
No	Algal Mat or Crust	,	No	Recent Reduct. in	` '	No	Geomorphic Position (D2)
							,
No	Iron Deposits (B5)		No	Thin Muck Surface	, ,	No	Shallow Aquitard (D3)
No	Inundation on Aer	ial Imagery (B7)	No	Other (Explain in I	Remarks)	No	FAC-Neutral Test (D5)
	_	/		• • •	•	No	Sphagnum Moss (D8) (LRR T, U)
E: 1101 //						110	opriagram moss (Bo) (Erat 1, G)
Field Observatio						L	
Surface Water Pro	esent?	None	Depth (inches):	N/A		Wetland Hydrolo	gy Present?
Water table Prese	ent?	None	Depth (inches):	N/A			No
Saturation Preser	nt?	None		N/A			
	IL!	None	Depth (inches):	N/A			
Remarks:							
SOIL							
Depth	M	atrix		Redo	x Features		Texture
			0-1			1 4!	I OALLI O
Inches	Color	%	Color	%	Туре	Location	
0-3	10YR 5/3	100					silt loam
2-16	10YR 5/4	90	10YR 5/6	10	С	M	silt loam
	.0		10111070		<del></del>	***	
	1						
Type: C=Concent	ration, D=Depletion	, RM=Reduced Matr	x, CS=Covered or	Coated Sand Grain	as	Location: PL=Pore	Lining, M=Matrix
Type: C=Concent	ration, D=Depletion	, RM=Reduced Matr	x, CS=Covered or	Coated Sand Grain	s	Location: PL=Pore	Lining, M=Matrix
**		, RM=Reduced Matr	x, CS=Covered or	Coated Sand Grain	s		-
Hydric Soil Indic	ators:	, RM=Reduced Matr				Indicators for Pro	oblematic Soils:
**	ators: Histol (A1)		No	Polyvalue Below Su	rface (S8) (LRR S,T,U)	Indicators for Pro	oblematic Soils: 1cm Muck (A9) (LRR O)
Hydric Soil Indic	ators:				rface (S8) (LRR S,T,U)	Indicators for Pro	oblematic Soils:
Hydric Soil Indic	ators: Histol (A1) Histic Epipedon (A2		No No	Polyvalue Below Su	rface (S8) (LRR S,T,U) S9) (LRR S,T,U)	Indicators for Pro	oblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S)
Hydric Soil Indic No No No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3)	)	No No No	Polyvalue Below Su Thin Dark Surface (	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O)	No No No	oblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B)
Hydric Soil Indic No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A	)	No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matr	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2)	Indicators for Pro	Discontantic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)
Hydric Soil Indic No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6	) ,4) 5)	No No No	Polyvalue Below Su Thin Dark Surface (i Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2)	Indicators for Pro	oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)
Hydric Soil Indic No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A	) ,4) 5)	No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matr	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2)	Indicators for Pro	Discontantic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)
Hydric Soil Indic No No No No No No	Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6 Organic Bodies (A6	) x4) 5) ) (LRR P,T,U)	No No No No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) b (F6)	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)
Hydric Soil Indic No No No No No No No	Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6 Organic Bodies (A6 5cm Mucky Mineral	) ;4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U)	No No No No No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7)	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8	) ,4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U)	No No No No No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7)	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)
Hydric Soil Indic No No No No No No No	Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6 Organic Bodies (A6 5cm Mucky Mineral	) ,4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U)	No No No No No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7)	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic No No No No No No No No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8	) (4) 5) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U)	No No No No No No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) ) te (F6) ace (F7) (F8)	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic No No No No No No No No	Ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar	) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) k Surface (A11)	No No No No No No No No No No No No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151)	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Lepieted Below Dar Thick Dark Surface	) (44) (5) () (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RP,T) (R Surface (A11) (A12)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) asses (F12) (LRR O,P,T)	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A) Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Thick Dark Surface Coast Prairie Redox	) (44) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) (R P,T) (k Surface (A11) (A12) ((A16) (MLRA 150A)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Iron-Manganese Ma Umbric Surface (F1:	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8)  1) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U)	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Lepieted Below Dar Thick Dark Surface	) (44) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) (R P,T) (k Surface (A11) (A12) ((A16) (MLRA 150A)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8)  1) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U)	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ators: Histol (A1) Histol (A1) Histol (Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dan Thick Dark Surface Coast Prairie Redov Sandy Mucky Miner	) (A4) (b) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (K Surface (A11) (A12) (A12) (A16) (MLRA 150A) (A1 (S1) (LRR O,S)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) (	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8)  1) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151)	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Organic Bodies (A6 Scm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dat Thick Dark Surface Coast Prairie Redoy Sandy Mucky Miner Sandy Gleyed Matri	) (A4) (b) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (K Surface (A11) (A12) (A12) (A16) (MLRA 150A) (A1 (S1) (LRR O,S)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Octnic (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) ( Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) ) te (F6) ace (F7) (F8) 1) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A, 150B)	No No No No No No No No No No No No No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Lock Presence (A8 Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5)	) (A4) (b) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (K Surface (A11) (A12) (A12) (A16) (MLRA 150A) (A1 (S1) (LRR O,S)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) ( Reduced Vertic (F17) Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Organic Bodies (A6 Scm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dat Thick Dark Surface Coast Prairie Redoy Sandy Mucky Miner Sandy Gleyed Matri	) (A4) (b) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (K Surface (A11) (A12) (A12) (A16) (MLRA 150A) (A1 (S1) (LRR O,S)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) ) te (F6) ace (F7) (F8) 1) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150A, 150B)	Indicators for Pro No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Lock Presence (A8 Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5)	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A) Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Miner Sandy Gleyed Marti Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) ((	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histol (A1) Histol (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	No No No No No No No No No No No No No N	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed): None	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro No	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histol (A1) Histol (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	No No No No No No No No No No No No No N	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed): None	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) ( Reduced Vertic (F17) Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	No No No No No No No No No No No No No N	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed): None	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) ( Reduced Vertic (F17) Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	No No No No No No No No No No No No No N	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed): None	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) ( Reduced Vertic (F17) Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	No No No No No No No No No No No No No N	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed): None	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) ( Reduced Vertic (F17) Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	No No No No No No No No No No No No No N	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed): None	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) ( Reduced Vertic (F17) Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	No No No No No No No No No No No No No N	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed): None	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) ( Reduced Vertic (F17) Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	No No No No No No No No No No No No No N	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed): None	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) ( Reduced Vertic (F17) Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	No No No No No No No No No No No No No N	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed): None	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) ( Reduced Vertic (F17) Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	No No No No No No No No No No No No No N	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed): None	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) ( Reduced Vertic (F17) Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	No No No No No No No No No No No No No N	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed): None	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) ( Reduced Vertic (F17) Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	No No No No No No No No No No No No No N	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed): None	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) ((A7) (LRR U) (R P,T) (k Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) ( Reduced Vertic (F17) Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 3) (MLRA 150B) n Soils (F19) (MLRA 149	No No No No No No No No No No No No No N	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)

VEGETATION					SAMPLING POINT	1
Tree Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status	Dominance Test Worksheet: Number of Dominant Species That	(A):
Pinus Taeda		20	Yes	FAC	are OBL, FACW, or FAC	2
					Total Number of Dominant Species	
					Across All Strata	2
					Percent of Dominant Species	(A/B):
					That Are OBL, FACW, or FAC	100.00%
					Prevalence Index Worksheet:	
	20 = Total Cover		hreshold		Total % Cover of:	Multiply
			of Total Cover =		OBL x1=	
Sapling Stratum	Plot Size: 30'	Absolute %	Dominant	Indicator Status	FACW x2=	
None	11010120.00	Cover	Species	Indicator Status	FAC x3= FACU x4=	
TVOTIC					UPL x5=	
					A Totals B	
		<u> </u>			Prevalence Index (B/A)=	
					Hydrophytic Vegetation Indicators:  Rapid Test for Hydrophytic Veg:	No
		<u> </u>			Dominance Test > 50%:	Yes
					Prevalence Index is ≤3.0:	
		1	<u> </u>	1	Problematic Hydrophytic Veg:  Definitions of Vegetation Strata:	No
	0 = Total Cover		hreshold of Total Cover =	0	_	dana anno di catalo and
			of Total Cover =		Tree - Woody plants, excluding wood or more in height and 3" or larger in D	
Shrub Stratum	Plot Size: 30'	Absolute %	Dominant	Indicator Status		
None		Cover	Species	1	Sapling - Woody plants, excluding we	oody vines, approximately
					20' or more in height and less than 3"	
					Shrub - Woody plants, excluding woo	ody vines, approximately 3-
					20' in height.	
					Herb - All herbaceous plants, includir	
					regardless of size. Includes woody pla less than approximately 3' in height.	ants, except woody vines,
	- T.110	50/00 T				
_	0 = Total Cover		hreshold of Total Cover =	0	Woody vine - All woody vines, regard	dless of height.
		Absolute %	of Total Cover =	0		
Herb Stratum	Plot Size: 30'	Cover	Dominant Species	Indicator Status	Remarks:	
Stenotaphrum secun	datum	80	Yes	FAC		
		50/20 T	hreshold			
	80 = Total Cover	50%	of Total Cover =	40		
Woody Vine		Absolute %	of Total Cover =	16		
Stratum	Plot Size: 30'	Cover	Species	Indicator Status		
None						
					<u> </u>	
					_	
		<u> </u>			<u> </u>	
	0 = Total Cover	50/20 T	hreshold		Hydrophytic Vegetation Present?	
_			of Total Cover =		Yes	
		20%	of Total Cover =	0	1	

Project/Site:							
Froject/Site.	I-10: LA 415 to Es	sen Lane on I-10 and	d I-12	Parish: East Bator	n Rouge	Sampling Date:	6/27/2017
Applicant/Owner:	Louisiana Department	t of Transportation and De	evelopment	State: Louisiana		Sampling Point:	20
Investigator(s):	Taylor Simoneaux			Section, Township	Dongo:		ship 7 South, Range 1 West
				Occion, Township			
Landform (hillslop		Flat			Local Relief (concave	e, convex, none): No	
Subregion (LRR o	or MLRA):	LRR P	Lat: 30.440223	0	Long: -91.179253°		Datum: NAD83
Soil Map Unit Nar	ne.	Udarents	•		•	NWI Classification	: None
		n the site typical for t	nie time of year?	Vec (If no eyr	olain in Remarks)		
	-	• • •					V
Are Vegetation		or Hydrology	significantly distu		Are "Normal Circums		Yes
Are Vegetation	, Soil,	or Hydrology	naturally problem	atic? No	(If needed, explain ar	ny answers in Rema	rks.)
SUMMARY OF F	INDINGS						
Hydrophytic Vege		Ye	20				
				1- 41- 01-4 4		10	
Hydric Soil Preser		Ye		is the Sampled A	rea within a Wetland	1 <b>.</b>	No
Wetland Hydrolog	y Present?	N	0				
Remarks:				-			
HYDROLOGY							
Wetland Hydrolo	gy Indicators					Secondary Indicat	ors (Need 2):
Primary Indicators						No	Surface Soil Cracked (B6)
		4)	M-	Mater Ctained La	(DO)		
No	Surface Water (A	,	No	Water Stained Lea	, ,	No	Sparsely Veg. Concave Surface (B8)
No	_ High Water Table	(A2)	No	_Aquatic Fauna (B	13)	No	Drainage Patterns (B10)
No	Saturation (A3)		No	Marl Deposits (B1	5) (LRR U)	No	Moss Trim Lines (B16)
No	Water Marks (B1)		No	Hydrogen Sulfide		No	Dry-Season Water Table (C2)
	• • • • • • • • • • • • • • • • • • • •						
No	Sediment Deposit		No	Oxidized Root Ch		No	Crayfish Burrows (C8)
No	Drift Deposits (B3	)	No	Presence of Redu	iced Iron (C4)	No	Saturation on Aerial Imagery (C9)
No	Algal Mat or Crust	t (B4)	No	Recent Reduct. in	Tilled Soils (C6)	No	Geomorphic Position (D2)
No	Iron Deposits (B5)		No	Thin Muck Surface		No	Shallow Aquitard (D3)
	_ ' '	,			, ,		
No	Inundation on Aer	iai imagery (B7)	No	Other (Explain in I	remarks)	No	FAC-Neutral Test (D5)
						No	Sphagnum Moss (D8) (LRR T, U)
Field Observatio	ns:					Т	· · · · · · · · · · · · · · · · · · ·
Surface Water Pre		Nama	Donth (inches).	N/A		Wetland Hydrolo	av Brosont?
		None	Depth (inches):			Wetland Hydrolo	
Water table Prese	ent?	None	Depth (inches):	N/A			No No
Saturation Presen	nt?	None	Depth (inches):	N/A			·
Remarks:				•			
ixemarks.							
SOIL							
							·
Depth	M	latrix			x Features		Texture
Inches	Color	%	Color	%	Type	Location	
0-2	10YR 3/1	100				Т	silt loam
2-16	10YR 4/1	85	40VD E/6	15	С	M	silt loam
2-10	10114/1	00	10YR 5/6	10	C	IVI	Silt Iodili
						+	
	1						
Type: C=Concent	ration, D=Depletion	, RM=Reduced Matr	x, CS=Covered or	Coated Sand Grain	is	Location: PL=Pore	Lining, M=Matrix
Type: C=Concent	ration, D=Depletion	, RM=Reduced Matr	x, CS=Covered or	Coated Sand Grain	ns	Location: PL=Pore	Lining, M=Matrix
**		, RM=Reduced Matr	x, CS=Covered or	Coated Sand Grain	ns		
Hydric Soil Indic	ators:	, RM=Reduced Matr				Indicators for Pro	oblematic Soils:
**	ators: Histol (A1)		No	Polyvalue Below Su	rrface (S8) (LRR S,T,U)	Indicators for Pro	oblematic Soils: 1cm Muck (A9) (LRR O)
Hydric Soil Indic	ators:				rrface (S8) (LRR S,T,U)	Indicators for Pro	oblematic Soils:
Hydric Soil Indic	ators: Histol (A1) Histic Epipedon (A2		No No	Polyvalue Below Su	urface (S8) (LRR S,T,U) S9) (LRR S,T,U)	Indicators for Pro	oblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S)
Hydric Soil Indic No No No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3)	)	No No No	Polyvalue Below Su Thin Dark Surface (	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O)	No No No	oblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B)
Hydric Soil Indic No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A	.)	No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matr	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2)	No No No No	oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)
Hydric Soil Indic No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6	.) .4) 5)	No No No No Yes	Polyvalue Below Su Thin Dark Surface (i Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2)	Indicators for Pro	oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)
Hydric Soil Indic No No No No	Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6 Organic Bodies (A6	.) v4) 5) ) (LRR P,T,U)	No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matr	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2)	No No No No	oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)
Hydric Soil Indic No No No No No No No No	Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6 Organic Bodies (A6	.) v4) 5) ) (LRR P,T,U)	No No No No Yes No	Polyvalue Below Su Thin Dark Surface (i Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) )	Indicators for Pro	oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)
Hydric Soil Indic No No No No No No No No No No No No	Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6 Organic Bodies (A6 5cm Mucky Mineral	) iv4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U)	No No No No Yes No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface	rrface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) a (F6) ace (F7)	Indicators for Pro	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8	(A4) (5) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U)	No No No No Yes No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions	rrface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ) b (F6) ace (F7) (F8)	Indicators for Pro	oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)
Hydric Soil Indic No No No No No No No No No No No No No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF	(4) (5) ((LRR P,T,U) ((A7) (LRR P,T,U) () (LRR U) (RR P,T)	No No No No Yes No No No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U)	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ) e (F6) ace (F7) (F8)	Indicators for Pro	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8	(4) (5) ((LRR P,T,U) ((A7) (LRR P,T,U) () (LRR U) (RR P,T)	No No No No Yes No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ) e (F6) ace (F7) (F8)	Indicators for Pro	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic No No No No No No No No No No No No No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF	(4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11)	No No No No No Yes No No No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ) (F6) ace (F7) (F8)	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Lepieted Below Dar Thick Dark Surface	(A) (A) (CLRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RR	No No No No No Yes No No No No No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ) 9 (F6) ace (F7) (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T)	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A) Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Thick Dark Surface Coast Prairie Redox	(A4) (5) (ICRR P,T,U) (A7) (LRR P,T,U) (ICRR U) (RR P,T) rk Surface (A11) (A12) (A16) (MLRA 150A)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Iron-Manganese Ma Umbric Surface (F1:	rrface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) 11) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U)	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histol (A1) Histol (Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dan Thick Dark Surface Coast Prairie Redov Sandy Mucky Miner	(A4) (5) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	No No No No No Yes No No No No No No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma	rrface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) 11) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U)	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A) Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Thick Dark Surface Coast Prairie Redox	(A4) (5) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) (	rrface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8) 11) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U)	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic No No No No No No No No No No No No No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Organic Bodies (A6 Scm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dat Thick Dark Surface Coast Prairie Redoy Sandy Mucky Miner Sandy Gleyed Matri	(A4) (5) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	No No No No Yes No No No No No No No No No No No No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese (F1: Delta Ochric (F17) ( Reduced Vertic (F18)	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ) 6 (F6) ace (F7) (F8) 11) (MLRA 151) sisses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) B) (MLRA 150A, 150B)	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Lock Presence (A8 Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5)	(A4) (5) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	No   No   No   No   No   No   No   No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) ( Reduced Vertic (F17) Reduced Vertic (F18)	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ) (F6) ace (F7) (F8) (I1) (MLRA 151) asses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 150B) in Soils (F19) (MLRA 149	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LE Depleted Below Dai Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6)	(A16) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RP P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No No No No Yes No No No No No No No No No No No No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) ( Reduced Vertic (F17) Reduced Vertic (F18)	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ) 6 (F6) ace (F7) (F8) 11) (MLRA 151) sisses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) B) (MLRA 150A, 150B)	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A) Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Darrhick Dark Surface Coast Prairie Redov Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I	(A16) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RP P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) ( Reduced Vertic (F17) Reduced Vertic (F18)	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ) (F6) ace (F7) (F8) (I1) (MLRA 151) asses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 150B) in Soils (F19) (MLRA 149	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A) Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Darrhick Dark Surface Coast Prairie Redov Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I	(A16) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RP P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) ( Reduced Vertic (F17) Reduced Vertic (F18)	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ) (F6) ace (F7) (F8) (I1) (MLRA 151) asses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 150B) in Soils (F19) (MLRA 149	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histol (A1) Histol (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir	(A16) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RP P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) ( Reduced Vertic (F17) Reduced Vertic (F18)	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ) (F6) ace (F7) (F8) (I1) (MLRA 151) asses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 150B) in Soils (F19) (MLRA 149	Indicators for Pro	oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic No No No No No No No No No No No No No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed): None	(A16) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RP P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) ( Reduced Vertic (F17) Reduced Vertic (F18)	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ) (F6) ace (F7) (F8) (I1) (MLRA 151) asses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 150B) in Soils (F19) (MLRA 149	Indicators for Pro	boblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histol (A1) Histol (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir	(A16) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RP P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) ( Reduced Vertic (F17) Reduced Vertic (F18)	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ) (F6) ace (F7) (F8) (I1) (MLRA 151) asses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 150B) in Soils (F19) (MLRA 149	Indicators for Pro	oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic No No No No No No No No No No No No No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed): None	(A16) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RP P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) ( Reduced Vertic (F17) Reduced Vertic (F18)	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ) (F6) ace (F7) (F8) (I1) (MLRA 151) asses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 150B) in Soils (F19) (MLRA 149	Indicators for Pro	bolematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed): None	(A16) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RP P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) ( Reduced Vertic (F17) Reduced Vertic (F18)	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ) (F6) ace (F7) (F8) (I1) (MLRA 151) asses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 150B) in Soils (F19) (MLRA 149	Indicators for Pro	boblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic No No No No No No No No No No No No No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed): None	(A16) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RP P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ) (F6) ace (F7) (F8) (I1) (MLRA 151) asses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 150B) in Soils (F19) (MLRA 149	Indicators for Pro	boblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed): None	(A16) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RP P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ) (F6) ace (F7) (F8) (I1) (MLRA 151) asses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 150B) in Soils (F19) (MLRA 149	Indicators for Pro	boblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed): None	(A16) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RP P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ) (F6) ace (F7) (F8) (I1) (MLRA 151) asses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 150B) in Soils (F19) (MLRA 149	Indicators for Pro	boblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed): None	(A16) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RP P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ) (F6) ace (F7) (F8) (I1) (MLRA 151) asses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 150B) in Soils (F19) (MLRA 149	Indicators for Pro	boblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed): None	(A16) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RP P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ) (F6) ace (F7) (F8) (I1) (MLRA 151) asses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 150B) in Soils (F19) (MLRA 149	Indicators for Pro	boblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed): None	(A16) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RP P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ) (F6) ace (F7) (F8) (I1) (MLRA 151) asses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 150B) in Soils (F19) (MLRA 149	Indicators for Pro	boblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed): None	(A16) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RP P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ) (F6) ace (F7) (F8) (I1) (MLRA 151) asses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 150B) in Soils (F19) (MLRA 149	Indicators for Pro	boblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	ators: Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed): None	(A16) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (RP P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) al (S1) (LRR O,S) (X (S4)	No   No   No   No   No   No   No   No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Detta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	urface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) ) (F6) ace (F7) (F8) (I1) (MLRA 151) asses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 150B) in Soils (F19) (MLRA 149	Indicators for Pro	boblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)

VEGETATION SAMPLING POINT 20 Absolute % Dominant Dominance Test Worksheet: Tree Stratum Plot Size: 30 Indicator Status Number of Dominant Species That Cover **Species** (A): Ulmus americana are OBL, FACW, or FAC FAC 20 Yes Celtis laevigata 20 Yes FACW Total Number of Dominant Species No FAC Quercus nigra 10 Across All Strata Triadica sebifera 10 No FAC 6 FACU Liriodendron tulipifera 10 No Percent of Dominant Species (A/B): That Are OBL, FACW, or FAC 66.67% Prevalence Index Worksheet: 50/20 Threshold 70 Multiply = Total Cover Total % Cover of: 50% of Total Cover = 35 20% of Total Cover = OBL x1= Dominant FACW x2= Plot Size: 30' Sapling Stratum Indicator Status Cover Species FAC x3= FACU x4= None UPL x5= A Totals В 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: 50/20 Threshold 0 = Total Cover 50% of Total Cover = 0 Tree - Woody plants, excluding woody vines, approximately 20' 20% of Total Cover = or more in height and 3" or larger in DBH. Dominant Plot Size: 30' Shrub Stratum Indicator Status Cover Species Ligustrum sinense Sapling - Woody plants, excluding woody vines, approximately 30 Yes FAC 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. 50/20 Threshold 30 = Total Cover 50% of Total Cover = 15 Woody vine - All woody vines, regardless of height. 20% of Total Cover = Dominant Remarks: Plot Size: 30' Indicator Status Herb Stratum Cover Species Setaria italica FACU 70 Yes Mimosa pudica 20 Yes FACU Ipomoea purpurea 10 No UPL 50/20 Threshold 50% of Total Cover = 50 = Total Cover 20% of Total Cover = Woody Vine Dominant Plot Size: 30' Indicator Status Cover Species Stratum Toxicodendron radicans FAC 10 Yes 50/20 Threshold Hydrophytic Vegetation Present? 10 = Total Cover 50% of Total Cover = 5 Yes 20% of Total Cover =

Duningt/Cites							
Project/Site:	I-10: LA 415 to Es	ssen Lane on I-10 and	d I-12	Parish: East Bato	on Rouge	Sampling Date:	6/27/2017
Applicant/Owner:	Louisiana Department	t of Transportation and De	evelopment	State: Louisiana		Sampling Point:	21
Investigator(s):	Taylor Simoneaux			Section, Townshi	in Bongo:		ship 7 South, Range 1 East
				Section, Townshi			
Landform (hillslop		Flat				ve, convex, none): No	
Subregion (LRR o	or MLRA):	LRR P	Lat: 30.416589	•	Long: -91.098377°		Datum: NAD83
Soil Map Unit Nar		Oprairie silt, 0 to 1	percent slopes		•	NWI Classification	None
		n the site typical for t		Voc. (If no ov	plain in Remarks)	TTTT Gladdindaloi	
1	•	,,	,	, ,	. ,		
Are Vegetation	, Soil,	, or Hydrology	_ significantly distu		Are "Normal Circum	istances" present?	Yes
Are Vegetation	, Soil,	, or Hydrology	_ naturally problem	natic? No	(If needed, explain a	any answers in Rema	rks.)
SUMMARY OF F	INDINGS						
Hydrophytic Vege		V	es	_			
				l			
Hydric Soil Prese			lo	is the Sampled A	Area within a Wetlan	d?	No
Wetland Hydrolog	gy Present?	N	iO				
Remarks:							
rtomanto.							
HYDROLOGY							
Wetland Hydrolo	av Indicators					Secondary Indicat	tors (Need 2):
,	•					•	
Primary Indicators						No	Surface Soil Cracked (B6)
No	Surface Water (A	1)	No	Water Stained Le	eaves (B9)	No	Sparsely Veg. Concave Surface (B8)
No	High Water Table	(A2)	No	Aquatic Fauna (B	313)	No	Drainage Patterns (B10)
No	Saturation (A3)	` '	No	Marl Deposits (B1	,	No	Moss Trim Lines (B16)
	• ' '						
No	Water Marks (B1)		No	Hydrogen Sulfide		No	_Dry-Season Water Table (C2)
No	Sediment Deposit	s (B2)	No	Oxidized Root Cl	hannels (C3)	No	Crayfish Burrows (C8)
No	Drift Deposits (B3	, ,	No	Presence of Redu	, ,	No	Saturation on Aerial Imagery (C9)
		•			n Tilled Soils (C6)		Geomorphic Position (D2)
No	Algal Mat or Crust		No	_	, ,	No	• ` ` ′
No	_Iron Deposits (B5)	)	No	Thin Muck Surfac	ce (C7)	No	Shallow Aquitard (D3)
No	Inundation on Aer	ial Imagery (B7)	No	Other (Explain in	Remarks)	No	FAC-Neutral Test (D5)
	-	J , (=-)		_ \	,	No	Sphagnum Moss (D8) (LRR T, U)
						INU	Spriagrium Moss (Do) (ERR 1, 0)
Field Observatio	ns:						
Surface Water Pro	esent?	None	Depth (inches):	N/A		Wetland Hydrolo	gy Present?
Water table Prese	ent?	None	Depth (inches):	N/A		1	No
			,				
Saturation Preser	nt?	None	Depth (inches):	N/A			
Remarks:							
SOIL							
		-4-1		D. d.	F		Tautum
Depth		latrix			ox Features		Texture
Inches	Color	%	Color	%	Type	Location	
0-16	10YR 4/3	100	1	Ί			silt loam
		+	+	+		-	
			ļ				
		+	+	+		-	
		<b></b>	ļ	4			
		DM-Peduced Matr	iv CS=Covered o	r Coated Sand Grain	ne	Location: PL =Por	E Lining, M=Matrix
Type: C=Concept		i, itivi-iteuuceu iviali	ix, Co-covered of	Coaled Salid Grail	115	Location. FL-Fore	E LITHING, IVI-IVIAUIX
Type: C=Concent	tration, D=Depletion						
••							
Type: C=Concent  Hydric Soil Indic						Indicators for Pro	oblematic Soils:
Hydric Soil Indic	ators:		No	Polyvalue Below Su	urface (S8) (LRR S,T,U)		
Hydric Soil Indic	eators: Histol (A1)	)	No No		urface (S8) (LRR S,T,U)	No	1cm Muck (A9) (LRR O)
Hydric Soil Indic	ators: Histol (A1) Histic Epipedon (A2	)	No	Thin Dark Surface (	(S9) (LRR S,T,U)	No No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S)
Hydric Soil Indic No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3)		No No	Thin Dark Surface ( Loamy Mucky Mine	(S9) (LRR S,T,U) eral (F1) (LRR (O)	No No No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B)
Hydric Soil Indic	ators: Histol (A1) Histic Epipedon (A2		No	Thin Dark Surface (	(S9) (LRR S,T,U) eral (F1) (LRR (O)	No No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S)
Hydric Soil Indic No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A	A4)	No No No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mate	(S9) (LRR S,T,U) eral (F1) (LRR (O) rix (F2)	No No No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T)
Hydric Soil Indic No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5	A4) 5)	No No No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3	(S9) (LRR S,T,U) eral (F1) (LRR (O) rix (F2) 3)	No No No No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B)
Hydric Soil Indic No No No No No No	Histol (A1) Histoi Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6 Organic Bodies (A6	A4) 5) ) (LRR P,T,U)	No No No No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface	(S9) (LRR S,T,U) eral (F1) (LRR (O) trix (F2) 3) te (F6)	No No No No No No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2)
Hydric Soil Indic No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5	A4) 5) ) (LRR P,T,U)	No No No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3	(S9) (LRR S,T,U) eral (F1) (LRR (O) trix (F2) 3) te (F6)	No No No No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
Hydric Soil Indic No No No No No No No	Histol (A1) Histo Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6 Organic Bodies (A6 5cm Mucky Mineral	A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U)	No No No No No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface	(S9) (LRR S,T,U) eral (F1) (LRR (O) trix (F2) 3) ee (F6) face (F7)	No No No No No No No No No No No No No N	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	Histol (A1) Histol (A1) Histoc Epipedon (A2 Black Histoc (A3) Hydrogen Sulfide (A Strattfied Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8	A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) 5) (LRR U)	No No No No No No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions	(S9) (LRR S,T,U) eral (F1) (LRR (O) rrix (F2) 3) ee (F6) face (F7) s (F8)	No No No No No No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
Hydric Soil Indic No No No No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF	A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T)	No No No No No No No No No No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U)	(S9) (LRR S,T,U) eral (F1) (LRR (O) rix (F2) 3) 3) ee (F6) face (F7) s (F8)	No No No No No No No No No No No No No N	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
Hydric Soil Indic No No No No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar	(A4) (5) (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) (RR P,T) rk Surface (A11)	No No No No No No No No No No No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F-	(S9) (LRR S,T,U) eral (F1) (LRR (O) trix (F2) so ee (F6) face (F7) so (F8) ) 111) (MLRA 151)	No No No No No No No No No No No No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
Hydric Soil Indic No No No No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF	(A4) (5) (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) (RR P,T) rk Surface (A11)	No No No No No No No No No No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F-	(S9) (LRR S,T,U) eral (F1) (LRR (O) rix (F2) 3) 3) ee (F6) face (F7) s (F8)	No No No No No No No No No No No No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Depleted Below Dar Thick Dark Surface	A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12)	No No No No No No No No No No No No No N	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F-	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) 3) ee (F6) face (F7) s (F8) ) 11) (MLRA 151) lasses (F12) (LRR O,P,T	No No No No No No No No No No No No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	Histol (A1) Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A) Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Darthick Dark Surface Coast Prairie Redox	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) (RR P,T) (RR S) (A12) (A12) (A16) (MLRA 150A)	No No No No No No No No No No No No No N	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese Ma Umbric Surface (F1	(S9) (LRR S,T,U) eral (F1) (LRR (O) erix (F2) 3) ee (F6) face (F7) s (F8) ) 11) (MLRA 151) asses (F12) (LRR O,P,1 13) (LRR P, T, U)	No No No No No No No No No No No No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No No No No No No No No No No No No No	Histol (A1) Histol (A1) Histoc Epipedon (A2 Black Histoc (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Miner	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) (RR P,T) (RR Surface (A11) (A12) (A12) (A16) (MLRA 150A) (A16) (LRR O,S)	No No No No No No No No No No No No No N	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1ron-Manganese M1 Umbric Surface (F1 Delta Ochric (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) erix (F2) 3) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 13) (LRR P, T, U) (MLRA 151)	No No No No No No No No No No No No No N	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Organic Bodies (A6 Som Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dat Thick Dark Surface Coast Prairie Redoy Sandy Mucky Miner	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) (RR P,T) (RR Surface (A11) (A12) (A12) (A16) (MLRA 150A) (A16) (LRR O,S)	No No No No No No No No No No No No No N	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1ron-Manganese M1 Umbric Surface (F1 Delta Ochric (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) erix (F2) 3) ee (F6) face (F7) s (F8) ) 11) (MLRA 151) asses (F12) (LRR O,P,1 13) (LRR P, T, U)	No No No No No No No No No No No No No N	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
Hydric Soil Indic	Histol (A1) Histol (A1) Histoc Epipedon (A2 Black Histoc (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Miner	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) (RR P,T) (RR Surface (A11) (A12) (A12) (A16) (MLRA 150A) (A16) (LRR O,S)	No   No   No   No   No   No   No   No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matt Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Depleted Dark Surface Mart (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Mi Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U)  pral (F1) (LRR (O)  rix (F2)  3)  se (F6)  face (F7)  s (F8)  )  11) (MLRA 151)  asses (F12) (LRR O,P,1  13) (LRR P, T, U)  (MLRA 151)  18) (MLRA 150A, 150B)	No   No   No   No   No   No   No   No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No No No No No No No No No No No No No	Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) (RR P,T) (RR Surface (A11) (A12) (A12) (A16) (MLRA 150A) (A16) (LRR O,S)	No   No   No   No   No   No   No   No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) ix) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 i3) (LRR P, T, U) (MLRA 151) in Soils (F19) (MLRA 14	No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No No No No No No No No No No No No No	Histol (A1) Histol (A1) Histor Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A) Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6)	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No   No   No   No   No   No   No   No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U)  pral (F1) (LRR (O)  rix (F2)  3)  se (F6)  face (F7)  s (F8)  )  11) (MLRA 151)  asses (F12) (LRR O,P,1  13) (LRR P, T, U)  (MLRA 151)  18) (MLRA 150A, 150B)	No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	Histol (A1) Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A) Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Darinick Dark Surface Coast Prairie Redov Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (i	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No   No   No   No   No   No   No   No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) ix) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 i3) (LRR P, T, U) (MLRA 151) in Soils (F19) (MLRA 14	No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No No No No No No No No No No No No No	Histol (A1) Histol (A1) Histoc Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A) Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Darinick Dark Surface Coast Prairie Redov Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (i	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No   No   No   No   No   No   No   No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) ix) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 i3) (LRR P, T, U) (MLRA 151) in Soils (F19) (MLRA 14	No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No No No No No No No No No No No No No	Histol (A1) Histol (A1) Histol (A1) Histol (A2) Black Histoc (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (C7) ((r (if observed):	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No   No   No   No   No   No   No   No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) ix) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 i3) (LRR P, T, U) (MLRA 151) in Soils (F19) (MLRA 14	No No No No No No No No No No No No No N	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Icm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed): None	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No   No   No   No   No   No   No   No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) ix) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 i3) (LRR P, T, U) (MLRA 151) in Soils (F19) (MLRA 14	No	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	Histol (A1) Histol (A1) Histol (A1) Histol (A2) Black Histoc (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redov Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (C7) ((r (if observed):	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No   No   No   No   No   No   No   No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) ix) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 i3) (LRR P, T, U) (MLRA 151) in Soils (F19) (MLRA 14	No No No No No No No No No No No No No N	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Icm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed): None	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No   No   No   No   No   No   No   No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) ix) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 i3) (LRR P, T, U) (MLRA 151) in Soils (F19) (MLRA 14	No No No No No No No No No No No No No N	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Icm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed): None	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No   No   No   No   No   No   No   No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) ix) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 i3) (LRR P, T, U) (MLRA 151) in Soils (F19) (MLRA 14	No No No No No No No No No No No No No N	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
Hydric Soil Indic No No No No No No No No No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Icm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed): None	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No   No   No   No   No   No   No   No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) ix) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 i3) (LRR P, T, U) (MLRA 151) in Soils (F19) (MLRA 14	No No No No No No No No No No No No No N	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Icm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed): None	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No   No   No   No   No   No   No   No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) ix) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 i3) (LRR P, T, U) (MLRA 151) in Soils (F19) (MLRA 14	No No No No No No No No No No No No No N	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
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Hydric Soil Indic  No No No No No No No No No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Icm Muck (A9) (LF Depleted Below Dar Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (ir (if observed): None	(A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A) (al (S1) (LRR O,S) (x (S4)	No   No   No   No   No   No   No   No	Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mat Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese M Umbric Surface (F1 Delta Ochric (F17) Reduced Vertic (F17)	(S9) (LRR S,T,U) eral (F1) (LRR (O) eral (F2) ix) ee (F6) face (F7) s (F8) ) 111) (MLRA 151) asses (F12) (LRR O,P,1 i3) (LRR P, T, U) (MLRA 151) in Soils (F19) (MLRA 14	No No No No No No No No No No No No No N	1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P,S,T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain)
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VEGETATION SAMPLING POINT Absolute % Dominant Dominance Test Worksheet: Tree Stratum Plot Size: 30 Indicator Status Number of Dominant Species That Cover **Species** (A): Ulmus americana are OBL, FACW, or FAC FAC 20 Yes Celtis laevigata 20 Yes FACW Total Number of Dominant Species No FAC Quercus nigra 10 Across All Strata Triadica sebifera 10 No FAC FACU Liriodendron tulipifera 10 No Percent of Dominant Species (A/B): That Are OBL, FACW, or FAC 80.00% Prevalence Index Worksheet: 50/20 Threshold 70 Multiply = Total Cover Total % Cover of: 50% of Total Cover = 35 20% of Total Cover = OBL x1= Dominant FACW x2= Plot Size: 30' Sapling Stratum Indicator Status Cover Species FAC x3= FACU x4= None UPL x5= A Totals В 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: 50/20 Threshold 0 = Total Cover 50% of Total Cover = 0 Tree - Woody plants, excluding woody vines, approximately 20' 20% of Total Cover = or more in height and 3" or larger in DBH. Dominant Plot Size: 30' Shrub Stratum Indicator Status Cover Species Ligustrum sinense Sapling - Woody plants, excluding woody vines, approximately 30 Yes FAC 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. 50/20 Threshold 30 = Total Cover 50% of Total Cover = 15 Woody vine - All woody vines, regardless of height. 20% of Total Cover = Dominant Remarks: Plot Size: 30' Indicator Status Herb Stratum Cover **Species** Cynodon dactylon FACU 70 Yes Paspalum notatum 10 No FACU 50/20 Threshold 50% of Total Cover = 40 = Total Cover 20% of Total Cover = Woody Vine Dominant Plot Size: 30' Indicator Status Cover Species Stratum Toxicodendron radicans FAC 10 Yes

040-012-001-035NG WDR DF PROVIDENCE

Hydrophytic Vegetation Present?

Yes

50/20 Threshold

50% of Total Cover = 5

20% of Total Cover =

10 = Total Cover

				-			-
Project/Site:	I-10: LA 415 to Es	sen Lane on I-10 an	d I-12	Parish: East Bato	n Rouge	Sampling Date:	6/27/2017
Applicant/Owner:	Louisiana Department	of Transportation and De	evelopment	State: Louisiana		Sampling Point:	22
Investigator(s):	Taylor Simoneaux			Section, Townshi	n Pange:		ship 7 South, Range 1 East
				Section, Townshi			
Landform (hillslop		Flat				e, convex, none): N	
Subregion (LRR o	or MLRA):	LRR P	Lat: 30.417833	•	Long: -91.112486°		Datum: NAD83
Soil Map Unit Nar	me:	Deerford-Verdun co	omplex, 0 to 2 perc	ent slopes	<del>-</del>	NWI Classification	. None
Are climatic / hvdr	rologic conditions or	n the site typical for t	his time of year?	Yes (If no ex	plain in Remarks)	•	
Are Vegetation	•	or Hydrology	significantly distu	,	Are "Normal Circum	stances" present?	Yes
						•	
Are Vegetation		or Hydrology	naturally problem	atic? No	(ii needed, explain a	any answers in Rema	IKS.)
SUMMARY OF F	INDINGS						
Hydrophytic Vege	etation Present?	Y	es				
Hydric Soil Preser	nt?	Y	es	Is the Sampled A	Area within a Wetland	d?	Yes
Wetland Hydrolog			es				
, ,	gy 1 100011C.		-				
Remarks:							
HYDROLOGY							
Wetland Hydrolo	av Indiaatora					Secondary Indica	ore (Need 2):
						•	
Primary Indicators						No	Surface Soil Cracked (B6)
No	Surface Water (A1	1)	No	Water Stained Le	aves (B9)	Yes	Sparsely Veg. Concave Surface (B8)
No	High Water Table	(A2)	No	Aquatic Fauna (B	13)	No	Drainage Patterns (B10)
Yes	Saturation (A3)		No	Marl Deposits (B1	15) (LRR U)	No	Moss Trim Lines (B16)
No	Water Marks (B1)		No	Hydrogen Sulfide		No	Dry-Season Water Table (C2)
		- (DO)					
No	Sediment Deposit	, ,	No	Oxidized Root C		No	Crayfish Burrows (C8)
Yes	Drift Deposits (B3)		No	Presence of Redu	` '	No	Saturation on Aerial Imagery (C9)
No	Algal Mat or Crust	(B4)	No	Recent Reduct. ir	n Tilled Soils (C6)	No	Geomorphic Position (D2)
No	Iron Deposits (B5)		No	Thin Muck Surfac	, ,	No	Shallow Aquitard (D3)
No	Inundation on Aeri	iai iiiiayeiy (D7)	No	Other (Explain in	iveillaiks)	Yes	FAC-Neutral Test (D5)
						No	Sphagnum Moss (D8) (LRR T, U)
Field Observatio	ns:						
Surface Water Pro	esent?	None	Depth (inches):	N/A		Wetland Hydrolo	gy Present?
Water table Prese		None	Depth (inches):	N/A		,	Yes
			,				163
Saturation Preser	IL?	Yes	Depth (inches):	8-16			
Remarks:							
SOIL							
Depth	M	atrix		Redo	x Features		Texture
Inches	Color	%	Color	%	Type	Location	
0-12	10YR 4/2	85	10YR 5/6	15	C	M	silt loam
			10111 3/0	10		IVI	silt loam
		100					SIILIUdiii
12-16	10YR 3/2						
	10YR 3/2						
	10YR 3/2						
	10YR 3/2						
	10YR 3/2						
	10YR 3/2						
12-16							
12-16		, RM=Reduced Matr	ix, CS=Covered or	Coated Sand Grain	ns	Location: PL=Por	Lining, M=Matrix
12-16		, RM=Reduced Matr	ix, CS=Covered or	Coated Sand Grain	ns	Location: PL=Por	e Lining, M=Matrix
12-16 Type: C=Concent	ration, D=Depletion	, RM=Reduced Matr	ix, CS=Covered or	Coated Sand Grain	ns		
12-16  Type: C=Concent  Hydric Soil Indic	rration, D=Depletion	, RM=Reduced Matr				Indicators for Pr	oblematic Soils:
Type: C=Concent  Hydric Soil Indic  No	ration, D=Depletion eators: Histol (A1)		No	Polyvalue Below St	urface (S8) (LRR S,T,U)	Indicators for Pr	oblematic Soils: 1cm Muck (A9) (LRR O)
Type: C=Concent  Hydric Soil Indic No No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2		No No	Polyvalue Below Su	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U)	Indicators for Property No	oblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S)
Type: C=Concent  Hydric Soil Indic No No No	ration, D=Depletion rators: Histol (A1) Histic Epipedon (A2 Black Histic (A3)	)	No No No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) tral (F1) (LRR (O)	Indicators for Property No No No	oblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B)
Type: C=Concent  Hydric Soil Indic No No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2	)	No No	Polyvalue Below Su	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) tral (F1) (LRR (O)	Indicators for Pr	oblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S)
Type: C=Concent  Hydric Soil Indic No No No	ration, D=Depletion rators: Histol (A1) Histic Epipedon (A2 Black Histic (A3)	)	No No No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2)	Indicators for Property No No No	oblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B)
Type: C=Concent  Hydric Soil Indic  No  No  No  No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5	) .4) 5)	No No No No Yes	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matrix (F3	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) eral (F1) (LRR (O) rix (F2)	Indicators for Property No. No. No. No. No. No. No. No. No. No.	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)
Type: C=Concent  Hydric Soil Indic  No No No No No No No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6 Organic Bodies (A6)	) ,4) 5) ) (LRR P,T,U)	No No No No Yes	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matrix Depleted Matrix (F3 Redox Dark Surfac	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) eral (F1) (LRR (O) rix (F2) 3) e (F6)	Indicators for Pr No No No No No	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)
Type: C=Concent  Hydric Soil Indic No No No No No No No No No No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral	) ,4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U)	No No No No Yes No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 3) e (F6) ace (F7)	Indicators for Pr No No No No No No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Type: C=Concent  Hydric Soil Indic  No No No No No No No	ration, D=Depletion rators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8)	) ,4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U)	No No No No Yes	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matri (FZ Redox Dark Surfac Depleted Dark Surfac Redox Depressions	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) tral (F1) (LRR (O) trix (F2) 3) e (F6) ace (F7) s (F8)	Indicators for Pr No No No No No	blematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)
Type: C=Concent  Hydric Soil Indic No No No No No No No No No No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral	) ,4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U)	No No No No Yes No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matri Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) tral (F1) (LRR (O) trix (F2) 3) e (F6) ace (F7) s (F8)	Indicators for Pr No No No No No No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Type: C=Concent  Hydric Soil Indic  No No No No No No No No No No No No No	ration, D=Depletion  cators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR	) (4) (5) (LRR P,T,U) (47) (LRR P,T,U) (LRR U) (R P,T)	No No No No Yes No No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matt Depleted Matrix (FZ Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U)	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) rral (F1) (LRR (O) rix (F2) 3) e (F6) ace (F7) s (F8)	Indicators for Pr No No No No No No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Type: C=Concent  Hydric Soil Indic  No No No No No No No No No No No No No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar	4) 5) ((LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) R P,T) k Surface (A11)	No No No No No Yes No No No No No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matin Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) rral (F1) (LRR (O) rix (F2) 3) e (F6) ace (F7) s (F8) 11) (MLRA 151)	Indicators for Pr No No No No No No No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Type: C=Concent  Hydric Soil Indic  No No No No No No No No No No No No No	iration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface	.) (.4) (.5) (.1) (.1) (.47) (.47) (.47) (.47) (.47) (.47) (.47) (.47) (.47) (.47) (.47) (.412)	No No No No No Yes No No No No No No No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mati Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Octric (F Iron-Manganese M	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) ace (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T	Indicators for Pr No No No No No No No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Type: C=Concent  Hydric Soil Indic No No No No No No No No No No No No No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface (Coast Prairie Redox	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) (R P,T) (R P,T) (k Surface (A11) (A12) (416) (MLRA 150A)	No No No No No No No No No No No No No N	Polyvalue Below St Thin Dark Surface ( Loarny Mucky Mine Loarny Gleyed Math Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M: Umbric Surface (F1	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) eral (F1) (LRR (O) rix (F2) 3) e (F6) ace (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T	Indicators for Pr No No No No No No No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Type: C=Concent  Hydric Soil Indic  No No No No No No No No No No No No No	iration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface	) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) (R P,T) (R P,T) (k Surface (A11) (A12) (416) (MLRA 150A)	No No No No No Yes No No No No No No No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mati Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Octric (F Iron-Manganese M	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) eral (F1) (LRR (O) rix (F2) 3) e (F6) ace (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T	Indicators for Pr No No No No No No No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Type: C=Concent  Hydric Soil Indic No No No No No No No No No No No No No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface (Coast Prairie Redox	(4) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	No No No No No No No No No No No No No N	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matrix (F. 2 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F10n-Manganese M Umbric Surface (F1	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) eral (F1) (LRR (O) rix (F2) 3) e (F6) ace (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T	Indicators for Pr No No No No No No No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Type: C=Concent  Hydric Soil Indic  No No No No No No No No No No No No No	ration, D=Depletion cators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Minera	(4) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	No No No No Yes No No No No No No No No No No No No No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Matt Depleted Matrix (F2 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese (F1 Delta Ochric (F17) Reduced Vertic (F17)	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) rral (F1) (LRR (O) rix (F2) 3) e (F6) ace (F7) s (F8) 11) (MLRA 151) assess (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) 8) (MLRA 150A, 150B)	Indicators for Provided Notes	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Type: C=Concent  Hydric Soil Indic  No No No No No No No No No No No No No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Minera Sandy Gleyed Matri Sandy Redox (S5)	(4) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	No   No   No   No   No   No   No   No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mati Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17 Delta Ochric (F17) Reduced Vertic (F17 Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) ace (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pr	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Type: C=Concent  Hydric Soil Indic No No No No No No No No No No No No No	Lation, D=Depletion  Lators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface I Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6)	(A) (A) (B) (CAT) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (B1 (S1) (LRR O,S) (CS4)	No No No No Yes No No No No No No No No No No No No No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mati Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17 Delta Ochric (F17) Reduced Vertic (F17 Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) rral (F1) (LRR (O) rix (F2) 3) e (F6) ace (F7) s (F8) 11) (MLRA 151) assess (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) 8) (MLRA 150A, 150B)	Indicators for Pr	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Type: C=Concent  Hydric Soil Indic  No No No No No No No No No No No No No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I	(A) (A) (B) (CAT) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (B1 (S1) (LRR O,S) (CS4)	No   No   No   No   No   No   No   No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mati Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17 Delta Ochric (F17) Reduced Vertic (F17 Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) ace (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pr	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Type: C=Concent  Hydric Soil Indic No No No No No No No No No No No No No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I	(A) (A) (B) (CAT) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (B1 (S1) (LRR O,S) (CS4)	No   No   No   No   No   No   No   No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mati Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17 Delta Ochric (F17) Reduced Vertic (F17 Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) ace (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pr	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Type: C=Concent  Hydric Soil Indic  No No No No No No No No No No No No No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5 Organic Bodies (A6) 5cm Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (I	(A) (A) (B) (CAT) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (B1 (S1) (LRR O,S) (CS4)	No   No   No   No   No   No   No   No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mati Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17 Delta Ochric (F17) Reduced Vertic (F17 Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) ace (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pr	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Type: C=Concent  Hydric Soil Indic  No No No No No No No No No No No No No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Dark Surface (S7) (Ir (If observed):	(A) (A) (B) (CAT) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (B1 (S1) (LRR O,S) (CS4)	No   No   No   No   No   No   No   No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mati Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17 Delta Ochric (F17) Reduced Vertic (F17 Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) ace (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pr   No   No   No   No   No   No   No   No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Type: C=Concent  Hydric Soil Indic  No No No No No No No No No No No No No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2, Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A5, Organic Bodies (A6) 5cm Mucky Miners Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner, Sandy Gleyed Matri Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (Ir r (if observed):	(A) (A) (B) (CAT) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (B1 (S1) (LRR O,S) (CS4)	No   No   No   No   No   No   No   No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mati Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17 Delta Ochric (F17) Reduced Vertic (F17 Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) ace (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pr   No   No   No   No   No   No   No   No	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Type: C=Concent Hydric Soil Indic No No No No No No No No No No No No No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Dark Surface (S7) (Ir (If observed):	(A) (A) (B) (CAT) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (B1 (S1) (LRR O,S) (CS4)	No   No   No   No   No   No   No   No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mati Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17 Delta Ochric (F17) Reduced Vertic (F17 Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) ace (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pr   No   No   No   No   No   No   No   No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Type: C=Concent  Hydric Soil Indic  No No No No No No No No No No No No No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Dark Surface (S7) (Ir (If observed):	(A) (A) (B) (CAT) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (B1 (S1) (LRR O,S) (CS4)	No   No   No   No   No   No   No   No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mati Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17 Delta Ochric (F17) Reduced Vertic (F17 Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) ace (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pr   No   No   No   No   No   No   No   No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Type: C=Concent Hydric Soil Indic No No No No No No No No No No No No No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Dark Surface (S7) (Ir (If observed):	(A) (A) (B) (CAT) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (B1 (S1) (LRR O,S) (CS4)	No   No   No   No   No   No   No   No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mati Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17 Delta Ochric (F17) Reduced Vertic (F17 Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) ace (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pr   No   No   No   No   No   No   No   No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Type: C=Concent Hydric Soil Indic No No No No No No No No No No No No No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Dark Surface (S7) (Ir (If observed):	(A) (A) (B) (CAT) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (B1 (S1) (LRR O,S) (CS4)	No   No   No   No   No   No   No   No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mati Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17 Delta Ochric (F17) Reduced Vertic (F17 Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) ace (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pr   No   No   No   No   No   No   No   No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Type: C=Concent Hydric Soil Indic No No No No No No No No No No No No No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Dark Surface (S7) (Ir (If observed):	(A) (A) (B) (CAT) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (B1 (S1) (LRR O,S) (CS4)	No   No   No   No   No   No   No   No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mati Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17 Delta Ochric (F17) Reduced Vertic (F17 Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) ace (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pr   No   No   No   No   No   No   No   No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Type: C=Concent Hydric Soil Indic No No No No No No No No No No No No No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Dark Surface (S7) (Ir (If observed):	(A) (A) (B) (CAT) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (B1 (S1) (LRR O,S) (CS4)	No   No   No   No   No   No   No   No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mati Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17 Delta Ochric (F17) Reduced Vertic (F17 Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) ace (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pr   No   No   No   No   No   No   No   No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Type: C=Concent Hydric Soil Indic No No No No No No No No No No No No No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Dark Surface (S7) (Ir (If observed):	(A) (A) (B) (CAT) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (B1 (S1) (LRR O,S) (CS4)	No   No   No   No   No   No   No   No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mati Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17 Delta Ochric (F17) Reduced Vertic (F17 Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) ace (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pr   No   No   No   No   No   No   No   No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Type: C=Concent Hydric Soil Indic No No No No No No No No No No No No No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Dark Surface (S7) (Ir (If observed):	(A) (A) (B) (CAT) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (B1 (S1) (LRR O,S) (CS4)	No   No   No   No   No   No   No   No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mati Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17 Delta Ochric (F17) Reduced Vertic (F17 Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) ace (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pr   No   No   No   No   No   No   No   No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Type: C=Concent Hydric Soil Indic No No No No No No No No No No No No No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Dark Surface (S7) (Ir (If observed):	(A) (A) (B) (CAT) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (B1 (S1) (LRR O,S) (CS4)	No   No   No   No   No   No   No   No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mati Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17 Delta Ochric (F17) Reduced Vertic (F17 Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) ace (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pr   No   No   No   No   No   No   No   No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Type: C=Concent Hydric Soil Indic No No No No No No No No No No No No No	ration, D=Depletion  ators: Histol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A6 Organic Bodies (A6) 5cm Mucky Mineral Muck Presence (A8) 1cm Muck (A9) (LR Depleted Below Dar Thick Dark Surface Coast Prairie Redox Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Dark Surface (S7) (Ir (If observed):	(A) (A) (B) (CAT) (LRR P,T,U) (A7) (LRR P,T,U) (LRR U) (R P,T) (R P,T) (A12) (A12) (A16) (MLRA 150A) (B1 (S1) (LRR O,S) (CS4)	No   No   No   No   No   No   No   No	Polyvalue Below St Thin Dark Surface ( Loamy Mucky Mine Loamy Gleyed Mati Depleted Matrix (F3 Redox Dark Surfac Depleted Dark Surf Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F Iron-Manganese M Umbric Surface (F17 Delta Ochric (F17) Reduced Vertic (F17 Piedmont Floodplai	urface (S8) (LRR S,T,U) (S9) (LRR S,T,U) oral (F1) (LRR (O) rix (F2) 8) e (F6) ace (F7) s (F8) 11) (MLRA 151) asses (F12) (LRR O,P,T 3) (LRR P, T, U) (MLRA 151) s) (MLRA 151) n Soils (F19) (MLRA 14	Indicators for Pr   No   No   No   No   No   No   No   No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)

VEGETATION SAMPLING POINT 22 Absolute % Dominant Dominance Test Worksheet: Tree Stratum Plot Size: 30 Indicator Status Number of Dominant Species That Cover **Species** (A): Ulmus americana are OBL, FACW, or FAC FAC 20 Yes Celtis laevigata 20 Yes FACW Total Number of Dominant Species No FAC Quercus nigra 10 Across All Strata Triadica sebifera 10 No FAC FACU Liriodendron tulipifera 10 No Percent of Dominant Species (A/B): That Are OBL, FACW, or FAC 100.00% Prevalence Index Worksheet: 50/20 Threshold 70 Multiply = Total Cover Total % Cover of: 50% of Total Cover = 35 20% of Total Cover = OBL x1= Dominant FACW x2= Plot Size: 30' Sapling Stratum Indicator Status Cover Species FAC x3= FACU x4= None UPL x5= A Totals В 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: 50/20 Threshold 0 = Total Cover 50% of Total Cover = 0 Tree - Woody plants, excluding woody vines, approximately 20' 20% of Total Cover = or more in height and 3" or larger in DBH. Dominant Plot Size: 30' Shrub Stratum Indicator Status Cover Species Ligustrum sinense Sapling - Woody plants, excluding woody vines, approximately 30 Yes FAC 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. 50/20 Threshold 30 = Total Cover 50% of Total Cover = 15 Woody vine - All woody vines, regardless of height. 20% of Total Cover = Dominant Remarks: Plot Size: 30' Indicator Status Herb Stratum Cover **Species** Sabal minor FACW 60 Yes Rubus trivialis No 10 FACU 50/20 Threshold 50% of Total Cover = 35 = Total Cover 20% of Total Cover = Woody Vine Dominant Plot Size: 30' Indicator Status Cover Species Stratum Toxicodendron radicans FAC 10 Yes 50/20 Threshold Hydrophytic Vegetation Present? 10 = Total Cover 50% of Total Cover = 5 Yes

040-012-001-035NG WDR DF PROVIDENCE

20% of Total Cover =

Project/Site:	I-10: LA 415 to Es	ssen Lane on I-10 an	d I-12	Parish: East Bator	n Rouge	Sampling Date:	6/27/2017
Applicant/Owner:	Louisiana Department	t of Transportation and De	evelopment	State: Louisiana		Sampling Point:	23
Investigator(s):	Taylor Simoneaux		· ·	Section, Township	Danga:		ship 7 South, Range 1 East
				Section, Township			
Landform (hillslop		Flat			Local Relief (concave	e, convex, none): N	
Subregion (LRR of	or MLRA):	LRR P	Lat: 30.417523°		Long: -91.111496°		Datum: NAD83
Soil Map Unit Nar	me.	Jeanerette silt loam	0 to 1 percent slo	nes	•	NWI Classification	None
		n the site typical for t			olain in Remarks)		******
		• • •					V
Are Vegetation	, Soil,	, or Hydrology	significantly distu		Are "Normal Circums		Yes
Are Vegetation	, Soil,	, or Hydrology	naturally problem	atic? No	(If needed, explain ar	ny answers in Rema	rks.)
SUMMARY OF F	INDINGS						
Hydrophytic Vege		Y	20	T			
				l		_	
Hydric Soil Prese		Y		is the Sampled A	rea within a Wetland	?	Yes
Wetland Hydrolog	gy Present?	Y	es				
Remarks:				•			
HYDROLOGY							
Wetland Hydrolo	ogy Indicators					Secondary Indicat	ors (Need 2):
Primary Indicators						•	Surface Soil Cracked (B6)
		4.			(50)	No	
Yes	Surface Water (A	1)	No	_Water Stained Lea	aves (B9)	No	Sparsely Veg. Concave Surface (B8)
Yes	High Water Table	(A2)	No	Aquatic Fauna (B	13)	No	Drainage Patterns (B10)
Yes	Saturation (A3)		No	Marl Deposits (B1	5) (I RR U)	No	Moss Trim Lines (B16)
No	Water Marks (B1)		No	Hydrogen Sulfide		No	Dry-Season Water Table (C2)
No	Sediment Deposit	ts (B2)	Yes	Oxidized Root Ch		No	Crayfish Burrows (C8)
No	Drift Deposits (B3	)	No	Presence of Redu	ced Iron (C4)	No	Saturation on Aerial Imagery (C9)
No	Algal Mat or Crus		No	Recent Reduct. in	` '	No	Geomorphic Position (D2)
	_ ~	, ,					,
No	Iron Deposits (B5	,	No	Thin Muck Surface	, ,	No	Shallow Aquitard (D3)
No	Inundation on Aer	rial Imagery (B7)	No	Other (Explain in I	Remarks)	Yes	FAC-Neutral Test (D5)
	_	- , , ,			•	No	Sphagnum Moss (D8) (LRR T, U)
E: 1101 //						110	opriagram moss (Bo) (Erat 1, G)
Field Observatio							
Surface Water Pro	esent?	Yes	Depth (inches):	2		Wetland Hydrolo	gy Present?
Water table Prese	ent?	Yes	Depth (inches):	8-16			Yes
Saturation Preser	nt?	Yes		0-16			
	IL!	res	Depth (inches):	0-16			
Remarks:							
SOIL							
Depth	M	latrix		Redo	x Features		Texture
			0-1			1 4!	I OALLI O
Inches	Color	%	Color	%	Туре	Location	
0-6	10YR 3/1	100					silt loam
6-16	10YR 5/1	70	10YR 5/6	5	С	PL	silt loam
	1011110/1	1	10YR 5/4	25	C	M	
			101K 5/4	25	C	IVI	
Type: C=Concent	tration, D=Depletion	n, RM=Reduced Matr	x, CS=Covered or	Coated Sand Grain	IS	Location: PL=Pore	E Lining, M=Matrix
Type: C=Concent	tration, D=Depletion	ı, RM=Reduced Matr	x, CS=Covered or	Coated Sand Grain	as	Location: PL=Pore	Lining, M=Matrix
**		ı, RM=Reduced Matr	x, CS=Covered or	Coated Sand Grain	as s		-
Hydric Soil Indic	ators:	n, RM=Reduced Matr				Indicators for Pro	oblematic Soils:
**	eators:  Histol (A1)		No	Polyvalue Below Su	rface (S8) (LRR S,T,U)	Indicators for Pro	oblematic Soils: 1cm Muck (A9) (LRR O)
Hydric Soil Indic	ators:				rface (S8) (LRR S,T,U)	Indicators for Pro	oblematic Soils:
Hydric Soil Indic	ators: _ Histol (A1) _ Histic Epipedon (A2		No No	Polyvalue Below Su	rface (S8) (LRR S,T,U) S9) (LRR S,T,U)	Indicators for Pro	oblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S)
Hydric Soil Indic No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3)	2)	No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O)	No No No	oblematic Soils: 1cm Muck (A9) (LRR O) 2cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B)
Hydric Soil Indic No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A	2)	No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matr	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2)	Indicators for Pro	Discontantic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)
Hydric Soil Indic No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4)	2) A4) 5)	No No No	Polyvalue Below Su Thin Dark Surface (i Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2)	No No No	oblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)
Hydric Soil Indic No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A	2) A4) 5)	No No No	Polyvalue Below Su Thin Dark Surface ( Loamy Mucky Miner Loamy Gleyed Matr	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2)	Indicators for Pro	Discontantic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)
Hydric Soil Indic No No No No No No	Histol (A1) Histo Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4) Organic Bodies (A6)	?) \4) 5) ) ( <b>LRR P,T,U)</b>	No No No No Yes	Polyvalue Below Su Thin Dark Surface (i Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) b (F6)	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)
Hydric Soil Indic No No No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral	2) N4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U)	No No No No Yes No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7)	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic No No No No No No	Histol (A1) Histol (A1) Histoc Epipedon (A2 Black Histoc (A3) Hydrogen Sulfide (A Strattfied Layers (A Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U)	No No No No Yes	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7)	Indicators for Pro	bblematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)
Hydric Soil Indic No No No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U)	No No No No Yes No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7)	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic No No No No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A) Organic Bodies (A) Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF	2) (A4) (5) (b) (LRR P,T,U) (A7) (LRR P,T,U) (c) (LRR U) (RR P,T)	No No No No Yes No No No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) ) te (F6) ace (F7) (F8)	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic No No No No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A: Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dal	A4) 55) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11)	No No No No No Yes No No No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matrix (F3 Redox Dark Surface Depleted Dark Surfa Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151)	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Depleted Below Dal Thick Dark Surface	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) asses (F12) (LRR O,P,T)	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic No No No No No No No No	Histol (A1) Histol (A1) Histoc Epipedon (A2 Black Histoc (A3) Hydrogen Sulfide (A Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Da Thick Dark Surface Coast Prairie Redox	2) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A)	No No No No No Yes No No No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1:	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8)  1) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U)	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Depleted Below Dal Thick Dark Surface	2) (A4) (5) () (LRR P,T,U) (A7) (LRR P,T,U) () (LRR U) (RR P,T) (rk Surface (A11) (A12) (A16) (MLRA 150A)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8)  1) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U)	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	Histol (A1) Histol (A1) Histol (A2) Black Histoc (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 Scm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dai Thick Dark Surface Coast Prairie Redov Sandy Mucky Miner	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) (A12) (c) (A16) (MLRA 150A) rai (S1) (LRR O,S)	No No No No No Yes No No No No No No No No No No No No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) (	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) ix (F2) b (F6) ace (F7) (F8)  1) (MLRA 151) ssses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151)	Indicators for Pro	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A: Organic Bodies (A) Organic Bodies (A) Tom Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Da Thick Dark Surface Coast Prairie Redoy Sandy Mucky Miner Sandy Gleyed Matri	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) (A12) (c) (A16) (MLRA 150A) rai (S1) (LRR O,S)	No No No No Yes No No No No No No No No No No No No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Redox Depressions Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese (F1: Delta Ochric (F17) ( Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) ) te (F6) coce (F7) (F8) 1) (MLRA 151) ssess (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 6) (MLRA 150A, 150B)	No No No No No No No No No No No No No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Lick Muck (A9) (LF Depleted Below Dai Thick Dark Surface Coast Prairie Redo; Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5)	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) (A12) (c) (A16) (MLRA 150A) rai (S1) (LRR O,S)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 1510 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A: Organic Bodies (A) Organic Bodies (A) Tom Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Da Thick Dark Surface Coast Prairie Redoy Sandy Mucky Miner Sandy Gleyed Matri	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) (A12) (c) (A16) (MLRA 150A) rai (S1) (LRR O,S)	No No No No Yes No No No No No No No No No No No No No	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) al (F1) (LRR (O) ix (F2) ) te (F6) coce (F7) (F8) 1) (MLRA 151) ssess (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 151) 6) (MLRA 150A, 150B)	Indicators for Pro No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No No No No No No No No No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 Lick Muck (A9) (LF Depleted Below Dai Thick Dark Surface Coast Prairie Redo; Sandy Mucky Miner Sandy Gleyed Matri Sandy Redox (S5)	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 1510 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	Histol (A1) Histol (A1) Histoc Epipedon (A2 Black Histoc (A3) Hydrogen Sulfide (A) Organic Bodies (A6 Scm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Drinick Dark Surface Coast Prairie Redov Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 1510 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro No	Dilematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)
Hydric Soil Indic  No No No No No No No No No No No No No	Histol (A1) Histol (A1) Histol (A1) Histol (A2) Black Histoc (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 Scm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dai Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (r (if observed):	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 1510 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No  No  No  No  No  No  No  No  No  N	Histol (A1) Histol (A1) Histoc Epipedon (A2 Black Histoc (A3) Hydrogen Sulfide (A) Organic Bodies (A6 Scm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Drinick Dark Surface Coast Prairie Redov Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 1510 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro  No  No  No  No  No  No  No  No  No	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	Histol (A1) Histol (A1) Histol (A1) Histol (A2) Black Histoc (A3) Hydrogen Sulfide (A Stratified Layers (At Organic Bodies (A6 Scm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dai Thick Dark Surface Coast Prairie Redo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (r (if observed):	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 1510 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A! Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dai Thick Dark Surface Coast Prairie Redoi Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (r (if observed): None	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 1510 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dai Thick Dark Surface Coast Prairie Redoo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (r (if observed): None	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 1510 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dai Thick Dark Surface Coast Prairie Redoo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (r (if observed): None	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 1510 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dai Thick Dark Surface Coast Prairie Redoo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (r (if observed): None	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 1510 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dai Thick Dark Surface Coast Prairie Redoo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (r (if observed): None	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 1510 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dai Thick Dark Surface Coast Prairie Redoo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (r (if observed): None	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 1510 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dai Thick Dark Surface Coast Prairie Redoo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (r (if observed): None	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 1510 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dai Thick Dark Surface Coast Prairie Redoo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (r (if observed): None	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 1510 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dai Thick Dark Surface Coast Prairie Redoo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (r (if observed): None	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F17) Piedmont Floodplair	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 1510 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dai Thick Dark Surface Coast Prairie Redoo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (r (if observed): None	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 1510 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)
Hydric Soil Indic  No No No No No No No No No No No No No	Histol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A4 Organic Bodies (A6 5cm Mucky Mineral Muck Presence (A8 1cm Muck (A9) (LF Depleted Below Dai Thick Dark Surface Coast Prairie Redoo Sandy Mucky Miner Sandy Gleyed Matrix Sandy Redox (S5) Stripped Matrix S6) Dark Surface (S7) (r (if observed): None	2) A4) 5) ) (LRR P,T,U) (A7) (LRR P,T,U) ) (LRR U) RR P,T) rk Surface (A11) (A12) x (A16) (MLRA 150A) ral (S1) (LRR O,S) ix (S4)	No No No No No No No No No No No No No N	Polyvalue Below Su Thin Dark Surface (: Loamy Mucky Miner Loamy Gleyed Matr Depleted Matrix (F3 Redox Dark Surface Depleted Dark Surface Marl (F10) (LRR U) Depleted Ochric (F1 Iron-Manganese Ma Umbric Surface (F1: Delta Ochric (F17) Reduced Vertic (F18)	rface (S8) (LRR S,T,U) S9) (LRR S,T,U) ral (F1) (LRR (O) x (F2) ) (F6) ace (F7) (F8) 1) (MLRA 151) usses (F12) (LRR O,P,T) 3) (LRR P, T, U) MLRA 1510 3) (MLRA 150B) n Soils (F19) (MLRA 149	Indicators for Pro	belematic Soils:  1cm Muck (A9) (LRR O)  2cm Muck (A10) (LRR S)  Reduced Vertic (F18) (outside MLRA 150A,B)  Piedmont Floodplain Soils (F19) (LRR P,S,T)  Anomalous Bright Loamy Soils (F20) (MLRA 153B)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain)

VEGETATION SAMPLING POINT 23 Absolute % Dominant Dominance Test Worksheet: Tree Stratum Plot Size: 30 Indicator Status Number of Dominant Species That Cover **Species** (A): Ulmus americana are OBL, FACW, or FAC FAC 20 Yes Celtis laevigata Yes FACW 20 Total Number of Dominant Species No FAC Quercus nigra 10 Across All Strata Triadica sebifera 10 No FAC 6 FACU Liriodendron tulipifera 10 No Percent of Dominant Species (A/B): That Are OBL, FACW, or FAC 100.00% Prevalence Index Worksheet: 50/20 Threshold 70 Multiply = Total Cover Total % Cover of: 50% of Total Cover = 35 20% of Total Cover = OBL x1= Dominant FACW x2= Plot Size: 30' Sapling Stratum Indicator Status Species Cover FAC x3= FACU x4= None UPL x5= A Totals В 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: 50/20 Threshold 0 = Total Cover 50% of Total Cover = 0 Tree - Woody plants, excluding woody vines, approximately 20' 20% of Total Cover = or more in height and 3" or larger in DBH. Dominant Plot Size: 30' Shrub Stratum Indicator Status Cover Species Ligustrum sinense Sapling - Woody plants, excluding woody vines, approximately 30 Yes FAC 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. 50/20 Threshold 30 = Total Cover 50% of Total Cover = 15 Woody vine - All woody vines, regardless of height. 20% of Total Cover = Dominant Remarks: Plot Size: 30' Indicator Status Herb Stratum Cover **Species** Hydrocotyle umbellata OBI 40 Yes Cyperus odoratus Yes 20 **FACW** Eleocharis obtusa 10 No OBL Juncus effusus 10 No OBL 50/20 Threshold 50% of Total Cover = 40 = Total Cover 20% of Total Cover = Woody Vine Dominant Plot Size: 30' Indicator Status Cover Species Stratum Toxicodendron radicans FAC 10 Yes 50/20 Threshold Hydrophytic Vegetation Present? 10 = Total Cover

040-012-001-035NG WDR DF PROVIDENCE

Yes

50% of Total Cover = 5

20% of Total Cover =