

APPENDIX G
WETLAND ANALYSIS



September 14, 2015

Mr. Robert Heffner
Chief, Surveillance and Enforcement Section
New Orleans District
US Army Corps of Engineers
7400 Leake Avenue
New Orleans, Louisiana 70118-3651

Re: Wetland Analysis Report/Request for Preliminary Jurisdictional Determination
Pecue Lane/I-10 Interchange
City/Parish Project No. 09-CS-US-0041
State Project No. 700-17-0221/H.004104
Federal Aid Project No. IM-1709(507)
City of Baton Rouge
Parish of East Baton Rouge
East Baton Rouge Parish, Louisiana
Providence Project No. 653-002

Dear Mr. Heffner:

On behalf of the City of Baton Rouge and the Parish of East Baton Rouge (City-Parish), Providence Engineering and Environmental Group LLC (Providence) is submitting this wetland analysis report/request for preliminary jurisdictional determination for the Pecue Lane/I-10 Interchange Project (Site) in East Baton Rouge Parish, Louisiana.

This request for a preliminary JD is in accordance with Regulatory Guidance Letter 08-02 enacted June 26, 2008. Please be advised that the City-Parish is aware that preliminary JDs are non-binding, advisory in nature, and cannot be appealed. Furthermore, when the U.S. Army Corps of Engineers (USACE) provides a preliminary JD, or authorizes an activity based on a preliminary JD, the USACE is making a non-legally binding determination as to whether jurisdiction exists over a particular water body or wetland governed by the Clean Water Act of 1977 or the Rivers and Harbors Act of 1899. The City-Parish also understands that a recipient of a preliminary JD can later request and obtain an approved JD should it become necessary during the permitting process.

Providence Engineering and Environmental Group LLC

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653-002-011NG WDR CL Rev



Mr. Robert Heffner
September 14, 2015
Page 2 of 2

Should you have any questions, or require additional information, regarding this wetland analysis report please contact me at (225) 766-7400 or via email at reginastaten@providnceeng.com

Sincerely,



Regina Staten
Environmental Scientist III
Providence Engineering and Environmental Group LLC
1201 Main Street
Baton Rouge, Louisiana 70802

SEPTEMBER 2015

**CITY OF BATON ROUGE
PARISH OF EAST BATON ROUGE
CITY/PARISH PROJECT NO. 09-CS-US-0041
STATE PROJECT NO. 700-17-0221/H.004104
FEDERAL AID PROJECT NO. IM-1709(507)**

**PECUE LANE/I-10
INTERCHANGE**

**EAST BATON ROUGE
PARISH**

**WETLAND ANALYSIS
REPORT**

Prepared By:

**Providence Engineering and
Environmental Group LLC**

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Baton Rouge, Louisiana 70802

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Project Number 653-002



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B	Wetland Determination Data Forms- Atlantic and Gulf Coastal Plain Region

1.0 PROJECT OVERVIEW

On behalf of the City of Baton Rouge and the Parish of East Baton Rouge (City-Parish), Providence Engineering and Environmental Group LLC (Providence) prepared this wetland analysis report for the Pecue Lane/I-10 Interchange Project (Site) in East Baton Rouge Parish, Louisiana.

The purpose of this report is to present field data, habitat descriptions, and other pertinent information on the three diagnostic characteristics of wetlands. This report was prepared in accordance with the *Corps of Engineers Wetlands Delineation Manual* (U.S. Army Corps of Engineers, Waterways Experiment Station 1987) and subsequent guidance provided in the *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coastal Plain Region* (U.S. Army Corps of Engineers, Wetland Regulatory Assistance Program 2010). On June 17 and 18, 2015, Providence biologists visited the Site and collected field data on the three diagnostic wetland parameters – soils, vegetation, and hydrology.

Prior to conducting the wetland delineation, Providence reviewed the Natural Resources Conservation Service (NRCS) Web Soil Survey 2015, the Soil Survey of East Baton Rouge Parish, Louisiana (United States Department of Agriculture, Soil Conservation Service 1968), United States Geological Survey (USGS) 7.5-minute topographic maps, U.S. Fish and Wildlife Service, National Wetland Inventory maps, and 1989, 1995, 1998, 2001, 2002, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2012, 2013, and 2014 aerial photography. Included for your review are: **Figure 1** – Vicinity Map, **Figure 2** – Site Location Map, **Figures 3a-3e** – Site Plans, **Figures 4a-4e** – Aerial Photographs, **Figure 5** – 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 construction of an interchange at I-10 and Pecue Lane, which will include: multiple through and turn lanes on Pecue Lane, an entrance ramp and an exit ramp on both eastbound and westbound I-10, replacement of the current two-lane overpass bridge, replacement of the Pecue Lane/Wards Creek Bridge, an extension of Reiger Road to a new intersection with Pecue Lane, and other work within the limits of the project.

2.0 PROJECT LOCATION AND DESCRIPTION

The 131.50-acre Site is in Baton Rouge, Louisiana (Figure 1) and centered at approximate Latitude 30.368255°; Longitude -91.046814° spanning Sections 5, 48, and 49, Township 8 South, Range 2 East of East Baton Rouge Parish (Figure 2). Access to the Site is via Pecue Lane approximately 0.19 mile northeast of the Perkins Road (LA 427)/Pecue Lane intersection. The Site is characterized by residential and commercial development, existing roads, pasture, mowed and maintained grass land, upland forested habitat, and palustrine emergent (PEM)

and palustrine forested (PFO) wetland habitats. Ward Creek traverses the southern end of the Site from west to east.

3.0 SOILS

The NRCS Web Soil Survey was used to determine mapped soil series. The revised official series descriptions were used to confirm profile matrix, redox features, and texture of soils underlying the Site. The Web Soil Survey shows that the Site may be underlain by nine soil map units (NRCS Web Soil Survey 2015); Deerford-Verdun complex, 0 to 2 percent slopes (DaA); Frost silt loam, 0 to 1 percent slopes (FoA); Frost silt loam, 0 to 1 percent slopes, occasionally flooded (FrA); Jeanerette silt loam, 0 to 1 percent slopes (JeA); Oprairie silt, 0 to 1 percent slopes (OpA); Oprairie silt, 1 to 3 percent slopes (OpB); Scotlandville silt, 1 to 3 percent slopes (ShB); Udarents (UA); and Urban land (UrA). The table below depicts each soil map unit's individual soil components, component percentage, and hydric status within East Baton Rouge Parish (NRCS Survey Area Data: Version 10, September 20, 2014).

Map Unit Name	Soil Series/ Component	Component Percentage	Hydric Status
Deerford-Verdun Complex, 0 to 2 percent slopes			
	Deerford	45	No
	Verdun	40	No
	Oprairie	9	No
	Scotlandville	2	No
	Frost	2	–
	Gilbert	2	Yes
Frost silt loam, 0 to 1 percent slopes			
	Frost	79-91	Yes
	Calhoun	10	No
	Oprairie	3	–
	Jeanerette	2	–
Frost silt loam, 0 to 1 percent slopes, occasionally flooded			
	Frost	85	Yes
	Calhoun	10	–
	Oprairie	3	–
	Jeanerette	2	–
Jeanerette silt loam, 0 to 1 percent slopes			
	Jeanerette	90	No
	Frost	4	–
	Calhoun	3	–
	Deerford	2	–
	Bonn	1	–
Oprairie silt, 0 to 1 percent slopes			
	Oprairie	85	No
	Scotlandville	7	–
	Deerford	3	–

Map Unit Name	Soil Series/ Component	Component Percentage	Hydric Status
	Calhoun	3	–
	Gilbert	2	Yes
Oprairie silt, 1 to 3 percent slopes			
	Oprairie	85	No
	Scotlandville	7	Yes
	Deerford	3	–
	Gilbert	2	–
	Calhoun	2	–
	Feliciana	1	–
Scotlandville silt, 1 to 3 percent slopes			
	Scotlandville	90	No
	Oprairie	7	No
	Feliciana	3	No
Udarents			
	Made land	100	No
Urban land			
	Urban land	85	No
	Miscellaneous	5	No
	Artificial fill	5	No
	Lawns	5	No

Providence collected soil samples between the surface and approximately 16 inches. The depth of each sample was sufficient to determine changes in upper horizons and to observe field indicators of hydric soils. Therefore, based on field observations, the wetland criterion for hydric soils was met at 14 of the 25 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) plant species. Dominant species identified on the Site include: sugar-berry (*Celtis laevigata*, FACW), Chinese tallowtree (*Triadica sebifera*, FAC), American elm (*Ulmus americana*, FAC), ash-leaf maple (*Acer negundo*, FAC), water oak (*Quercus nigra*, FAC), sweet-gum (*Liquidambar styraciflua*, FAC), American sycamore (*Platanus occidentalis*, FACW), red maple (*Acer rubrum*, FAC), winged elm (*Ulmus alata*, FACU), black elder (*Sambucus nigra*, FAC), winged sumac (*Rhus copallinum*, UPL), southern dewberry (*Rubus trivialis*, FACU), Chinese privet (*Ligustrum sinense*, FAC), dwarf palmetto (Sabal minor, FACW), Bahia grass (*Paspalum notatum*, FACU), blunt spike-rush (*Eleocharis obtusa*, OBL), alligator-weed (*Alternanthera philoxeroides*, OBL), annual marsh-elder (*Iva annua*, FAC), white-edge sedge (*Carex debilis*, FACW), red clover (*Trifolium pretense*, FACU), Virginia strawberry (*Fragaria virginiana*, FACU), narrow-leaf cat-tail (*Typha angustifolia*, OBL), lizard’s-tail (*Saururus cernuus*, OBL), woodrush flat sedge (*Cyperus entrerianus*, FACW), green-white

sedge (*Carex albolutescens*, FACW), pine-barren flat sedge (*Cyperus retrorsus*, FACU), purple love grass (*Eragrostis pectinacea*, FAC), late-flowering thoroughwort (*Eupatorium serotinum*, FAC), small-spike false nettle (*Boehmeria cylindrical*, FACW), Bermuda grass (*Cynodon dactylon*, FACU), annual fimbry (*Fimbristylis annua*, FACW), Virginia dayflower (*Commelina virginica*, FACW), swamp smartweed (*Persicaria hydropiperoides*, OBL), common boneset (*Eupatorium perfoliatum*, FACW), Japanese climbing fern (*Lygodium japonicum*, FAC), peppervine (*Ampelopsis arborea*, FAC), eastern poison ivy (*Toxicodendron radicans*, FAC), Virginia-creeper (*Parthenocissus quinquefolia*, FACU), muscadine (*Vitis rotundifolia*, FAC), horsebrier (*Smilax rotundifolia*, FAC), Japanese honeysuckle (*Lonicera japonica*, FACU), and American buckwheatvine (*Brunnichia ovata*, FACW).

The wetland criterion for a prevalence of hydrophytic vegetation was met at 19 of the 25 sample locations established by Providence to characterize the Site.

5.0 HYDROLOGY

The Site is in the Amite Watershed, within United States Geological Survey (USGS) Hydrologic Cataloguing Unit 08070202. Hydrology on the Site is primarily restricted to rainfall, sheet flow, and various roadside ditches. Ward Creek traverses the southern portion of the Site from west to east. Primary and secondary indicators of wetland hydrology observed on the Site include: surface water, high water tables, soil saturation and oxidized root channels within the upper twelve inches of soil profiles, water stained leaves, sparsely vegetated concave surface, drainage patterns, and positive FAC-neutral tests. The wetland criterion for hydrology was met at 15 of the 25 sample locations established by Providence to characterize the Site.

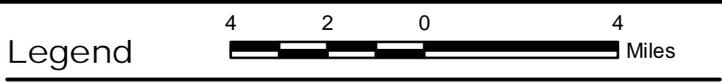
6.0 CONCLUSIONS

Positive evidence of all three diagnostic characteristics for jurisdictional wetlands were found at 13 of the 25 sample locations established 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. It appears that approximately 22.13 acres (11.64 PEM and 10.49 PFO) of potential jurisdictional wetlands and 1.05 acres of other waters of the U.S. are present at the Site and potentially under the jurisdiction of the USACE, New Orleans District.

FIGURE 1
VICINITY MAP



Project Center
 Latitude 30.368255°
 Longitude -91.046814°



Legend

Limits of Delineation (131.49 acres)

Reference

Base map comprised of ESRI World Imagery.

Vicinity Map

Wetland Analysis Report
 East Baton Rouge Parish, Louisiana

City of Baton Rouge/Parish of East Baton Rouge
 Pecue Lane/I-10 Interchange (H.004104)



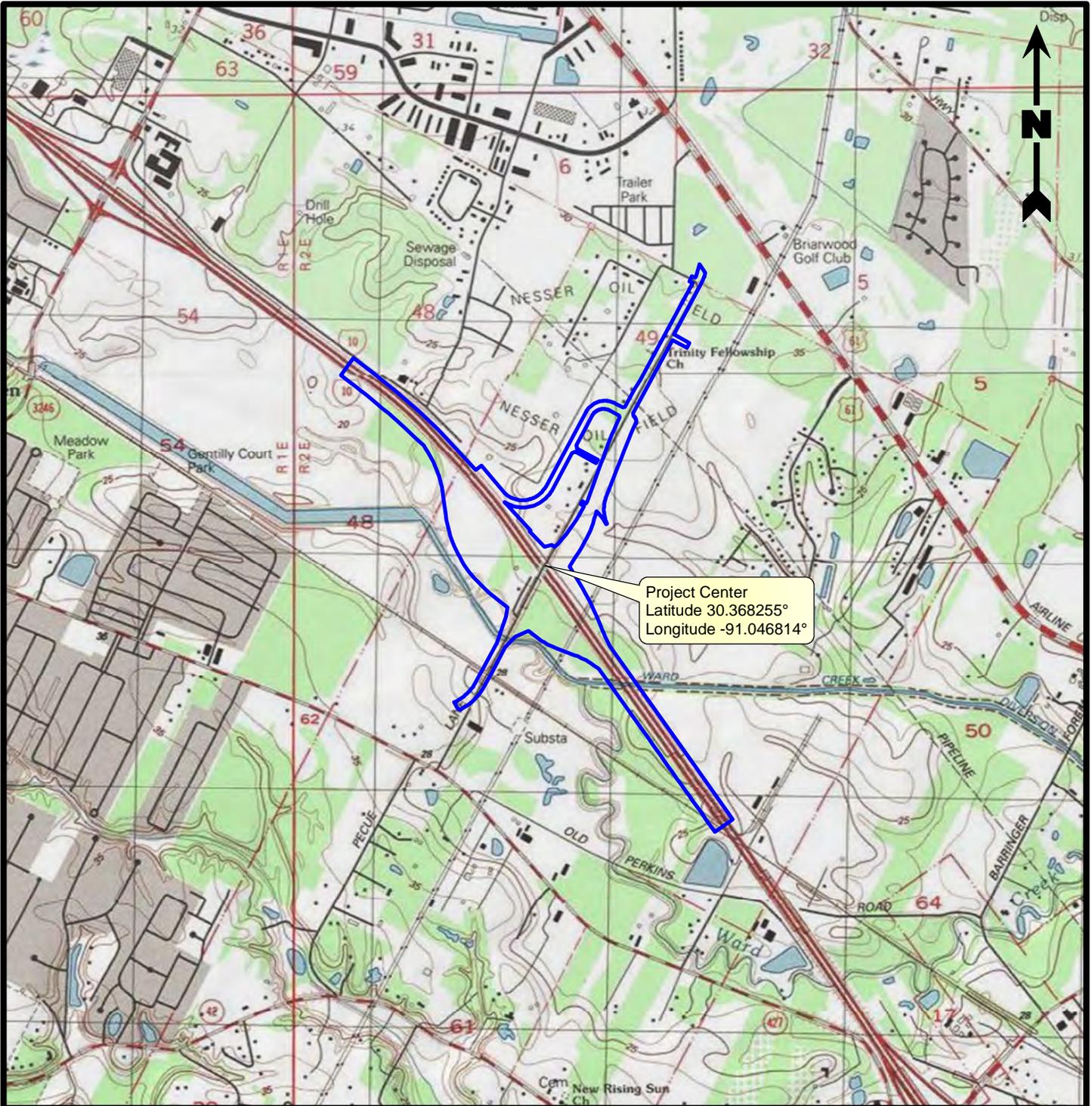
PROVIDENCE

Drawn By	CT	9/14/2015
Checked By	ABS	9/14/2015
Approved By	LAW	9/14/2015

Project Number	653-002
Drawing Number	653-002-A047

1
Figure

FIGURE 2
SITE LOCATION MAP



Legend



Limits of Delineation (131.49 acres)

Reference

Base map comprised of U.S.G.S. 7.5 minute topographic map, "Baton Rouge East, LA" dated 1995, and "St. Gabriel, LA" dated 1992..

Site Location Map

Wetland Analysis Report
East Baton Rouge Parish, Louisiana

City of Baton Rouge/Parish of East Baton Rouge
Pecue Lane/I-10 Interchange (H.004104)

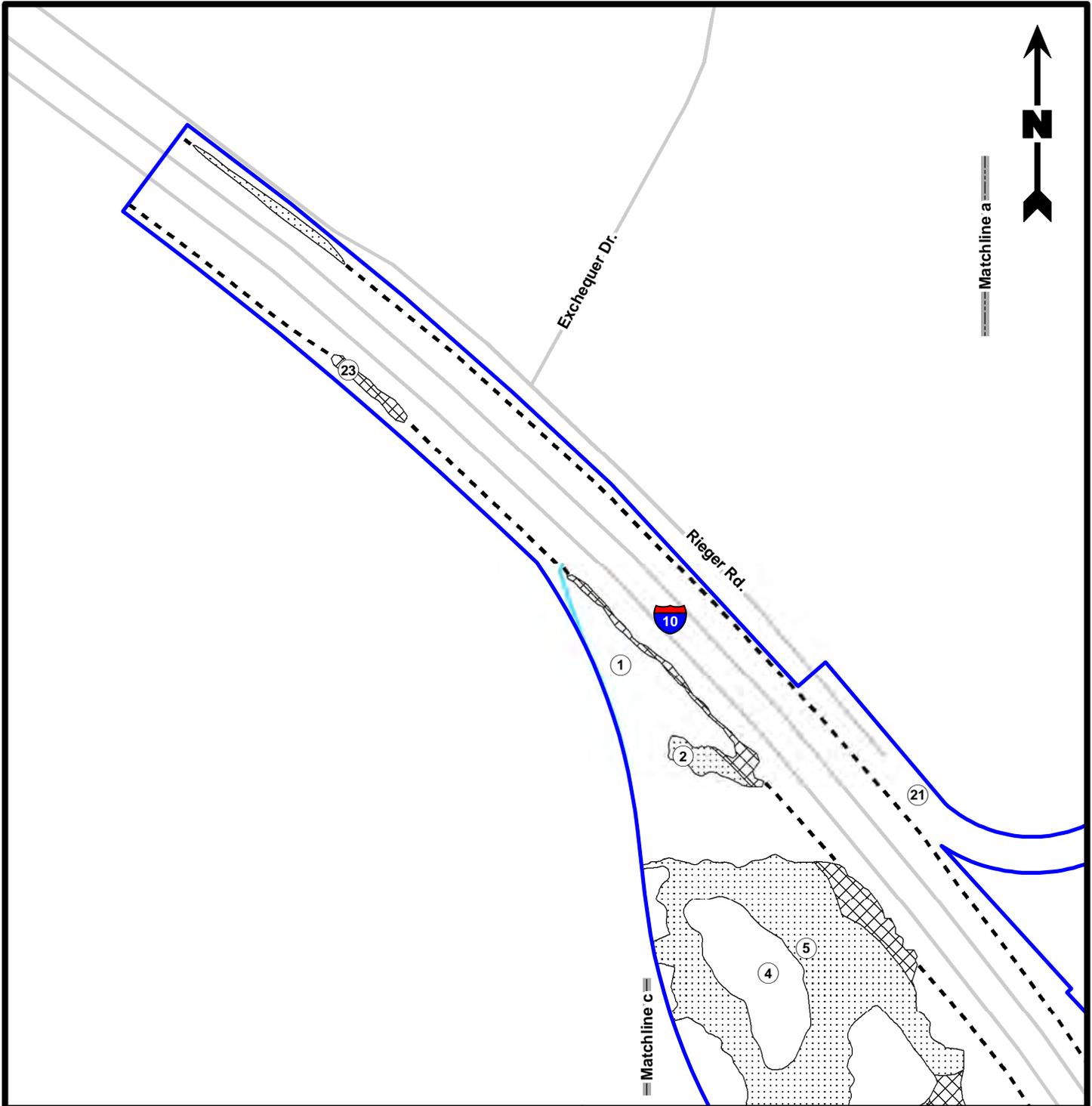


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Approved By	LAW	9/14/2015

Project Number	2
653-002	
Drawing Number	Figure
653-002-A048	

FIGURES 3a-3e
SITE PLANS



Legend



- Limits of Delineation (131.49 acres)
- Roadside Ditches (14,875.05 linear feet)
- PFO (10.49 acres)
- PEM (11.64 acres)
- Potential Jurisdictional Other Waters of the U.S. (1.05 acres)
- Sample Locations

Reference

Base map comprised of ESRI World Imagery.

Site Plan

Wetland Analysis Report
East Baton Rouge Parish, Louisiana

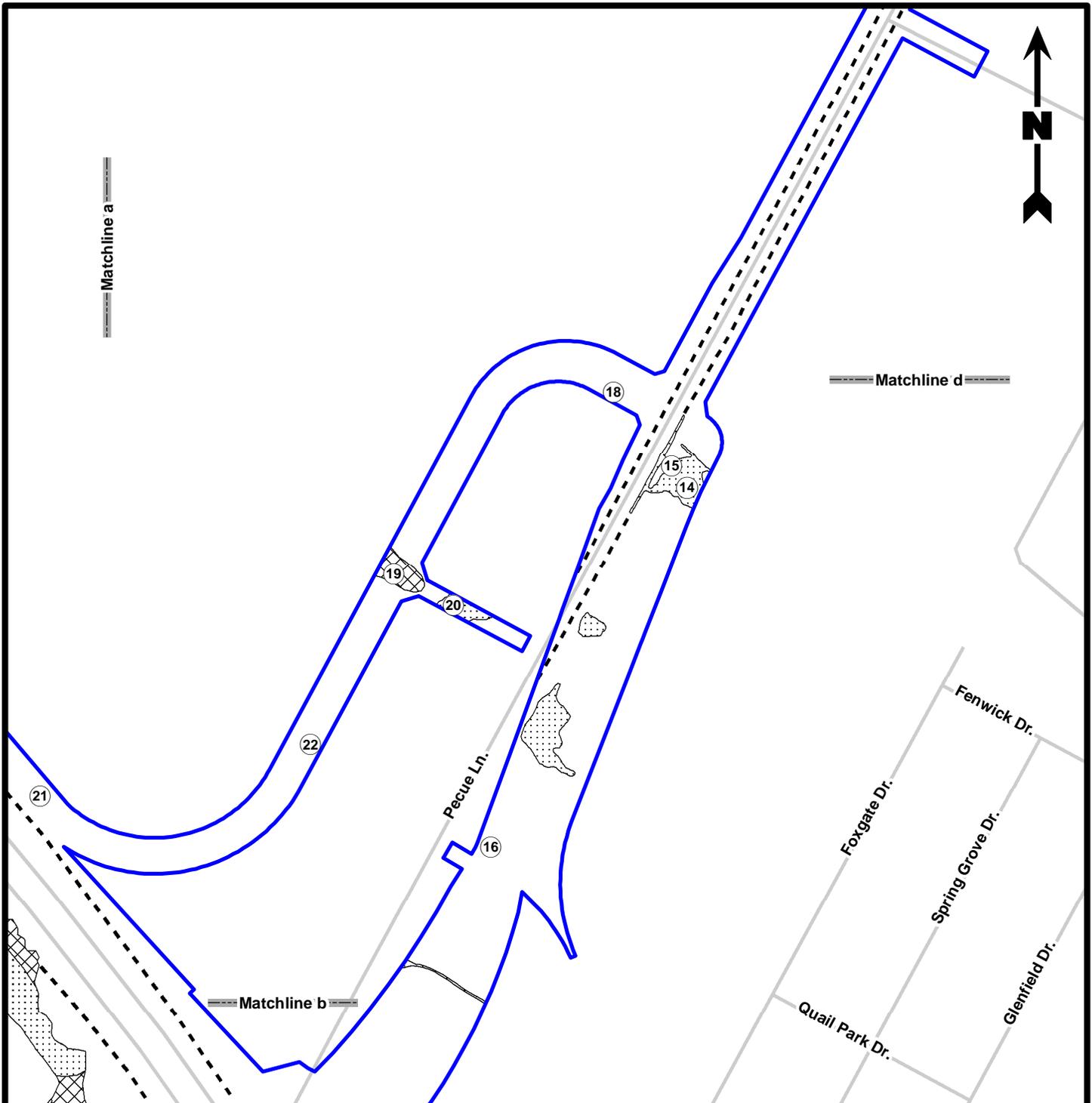
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Project Number	653-002
Drawing Number	653-002-A049

3a
Figure



Legend



- Limits of Delineation (131.49 acres)
- Roadside Ditches (14,875.05 linear feet)
- PFO (10.49 acres)
- PEM (11.64 acres)
- Potential Jurisdictional Other Waters of the U.S. (1.05 acres)
- Sample Locations

Reference

Base map comprised of ESRI World Imagery.

Site Plan

Wetland Analysis Report
East Baton Rouge Parish, Louisiana

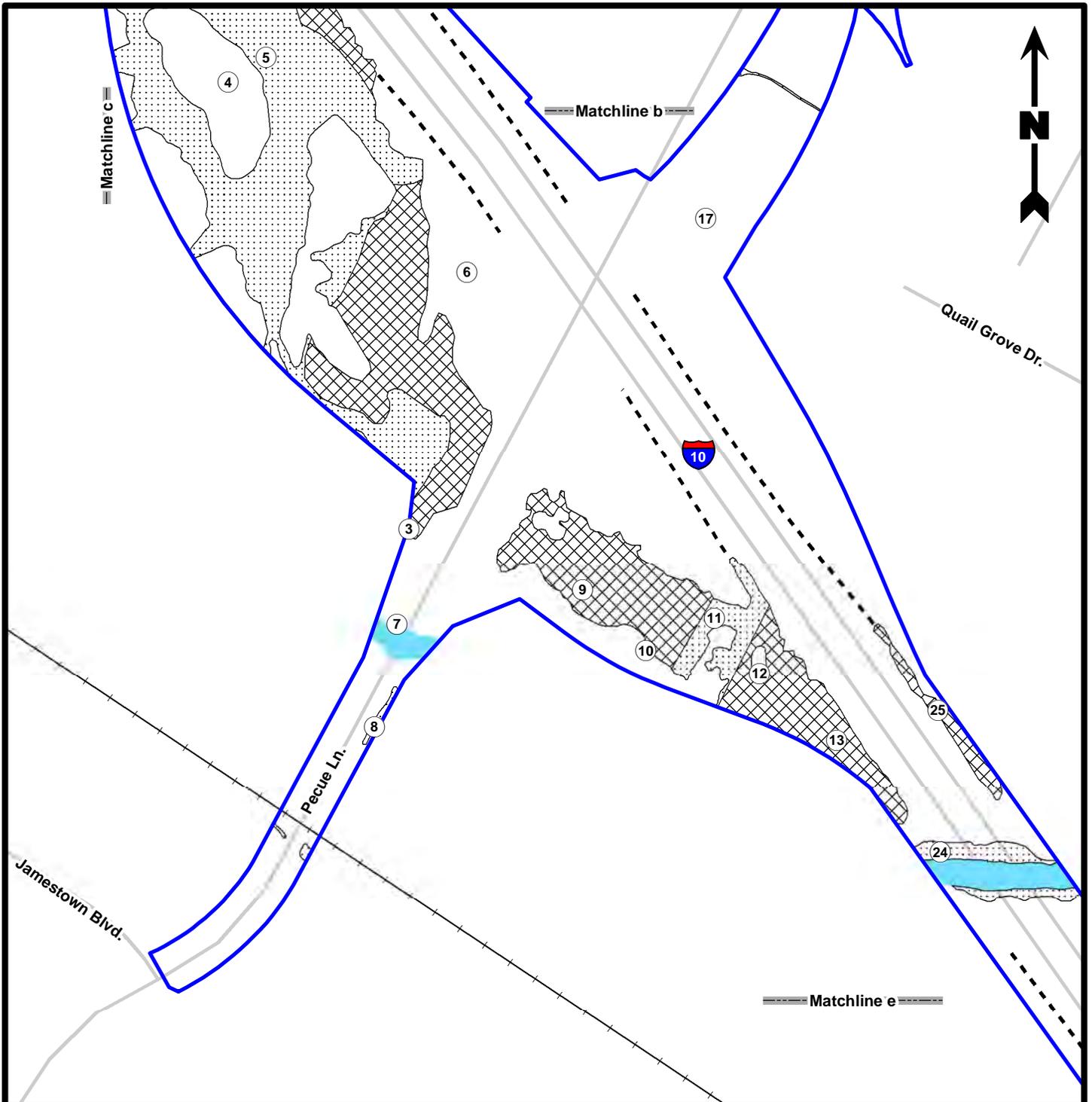
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Approved By	LAW	9/14/2015

Project Number 653-002	3b
Drawing Number 653-002-A049	
Figure	



Legend



- Limits of Delineation (131.49 acres)
- Potential Jurisdictional Wetlands
 - PFO (10.49 acres)
 - PEM (11.64 acres)
- Potential Jurisdictional Other Waters of the U.S. (1.05 acres)
- Sample Locations
- Roadside Ditches (14,875.05 linear feet)

Reference

Base map comprised of ESRI World Imagery.

Site Plan

Wetland Analysis Report
East Baton Rouge Parish, Louisiana

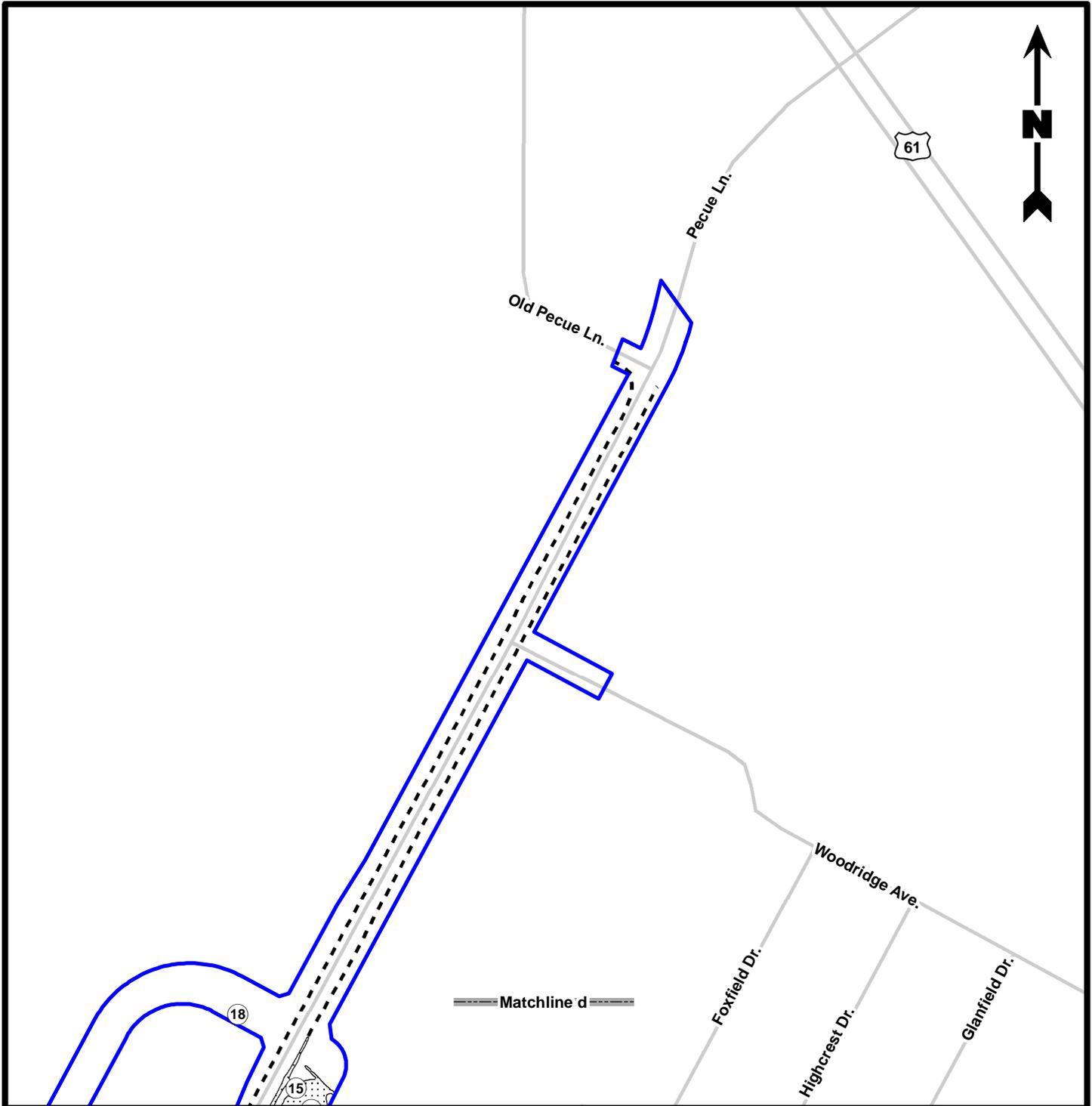
City of Baton Rouge/Parish of East Baton Rouge
Pecue Lane/I-10 Interchange (H.004104)



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653-002	
Drawing Number	3C Figure
653-002-A049	



Legend



- Limits of Delineation (131.49 acres)
- Sample Locations
- Potential Jurisdictional Wetlands**
- PFO (10.49 acres)
- PEM (11.64 acres)
- Potential Jurisdictional Other Waters of the U.S. (1.05 acres)
- Roadside Ditches (14,875.05 linear feet)

Reference

Base map comprised of ESRI World Imagery.

Site Plan

Wetland Analysis Report
East Baton Rouge Parish, Louisiana

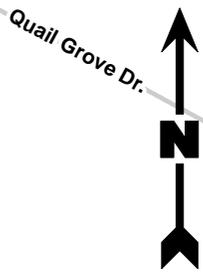
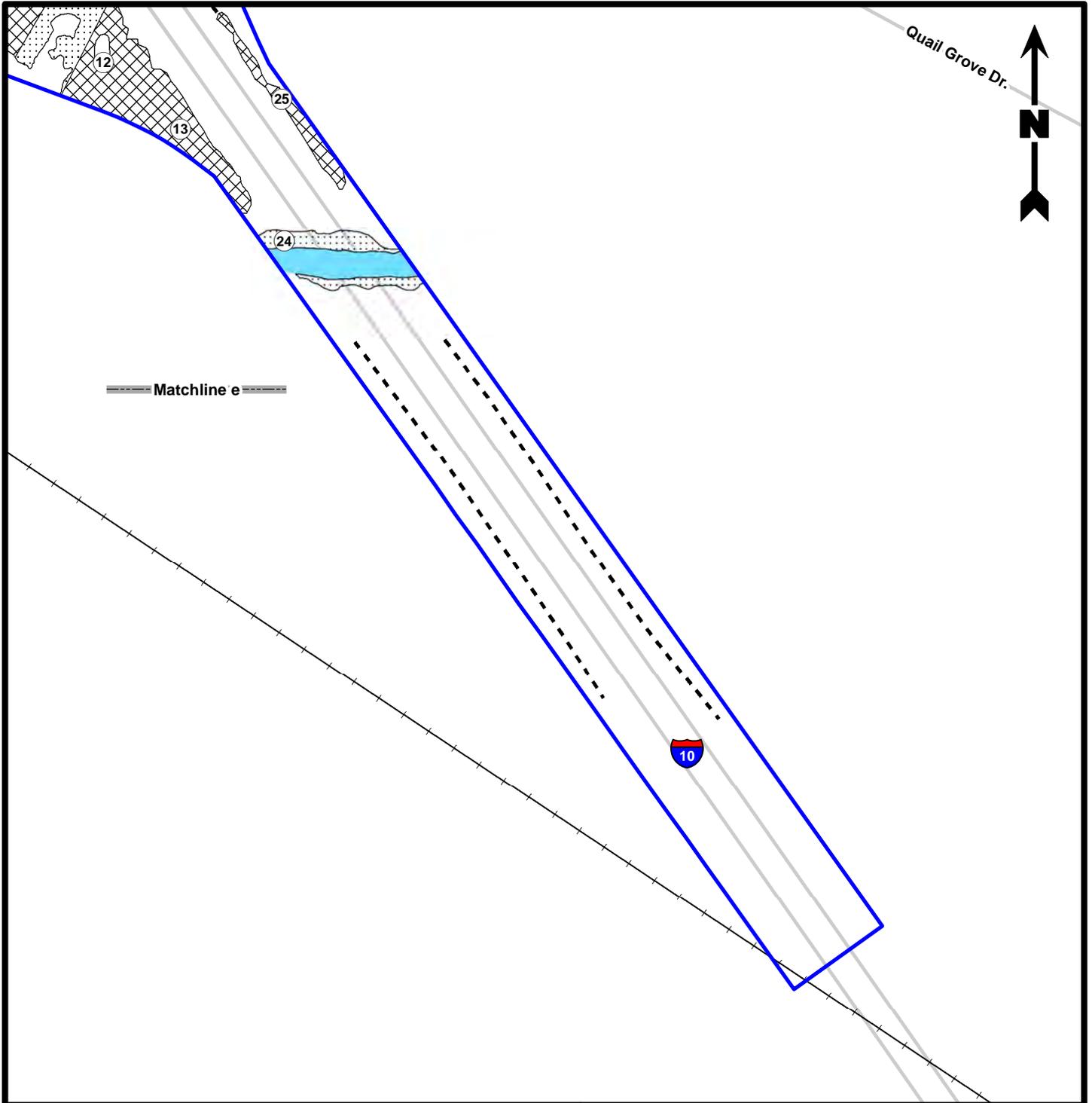
City of Baton Rouge/Parish of East Baton Rouge
Pecue Lane/I-10 Interchange (H.004104)



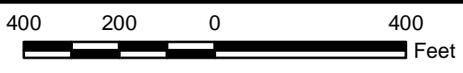
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Checked By	ABS	9/14/2015
Approved By	LAW	9/14/2015

Project Number	653-002
Drawing Number	653-002-A049

3d
Figure



Matchline e



Legend

- Limits of Delineation (131.49 acres)
- Sample Locations
- Potential Jurisdictional Wetlands**
- PFO (10.49 acres)
- PEM (11.64 acres)
- Potential Jurisdictional Other Waters of the U.S. (1.05 acres)
- Roadside Ditches (14,875.05 linear feet)

Reference

Base map comprised of ESRI World Imagery.

Site Plan

Wetland Analysis Report
East Baton Rouge Parish, Louisiana

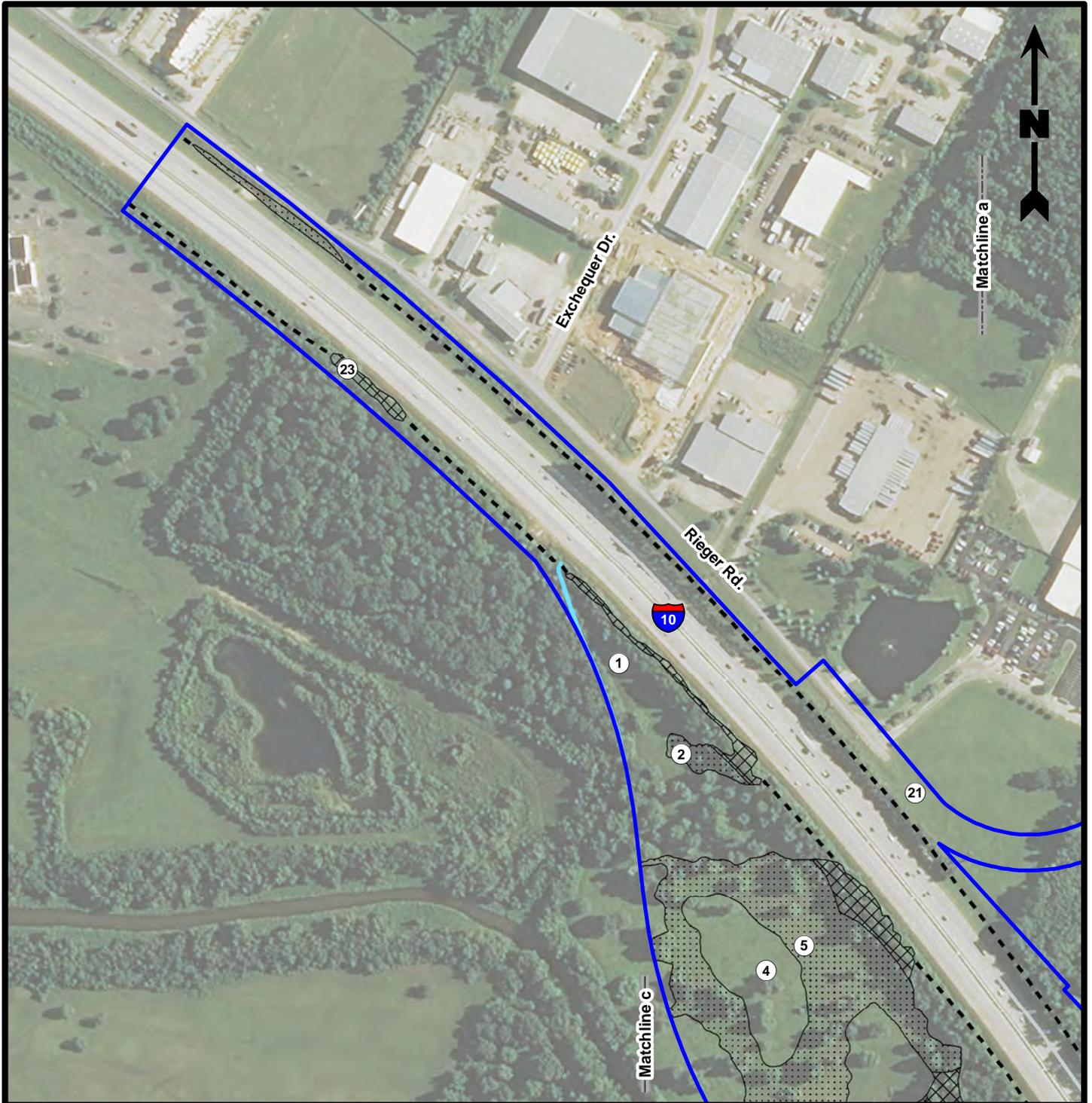
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Pecue Lane/I-10 Interchange (H.004104)



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Drawing Number		3e Figure
653-002-A049		

Providence Engineering and Environmental Group LLC

FIGURES 4a-4e
AERIAL PHOTOGRAPHS



Legend



- Limits of Delineation (131.49 acres)
- Roadside Ditches (14,875.05 linear feet)
- PFO (10.49 acres)
- PEM (11.64 acres)
- Potential Jurisdictional Other Waters of the U.S. (1.05 acres)
- Sample Locations

Reference

Base map comprised of ESRI World Imagery.

Aerial Photograph

Wetland Analysis Report
East Baton Rouge Parish, Louisiana

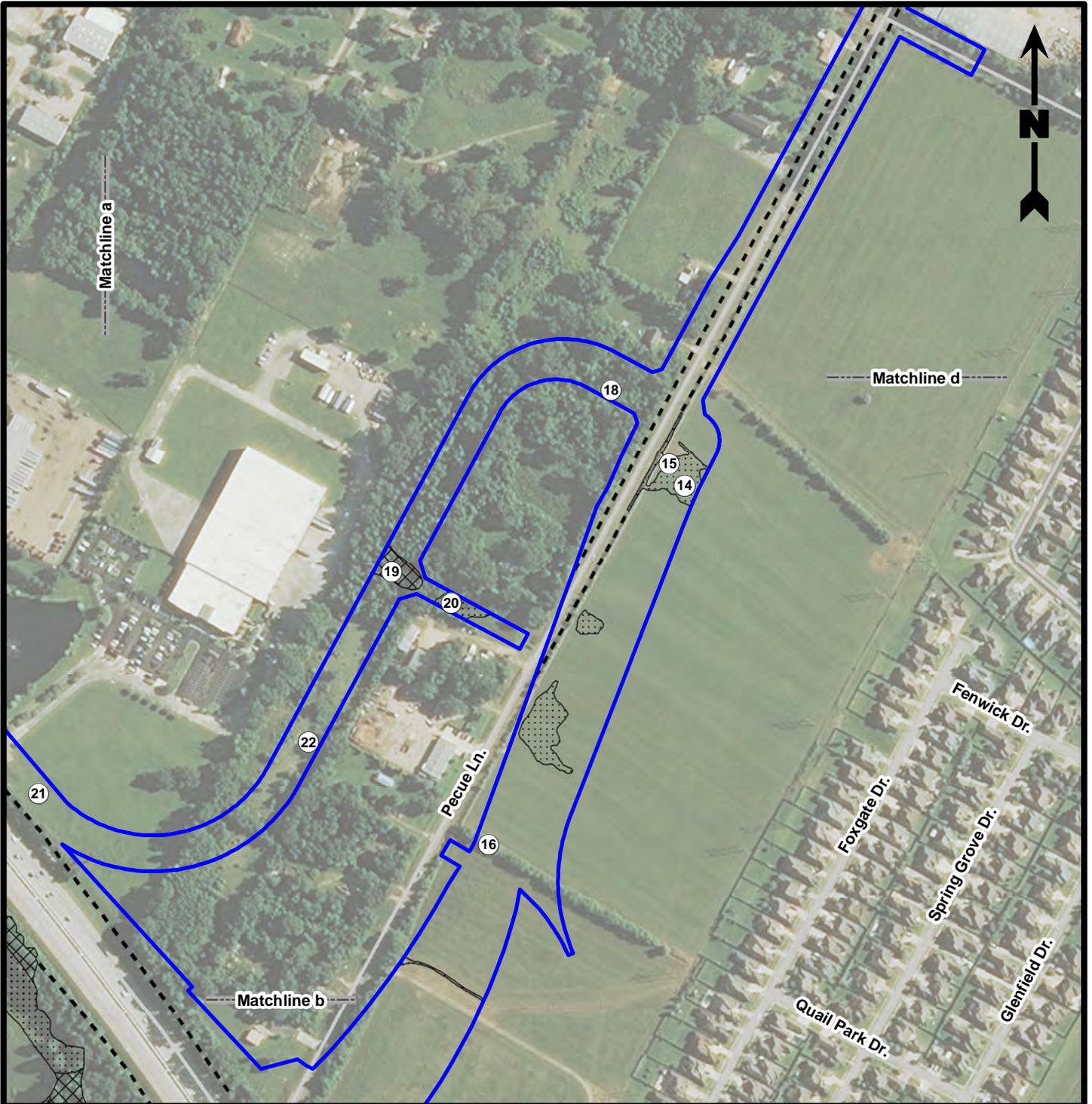
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Project Number 653-002	4a Figure
Drawing Number 653-002-A050	



Legend

- Limits of Delineation (131.49 acres)
- Sample Locations
- Potential Jurisdictional Wetlands**
- PFO (10.49 acres)
- PEM (11.64 acres)
- Potential Jurisdictional Other Waters of the U.S. (1.05 acres)
- Roadside Ditches (14,875.05 linear feet)

Reference

Base map comprised of ESRI World Imagery.

Aerial Photograph

Wetland Analysis Report
East Baton Rouge Parish, Louisiana

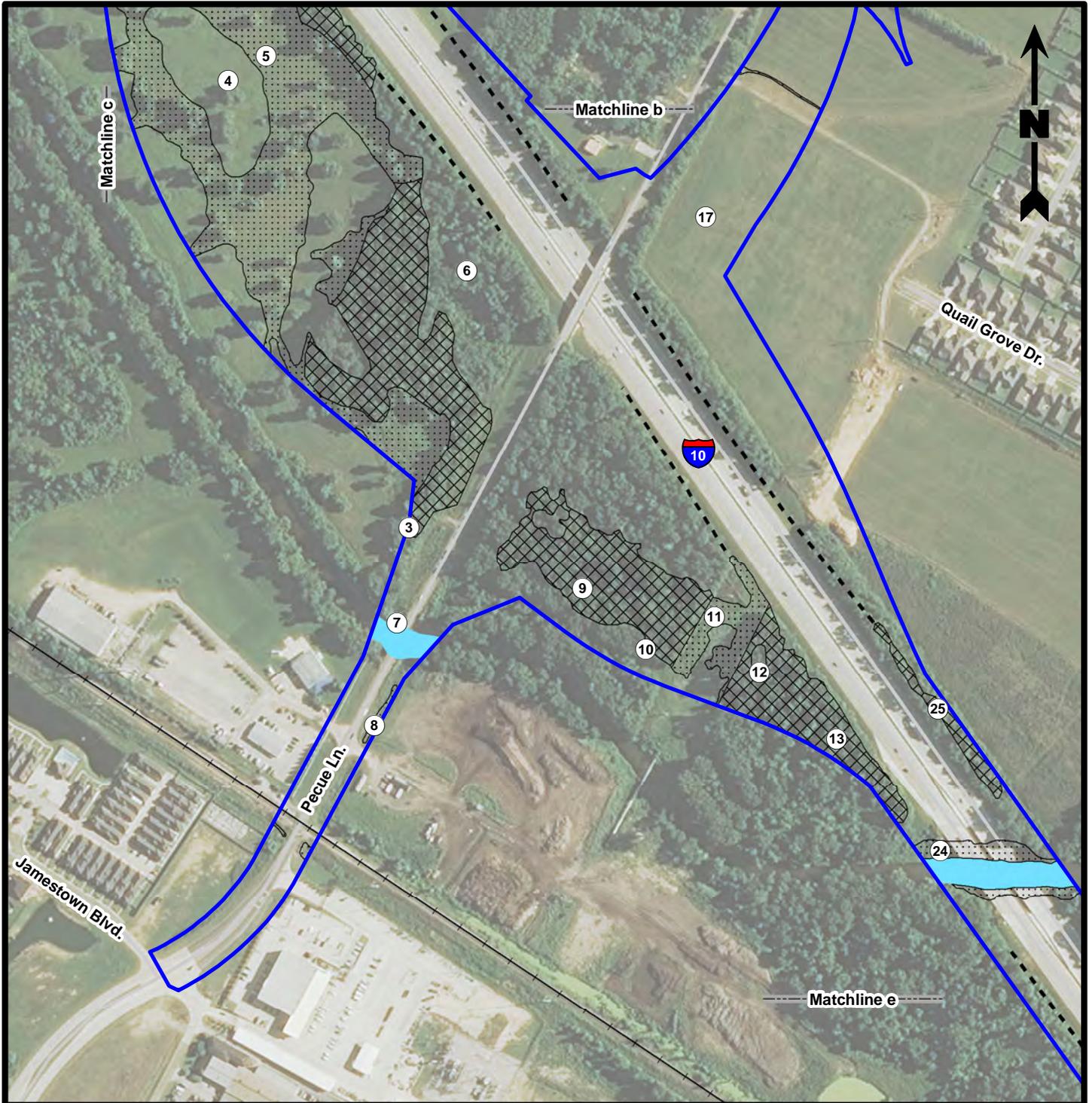
City of Baton Rouge/Parish of East Baton Rouge
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Drawn By	CT	9/14/2015
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Project Number 653-002	4b
Drawing Number 653-002-A050	
Figure	



Legend



- Limits of Delineation (131.49 acres)
- Sample Locations
- Potential Jurisdictional Wetlands**
- PFO (10.49 acres)
- PEM (11.64 acres)
- Potential Jurisdictional Other Waters of the U.S. (1.05 acres)
- Roadside Ditches (14,875.05 linear feet)

Reference

Base map comprised of ESRI World Imagery.

Aerial Photograph

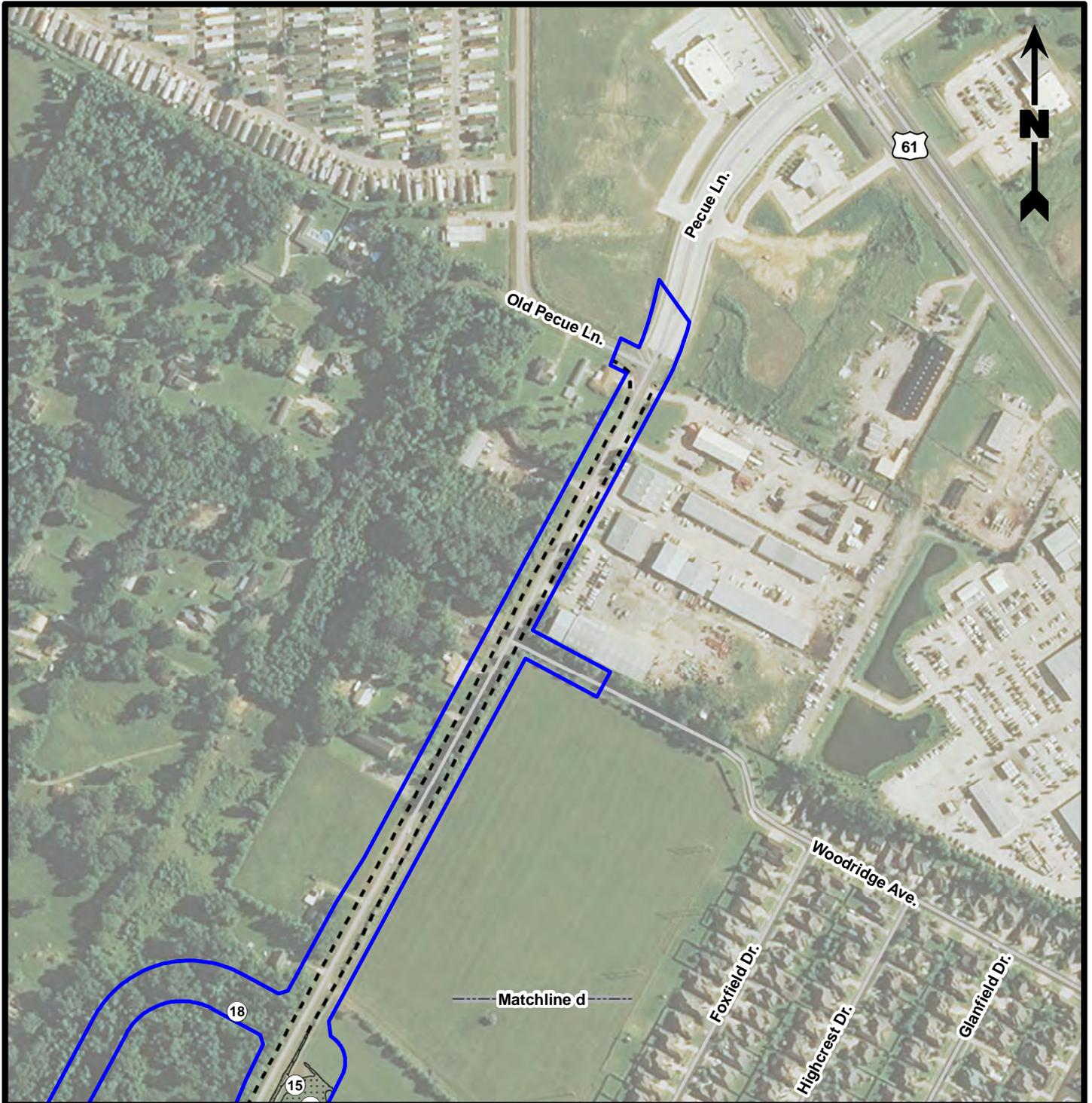
Wetland Analysis Report
East Baton Rouge Parish, Louisiana

City of Baton Rouge/Parish of East Baton Rouge
Pecue Lane/I-10 Interchange (H.004104)



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Project Number 653-002	4C
Drawing Number 653-002-A050	
Figure	



Legend



- Limits of Delineation (131.49 acres)
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Aerial Photograph

Wetland Analysis Report
East Baton Rouge Parish, Louisiana

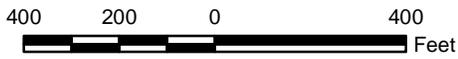
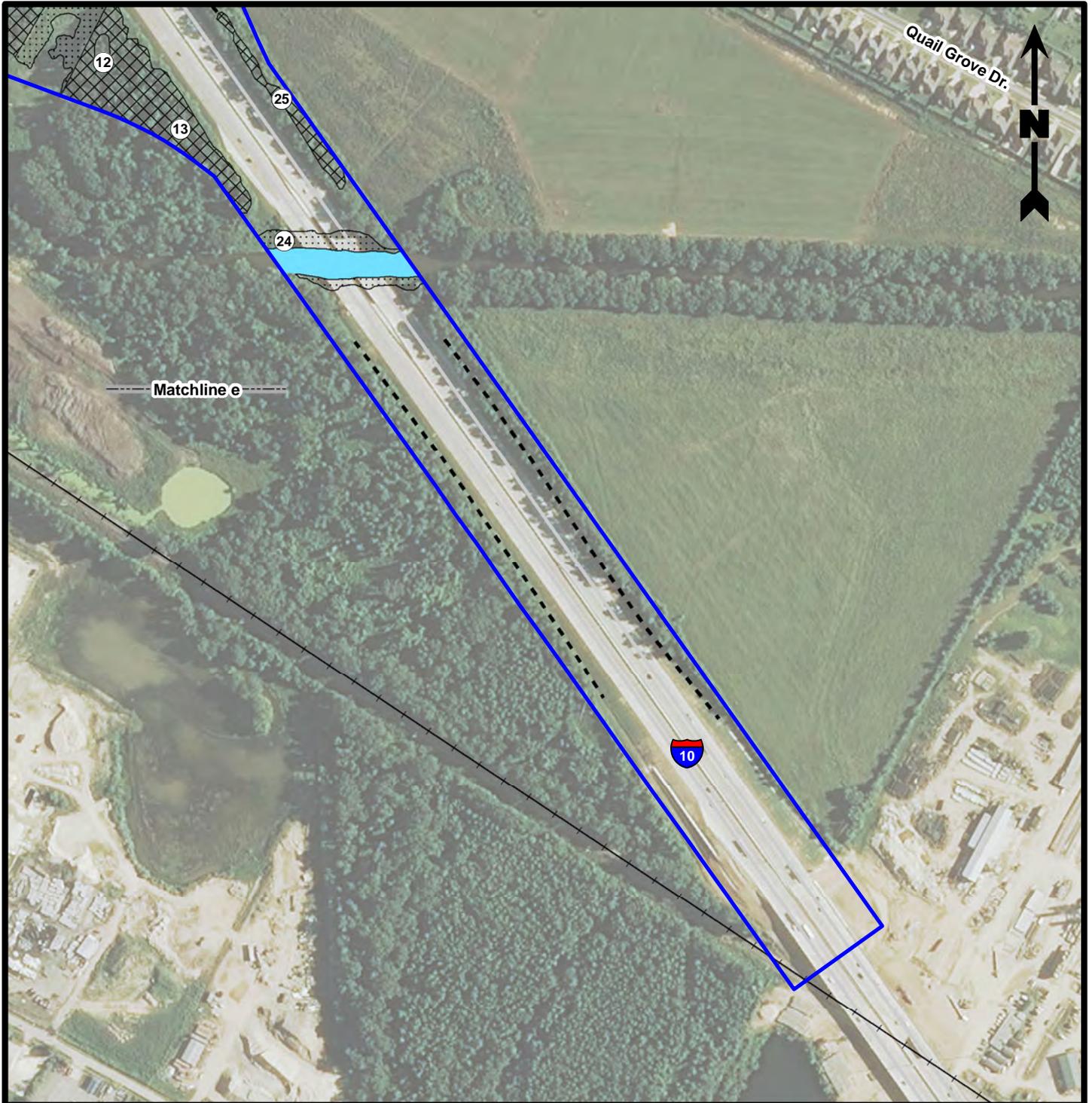
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Project Number	653-002	4d
Drawing Number	653-002-A050	
		Figure



Legend

- Limits of Delineation (131.49 acres)
- Roadside Ditches (14,875.05 linear feet)
- PFO (10.49 acres)
- Potential Jurisdictional Other Waters of the U.S. (1.05 acres)
- Sample Locations

Reference

Base map comprised of ESRI World Imagery.

Aerial Photograph

Wetland Analysis Report
East Baton Rouge Parish, Louisiana

City of Baton Rouge/Parish of East Baton Rouge
Pecue Lane/I-10 Interchange (H.004104)

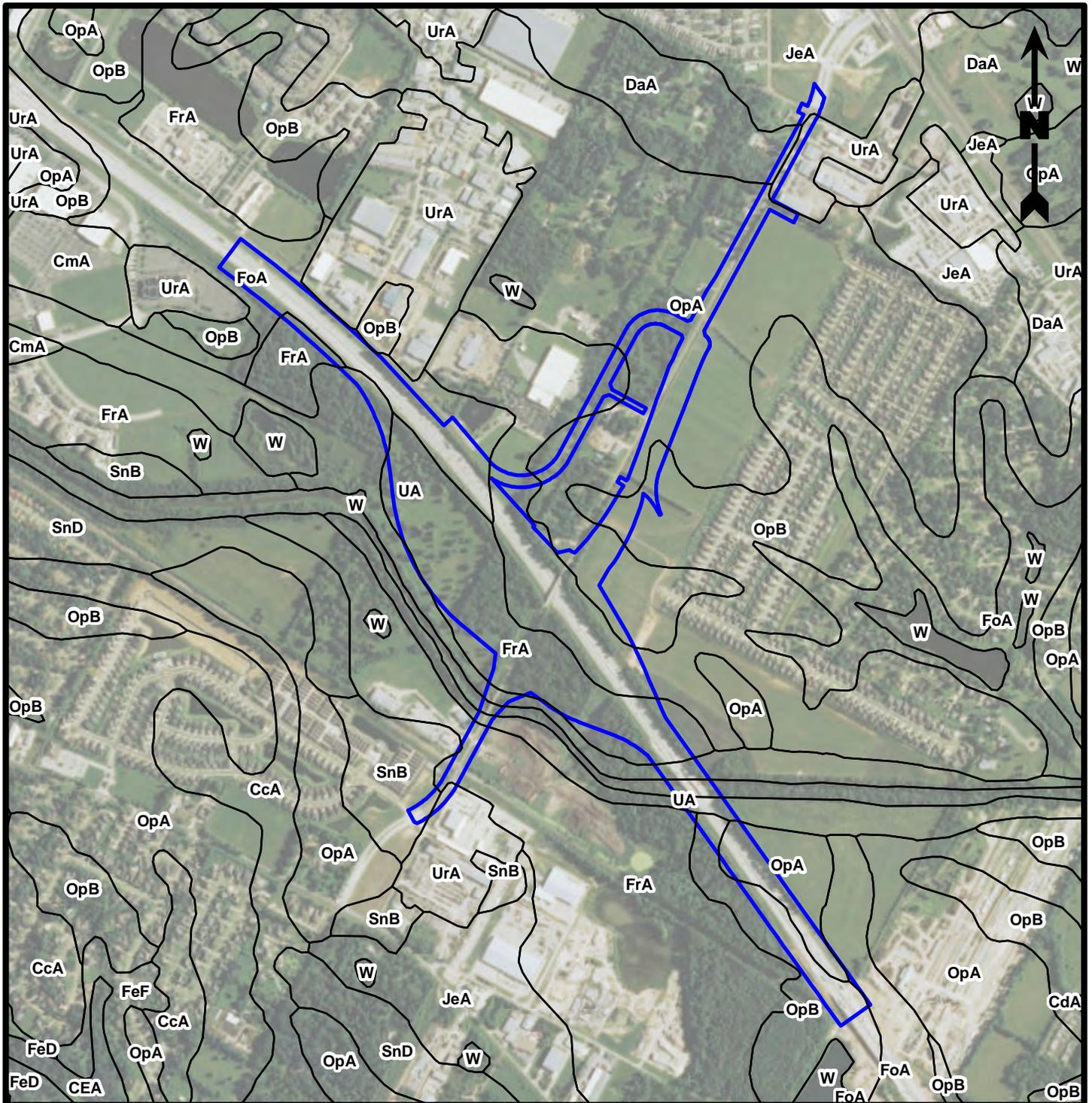


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Checked By	ABS	9/14/2015
Approved By	LAW	9/14/2015

Project Number 653-002	4e Figure
Drawing Number 653-002-A050	

FIGURE 5
SOILS MAP



Legend



- Limits of Delineation (131.49 acres)
- Soils
 - DaA - Deerford-Verdun complex, 0 to 2 percent slopes
 - FoA - Frost silt loam, 0 to 1 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
 - UA - Udarents
 - UrA - Urban land
 - W - Water

Reference

Base map comprised of ESRI World Imagery.

Soils Map

Wetland Analysis Report
East Baton Rouge Parish, Louisiana

City of Baton Rouge/Parish of East Baton Rouge
Pecue Lane/I-10 Interchange (H.004104)



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Drawn By	CT	9/14/2015
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Approved By	LAW	9/14/2015

Project Number	653-002	5 Figure
Drawing Number	653-002-A051	

EXHIBIT A
COPIES OF SITE PHOTOGRAPHS

CITY OF BATON ROUGE, PARISH OF EAST BATON ROUGE

Site Name: Pecue Lane/I-10 Interchange

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

Date: June 17, 2015

Photograph #1A

Direction:

N/A

Comments:

Typical soil profile at
Sample Location 1.



Photograph #1B

Direction:

Southeast

Comments:

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



CITY OF BATON ROUGE, PARISH OF EAST BATON ROUGE

Site Name: Pecue Lane/I-10 Interchange

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

Date: June 17, 2015

Photograph #2A

Direction:

N/A

Comments:

Typical soil profile at
Sample Location 2.



Photograph #2B

Direction:

East

Comments:

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



CITY OF BATON ROUGE, PARISH OF EAST BATON ROUGE

Site Name: Pecue Lane/I-10 Interchange

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

Date: June 17, 2015

Photograph #3A

Direction:

N/A

Comments:

Typical soil profile at
Sample Location 3.



Photograph #3B

Direction:

North

Comments:

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



CITY OF BATON ROUGE, PARISH OF EAST BATON ROUGE

Site Name: Pecue Lane/I-10 Interchange

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

Date: June 17, 2015

Photograph #4A

Direction:

N/A

Comments:

Typical soil profile at
Sample Location 4.



Photograph #4B

Direction:

Southeast

Comments:

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



CITY OF BATON ROUGE, PARISH OF EAST BATON ROUGE

Site Name: Pecue Lane/I-10 Interchange

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

Date: June 17, 2015

Photograph #5A

Direction:

N/A

Comments:

Typical soil profile at
Sample Location 5.



Photograph #5B

Direction:

Northeast

Comments:

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



CITY OF BATON ROUGE, PARISH OF EAST BATON ROUGE

Site Name: Pecue Lane/I-10 Interchange

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

Date: June 17, 2015

Photograph #6A

Direction:

N/A

Comments:

Typical soil profile at
Sample Location 6.



Photograph #6B

Direction:

Northeast

Comments:

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



CITY OF BATON ROUGE, PARISH OF EAST BATON ROUGE

Site Name: Pecue Lane/I-10 Interchange

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

Date: June 17, 2015

Photograph #7A

Direction:

N/A

Comments:

Typical soil profile at
Sample Location 7.



Photograph #7B

Direction:

Southeast

Comments:

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



CITY OF BATON ROUGE, PARISH OF EAST BATON ROUGE

Site Name: Pecue Lane/I-10 Interchange

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

Date: June 17, 2015

Photograph #8A

Direction:

N/A

Comments:

Typical soil profile at
Sample Location 8.



Photograph #8B

Direction:

West

Comments:

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



CITY OF BATON ROUGE, PARISH OF EAST BATON ROUGE

Site Name: Pecue Lane/I-10 Interchange

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

Date: June 17, 2015

Photograph #9A

Direction:

N/A

Comments:

Typical soil profile at
Sample Location 9.



Photograph #9B

Direction:

East

Comments:

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



CITY OF BATON ROUGE, PARISH OF EAST BATON ROUGE

Site Name: Pecue Lane/I-10 Interchange

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

Date: June 17, 2015

Photograph #10A

Direction:

N/A

Comments:

Typical soil profile at
Sample Location 10.



Photograph #10B

Direction:

North

Comments:

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



CITY OF BATON ROUGE, PARISH OF EAST BATON ROUGE

Site Name: Pecue Lane/I-10 Interchange

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

Date: June 17, 2015

Photograph #11A

Direction:

N/A

Comments:

Typical soil profile at
Sample Location 11.



Photograph #11B

Direction:

East

Comments:

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



CITY OF BATON ROUGE, PARISH OF EAST BATON ROUGE

Site Name: Pecue Lane/I-10 Interchange

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

Date: June 17, 2015

Photograph #12A

Direction:

N/A

Comments:

Typical soil profile at
Sample Location 12.



Photograph #12B

Direction:

West

Comments:

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



CITY OF BATON ROUGE, PARISH OF EAST BATON ROUGE

Site Name: Pecue Lane/I-10 Interchange

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

Date: June 17, 2015

Photograph #13A

Direction:

N/A

Comments:

Typical soil profile at
Sample Location 13.



Photograph #13B

Direction:

North

Comments:

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



CITY OF BATON ROUGE, PARISH OF EAST BATON ROUGE

Site Name: Pecue Lane/I-10 Interchange

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

Date: June 17, 2015

Photograph #14A

Direction:

N/A

Comments:

Typical soil profile at
Sample Location 14.



Photograph #14B

Direction:

Northeast

Comments:

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



CITY OF BATON ROUGE, PARISH OF EAST BATON ROUGE

Site Name: Pecue Lane/I-10 Interchange

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

Date: June 17, 2015

Photograph #15A

Direction:

N/A

Comments:

Typical soil profile at
Sample Location 15.



Photograph #15B

Direction:

Southwest

Comments:

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



CITY OF BATON ROUGE, PARISH OF EAST BATON ROUGE

Site Name: Pecue Lane/I-10 Interchange

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

Date: June 17, 2015

Photograph #16A

Direction:

N/A

Comments:

Typical soil profile at
Sample Location 16.



Photograph #16B

Direction:

Northwest

Comments:

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



CITY OF BATON ROUGE, PARISH OF EAST BATON ROUGE

Site Name: Pecue Lane/I-10 Interchange

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

Date: June 18, 2015

Photograph #17A

Direction:

N/A

Comments:

Typical soil profile at
Sample Location 17.



Photograph #17B

Direction:

South

Comments:

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



CITY OF BATON ROUGE, PARISH OF EAST BATON ROUGE

Site Name: Pecue Lane/I-10 Interchange

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

Date: June 18, 2015

Photograph #18A

Direction:

N/A

Comments:

Typical soil profile at
Sample Location 18.



Photograph #18B

Direction:

North

Comments:

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



CITY OF BATON ROUGE, PARISH OF EAST BATON ROUGE

Site Name: Pecue Lane/I-10 Interchange

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

Date: June 18, 2015

Photograph #19A

Direction:

N/A

Comments:

Typical soil profile at
Sample Location 19.



Photograph #19B

Direction:

Southeast

Comments:

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



CITY OF BATON ROUGE, PARISH OF EAST BATON ROUGE

Site Name: Pecue Lane/I-10 Interchange

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

Date: June 18, 2015

Photograph #20A

Direction:

N/A

Comments:

Typical soil profile at
Sample Location 20.



Photograph #20B

Direction:

Southeast

Comments:

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



CITY OF BATON ROUGE, PARISH OF EAST BATON ROUGE

Site Name: Pecue Lane/I-10 Interchange

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

Date: June 18, 2015

Photograph #21A

Direction:

N/A

Comments:

Typical soil profile at
Sample Location 21.



Photograph #21B

Direction:

Southeast

Comments:

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



CITY OF BATON ROUGE, PARISH OF EAST BATON ROUGE

Site Name: Pecue Lane/I-10 Interchange

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

Date: June 18, 2015

Photograph #22A

Direction:

N/A

Comments:

Typical soil profile at
Sample Location 22.



Photograph #22B

Direction:

Southwest

Comments:

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



CITY OF BATON ROUGE, PARISH OF EAST BATON ROUGE

Site Name: Pecue Lane/I-10 Interchange

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

Date: June 18, 2015

Photograph #23A

Direction:

N/A

Comments:

Typical soil profile at
Sample Location 23.



Photograph #23B

Direction:

Southeast

Comments:

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



CITY OF BATON ROUGE, PARISH OF EAST BATON ROUGE

Site Name: Pecue Lane/I-10 Interchange

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

Date: June 18, 2015

Photograph #24A

Direction:

N/A

Comments:

Typical soil profile at
Sample Location 24.



Photograph #24B

Direction:

West

Comments:

View of habitat and
typical landscape features
at Sample Location 24.



CITY OF BATON ROUGE, PARISH OF EAST BATON ROUGE

Site Name: Pecue Lane/I-10 Interchange

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

Date: June 18, 2015

Photograph #25A

Direction:

N/A

Comments:

Typical soil profile at
Sample Location 25.



Photograph #25B

Direction:

Northwest

Comments:

View of habitat and
typical landscape features
at Sample Location 25.



EXHIBIT B

**WETLAND DETERMINATION DATA FORMS - ATLANTIC AND
GULF COASTAL PLAIN REGION**

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site:	Pecue Lane/ I-10 Interchange	Parish: East Baton Rouge	Sampling Date:	6/17/2015
Applicant/Owner:	City of Baton Rouge, Parish of East Baton Rouge	State: Louisiana	Sampling Point:	1
Investigator(s):	Chad Turner and Angela Singletary	Section, Township, Range:	Section 48, Township 8 South, Range 2 East	
Landform (hillslope, terrace, etc.):	Flat	Local Relief (concave, convex, none):	None	Slope: 0-1%
Subregion (LRR or MLRA):	LRR P	Lat: 30.371684°	Long: -91.051391°	Datum: NAD 83
Soil Map Unit Name:	Udarents	NWI Classification: PSS1Cd		

Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? No Are "Normal Circumstances" present? Yes

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? No (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS

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

Remarks:

HYDROLOGY

Wetland Hydrology Indicators		Secondary Indicators (Need 2):	
Primary Indicators (Need 1):		No Surface Soil Cracked (B6)	
No Surface Water (A1)	No Water Stained Leaves (B9)	No Sparsely Veg. Concave Surface (B8)	
No High Water Table (A2)	No Aquatic Fauna (B13)	No Drainage Patterns (B10)	
No Saturation (A3)	No Marl Deposits (B15) (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 (B2)	No Oxidized Root Channels (C3)	No Crayfish Burrows (C8)	
No Drift Deposits (B3)	No Presence of Reduced 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 Aerial Imagery (B7)	No Other (Explain in Remarks)	No FAC-Neutral Test (D5)	
		No Sphagnum Moss (D8) (LRR T, U)	

Field Observations:

Surface Water Present?	No	Depth (inches):	N/A	Wetland Hydrology Present?
Water table Present?	No	Depth (inches):	N/A	
Saturation Present?	No	Depth (inches):	N/A	

No

Remarks:

SOIL

Depth Inches	Matrix		Redox Features			Location	Texture
	Color	%	Color	%	Type		
0-8	10YR 5/2	100					silt loam
8-16	10YR 6/2	75	10YR 4/3	25	C	M	silt loam

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

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

Restrictive Layer (if observed):

Type:	None	Hydric Soil Present?
Depth inches:	None	

No

Remarks:

Soil profile appears to be consistent with Calhoun silt loam.

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site: Pecue Lane/ I-10 Interchange		Parish: East Baton Rouge		Sampling Date: 6/17/2015	
Applicant/Owner: City of Baton Rouge, Parish of East Baton Rouge		State: Louisiana		Sampling Point: 2	
Investigator(s): Chad Turner and Angela Singletary		Section, Township, Range:		Section 49, Township 8 South, Range 2 East	
Landform (hillslope, terrace, etc.): Flat		Local Relief (concave, convex, none): None		Slope: 0-1%	
Subregion (LRR or MLRA): LRR P		Lat: 30.370988°		Long: -91.050844°	
Soil Map Unit Name: Frost silt loam, 0 to 1 percent slopes, occasionally flooded		NW1 Classification: PSS1Cd			
Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)					
Are Vegetation, Soil, or Hydrology significantly disturbed? No Are "Normal Circumstances" present? Yes					
Are Vegetation, Soil, or Hydrology naturally problematic? No (If needed, explain any answers in Remarks.)					

SUMMARY OF FINDINGS	
Hydrophytic Vegetation Present? Yes	Is the Sampled Area within a Wetland? Yes
Hydric Soil Present? Yes	
Wetland Hydrology Present? Yes	
Remarks:	

HYDROLOGY	
Wetland Hydrology Indicators	
Primary Indicators (Need 1):	
Yes Surface Water (A1)	No Water Stained Leaves (B9)
Yes High Water Table (A2)	No Aquatic Fauna (B13)
Yes Saturation (A3)	No Marl Deposits (B15) (LRR U)
No Water Marks (B1)	No Hydrogen Sulfide Odor (C1)
No Sediment Deposits (B2)	Yes Oxidized Root Channels (C3)
No Drift Deposits (B3)	No Presence of Reduced Iron (C4)
No Algal Mat or Crust (B4)	No Recent Reduct. in Tilled Soils (C6)
No Iron Deposits (B5)	No Thin Muck Surface (C7)
No Inundation on Aerial Imagery (B7)	No Other (Explain in Remarks)
Secondary Indicators (Need 2):	
No Surface Soil Cracked (B6)	
No Sparsely Veg. Concave Surface (B8)	
No Drainage Patterns (B10)	
No Moss Trim Lines (B16)	
No Dry-Season Water Table (C2)	
Yes Crayfish Burrows (C8)	
No Saturation on Aerial Imagery (C9)	
No Geomorphic Position (D2)	
No Shallow Aquitard (D3)	
Yes FAC-Neutral Test (D5)	
No Sphagnum Moss (D8) (LRR T, U)	

Field Observations:		
Surface Water Present? Yes	Depth (inches): 0-3	Wetland Hydrology Present? Yes
Water table Present? Yes	Depth (inches): 8-16	
Saturation Present? Yes	Depth (inches): 1-16	
Remarks:		

SOIL							
Depth Inches	Matrix		Redox Features			Location	Texture
	Color	%	Color	%	Type		
0-16	N 6/0	80	10YR 4/6	15	C	M	silty clay loam
			10YR 5/8	5	C	PL	

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

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

Restrictive Layer (if observed):		Hydric Soil Present? Yes
Type: None	Depth inches: None	

Remarks:

VEGETATION

SAMPLING POINT

Tree Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status	
None					Dominance Test Worksheet: Number of Dominant Species That are OBL, FACW, or FAC (A): <u>2</u> Total Number of Dominant Species Across All Strata <u>2</u> Percent of Dominant Species That Are OBL, FACW, or FAC (A/B): <u>100.00%</u>
<u>0</u> = Total Cover 50/20 Threshold 50% of Total Cover = 0 20% of Total Cover = 0					Prevalence Index Worksheet: Total % Cover of: <u> </u> MultiPLY OBL x1= <u> </u> FACW x2= <u> </u> FAC x3= <u> </u> FACU x4= <u> </u> UPL x5= <u> </u> A Totals B <u> </u> Prevalence Index (B/A)= <u> </u> Hydrophytic Vegetation Indicators: Rapid Test for Hydrophytic Veg: <u> </u> No Dominance Test > 50%: <u> </u> Yes Prevalence Index is ≤3.0: <u> </u> N/A Problematic Hydrophytic Veg: <u> </u> No
<u>0</u> = Total Cover 50/20 Threshold 50% of Total Cover = 0 20% of Total Cover = 0					
Definitions of Vegetation Strata: Tree - Woody plants, excluding woody vines, approximately 20' or more in height and 3" or larger in DBH. Sapling - Woody plants, excluding woody vines, approximately 20' or more in height and less than 3" in DBH. Shrub - Woody plants, excluding woody vines, approximately 3-20' in height. Herb - All herbaceous plants, including herbaceous vines, regardless of size. Includes woody plants, except woody vines, less than approximately 3' in height. Woody vine - All woody vines, regardless of height.					
Shrub Stratum Plot Size: 30' Absolute % Cover Dominant Species Indicator Status					
None					
<u>0</u> = Total Cover 50/20 Threshold 50% of Total Cover = 0 20% of Total Cover = 0					
Herb Stratum Plot Size: 30' Absolute % Cover Dominant Species Indicator Status					
<i>Eleocharis obtusa</i>		25	Yes	OBL	
<i>Alternanthera philoxeroides</i>		20	Yes	OBL	
<i>Paspalum notatum</i>		15	No	FACU	
<i>Diodia virginiana</i>		10	No	FAC	
<i>Cyperus pseudovegetus</i>		5	No	FACW	
<i>Hydrocotyle umbellata</i>		5	No	OBL	
<i>Persicaria hydropiperoides</i>		2	No	OBL	
<i>Rhynchospora corniculata</i>		2	No	OBL	
<u>84</u> = Total Cover 50/20 Threshold 50% of Total Cover = 42 20% of Total Cover = 16.8					
Woody Vine Stratum Plot Size: 30' Absolute % Cover Dominant Species Indicator Status					
None					
<u>0</u> = Total Cover 50/20 Threshold 50% of Total Cover = 0 20% of Total Cover = 0					
Hydrophytic Vegetation Present? <u> </u> Yes					

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site:	Pecue Lane/ I-10 Interchange		Parish:	East Baton Rouge	Sampling Date:	6/17/2015	
Applicant/Owner:	City of Baton Rouge, Parish of East Baton Rouge		State:	Louisiana	Sampling Point:	3	
Investigator(s):	Chad Turner and Angela Singletary		Section, Township, Range:	Section 49, Township 8 South, Range 2 East			
Landform (hillslope, terrace, etc.):	Flat	Local Relief (concave, convex, none):		None		Slope: 0-1%	
Subregion (LRR or MLRA):	LRR P	Lat: 30.365910°	Long: -91.048517°	Datum: NAD 83			
Soil Map Unit Name:	Frost silt loam, 0 to 1 percent slopes, occasionally flooded			NWI Classification: PSS1Cd			
Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)							
Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? No Are "Normal Circumstances" present? Yes							
Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? No (If needed, explain any answers in Remarks.)							

SUMMARY OF FINDINGS

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

HYDROLOGY

Wetland Hydrology Indicators		Secondary Indicators (Need 2):	
Primary Indicators (Need 1):		No Surface Soil Cracked (B6)	
Yes Surface Water (A1)	No Water Stained Leaves (B9)	No Sparsely Veg. Concave Surface (B8)	
Yes High Water Table (A2)	No Aquatic Fauna (B13)	No Drainage Patterns (B10)	
Yes Saturation (A3)	No Marl Deposits (B15) (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 (B2)	Yes Oxidized Root Channels (C3)	No Crayfish Burrows (C8)	
No Drift Deposits (B3)	No Presence of Reduced 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 Aerial Imagery (B7)	No Other (Explain in Remarks)	Yes FAC-Neutral Test (D5)	
		No Sphagnum Moss (D8) (LRR T, U)	

Field Observations:

Surface Water Present?	Yes	Depth (inches):	0-2	Wetland Hydrology Present?
Water table Present?	Yes	Depth (inches):	10-16	
Saturation Present?	Yes	Depth (inches):	1-16	
Remarks:				

SOIL

Depth Inches	Matrix		Redox Features				Location	Texture
	Color	%	Color	%	Type			
0-5	10YR 4/2	90	10YR 4/6	10	C	M	silty clay loam	
5-16	10YR 6/1	75	10YR 5/8	15	C	M	silty clay loam	
			10YR 5/8	5	C	PL		
			N 6/0	5	D	M		

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

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

Restrictive Layer (if observed):

Type:	None	Hydric Soil Present?
Depth inches:	None	
Yes		

Remarks:

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site: Pecue Lane/ I-10 Interchange		Parish: East Baton Rouge		Sampling Date: 6/17/2015	
Applicant/Owner: City of Baton Rouge, Parish of East Baton Rouge		State: Louisiana		Sampling Point: 4	
Investigator(s): Chad Turner and Angela Singletary		Section, Township, Range:		Section 49, Township 8 South, Range 2 East	
Landform (hillslope, terrace, etc.): Flat		Local Relief (concave, convex, none): None		Slope: 0-1%	
Subregion (LRR or MLRA): LRR P		Lat: 30.369331°		Long: -91.050102°	
Soil Map Unit Name: Frost silt loam, 0 to 1 percent slopes, occasionally flooded		NWI Classification: PSS1Cd		Datum: NAD 83	
Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)					
Are Vegetation, Soil, or Hydrology significantly disturbed? No Are "Normal Circumstances" present? Yes					
Are Vegetation, Soil, or Hydrology naturally problematic? No (If needed, explain any answers in Remarks.)					

SUMMARY OF FINDINGS	
Hydrophytic Vegetation Present? No	Is the Sampled Area within a Wetland? No
Hydric Soil Present? No	
Wetland Hydrology Present? No	
Remarks:	

HYDROLOGY	
Wetland Hydrology Indicators	
Primary Indicators (Need 1):	Secondary Indicators (Need 2):
No Surface Water (A1)	No Surface Soil Cracked (B6)
No High Water Table (A2)	No Sparsely Veg. Concave Surface (B8)
No Saturation (A3)	No Drainage Patterns (B10)
No Water Marks (B1)	No Moss Trim Lines (B16)
No Sediment Deposits (B2)	No Dry-Season Water Table (C2)
No Drift Deposits (B3)	No Crayfish Burrows (C8)
No Algal Mat or Crust (B4)	No Saturation on Aerial Imagery (C9)
No Iron Deposits (B5)	No Geomorphic Position (D2)
No Inundation on Aerial Imagery (B7)	No Shallow Aquitard (D3)
No Water Stained Leaves (B9)	No FAC-Neutral Test (D5)
No Aquatic Fauna (B13)	No Sphagnum Moss (D8) (LRR T, U)
No Marl Deposits (B15) (LRR U)	
No Hydrogen Sulfide Odor (C1)	
No Oxidized Root Channels (C3)	
No Presence of Reduced Iron (C4)	
No Recent Reduct. in Tilled Soils (C6)	
No Thin Muck Surface (C7)	
No Other (Explain in Remarks)	

Field Observations:		Wetland Hydrology Present?	
Surface Water Present? No	Depth (inches): N/A	No	
Water table Present? No	Depth (inches): N/A		
Saturation Present? No	Depth (inches): N/A		
Remarks:			

SOIL							
Depth Inches	Matrix		Redox Features				Texture
	Color	%	Color	%	Type	Location	
0-5	10YR 3/2	100					silt loam
5-16	10YR 6/2	70	10YR 6/8	30	C	M	silt loam

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

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

Restrictive Layer (if observed):		Hydric Soil Present?	
Type: None		No	
Depth inches: None			

Remarks:

Soil profile appears to be consistent with Oprairie silt loam.

VEGETATION

SAMPLING POINT

Tree Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator	Status	Dominance Test Worksheet:	
None						Number of Dominant Species That are OBL, FACW, or FAC	(A): 0
						Total Number of Dominant Species Across All Strata	3
						Percent of Dominant Species That Are OBL, FACW, or FAC	(A/B): 0.00%
_____ 0 _____ = Total Cover 50/20 Threshold 50% of Total Cover = 0 20% of Total Cover = 0						Prevalence Index Worksheet: Total % Cover of: _____ Multiply _____ OBL x1= _____ FACW x2= _____ FAC x3= _____ FACU x4= _____ UPL x5= _____ A Totals B _____ Prevalence Index (B/A)= _____	
Sapling Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator	Status	Hydrophytic Vegetation Indicators: Rapid Test for Hydrophytic Veg: _____ No Dominance Test > 50%: _____ No Prevalence Index is ≤3.0: _____ N/A Problematic Hydrophytic Veg: _____ No	
None						Definitions of Vegetation Strata: Tree - Woody plants, excluding woody vines, approximately 20' or more in height and 3" or larger in DBH. Sapling - Woody plants, excluding woody vines, approximately 20' or more in height and less than 3" in DBH. Shrub - Woody plants, excluding woody vines, approximately 3-20' in height. Herb - All herbaceous plants, including herbaceous vines, regardless of size. Includes woody plants, except woody vines, less than approximately 3' in height. Woody vine - All woody vines, regardless of height.	
_____ 0 _____ = Total Cover 50/20 Threshold 50% of Total Cover = 0 20% of Total Cover = 0						Remarks:	
Shrub Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator	Status	_____ 90 _____ = Total Cover 50/20 Threshold 50% of Total Cover = 45 20% of Total Cover = 18	
None							
Herb Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator	Status	_____ 5 _____ = Total Cover 50/20 Threshold 50% of Total Cover = 2.5 20% of Total Cover = 1	
<i>Paspalum notatum</i>		40	Yes	FACU			
<i>Trifolium pratense</i>		20	Yes	FACU			
<i>Phyllanthus urinaria</i>		15	No	FAC			
<i>Rudbeckia hirta</i>		5	No	FACU			
<i>Diodia virginiana</i>		5	No	FAC			
<i>Setaria pumila</i>		5	No	FAC			
Woody Vine Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator	Status	Hydrophytic Vegetation Present? _____ No _____	
<i>Parthenocissus quinquefolia</i>		5	Yes	FACU			

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site:	Pecue Lane/ I-10 Interchange	Parish: East Baton Rouge	Sampling Date:	6/17/2015
Applicant/Owner:	City of Baton Rouge, Parish of East Baton Rouge	State: Louisiana	Sampling Point:	5
Investigator(s):	Chad Turner and Angela Singletary	Section, Township, Range:	Section 49, Township 8 South, Range 2 East	
Landform (hillslope, terrace, etc.):	Flat	Local Relief (concave, convex, none):	None	
Subregion (LRR or MLRA):	LRR P	Lat: 30.369521°	Long: -91.049768°	Datum: NAD 83
Soil Map Unit Name:	Frost silt loam, 0 to 1 percent slopes, occasionally flooded		NWI Classification: PSS1Cd	
Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)				
Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? No Are "Normal Circumstances" present? Yes				
Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? No (If needed, explain any answers in Remarks.)				

SUMMARY OF FINDINGS			
Hydrophytic Vegetation Present?	Yes	Is the Sampled Area within a Wetland?	Yes
Hydric Soil Present?	Yes		
Wetland Hydrology Present?	Yes		
Remarks:			

HYDROLOGY			
Wetland Hydrology Indicators		Secondary Indicators (Need 2):	
Primary Indicators (Need 1):			
Yes	Surface Water (A1)	No	Water Stained Leaves (B9)
Yes	High Water Table (A2)	No	Aquatic Fauna (B13)
Yes	Saturation (A3)	No	Marl Deposits (B15) (LRR U)
No	Water Marks (B1)	No	Hydrogen Sulfide Odor (C1)
No	Sediment Deposits (B2)	Yes	Oxidized Root Channels (C3)
No	Drift Deposits (B3)	No	Presence of Reduced Iron (C4)
No	Algal Mat or Crust (B4)	No	Recent Reduct. in Tilled Soils (C6)
No	Iron Deposits (B5)	No	Thin Muck Surface (C7)
No	Inundation on Aerial Imagery (B7)	No	Other (Explain in Remarks)
			Surface Soil Cracked (B6)
			Sparsely Veg. Concave Surface (B8)
			Drainage Patterns (B10)
			Moss Trim Lines (B16)
			Dry-Season Water Table (C2)
			Crayfish Burrows (C8)
			Saturation on Aerial Imagery (C9)
			Geomorphic Position (D2)
			Shallow Aquitard (D3)
			FAC-Neutral Test (D5)
			Sphagnum Moss (D8) (LRR T, U)

Field Observations:				Wetland Hydrology Present?
Surface Water Present?	Yes	Depth (inches):	0-1	
Water table Present?	Yes	Depth (inches):	8-16	
Saturation Present?	Yes	Depth (inches):	1-16	
Remarks:				

SOIL							
Depth Inches	Matrix		Redox Features			Location	Texture
	Color	%	Color	%	Type		
0-16	10YR 5/1	85	10YR 5/8	15	C	PL	clay

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

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

Restrictive Layer (if observed):		Hydric Soil Present?
Type:	None	
Depth inches:	None	Yes

Remarks:

VEGETATION

SAMPLING POINT

Tree Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator	Status
None					
<p>_____ 0 _____ = Total Cover 50/20 Threshold 50% of Total Cover = 0 20% of Total Cover = 0</p>					
<p>Dominance Test Worksheet: Number of Dominant Species That are OBL, FACW, or FAC (A): <u>1</u> Total Number of Dominant Species Across All Strata <u>1</u> Percent of Dominant Species That Are OBL, FACW, or FAC (A/B): <u>100.00%</u></p>					
Sapling Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator	Status
None					
<p>_____ 0 _____ = Total Cover 50/20 Threshold 50% of Total Cover = 0 20% of Total Cover = 0</p>					
<p>Prevalence Index Worksheet: Total % Cover of: _____ Multiply OBL x1= _____ FACW x2= _____ FACU x3= _____ UPL x4= _____ x5= _____ A Totals B Prevalence Index (B/A)= _____</p>					
<p>Hydrophytic Vegetation Indicators: Rapid Test for Hydrophytic Veg: <u>No</u> Dominance Test > 50%: <u>Yes</u> Prevalence Index is ≤3.0: <u>N/A</u> Problematic Hydrophytic Veg: <u>No</u></p>					
<p>Definitions of Vegetation Strata: Tree - Woody plants, excluding woody vines, approximately 20' or more in height and 3" or larger in DBH. Sapling - Woody plants, excluding woody vines, approximately 20' or more in height and less than 3" in DBH. Shrub - Woody plants, excluding woody vines, approximately 3-20' in height. Herb - All herbaceous plants, including herbaceous vines, regardless of size. Includes woody plants, except woody vines, less than approximately 3' in height. Woody vine - All woody vines, regardless of height.</p>					
Shrub Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator	Status
None					
<p>_____ 0 _____ = Total Cover 50/20 Threshold 50% of Total Cover = 0 20% of Total Cover = 0</p>					
Herb Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator	Status
<i>Alternanthera philoxeroides</i>		25	Yes	OBL	
<i>Juncus debilis</i>		15	No	OBL	
<i>Echinochloa colona</i>		10	No	FACW	
<i>Eleocharis baldwinii</i>		10	No	OBL	
<i>Panicum hydroperoides</i>		5	No	OBL	
<i>Paspalum urvillei</i>		5	No	FACW	
<i>Paspalum notatum</i>		5	No	FACU	
<i>Diodia virginiana</i>		2	No	FAC	
<p>_____ 77 _____ = Total Cover 50/20 Threshold 50% of Total Cover = 38.5 20% of Total Cover = 15.4</p>					
<p>Remarks:</p>					
Woody Vine Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator	Status
None					
<p>_____ 0 _____ = Total Cover 50/20 Threshold 50% of Total Cover = 0 20% of Total Cover = 0</p>					
<p>Hydrophytic Vegetation Present? <u>Yes</u></p>					

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site:	Pecue Lane/ I-10 Interchange	Parish: East Baton Rouge	Sampling Date:	6/17/2015
Applicant/Owner:	City of Baton Rouge, Parish of East Baton Rouge	State: Louisiana	Sampling Point:	6
Investigator(s):	Chad Turner and Angela Singletary	Section, Township, Range:	Section 49, Township 8 South, Range 2 East	
Landform (hillslope, terrace, etc.):	Flat	Local Relief (concave, convex, none):	None	Slope: 0-1%
Subregion (LRR or MLRA):	LRR P	Lat: 30.367874°	Long: -91.047999°	Datum: NAD 83
Soil Map Unit Name:	Frost silt loam, 0 to 1 percent slopes, occasionally flooded		NWI Classification: None	
Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)				
Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? No Are "Normal Circumstances" present? Yes				
Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? No (If needed, explain any answers in Remarks.)				

SUMMARY OF FINDINGS

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

HYDROLOGY

Wetland Hydrology Indicators		Secondary Indicators (Need 2):	
Primary Indicators (Need 1):		No Surface Soil Cracked (B6)	
No Surface Water (A1)	No Water Stained Leaves (B9)	No Sparsely Veg. Concave Surface (B8)	
No High Water Table (A2)	No Aquatic Fauna (B13)	No Drainage Patterns (B10)	
No Saturation (A3)	No Marl Deposits (B15) (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 (B2)	No Oxidized Root Channels (C3)	No Crayfish Burrows (C8)	
No Drift Deposits (B3)	No Presence of Reduced 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 Aerial Imagery (B7)	No Other (Explain in Remarks)	No FAC-Neutral Test (D5)	
		No Sphagnum Moss (D8) (LRR T, U)	

Field Observations:

Surface Water Present?	No	Depth (inches):	N/A	Wetland Hydrology Present?
Water table Present?	No	Depth (inches):	N/A	
Saturation Present?	No	Depth (inches):	N/A	
No				
Remarks:				

SOIL

Depth Inches	Matrix		Redox Features			Location	Texture
	Color	%	Color	%	Type		
0-4	10YR 3/2	100					silt loam
4-16	10YR 6/2	90	10YR 6/8	10	C	M	silt loam

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

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

Restrictive Layer (if observed):

Type:	None	Hydric Soil Present?
Depth inches:	None	
No		

Remarks:

Soil profile appears to be consistent with Oprairie silt loam.

VEGETATION

SAMPLING POINT

Tree Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status	
<i>Celtis laevigata</i>		20	Yes	FACW	Dominance Test Worksheet: Number of Dominant Species That are OBL, FACW, or FAC (A): <u>6</u> Total Number of Dominant Species Across All Strata <u>7</u> Percent of Dominant Species That Are OBL, FACW, or FAC (A/B): <u>85.71%</u>
<i>Ulmus americana</i>		15	Yes	FAC	
<i>Liquidambar styraciflua</i>		10	No	FAC	
<i>Quercus nigra</i>		5	No	FAC	
<i>Platanus occidentalis</i>		5	No	FACW	
<u>55</u> = Total Cover 50/20 Threshold 50% of Total Cover = 27.5 20% of Total Cover = 11					Prevalence Index Worksheet: Total % Cover of: <u> </u> Multiply OBL x1= <u> </u> FACW x2= <u> </u> FAC x3= <u> </u> FACU x4= <u> </u> UPL x5= <u> </u> A Totals B <u> </u> Prevalence Index (B/A)= <u> </u>
Sapling Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status	
None					
<u>0</u> = Total Cover 50/20 Threshold 50% of Total Cover = 0 20% of Total Cover = 0					Hydrophytic Vegetation Indicators: Rapid Test for Hydrophytic Veg: <u> </u> No Dominance Test > 50%: <u> </u> Yes Prevalence Index is ≤3.0: <u> </u> N/A Problematic Hydrophytic Veg: <u> </u> No
Shrub Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status	
<i>Ligustrum sinense</i>		40	Yes	FAC	
<i>Rubus trivialis</i>		5	No	FACU	
<u>45</u> = Total Cover 50/20 Threshold 50% of Total Cover = 22.5 20% of Total Cover = 9					Definitions of Vegetation Strata: Tree - Woody plants, excluding woody vines, approximately 20' or more in height and 3" or larger in DBH. Sapling - Woody plants, excluding woody vines, approximately 20' or more in height and less than 3" in DBH. Shrub - Woody plants, excluding woody vines, approximately 3-20' in height. Herb - All herbaceous plants, including herbaceous vines, regardless of size. Includes woody plants, except woody vines, less than approximately 3' in height. Woody vine - All woody vines, regardless of height.
Herb Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status	
<i>Iva annua</i>		30	Yes	FAC	
<i>Fragaria virginiana</i>		10	Yes	FACU	
<u>40</u> = Total Cover 50/20 Threshold 50% of Total Cover = 20 20% of Total Cover = 8					Remarks:
Woody Vine Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status	
<i>Toxicodendron radicans</i>		20	Yes	FAC	
<i>Vitis rotundifolia</i>		10	Yes	FAC	
<i>Parthenocissus quinquefolia</i>		5	No	FACU	
<u>35</u> = Total Cover 50/20 Threshold 50% of Total Cover = 17.5 20% of Total Cover = 7					Hydrophytic Vegetation Present? <u> </u> Yes

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site:	Pecue Lane/ I-10 Interchange	Parish: East Baton Rouge	Sampling Date:	6/17/2015
Applicant/Owner:	City of Baton Rouge, Parish of East Baton Rouge	State: Louisiana	Sampling Point:	7
Investigator(s):	Chad Turner and Angela Singletary	Section, Township, Range:	Section 49, Township 8 South, Range 2 East	
Landform (hillslope, terrace, etc.):	Flat	Local Relief (concave, convex, none):	None	Slope: 0-1%
Subregion (LRR or MLRA):	LRR P	Lat: 30.365184°	Long: -91.048622°	Datum: NAD 83
Soil Map Unit Name:	Udarents	NWI Classification: PSS1Cd		

Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? No Are "Normal Circumstances" present? Yes

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? No (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS

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

HYDROLOGY

Wetland Hydrology Indicators		Secondary Indicators (Need 2):	
Primary Indicators (Need 1):		No Surface Soil Cracked (B6)	
No Surface Water (A1)	No Water Stained Leaves (B9)	No Sparsely Veg. Concave Surface (B8)	
No High Water Table (A2)	No Aquatic Fauna (B13)	No Drainage Patterns (B10)	
No Saturation (A3)	No Marl Deposits (B15) (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 (B2)	No Oxidized Root Channels (C3)	No Crayfish Burrows (C8)	
No Drift Deposits (B3)	No Presence of Reduced 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 Aerial Imagery (B7)	No Other (Explain in Remarks)	Yes FAC-Neutral Test (D5)	
		No Sphagnum Moss (D8) (LRR T, U)	

Field Observations:

Surface Water Present?	No	Depth (inches):	N/A	Wetland Hydrology Present?
Water table Present?	No	Depth (inches):	N/A	
Saturation Present?	No	Depth (inches):	N/A	
Remarks:				

SOIL

Depth Inches	Matrix		Redox Features			Location	Texture
	Color	%	Color	%	Type		
0-16	10YR 4/2	83	10YR 6/1	10	D	M	silt loam
			10YR 3/2	5	C	M	
			10YR 5/8	2	C	M	

Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains

Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

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

Restrictive Layer (if observed):

Type:	None	Hydric Soil Present?
Depth inches:	None	
No		

Remarks:

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site: Pecue Lane/ I-10 Interchange		Parish: East Baton Rouge		Sampling Date: 6/17/2015	
Applicant/Owner: City of Baton Rouge, Parish of East Baton Rouge		State: Louisiana		Sampling Point: 8	
Investigator(s): Chad Turner and Angela Singletary		Section, Township, Range:		Section 49, Township 8 South, Range 2 East	
Landform (hillslope, terrace, etc.): Flat		Local Relief (concave, convex, none): Concave		Slope: 0-1%	
Subregion (LRR or MLRA): LRR P		Lat: 30.364398°		Long: -91.048826°	
Soil Map Unit Name: Frost silt loam, 0 to 1 percent slopes, occasionally flooded		NW1 Classification: PSS1Cd			

Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)

Are Vegetation, Soil, or Hydrology significantly disturbed? No Are "Normal Circumstances" present? Yes

Are Vegetation, Soil, or Hydrology naturally problematic? No (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS

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

Remarks:

HYDROLOGY

Wetland Hydrology Indicators		Secondary Indicators (Need 2):	
Primary Indicators (Need 1):		No Surface Soil Cracked (B6)	
No Surface Water (A1)	No Water Stained Leaves (B9)	No Sparsely Veg. Concave Surface (B8)	
No High Water Table (A2)	No Aquatic Fauna (B13)	No Drainage Patterns (B10)	
Yes Saturation (A3)	No Marl Deposits (B15) (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 (B2)	Yes Oxidized Root Channels (C3)	No Crayfish Burrows (C8)	
No Drift Deposits (B3)	No Presence of Reduced 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 Aerial Imagery (B7)	No Other (Explain in Remarks)	Yes FAC-Neutral Test (D5)	
		No Sphagnum Moss (D8) (LRR T, U)	

Field Observations:

Surface Water Present?	No	Depth (inches):	N/A	Wetland Hydrology Present?
Water table Present?	No	Depth (inches):	N/A	
Saturation Present?	Yes	Depth (inches):	1-16	

Remarks:

SOIL

Depth Inches	Matrix		Redox Features			Location	Texture
	Color	%	Color	%	Type		
0-8	10YR 2/1	99	10YR 6/1	99	D	M	silty clay loam
8-16	N 4/	35	N 6/	30	D	M	silty clay loam
			N 5/	20	D	M	
			10YR 5/8	10	C	M	
			10YR 5/8	5	C	PL	

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

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

Restrictive Layer (if observed):

Type:	None	Hydric Soil Present?
Depth inches:	None	

Remarks:

VEGETATION

SAMPLING POINT

Tree Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status	Dominance Test Worksheet:
None					Number of Dominant Species That are OBL, FACW, or FAC (A): <u>2</u>
					Total Number of Dominant Species Across All Strata <u>3</u>
					Percent of Dominant Species That Are OBL, FACW, or FAC (A/B): <u>66.67%</u>
<u>0</u> = Total Cover 50/20 Threshold 50% of Total Cover = 0 20% of Total Cover = 0					Prevalence Index Worksheet: Total % Cover of: _____ Multiply _____ OBL x1= _____ FACW x2= _____ FAC x3= _____ FACU x4= _____ UPL x5= _____ A Totals B _____ Prevalence Index (B/A)= _____
Sapling Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status	Hydrophytic Vegetation Indicators:
None					Rapid Test for Hydrophytic Veg: <u>No</u>
					Dominance Test > 50%: <u>Yes</u>
					Prevalence Index is ≤3.0: <u>N/A</u>
					Problematic Hydrophytic Veg: <u>No</u>
<u>0</u> = Total Cover 50/20 Threshold 50% of Total Cover = 0 20% of Total Cover = 0					Definitions of Vegetation Strata: Tree - Woody plants, excluding woody vines, approximately 20' or more in height and 3" or larger in DBH. Sapling - Woody plants, excluding woody vines, approximately 20' or more in height and less than 3" in DBH. Shrub - Woody plants, excluding woody vines, approximately 3-20' in height. Herb - All herbaceous plants, including herbaceous vines, regardless of size. Includes woody plants, except woody vines, less than approximately 3' in height. Woody vine - All woody vines, regardless of height.
Shrub Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status	Remarks:
<i>Rubus trivialis</i>		5	Yes	FACU	
<i>Acer negundo</i>		5	Yes	FAC	
<i>Baccharis halimifolia</i>		2	No	FAC	
<u>12</u> = Total Cover 50/20 Threshold 50% of Total Cover = 6 20% of Total Cover = 2.4					
Herb Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status	Remarks:
<i>Typha angustifolia</i>		30	Yes	OBL	
<i>Verbena incompta</i>		15	No	FACW	
<i>Iva annua</i>		15	No	FAC	
<i>Rumex crispus</i>		10	No	FAC	
<i>Juncus effusus</i>		5	No	OBL	
<i>Lythrum alatum</i>		5	No	OBL	
<i>Eupatorium perfoliatum</i>		5	No	FACW	
<u>85</u> = Total Cover 50/20 Threshold 50% of Total Cover = 42.5 20% of Total Cover = 17					
Woody Vine Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator Status	Hydrophytic Vegetation Present?
None					<u>Yes</u>
<u>0</u> = Total Cover 50/20 Threshold 50% of Total Cover = 0 20% of Total Cover = 0					

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site: Pecue Lane/ I-10 Interchange		Parish: East Baton Rouge		Sampling Date: 6/17/2015	
Applicant/Owner: City of Baton Rouge, Parish of East Baton Rouge		State: Louisiana		Sampling Point: 9	
Investigator(s): Chad Turner and Angela Singletary		Section, Township, Range:		Section 49, Township 8 South, Range 2 East	
Landform (hillslope, terrace, etc.): Flat		Local Relief (concave, convex, none): None		Slope: 0-1%	
Subregion (LRR or MLRA): LRR P		Lat: 30.365443°		Long: -91.046989°	
Soil Map Unit Name: Frost silt loam, 0 to 1 percent slopes, occasionally flooded		Datum: NAD 83		NWI Classification: PFO1Ad	
Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)					
Are Vegetation, Soil, or Hydrology significantly disturbed? No Are "Normal Circumstances" present? Yes					
Are Vegetation, Soil, or Hydrology naturally problematic? No (If needed, explain any answers in Remarks.)					

SUMMARY OF FINDINGS	
Hydrophytic Vegetation Present? Yes	Is the Sampled Area within a Wetland? Yes
Hydric Soil Present? Yes	
Wetland Hydrology Present? Yes	
Remarks:	

HYDROLOGY		
Wetland Hydrology Indicators		Secondary Indicators (Need 2):
Primary Indicators (Need 1):		No Surface Soil Cracked (B6)
No Surface Water (A1)	Yes Water Stained Leaves (B9)	No Sparsely Veg. Concave Surface (B8)
No High Water Table (A2)	No Aquatic Fauna (B13)	No Drainage Patterns (B10)
Yes Saturation (A3)	No Marl Deposits (B15) (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 (B2)	Yes Oxidized Root Channels (C3)	No Crayfish Burrows (C8)
No Drift Deposits (B3)	No Presence of Reduced 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 Aerial Imagery (B7)	No Other (Explain in Remarks)	Yes FAC-Neutral Test (D5)
		No Sphagnum Moss (D8) (LRR T, U)

Field Observations:			Wetland Hydrology Present? Yes
Surface Water Present? No	Depth (inches): N/A		
Water table Present? No	Depth (inches): N/A		
Saturation Present? Yes	Depth (inches): 1-16		
Remarks:			

SOIL							
Depth Inches	Matrix		Redox Features				Texture
	Color	%	Color	%	Type	Location	
0-16	10YR 5/1	80	10YR 4/6	10	C	M	silt loam
			10YR 5/8	10	C	M	

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

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

Restrictive Layer (if observed):		Hydric Soil Present? Yes
Type: None		
Depth inches: None		

Remarks:

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site:	Pecue Lane/I-10 Interchange	Parish: East Baton Rouge	Sampling Date:	6/17/2015
Applicant/Owner:	City of Baton Rouge, Parish of East Baton Rouge	State: Louisiana	Sampling Point:	10
Investigator(s):	Chad Turner and Angela Singletary	Section, Township, Range:	Section 49, Township 8 South, Range 2 East	
Landform (hillslope, terrace, etc.):	Flat	Local Relief (concave, convex, none):	None	
Subregion (LRR or MLRA):	LRR P	Lat: 30.364974°	Long: -91.046431°	Datum: NAD 83
Soil Map Unit Name:	Frost silt loam, 0 to 1 percent slopes, occasionally flooded		NWI Classification: PFO1Ad	
Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)				
Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? No Are "Normal Circumstances" present? Yes				
Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? No (If needed, explain any answers in Remarks.)				

SUMMARY OF FINDINGS	
Hydrophytic Vegetation Present?	Yes
Hydric Soil Present?	No
Wetland Hydrology Present?	No
Remarks:	
Is the Sampled Area within a Wetland? No	

HYDROLOGY	
Wetland Hydrology Indicators	Secondary Indicators (Need 2):
Primary Indicators (Need 1):	No Surface Soil Cracked (B6)
No Surface Water (A1)	No Sparsely Veg. Concave Surface (B8)
No High Water Table (A2)	No Drainage Patterns (B10)
No Saturation (A3)	No Moss Trim Lines (B16)
No Water Marks (B1)	No Dry-Season Water Table (C2)
No Sediment Deposits (B2)	No Crayfish Burrows (C8)
No Drift Deposits (B3)	No Saturation on Aerial Imagery (C9)
No Algal Mat or Crust (B4)	No Geomorphic Position (D2)
No Iron Deposits (B5)	No Shallow Aquitard (D3)
No Inundation on Aerial Imagery (B7)	No FAC-Neutral Test (D5)
No Water Stained Leaves (B9)	No Sphagnum Moss (D8) (LRR T, U)
No Aquatic Fauna (B13)	
No Marl Deposits (B15) (LRR U)	
No Hydrogen Sulfide Odor (C1)	
No Oxidized Root Channels (C3)	
No Presence of Reduced Iron (C4)	
No Recent Reduct. in Tilled Soils (C6)	
No Thin Muck Surface (C7)	
No Other (Explain in Remarks)	

Field Observations:		Wetland Hydrology Present?
Surface Water Present?	No	No
Water table Present?	No	
Saturation Present?	No	
Depth (inches):	N/A	
Depth (inches):	N/A	
Depth (inches):	N/A	
Remarks:		

SOIL							
Depth Inches	Matrix		Redox Features			Location	Texture
	Color	%	Color	%	Type		
0-4	10YR 3/3	100					silt loam
4-16	10YR 6/2	85	10YR 6/8	15	C	M	silt loam

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

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

Restrictive Layer (if observed):	Hydric Soil Present?
Type: None	No
Depth inches: None	

Remarks:

Soil profile appears to be consistent with Oprairie silt loam.

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site:	Pecue Lane/I-10 Interchange		Parish:	East Baton Rouge	Sampling Date:	6/17/2015	
Applicant/Owner:	City of Baton Rouge, Parish of East Baton Rouge		State:	Louisiana	Sampling Point:	11	
Investigator(s):	Chad Turner and Angela Singletary		Section, Township, Range:	Section 49, Township 8 South, Range 2 East			
Landform (hillslope, terrace, etc.):	Flat		Local Relief (concave, convex, none):	None		Slope: 0-1%	
Subregion (LRR or MLRA):	LRR P	Lat: 30.365221°	Long: -91.045825°	Datum: NAD 83			
Soil Map Unit Name:	Frost silt loam, 0 to 1 percent slopes, occasionally flooded			NWI Classification: PFO1Ad			
Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)							
Are Vegetation, Soil, or Hydrology significantly disturbed? No Are "Normal Circumstances" present? Yes							
Are Vegetation, Soil, or Hydrology naturally problematic? No (If needed, explain any answers in Remarks.)							

SUMMARY OF FINDINGS	
Hydrophytic Vegetation Present?	Yes
Hydric Soil Present?	Yes
Wetland Hydrology Present?	Yes
Remarks:	
Is the Sampled Area within a Wetland? Yes	

HYDROLOGY	
Wetland Hydrology Indicators	
Primary Indicators (Need 1):	Secondary Indicators (Need 2):
Yes Surface Water (A1)	No Surface Soil Cracked (B6)
No High Water Table (A2)	No Sparsely Veg. Concave Surface (B8)
Yes Saturation (A3)	No Drainage Patterns (B10)
No Water Marks (B1)	No Moss Trim Lines (B16)
No Sediment Deposits (B2)	No Dry-Season Water Table (C2)
No Drift Deposits (B3)	No Crayfish Burrows (C8)
No Algal Mat or Crust (B4)	No Saturation on Aerial Imagery (C9)
No Iron Deposits (B5)	No Geomorphic Position (D2)
No Inundation on Aerial Imagery (B7)	No Shallow Aquitard (D3)
	Yes FAC-Neutral Test (D5)
	No Sphagnum Moss (D8) (LRR T, U)

Field Observations:				
Surface Water Present?	Yes	Depth (inches):	0-4	Wetland Hydrology Present? <u>Yes</u>
Water table Present?	No	Depth (inches):	N/A	
Saturation Present?	Yes	Depth (inches):	1-16	
Remarks:				

SOIL							
Depth Inches	Matrix		Redox Features			Location	Texture
	Color	%	Color	%	Type		
0-16	10YR 5/1	70	10YR 5/8	15	C	M	silty clay loam
			10YR 5/8	10	C	PL	
			10YR 4/6	5	C	M	

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

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

Restrictive Layer (if observed):		Hydric Soil Present? <u>Yes</u>
Type:	None	
Depth inches:	None	

Remarks:

VEGETATION

SAMPLING POINT

Tree Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator	Status	Dominance Test Worksheet:	
None						Number of Dominant Species That are OBL, FACW, or FAC	(A): 3
						Total Number of Dominant Species Across All Strata	3
						Percent of Dominant Species That Are OBL, FACW, or FAC	(A/B): 100.00%
_____ 0 _____ = Total Cover 50/20 Threshold 50% of Total Cover = 0 20% of Total Cover = 0						Prevalence Index Worksheet: Total % Cover of: _____ Multiply _____ OBL x1= _____ FACW x2= _____ FAC x3= _____ FACU x4= _____ UPL x5= _____ A Totals B _____ Prevalence Index (B/A)= _____	
Sapling Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator	Status	Hydrophytic Vegetation Indicators: Rapid Test for Hydrophytic Veg: _____ No Dominance Test > 50%: _____ Yes Prevalence Index is ≤3.0: _____ N/A Problematic Hydrophytic Veg: _____ No	
None						Definitions of Vegetation Strata: Tree - Woody plants, excluding woody vines, approximately 20' or more in height and 3" or larger in DBH. Sapling - Woody plants, excluding woody vines, approximately 20' or more in height and less than 3" in DBH. Shrub - Woody plants, excluding woody vines, approximately 3-20' in height. Herb - All herbaceous plants, including herbaceous vines, regardless of size. Includes woody plants, except woody vines, less than approximately 3' in height. Woody vine - All woody vines, regardless of height.	
_____ 0 _____ = Total Cover 50/20 Threshold 50% of Total Cover = 0 20% of Total Cover = 0							
Shrub Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator	Status	Remarks:	
<i>Salix nigra</i>		15	Yes		OBL		
_____ 15 _____ = Total Cover 50/20 Threshold 50% of Total Cover = 7.5 20% of Total Cover = 3							
Herb Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator	Status	Remarks:	
<i>Cyperus entriarianus</i>		25	Yes		FACW		
<i>Saururus cernuus</i>		20	Yes		OBL		
<i>Juncus effusus</i>		15	No		OBL		
<i>Rhynchospora elliotii</i>		10	No		FACW		
<i>Persicaria hydropiperoides</i>		5	No		OBL		
<i>Eleocharis obtusa</i>		5	No		OBL		
<i>Alternanthera philoxeroides</i>		5	No		OBL		
<i>Rhynchospora inundata</i>		2	No		OBL		
_____ 87 _____ = Total Cover 50/20 Threshold 50% of Total Cover = 43.5 20% of Total Cover = 17.4							
Woody Vine Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator	Status	Remarks:	
None							
_____ 0 _____ = Total Cover 50/20 Threshold 50% of Total Cover = 0 20% of Total Cover = 0						Hydrophytic Vegetation Present? _____ Yes _____	

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site:	Pecue Lane/I-10 Interchange		Parish:	East Baton Rouge	Sampling Date:	6/17/2015	
Applicant/Owner:	City of Baton Rouge, Parish of East Baton Rouge		State:	Louisiana	Sampling Point:	12	
Investigator(s):	Chad Turner and Angela Singletary		Section, Township, Range:	Section 49, Township 8 South, Range 2 East			
Landform (hillslope, terrace, etc.):	Flat		Local Relief (concave, convex, none):	None		Slope: 0-1%	
Subregion (LRR or MLRA):	LRR P	Lat: 30.364800°	Long: -91.045427°	Datum: NAD 83			
Soil Map Unit Name:	Frost silt loam, 0 to 1 percent slopes, occasionally flooded			NWI Classification: PFO1Ad			
Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)							
Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? No Are "Normal Circumstances" present? Yes							
Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? No (If needed, explain any answers in Remarks.)							

SUMMARY OF FINDINGS	
Hydrophytic Vegetation Present?	Yes
Hydric Soil Present?	No
Wetland Hydrology Present?	No
Remarks:	
Is the Sampled Area within a Wetland? No	

HYDROLOGY	
Wetland Hydrology Indicators	Secondary Indicators (Need 2):
Primary Indicators (Need 1):	No Surface Soil Cracked (B6)
No Surface Water (A1)	No Sparsely Veg. Concave Surface (B8)
No High Water Table (A2)	No Drainage Patterns (B10)
No Saturation (A3)	No Moss Trim Lines (B16)
No Water Marks (B1)	No Dry-Season Water Table (C2)
No Sediment Deposits (B2)	No Crayfish Burrows (C8)
No Drift Deposits (B3)	No Saturation on Aerial Imagery (C9)
No Algal Mat or Crust (B4)	No Geomorphic Position (D2)
No Iron Deposits (B5)	No Shallow Aquitard (D3)
No Inundation on Aerial Imagery (B7)	No Other (Explain in Remarks)
	Yes FAC-Neutral Test (D5)
	No Sphagnum Moss (D8) (LRR T, U)

Field Observations:				
Surface Water Present?	No	Depth (inches):	N/A	Wetland Hydrology Present? <u>No</u>
Water table Present?	No	Depth (inches):	N/A	
Saturation Present?	No	Depth (inches):	N/A	
Remarks:				

SOIL							
Depth Inches	Matrix		Redox Features				Texture
	Color	%	Color	%	Type	Location	
0-6	10YR 3/2	100					silt loam
6-16	10YR 6/2	90	10YR 5/8	10	C	M	silt loam

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

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

Restrictive Layer (if observed):	Hydric Soil Present?
Type: None	<u>No</u>
Depth inches: None	

Remarks:

Soil profile appears to be consistent with Oprairie silt loam.

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site: Pecue Lane/I-10 Interchange		Parish: East Baton Rouge		Sampling Date: 6/17/2015	
Applicant/Owner: City of Baton Rouge, Parish of East Baton Rouge		State: Louisiana		Sampling Point: 13	
Investigator(s): Chad Turner and Angela Singletary		Section, Township, Range:		Section 49, Township 8 South, Range 2 East	
Landform (hillslope, terrace, etc.): Flat		Local Relief (concave, convex, none): None		Slope: 0-1%	
Subregion (LRR or MLRA): LRR P		Lat: 30.364284°		Long: -91.044748°	
Soil Map Unit Name: Frost silt loam, 0 to 1 percent slopes, occasionally flooded		Datum: NAD 83		NWI Classification: PFO1Ad	
Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)					
Are Vegetation, Soil, or Hydrology significantly disturbed? No Are "Normal Circumstances" present? Yes					
Are Vegetation, Soil, or Hydrology naturally problematic? No (If needed, explain any answers in Remarks.)					

SUMMARY OF FINDINGS	
Hydrophytic Vegetation Present? Yes	Is the Sampled Area within a Wetland? Yes
Hydric Soil Present? Yes	
Wetland Hydrology Present? Yes	
Remarks:	

HYDROLOGY		
Wetland Hydrology Indicators		Secondary Indicators (Need 2):
Primary Indicators (Need 1):		No Surface Soil Cracked (B6)
No Surface Water (A1)	Yes Water Stained Leaves (B9)	No Sparsely Veg. Concave Surface (B8)
No High Water Table (A2)	No Aquatic Fauna (B13)	No Drainage Patterns (B10)
Yes Saturation (A3)	No Marl Deposits (B15) (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 (B2)	Yes Oxidized Root Channels (C3)	No Crayfish Burrows (C8)
No Drift Deposits (B3)	No Presence of Reduced 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 Aerial Imagery (B7)	No Other (Explain in Remarks)	Yes FAC-Neutral Test (D5)
		No Sphagnum Moss (D8) (LRR T, U)

Field Observations:			Wetland Hydrology Present? Yes
Surface Water Present? No	Depth (inches): N/A		
Water table Present? No	Depth (inches): N/A		
Saturation Present? Yes	Depth (inches): 1-16		
Remarks:			

SOIL							
Depth Inches	Matrix		Redox Features			Location	Texture
	Color	%	Color	%	Type		
0-16	10YR 5/1	88	10YR 6/8	10	C	M	silty clay loam
			10YR 6/8	2	C	PL	

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

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

Restrictive Layer (if observed):		Hydric Soil Present? Yes
Type: None		
Depth inches: None		

Remarks:

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site:	Pecue Lane/I-10 Interchange	Parish: East Baton Rouge	Sampling Date:	6/17/2015
Applicant/Owner:	City of Baton Rouge, Parish of East Baton Rouge	State: Louisiana	Sampling Point:	14
Investigator(s):	Chad Turner and Angela Singletary	Section, Township, Range:	Section 49, Township 8 South, Range 2 East	
Landform (hillslope, terrace, etc.):	Flat	Local Relief (concave, convex, none):	None	
Subregion (LRR or MLRA):	LRR P	Lat: 30.373113°	Long: -91.043143°	Datum: NAD 83
Soil Map Unit Name:	Oprairie silt, 0 to 1 percent slopes	NWI Classification: None		

Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? No Are "Normal Circumstances" present? Yes

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? No (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS

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

Remarks:

HYDROLOGY

Wetland Hydrology Indicators		Secondary Indicators (Need 2):	
Primary Indicators (Need 1):		No Surface Soil Cracked (B6)	
<input type="checkbox"/> No Surface Water (A1)	<input type="checkbox"/> No Water Stained Leaves (B9)	<input type="checkbox"/> No Sparsely Veg. Concave Surface (B8)	
<input type="checkbox"/> No High Water Table (A2)	<input type="checkbox"/> No Aquatic Fauna (B13)	<input type="checkbox"/> No Drainage Patterns (B10)	
<input checked="" type="checkbox"/> Yes Saturation (A3)	<input type="checkbox"/> No Marl Deposits (B15) (LRR U)	<input type="checkbox"/> No Moss Trim Lines (B16)	
<input type="checkbox"/> No Water Marks (B1)	<input type="checkbox"/> No Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> No Dry-Season Water Table (C2)	
<input type="checkbox"/> No Sediment Deposits (B2)	<input type="checkbox"/> Yes Oxidized Root Channels (C3)	<input type="checkbox"/> No Crayfish Burrows (C8)	
<input type="checkbox"/> No Drift Deposits (B3)	<input type="checkbox"/> No Presence of Reduced Iron (C4)	<input type="checkbox"/> No Saturation on Aerial Imagery (C9)	
<input type="checkbox"/> No Algal Mat or Crust (B4)	<input type="checkbox"/> No Recent Reduct. in Tilled Soils (C6)	<input type="checkbox"/> No Geomorphic Position (D2)	
<input type="checkbox"/> No Iron Deposits (B5)	<input type="checkbox"/> No Thin Muck Surface (C7)	<input type="checkbox"/> No Shallow Aquitard (D3)	
<input type="checkbox"/> No Inundation on Aerial Imagery (B7)	<input type="checkbox"/> No Other (Explain in Remarks)	<input type="checkbox"/> Yes FAC-Neutral Test (D5)	
		<input type="checkbox"/> No Sphagnum Moss (D8) (LRR T, U)	

Field Observations:

Surface Water Present?	No	Depth (inches):	N/A	Wetland Hydrology Present?
Water table Present?	No	Depth (inches):	N/A	
Saturation Present?	Yes	Depth (inches):	1-3	

Remarks:

SOIL

Depth Inches	Matrix		Redox Features				Texture
	Color	%	Color	%	Type	Location	
0-1	10YR 3/3	100					silt loam
1-16	10YR 5/1	58	10YR 5/8	20	C	M	silt loam
			10YR 5/8	5	C	PL	
			10YR 4/6	15	C	M	
			10YR 4/6	2	C	PL	

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

Hydric Soil Indicators:	Indicators for Problematic Soils:
<input type="checkbox"/> No Histol (A1)	<input type="checkbox"/> No Polyvalue Below Surface (S8) (LRR S,T,U)
<input type="checkbox"/> No Histic Epipedon (A2)	<input type="checkbox"/> No Thin Dark Surface (S9) (LRR S,T,U)
<input type="checkbox"/> No Black Histic (A3)	<input type="checkbox"/> No Loamy Mucky Mineral (F1) (LRR O)
<input type="checkbox"/> No Hydrogen Sulfide (A4)	<input type="checkbox"/> No Loamy Gleyed Matrix (F2)
<input type="checkbox"/> No Stratified Layers (A5)	<input type="checkbox"/> No Depleted Matrix (F3)
<input type="checkbox"/> No Organic Bodies (A6) (LRR P,T,U)	<input type="checkbox"/> No Redox Dark Surface (F6)
<input type="checkbox"/> No 5cm Mucky Mineral (A7) (LRR P,T,U)	<input type="checkbox"/> No Depleted Dark Surface (F7)
<input type="checkbox"/> No Muck Presence (A8) (LRR U)	<input type="checkbox"/> No Redox Depressions (F8)
<input type="checkbox"/> No 1cm Muck (A9) (LRR P,T)	<input type="checkbox"/> No Marl (F10) (LRR U)
<input type="checkbox"/> No Depleted Below Dark Surface (A11)	<input type="checkbox"/> No Depleted Ochric (F11) (MLRA 151)
<input type="checkbox"/> No Thick Dark Surface (A12)	<input type="checkbox"/> No Iron-Manganese Masses (F12) (LRR O,P,T)
<input type="checkbox"/> No Coast Prairie Redox (A16) (MLRA 150A)	<input type="checkbox"/> No Umbric Surface (F13) (LRR P, T, U)
<input type="checkbox"/> No Sandy Mucky Mineral (S1) (LRR O,S)	<input type="checkbox"/> No Delta Ochric (F17) (MLRA 151)
<input type="checkbox"/> No Sandy Gleyed Matrix (S4)	<input type="checkbox"/> No Reduced Vertic (F18) (MLRA 150A, 150B)
<input type="checkbox"/> No Sandy Redox (S5)	<input type="checkbox"/> No Piedmont Floodplain Soils (F19) (MLRA 149A)
<input type="checkbox"/> No Stripped Matrix S6)	<input type="checkbox"/> No Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D)
<input type="checkbox"/> No Dark Surface (S7) (LRR P, S, T, U)	

Restrictive Layer (if observed):

Type:	None	Hydric Soil Present?
Depth inches:	None	

Remarks:

Soil profile appears to be consistent with Gilbert silt loam.

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site: Pecue Lane/I-10 Interchange		Parish: East Baton Rouge		Sampling Date: 6/17/2015	
Applicant/Owner: City of Baton Rouge, Parish of East Baton Rouge		State: Louisiana		Sampling Point: 15	
Investigator(s): Chad Turner and Angela Singletary		Section, Township, Range:		Section 49, Township 8 South, Range 2 East	
Landform (hillslope, terrace, etc.): Flat		Local Relief (concave, convex, none): None		Slope: 0-1%	
Subregion (LRR or MLRA): LRR P		Lat: 30.373195°		Long: -91.043222°	
Soil Map Unit Name: Oprairie silt, 0 to 1 percent slopes		Datum: NAD 83		NWI Classification: None	
Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)					
Are Vegetation, Soil, or Hydrology significantly disturbed? No Are "Normal Circumstances" present? Yes					
Are Vegetation, Soil, or Hydrology naturally problematic? No (If needed, explain any answers in Remarks.)					

SUMMARY OF FINDINGS	
Hydrophytic Vegetation Present? No	Is the Sampled Area within a Wetland? No
Hydric Soil Present? No	
Wetland Hydrology Present? No	
Remarks:	

HYDROLOGY		
Wetland Hydrology Indicators		Secondary Indicators (Need 2):
Primary Indicators (Need 1):		No Surface Soil Cracked (B6)
No Surface Water (A1)	No Water Stained Leaves (B9)	No Sparsely Veg. Concave Surface (B8)
No High Water Table (A2)	No Aquatic Fauna (B13)	No Drainage Patterns (B10)
No Saturation (A3)	No Marl Deposits (B15) (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 (B2)	No Oxidized Root Channels (C3)	No Crayfish Burrows (C8)
No Drift Deposits (B3)	No Presence of Reduced 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 Aerial Imagery (B7)	No Other (Explain in Remarks)	Yes FAC-Neutral Test (D5)
		No Sphagnum Moss (D8) (LRR T, U)

Field Observations:			Wetland Hydrology Present? No
Surface Water Present? No	Depth (inches): N/A		
Water table Present? No	Depth (inches): N/A		
Saturation Present? No	Depth (inches): N/A		
Remarks:			

SOIL							
Depth Inches	Matrix		Redox Features			Location	Texture
	Color	%	Color	%	Type		
0-16	10YR 5/2	75	10YR 5/6	20	C	M	silt loam
			10YR 7/1	5	D	M	

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

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

Restrictive Layer (if observed):		Hydric Soil Present? No
Type: None		
Depth inches: None		

Remarks:

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site: Pecue Lane/I-10 Interchange		Parish: East Baton Rouge		Sampling Date: 6/17/2015	
Applicant/Owner: City of Baton Rouge, Parish of East Baton Rouge		State: Louisiana		Sampling Point: 16	
Investigator(s): Chad Turner and Angela Singletary		Section, Township, Range:		Section 49, Township 8 South, Range 2 East	
Landform (hillslope, terrace, etc.): Flat		Local Relief (concave, convex, none): None		Slope: 0-1%	
Subregion (LRR or MLRA): LRR P		Lat: 30.370292°		Long: -91.044819°	
Soil Map Unit Name: Oprairie silt, 0 to 1 percent slopes		Datum: NAD 83		NWI Classification: None	
Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)					
Are Vegetation, Soil, or Hydrology significantly disturbed? No Are "Normal Circumstances" present? Yes					
Are Vegetation, Soil, or Hydrology naturally problematic? No (If needed, explain any answers in Remarks.)					

SUMMARY OF FINDINGS

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

HYDROLOGY

Wetland Hydrology Indicators		Secondary Indicators (Need 2):	
Primary Indicators (Need 1):		No Surface Soil Cracked (B6)	
No Surface Water (A1)	No Water Stained Leaves (B9)	No Sparsely Veg. Concave Surface (B8)	
No High Water Table (A2)	No Aquatic Fauna (B13)	No Drainage Patterns (B10)	
No Saturation (A3)	No Marl Deposits (B15) (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 (B2)	No Oxidized Root Channels (C3)	No Crayfish Burrows (C8)	
No Drift Deposits (B3)	No Presence of Reduced 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 Aerial Imagery (B7)	No Other (Explain in Remarks)	No FAC-Neutral Test (D5)	
		No Sphagnum Moss (D8) (LRR T, U)	

Field Observations:

Surface Water Present?	No	Depth (inches):	N/A	Wetland Hydrology Present?
Water table Present?	No	Depth (inches):	N/A	
Saturation Present?	No	Depth (inches):	N/A	
Remarks:				

SOIL

Depth Inches	Matrix		Redox Features			Location	Texture
	Color	%	Color	%	Type		
0-2	10YR 5/4	100					silt loam
12-16	10YR 6/3	90	10YR 5/6	10	C	M	silt loam

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

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

Restrictive Layer (if observed):

Type:	None	Hydric Soil Present?
Depth inches:	None	
Remarks:		

Soil profile appears to be consistent with Scotlandville silt loam.

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site: Pecue Lane/I-10 Interchange		Parish: East Baton Rouge		Sampling Date: 6/17/2015	
Applicant/Owner: City of Baton Rouge, Parish of East Baton Rouge		State: Louisiana		Sampling Point: 17	
Investigator(s): Chad Turner and Angela Singletary		Section, Township, Range:		Section 49, Township 8 South, Range 2 East	
Landform (hillslope, terrace, etc.): Flat		Local Relief (concave, convex, none): None		Slope: 0-1%	
Subregion (LRR or MLRA): LRR P		Lat: 30.368281°		Long: -91.045890°	
Soil Map Unit Name: Oprairie silt, 0 to 1 percent slopes		NW1 Classification: None		Datum: NAD 83	
Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)					
Are Vegetation, Soil, or Hydrology significantly disturbed? No Are "Normal Circumstances" present? Yes					
Are Vegetation, Soil, or Hydrology naturally problematic? No (If needed, explain any answers in Remarks.)					

SUMMARY OF FINDINGS

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

HYDROLOGY

Wetland Hydrology Indicators		Secondary Indicators (Need 2):	
Primary Indicators (Need 1):		No Surface Soil Cracked (B6)	
No Surface Water (A1)	No Water Stained Leaves (B9)	No Sparsely Veg. Concave Surface (B8)	
No High Water Table (A2)	No Aquatic Fauna (B13)	No Drainage Patterns (B10)	
No Saturation (A3)	No Marl Deposits (B15) (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 (B2)	No Oxidized Root Channels (C3)	No Crayfish Burrows (C8)	
No Drift Deposits (B3)	No Presence of Reduced 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 Aerial Imagery (B7)	No Other (Explain in Remarks)	No FAC-Neutral Test (D5)	
		No Sphagnum Moss (D8) (LRR T, U)	
Field Observations:		Wetland Hydrology Present?	
Surface Water Present?	No	Depth (inches):	N/A
Water table Present?	No	Depth (inches):	N/A
Saturation Present?	No	Depth (inches):	N/A
Remarks:			

SOIL

Depth Inches	Matrix		Redox Features			Location	Texture
	Color	%	Color	%	Type		
0-8	10YR 4/3	95	10YR 6/1	5	D	M	silt loam
8-16	10YR 5/2	70	10YR 5/8	25	C	M	silt loam
			10YR 5/8	5	D	M	

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

Hydric Soil Indicators:		Indicators for Problematic Soils:	
No Histol (A1)	No Polyvalue Below Surface (S8) (LRR S,T,U)	No 1cm Muck (A9) (LRR O)	
No Histic Epipedon (A2)	No Thin Dark Surface (S9) (LRR S,T,U)	No 2cm Muck (A10) (LRR S)	
No Black Histic (A3)	No Loamy Mucky Mineral (F1) (LRR O)	No Reduced Vertic (F18) (outside MLRA 150A,B)	
No Hydrogen Sulfide (A4)	No Loamy Gleyed Matrix (F2)	No Piedmont Floodplain Soils (F19) (LRR P,S,T)	
No Stratified Layers (A5)	Yes Depleted Matrix (F3)	No Anomalous Bright Loamy Soils (F20) (MLRA 153B)	
No Organic Bodies (A6) (LRR P,T,U)	No Redox Dark Surface (F6)	No Red Parent Material (TF2)	
No 5cm Mucky Mineral (A7) (LRR P,T,U)	No Depleted Dark Surface (F7)	No Very Shallow Dark Surface (TF12)	
No Muck Presence (A8) (LRR U)	No Redox Depressions (F8)	No Other (Explain)	
No 1cm Muck (A9) (LRR P,T)	No Marl (F10) (LRR U)		
No Depleted Below Dark Surface (A11)	No Depleted Ochric (F11) (MLRA 151)		
No Thick Dark Surface (A12)	No Iron-Manganese Masses (F12) (LRR O,P,T)		
No Coast Prairie Redox (A16) (MLRA 150A)	No Umbric Surface (F13) (LRR P, T, U)		
No Sandy Mucky Mineral (S1) (LRR O,S)	No Delta Ochric (F17) (MLRA 151)		
No Sandy Gleyed Matrix (S4)	No Reduced Vertic (F18) (MLRA 150A, 150B)		
No Sandy Redox (S5)	No Piedmont Floodplain Soils (F19) (MLRA 149A)		
No Stripped Matrix S6)	No Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D)		
No Dark Surface (S7) (LRR P, S, T, U)			
Restrictive Layer (if observed):		Hydric Soil Present?	
Type:	None	No	
Depth inches:	None		
Remarks:			

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site:	Pecue Lane/I-10 Interchange	Parish:	East Baton Rouge	Sampling Date:	6/17/2015
Applicant/Owner:	City of Baton Rouge, Parish of East Baton Rouge	State:	Louisiana	Sampling Point:	18
Investigator(s):	Chad Turner and Angela Singletary	Section, Township, Range:	Section 49, Township 8 South, Range 2 East		
Landform (hillslope, terrace, etc.):	Flat	Local Relief (concave, convex, none):	None		
Subregion (LRR or MLRA):	LRR P	Lat: 30.373763°	Long: -91.043732°	Datum:	NAD 83
Soil Map Unit Name:	Oprairie silt, 0 to 1 percent slopes	NWI Classification:	None		
Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)					
Are Vegetation, Soil, or Hydrology significantly disturbed? No Are "Normal Circumstances" present? Yes					
Are Vegetation, Soil, or Hydrology naturally problematic? No (If needed, explain any answers in Remarks.)					

SUMMARY OF FINDINGS	
Hydrophytic Vegetation Present?	Yes
Hydric Soil Present?	No
Wetland Hydrology Present?	Yes
Is the Sampled Area within a Wetland? No	
Remarks:	

HYDROLOGY	
Wetland Hydrology Indicators	Secondary Indicators (Need 2):
Primary Indicators (Need 1):	No Surface Soil Cracked (B6)
No Surface Water (A1)	No Sparsely Veg. Concave Surface (B8)
No High Water Table (A2)	No Drainage Patterns (B10)
Yes Saturation (A3)	No Moss Trim Lines (B16)
No Water Marks (B1)	No Dry-Season Water Table (C2)
No Sediment Deposits (B2)	No Crayfish Burrows (C8)
No Drift Deposits (B3)	No Saturation on Aerial Imagery (C9)
No Algal Mat or Crust (B4)	No Geomorphic Position (D2)
No Iron Deposits (B5)	No Shallow Aquitard (D3)
No Inundation on Aerial Imagery (B7)	No FAC-Neutral Test (D5)
	No Sphagnum Moss (D8) (LRR T, U)

Field Observations:		Wetland Hydrology Present?
Surface Water Present?	No	<u>Yes</u>
Water table Present?	No	
Saturation Present?	Yes	
Depth (inches):	N/A	
Depth (inches):	N/A	
Depth (inches):	6-16	
Remarks:		

SOIL							
Depth Inches	Matrix		Redox Features			Texture	
	Color	%	Color	%	Type	Location	
0-6	10YR 4/3	100					silt loam
6-16	10YR 5/3	73	10YR 3/3	25	C	M	silt loam
			10YR 6/2	2	D	M	

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

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

Restrictive Layer (if observed):	Hydric Soil Present?
Type: None	<u>No</u>
Depth inches: None	

Remarks:

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site:	Pecue Lane/I-10 Interchange	Parish: East Baton Rouge	Sampling Date:	6/17/2015
Applicant/Owner:	City of Baton Rouge, Parish of East Baton Rouge	State: Louisiana	Sampling Point:	19
Investigator(s):	Chad Turner and Angela Singletary	Section, Township, Range:	Section 49, Township 8 South, Range 2 East	
Landform (hillslope, terrace, etc.):	Flat	Local Relief (concave, convex, none):	None	
Subregion (LRR or MLRA):	LRR P	Lat: 30.372376°	Long: -91.045670°	Datum: NAD 83
Soil Map Unit Name:	Oprairie silt, 1 to 3 percent slopes	NWI Classification: None		
Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)				
Are Vegetation, Soil, or Hydrology significantly disturbed? No Are "Normal Circumstances" present? Yes				
Are Vegetation, Soil, or Hydrology naturally problematic? No (If needed, explain any answers in Remarks.)				

SUMMARY OF FINDINGS	
Hydrophytic Vegetation Present?	Yes
Hydric Soil Present?	Yes
Wetland Hydrology Present?	Yes
Remarks:	
Is the Sampled Area within a Wetland? Yes	

HYDROLOGY	
Wetland Hydrology Indicators Primary Indicators (Need 1): No Surface Water (A1) No Water Stained Leaves (B9) No High Water Table (A2) No Aquatic Fauna (B13) No Saturation (A3) No Marl Deposits (B15) (LRR U) No Water Marks (B1) No Hydrogen Sulfide Odor (C1) No Sediment Deposits (B2) Yes Oxidized Root Channels (C3) No Drift Deposits (B3) No Presence of Reduced Iron (C4) No Algal Mat or Crust (B4) No Recent Reduct. in Tilled Soils (C6) No Iron Deposits (B5) No Thin Muck Surface (C7) No Inundation on Aerial Imagery (B7) No Other (Explain in Remarks)	Secondary Indicators (Need 2): No Surface Soil Cracked (B6) No Sparsely Veg. Concave Surface (B8) No Drainage Patterns (B10) No Moss Trim Lines (B16) No Dry-Season Water Table (C2) No Crayfish Burrows (C8) No Saturation on Aerial Imagery (C9) No Geomorphic Position (D2) No Shallow Aquitard (D3) Yes FAC-Neutral Test (D5) No Sphagnum Moss (D8) (LRR T, U)

Field Observations:				
Surface Water Present?	No	Depth (inches):	N/A	Wetland Hydrology Present?
Water table Present?	No	Depth (inches):	N/A	<u>Yes</u>
Saturation Present?	No	Depth (inches):	N/A	
Remarks:				

SOIL							
Depth Inches	Matrix		Redox Features				Texture
	Color	%	Color	%	Type	Location	
0-1	10YR 3/2	100					silt loam
1-16	10YR 5/2	68	10YR 3/2	15	C	M	silt loam
			10YR 5/6	15	C	M	
			10YR 5/6	2	C	PL	

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

Hydric Soil Indicators: No Histol (A1) No Polyvalue Below Surface (S8) (LRR S,T,U) No Histic Epipedon (A2) No Thin Dark Surface (S9) (LRR S,T,U) No Black Histic (A3) No Loamy Mucky Mineral (F1) (LRR O) No Hydrogen Sulfide (A4) No Loamy Gleyed Matrix (F2) No Stratified Layers (A5) Yes Depleted Matrix (F3) No Organic Bodies (A6) (LRR P,T,U) No Redox Dark Surface (F6) No 5cm Mucky Mineral (A7) (LRR P,T,U) No Depleted Dark Surface (F7) No Muck Presence (A8) (LRR U) No Redox Depressions (F8) No 1cm Muck (A9) (LRR P,T) No Marl (F10) (LRR U) No Depleted Below Dark Surface (A11) No Depleted Ochric (F11) (MLRA 151) No Thick Dark Surface (A12) No Iron-Manganese Masses (F12) (LRR O,P,T) No Coast Prairie Redox (A16) (MLRA 150A) No Umbric Surface (F13) (LRR P, T, U) No Sandy Mucky Mineral (S1) (LRR O,S) No Delta Ochric (F17) (MLRA 151) No Sandy Gleyed Matrix (S4) No Reduced Vertic (F18) (MLRA 150A, 150B) No Sandy Redox (S5) No Piedmont Floodplain Soils (F19) (MLRA 149A) No Stripped Matrix S6) No Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) No Dark Surface (S7) (LRR P, S, T, U)	Indicators for Problematic Soils: No 1cm Muck (A9) (LRR O) No 2cm Muck (A10) (LRR S) No Reduced Vertic (F18) (outside MLRA 150A,B) No Piedmont Floodplain Soils (F19) (LRR P,S,T) No Anomalous Bright Loamy Soils (F20) (MLRA 153B) No Red Parent Material (TF2) No Very Shallow Dark Surface (TF12) No Other (Explain)
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Restrictive Layer (if observed):	
Type:	None
Depth inches:	None
Hydric Soil Present? Yes	

Remarks:

Soil profile appears to be consistent with Frost silt loam.

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site:	Pecue Lane/I-10 Interchange	Parish: East Baton Rouge	Sampling Date:	6/17/2015
Applicant/Owner:	City of Baton Rouge, Parish of East Baton Rouge	State: Louisiana	Sampling Point:	20
Investigator(s):	Chad Turner and Angela Singletary	Section, Township, Range:	Section 49, Township 8 South, Range 2 East	
Landform (hillslope, terrace, etc.):	Flat	Local Relief (concave, convex, none):	None	
Subregion (LRR or MLRA):	LRR P	Lat: 30.372136°	Long: -91.045144°	Datum: NAD 83
Soil Map Unit Name:	Oprairie silt, 1 to 3 percent slopes	NWI Classification: None		
Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)				
Are Vegetation, Soil, or Hydrology significantly disturbed? No Are "Normal Circumstances" present? Yes				
Are Vegetation, Soil, or Hydrology naturally problematic? No (If needed, explain any answers in Remarks.)				

SUMMARY OF FINDINGS	
Hydrophytic Vegetation Present?	Yes
Hydric Soil Present?	Yes
Wetland Hydrology Present?	Yes
Is the Sampled Area within a Wetland? Yes	
Remarks:	

HYDROLOGY		
Wetland Hydrology Indicators		Secondary Indicators (Need 2):
Primary Indicators (Need 1):		No Surface Soil Cracked (B6)
No Surface Water (A1)	No Water Stained Leaves (B9)	No Sparsely Veg. Concave Surface (B8)
No High Water Table (A2)	No Aquatic Fauna (B13)	No Drainage Patterns (B10)
Yes Saturation (A3)	No Marl Deposits (B15) (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 (B2)	No Oxidized Root Channels (C3)	No Crayfish Burrows (C8)
No Drift Deposits (B3)	No Presence of Reduced 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 Aerial Imagery (B7)	No Other (Explain in Remarks)	Yes FAC-Neutral Test (D5)
		No Sphagnum Moss (D8) (LRR T, U)

Field Observations:			Wetland Hydrology Present?
Surface Water Present?	No	Depth (inches):	N/A
Water table Present?	No	Depth (inches):	N/A
Saturation Present?	Yes	Depth (inches):	1-16
Remarks:			<u>Yes</u>

SOIL							
Depth Inches	Matrix		Redox Features			Location	Texture
	Color	%	Color	%	Type		
0-16	10YR 5/1	80	10YR 3/4	15	C	M	silty clay loam
			10YR 5/8	5	C	M	

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

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

Restrictive Layer (if observed):		Hydric Soil Present?
Type:	None	
Depth inches:	None	<u>Yes</u>

Remarks:

Soil profile appears to be consistent with Frost silt loam.

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site:	Pecue Lane/I-10 Interchange	Parish: East Baton Rouge	Sampling Date:	6/17/2015
Applicant/Owner:	City of Baton Rouge, Parish of East Baton Rouge	State: Louisiana	Sampling Point:	21
Investigator(s):	Chad Turner and Angela Singletary	Section, Township, Range:	Section 49, Township 8 South, Range 2 East	
Landform (hillslope, terrace, etc.):	Flat	Local Relief (concave, convex, none):	None	
Subregion (LRR or MLRA):	LRR P	Lat: 30.370689°	Long: -91.048783°	Datum: NAD 83
Soil Map Unit Name:	Frost silt loam, 0 to 1 percent slopes		NWI Classification: None	
Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)				
Are Vegetation, Soil, or Hydrology significantly disturbed? No Are "Normal Circumstances" present? Yes				
Are Vegetation, Soil, or Hydrology naturally problematic? No (If needed, explain any answers in Remarks.)				

SUMMARY OF FINDINGS	
Hydrophytic Vegetation Present?	No
Hydric Soil Present?	Yes
Wetland Hydrology Present?	Yes
Is the Sampled Area within a Wetland? No	
Remarks:	

HYDROLOGY	
Wetland Hydrology Indicators Primary Indicators (Need 1): No Surface Water (A1) No Water Stained Leaves (B9) No High Water Table (A2) No Aquatic Fauna (B13) No Saturation (A3) No Marl Deposits (B15) (LRR U) No Water Marks (B1) No Hydrogen Sulfide Odor (C1) No Sediment Deposits (B2) Yes Oxidized Root Channels (C3) No Drift Deposits (B3) No Presence of Reduced Iron (C4) No Algal Mat or Crust (B4) No Recent Reduct. in Tilled Soils (C6) No Iron Deposits (B5) No Thin Muck Surface (C7) No Inundation on Aerial Imagery (B7) No Other (Explain in Remarks)	Secondary Indicators (Need 2): No Surface Soil Cracked (B6) No Sparsely Veg. Concave Surface (B8) No Drainage Patterns (B10) No Moss Trim Lines (B16) No Dry-Season Water Table (C2) No Crayfish Burrows (C8) No Saturation on Aerial Imagery (C9) No Geomorphic Position (D2) No Shallow Aquitard (D3) No FAC-Neutral Test (D5) No Sphagnum Moss (D8) (LRR T, U)

Field Observations:					
Surface Water Present?	No	Depth (inches):	N/A		Wetland Hydrology Present?
Water table Present?	No	Depth (inches):	N/A		<u>Yes</u>
Saturation Present?	No	Depth (inches):	N/A		
Remarks:					

SOIL							
Depth Inches	Matrix		Redox Features			Location	Texture
	Color	%	Color	%	Type		
0-1	10YR 2/2	100					silt loam
1-16	10YR 5/1	88	10YR 5/8	15	C	M	silt loam
			10YR 3/6	5	C	M	
			10YR 3/6	2	C	PL	

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

Hydric Soil Indicators: No Histol (A1) No Polyvalue Below Surface (S8) (LRR S,T,U) No Histic Epipedon (A2) No Thin Dark Surface (S9) (LRR S,T,U) No Black Histic (A3) No Loamy Mucky Mineral (F1) (LRR O) No Hydrogen Sulfide (A4) No Loamy Gleyed Matrix (F2) No Stratified Layers (A5) Yes Depleted Matrix (F3) No Organic Bodies (A6) (LRR P,T,U) No Redox Dark Surface (F6) No 5cm Mucky Mineral (A7) (LRR P,T,U) No Depleted Dark Surface (F7) No Muck Presence (A8) (LRR U) No Redox Depressions (F8) No 1cm Muck (A9) (LRR P,T) No Marl (F10) (LRR U) No Depleted Below Dark Surface (A11) No Depleted Ochric (F11) (MLRA 151) No Thick Dark Surface (A12) No Iron-Manganese Masses (F12) (LRR O,P,T) No Coast Prairie Redox (A16) (MLRA 150A) No Umbric Surface (F13) (LRR P, T, U) No Sandy Mucky Mineral (S1) (LRR O,S) No Delta Ochric (F17) (MLRA 151) No Sandy Gleyed Matrix (S4) No Reduced Vertic (F18) (MLRA 150A, 150B) No Sandy Redox (S5) No Piedmont Floodplain Soils (F19) (MLRA 149A) No Stripped Matrix S6) No Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) No Dark Surface (S7) (LRR P, S, T, U)	Indicators for Problematic Soils: No 1cm Muck (A9) (LRR O) No 2cm Muck (A10) (LRR S) No Reduced Vertic (F18) (outside MLRA 150A,B) No Piedmont Floodplain Soils (F19) (LRR P,S,T) No Anomalous Bright Loamy Soils (F20) (MLRA 153B) No Red Parent Material (TF2) No Very Shallow Dark Surface (TF12) No Other (Explain)
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Restrictive Layer (if observed):	
Type:	None
Depth inches:	None
Hydric Soil Present? <u>Yes</u>	

Remarks:

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site:	Pecue Lane/I-10 Interchange		Parish:	East Baton Rouge	Sampling Date:	6/17/2015	
Applicant/Owner:	City of Baton Rouge, Parish of East Baton Rouge		State:	Louisiana	Sampling Point:	22	
Investigator(s):	Chad Turner and Angela Singletary		Section, Township, Range:	Section 49, Township 8 South, Range 2 East			
Landform (hillslope, terrace, etc.):	Flat		Local Relief (concave, convex, none):	None		Slope: 0-1%	
Subregion (LRR or MLRA):	LRR P	Lat: 30.371074°	Long: -91.046405°	Datum: NAD 83			
Soil Map Unit Name:	Oprairie silt, 0 to 1 percent slopes		NWI Classification: None				

Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)

Are Vegetation, Soil, or Hydrology significantly disturbed? No Are "Normal Circumstances" present? Yes

Are Vegetation, Soil, or Hydrology naturally problematic? No (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS

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

Remarks:

HYDROLOGY

Wetland Hydrology Indicators		Secondary Indicators (Need 2):	
Primary Indicators (Need 1):		No Surface Soil Cracked (B6)	
No Surface Water (A1)	No Water Stained Leaves (B9)	No Sparsely Veg. Concave Surface (B8)	
No High Water Table (A2)	No Aquatic Fauna (B13)	No Drainage Patterns (B10)	
No Saturation (A3)	No Marl Deposits (B15) (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 (B2)	No Oxidized Root Channels (C3)	No Crayfish Burrows (C8)	
No Drift Deposits (B3)	No Presence of Reduced 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 Aerial Imagery (B7)	No Other (Explain in Remarks)	No FAC-Neutral Test (D5)	
		No Sphagnum Moss (D8) (LRR T, U)	

Field Observations:

Surface Water Present?	No	Depth (inches):	N/A	Wetland Hydrology Present?
Water table Present?	No	Depth (inches):	N/A	
Saturation Present?	No	Depth (inches):	N/A	

Remarks:

SOIL

Depth Inches	Matrix		Redox Features				Texture
	Color	%	Color	%	Type	Location	
0-4	10YR 5/1	100					silt loam
4-16	10YR 6/3	80	10YR 4/6	15	C	M	silt loam
			10YR 6/1	5	D	M	

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

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

Restrictive Layer (if observed):

Type:	None	Hydric Soil Present?
Depth inches:	None	

Remarks:

VEGETATION

SAMPLING POINT

Tree Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator	Status	Dominance Test Worksheet:	
None						Number of Dominant Species That are OBL, FACW, or FAC	(A): 2
						Total Number of Dominant Species Across All Strata	4
						Percent of Dominant Species That Are OBL, FACW, or FAC	(A/B): 50.00%
_____ 0 _____ = Total Cover						50/20 Threshold 50% of Total Cover = 0 20% of Total Cover = 0	
_____ 0 _____ = Total Cover						Prevalence Index Worksheet: Total % Cover of: _____ Multiply OBL x1= _____ FACW x2= _____ FAC x3= _____ FACU x4= _____ UPL x5= _____ A Totals B _____ Prevalence Index (B/A)= _____	
Sapling Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator	Status	Hydrophytic Vegetation Indicators:	
None						Rapid Test for Hydrophytic Veg:	No
						Dominance Test > 50%:	No
						Prevalence Index is ≤3.0:	N/A
						Problematic Hydrophytic Veg:	No
_____ 0 _____ = Total Cover						50/20 Threshold 50% of Total Cover = 0 20% of Total Cover = 0	
Shrub Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator	Status	Definitions of Vegetation Strata: Tree - Woody plants, excluding woody vines, approximately 20' or more in height and 3" or larger in DBH. Sapling - Woody plants, excluding woody vines, approximately 20' or more in height and less than 3" in DBH. Shrub - Woody plants, excluding woody vines, approximately 3-20' in height. Herb - All herbaceous plants, including herbaceous vines, regardless of size. Includes woody plants, except woody vines, less than approximately 3' in height. Woody vine - All woody vines, regardless of height.	
<i>Rubus trivialis</i>		15	Yes	FACU			
<i>Triadica sebifera</i>		10	Yes	FAC			
_____ 25 _____ = Total Cover						50/20 Threshold 50% of Total Cover = 12.5 20% of Total Cover = 5	
Herb Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator	Status	Remarks:	
<i>Cynodon dactylon</i>		40	Yes	FACU			
<i>Fimbristylis annua</i>		20	Yes	FACW			
<i>Kyllinga gracillima</i>		15	No	FACU			
<i>Eupatorium capillifolium</i>		5	No	FACU			
<i>Helenium amarum</i>		5	No	FACU			
_____ 85 _____ = Total Cover						50/20 Threshold 50% of Total Cover = 42.5 20% of Total Cover = 17	
Woody Vine Stratum	Plot Size: 30'	Absolute % Cover	Dominant Species	Indicator	Status	Hydrophytic Vegetation Present? _____ No _____	
None							
_____ 0 _____ = Total Cover						50/20 Threshold 50% of Total Cover = 0 20% of Total Cover = 0	

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site:	Pecue Lane/I-10 Interchange	Parish: East Baton Rouge	Sampling Date:	6/17/2015
Applicant/Owner:	City of Baton Rouge, Parish of East Baton Rouge	State: Louisiana	Sampling Point:	23
Investigator(s):	Chad Turner and Angela Singletary	Section, Township, Range:	Section 48, Township 8 South, Range 2 East	
Landform (hillslope, terrace, etc.):	Flat	Local Relief (concave, convex, none):	Concave	
Subregion (LRR or MLRA):	LRR P	Lat: 30.373939°	Long: -91.053778°	Datum: NAD 83
Soil Map Unit Name:	Frost silt loam, 0 to 1 percent slopes, occasionally flooded		NWI Classification: PFO1Ad	
Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)				
Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? No Are "Normal Circumstances" present? Yes				
Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? No (If needed, explain any answers in Remarks.)				

SUMMARY OF FINDINGS	
Hydrophytic Vegetation Present?	Yes
Hydric Soil Present?	Yes
Wetland Hydrology Present?	Yes
Remarks:	
Is the Sampled Area within a Wetland? Yes	

HYDROLOGY	
Wetland Hydrology Indicators	Secondary Indicators (Need 2):
Primary Indicators (Need 1):	No Surface Soil Cracked (B6)
No Surface Water (A1)	Yes Sparsely Veg. Concave Surface (B8)
No High Water Table (A2)	Yes Drainage Patterns (B10)
Yes Saturation (A3)	No Moss Trim Lines (B16)
No Water Marks (B1)	No Dry-Season Water Table (C2)
No Sediment Deposits (B2)	No Crayfish Burrows (C8)
No Drift Deposits (B3)	No Saturation on Aerial Imagery (C9)
No Algal Mat or Crust (B4)	No Geomorphic Position (D2)
No Iron Deposits (B5)	No Shallow Aquitard (D3)
No Inundation on Aerial Imagery (B7)	Yes FAC-Neutral Test (D5)
	No Sphagnum Moss (D8) (LRR T, U)

Field Observations:		Wetland Hydrology Present?
Surface Water Present?	No	<u>Yes</u>
Water table Present?	No	
Saturation Present?	Yes	
Depth (inches):	N/A	
Depth (inches):	N/A	
Depth (inches):	1-16	
Remarks:		

SOIL						
Depth Inches	Matrix		Redox Features			Texture
	Color	%	Color	%	Type	
0-2	10YR 4/1	100				sand
2-4	5YR 5/6	100				sand
4-16	10YR 5/2	83	N 6/0	15	D	M
			10YR 5/6	2	C	M

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

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

Restrictive Layer (if observed):	Hydric Soil Present?
Type: None	<u>Yes</u>
Depth inches: None	

Remarks:

Soil profile appears to contain dredged material.

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site: Pecue Lane/I-10 Interchange		Parish: East Baton Rouge		Sampling Date: 6/17/2015	
Applicant/Owner: City of Baton Rouge, Parish of East Baton Rouge		State: Louisiana		Sampling Point: 24	
Investigator(s): Chad Turner and Angela Singletary		Section, Township, Range:		Section 49, Township 8 South, Range 2 East	
Landform (hillslope, terrace, etc.): Terrace		Local Relief (concave, convex, none): None		Slope: 0-1%	
Subregion (LRR or MLRA): LRR P		Lat: 30.363428°		Long: -91.043837°	
Soil Map Unit Name: Udarents		NW1 Classification: PFO1Ad			
Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)					
Are Vegetation, Soil, or Hydrology significantly disturbed? No		Are "Normal Circumstances" present? Yes			
Are Vegetation, Soil, or Hydrology naturally problematic? No		(If needed, explain any answers in Remarks.)			
SUMMARY OF FINDINGS					
Hydrophytic Vegetation Present? Yes		Hydric Soil Present? Yes		Is the Sampled Area within a Wetland? Yes	
Wetland Hydrology Present? Yes					
Remarks:					

HYDROLOGY					
Wetland Hydrology Indicators			Secondary Indicators (Need 2):		
Primary Indicators (Need 1):			No Surface Soil Cracked (B6)		
No	Surface Water (A1)	No	Water Stained Leaves (B9)	No	Sparsely Veg. Concave Surface (B8)
No	High Water Table (A2)	No	Aquatic Fauna (B13)	No	Drainage Patterns (B10)
Yes	Saturation (A3)	No	Marl Deposits (B15) (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 (B2)	No	Oxidized Root Channels (C3)	No	Crayfish Burrows (C8)
No	Drift Deposits (B3)	No	Presence of Reduced 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 Aerial Imagery (B7)	No	Other (Explain in Remarks)	Yes	FAC-Neutral Test (D5)
				No	Sphagnum Moss (D8) (LRR T, U)
Field Observations:			Wetland Hydrology Present?		
Surface Water Present?	No	Depth (inches):	N/A	<u>Yes</u>	
Water table Present?	No	Depth (inches):	N/A		
Saturation Present?	Yes	Depth (inches):	1-16		
Remarks:					

SOIL							
Depth Inches	Matrix		Redox Features			Texture	
	Color	%	Color	%	Type	Location	
0-12	10YR 4/2	100					silty clay loam
12-16	10YR 4/2	90	10YR 6/6	5	C	M	silty clay loam
			10YR 6/1	5	D	M	

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

Hydric Soil Indicators:			Indicators for Problematic Soils:		
No	Histol (A1)	No	Polyvalue Below Surface (S8) (LRR S,T,U)	No	1cm Muck (A9) (LRR O)
No	Histic Epipedon (A2)	No	Thin Dark Surface (S9) (LRR S,T,U)	No	2cm Muck (A10) (LRR S)
No	Black Histic (A3)	No	Loamy Mucky Mineral (F1) (LRR O)	No	Reduced Vertic (F18) (outside MLRA 150A,B)
No	Hydrogen Sulfide (A4)	No	Loamy Gleyed Matrix (F2)	No	Piedmont Floodplain Soils (F19) (LRR P,S,T)
No	Stratified Layers (A5)	Yes	Depleted Matrix (F3)	No	Anomalous Bright Loamy Soils (F20) (MLRA 153B)
No	Organic Bodies (A6) (LRR P,T,U)	No	Redox Dark Surface (F6)	No	Red Parent Material (TF2)
No	5cm Mucky Mineral (A7) (LRR P,T,U)	No	Depleted Dark Surface (F7)	No	Very Shallow Dark Surface (TF12)
No	Muck Presence (A8) (LRR U)	No	Redox Depressions (F8)	No	Other (Explain)
No	1cm Muck (A9) (LRR P,T)	No	Marl (F10) (LRR U)		
No	Depleted Below Dark Surface (A11)	No	Depleted Ochric (F11) (MLRA 151)		
No	Thick Dark Surface (A12)	No	Iron-Manganese Masses (F12) (LRR O,P,T)		
No	Coast Prairie Redox (A16) (MLRA 150A)	No	Umbric Surface (F13) (LRR P, T, U)		
No	Sandy Mucky Mineral (S1) (LRR O,S)	No	Delta Ochric (F17) (MLRA 151)		
No	Sandy Gleyed Matrix (S4)	No	Reduced Vertic (F18) (MLRA 150A, 150B)		
No	Sandy Redox (S5)	No	Piedmont Floodplain Soils (F19) (MLRA 149A)		
No	Stripped Matrix S6)	No	Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D)		
No	Dark Surface (S7) (LRR P, S, T, U)				
Restrictive Layer (if observed):			Hydric Soil Present?		
Type:	None		<u>Yes</u>		
Depth inches:	None				
Remarks:					
Soil profile appears to be consistent with Frost silt loam.					

WETLAND DETERMINATION DATA FORM - ATLANTIC AND GULF COASTAL PLAIN REGION

Project/Site:	Pecue Lane/I-10 Interchange		Parish:	East Baton Rouge	Sampling Date:	6/17/2015	
Applicant/Owner:	City of Baton Rouge, Parish of East Baton Rouge		State:	Louisiana	Sampling Point:	25	
Investigator(s):	Chad Turner and Angela Singletary		Section, Township, Range:	Section 49, Township 8 South, Range 2 East			
Landform (hillslope, terrace, etc.):	Flat		Local Relief (concave, convex, none):	Concave		Slope: 0-1%	
Subregion (LRR or MLRA):	LRR P	Lat: 30.364512°	Long: -91.043855°	Datum: NAD 83			
Soil Map Unit Name:	Frost silt loam, 0 to 1 percent slopes, occasionally flooded			NWI Classification: None			
Are climatic / hydrologic conditions on the site typical for this time of year? Yes (If no explain in Remarks)							
Are Vegetation, Soil, or Hydrology significantly disturbed? No Are "Normal Circumstances" present? Yes							
Are Vegetation, Soil, or Hydrology naturally problematic? No (If needed, explain any answers in Remarks.)							

SUMMARY OF FINDINGS	
Hydrophytic Vegetation Present?	Yes
Hydric Soil Present?	Yes
Wetland Hydrology Present?	Yes
Remarks:	
Is the Sampled Area within a Wetland? Yes	

HYDROLOGY	
Wetland Hydrology Indicators	Secondary Indicators (Need 2):
Primary Indicators (Need 1):	No Surface Soil Cracked (B6)
No Surface Water (A1)	No Sparsely Veg. Concave Surface (B8)
No High Water Table (A2)	No Drainage Patterns (B10)
No Saturation (A3)	No Moss Trim Lines (B16)
No Water Marks (B1)	No Dry-Season Water Table (C2)
No Sediment Deposits (B2)	No Crayfish Burrows (C8)
No Drift Deposits (B3)	No Saturation on Aerial Imagery (C9)
No Algal Mat or Crust (B4)	No Geomorphic Position (D2)
No Iron Deposits (B5)	No Shallow Aquitard (D3)
No Inundation on Aerial Imagery (B7)	Yes FAC-Neutral Test (D5)
	No Sphagnum Moss (D8) (LRR T, U)
	No Other (Explain in Remarks)

Field Observations:				
Surface Water Present?	No	Depth (inches):	N/A	Wetland Hydrology Present? <u>Yes</u>
Water table Present?	No	Depth (inches):	N/A	
Saturation Present?	No	Depth (inches):	N/A	
Remarks:				

SOIL							
Depth Inches	Matrix		Redox Features			Location	Texture
	Color	%	Color	%	Type		
0-9	10YR 5/3	80	10YR 6/1	15	D	M	silty clay loam
			10YR 5/8	5	C	M	
9-16	10YR 5/1	80	10YR 5/6	15	C	M	silty clay loam
			10YR 5/6	5	C	PL	

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

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

Restrictive Layer (if observed):	Hydric Soil Present?
Type: None	<u>Yes</u>
Depth inches: None	

Remarks:

Soil profile appears to be consistent with Gilbert silt loam.

