Page 1 can be sent as an email or as an attachment in your submittal Page 1 can be sent as an email or as an attachment in your submittal

January 29, 2019 (Date your submitting)

U.S. Army Corps of Engineers Savannah District/Regulatory Branch (Whom to submit it to)

Attention: Attention:

Mr. Will M. Rutlin, Coastal Section Chief Coastal/Savannah Office Address 100 West Oglethorpe Avenue Savannah, Georgia 31401-3604 Mr. Edward B. Johnson, Piedmont Section Chief 1590 Adamson Parkway, Suite 200 Morrow, Georgia 30260-1777

Dear Mr. Section Chief: (Example)

Blankety Blank Company or Applicant name is submitting the attached information requesting an aquatic resource delineation review (ARDR) for the subject site located at 3246 Low Ground Road, Guyton, Effingham County, Georgia (32.04219, -81.31502). The owner of the property is Papa Smurf, LLC; however the applicant is Bam Bam, see contact information below (and cc'd in submittal). The property is composed of wetland and streams. Based on our site assessment, it is our opinion that the project area contains +/- 5.9 acres of wetland, 28 acres of upland, and 150 linear feet of intermittent stream.

The attached information includes the following:

Request for ARDR Review Papa Smurf Prepared Figures 1-7
Approximate Wetland Sketch (Exhibit 5)
Data Forms-One Wetland, One Upland
DFIRM Map

We greatly appreciate your assistance withy thyis project. If you have any questions do not hesitate to call at 912-867-5309 or papasmuyrf@bambam.com.

Sincerely,

Papa Smurf and Company

cc: Bam Bam

At a minimum the beloww is acceptable ffor an ARDR submittal Some of the numberedd items are hyperlinked for your ease to access to the maps.

- 1) SAS APPENDIX 1: Request for Corps of Engineers Jurisdictional Determination (JD) and/or Delineation Review
- 2) Street Map/Project Location Map
- 3) USGS Map of Project Location
- 4) Soils Map of Project Location
- 5))National Wetland Inventory Map of Project Location
- 6) Aquatic Resource Exhibit (GPS or Survey, or Approximate Sketch)
- 7) Color Infared Maps of Project Location optional
- 8) LiDAR Map of Project Location (Optional)
- 9) Data Forms (If multiple types of different wetlands i.e. PFO vs PEM, or Marsh vs PFO, more than one wetland form is required)

One Wetland One Upland

Added the Coastal Plain and Piedmont Data Forms, Choose which region your in as well as if you will be using the four strata vegetation form or the five strata data form.

10) DFIRM Map (Floodplain Map)

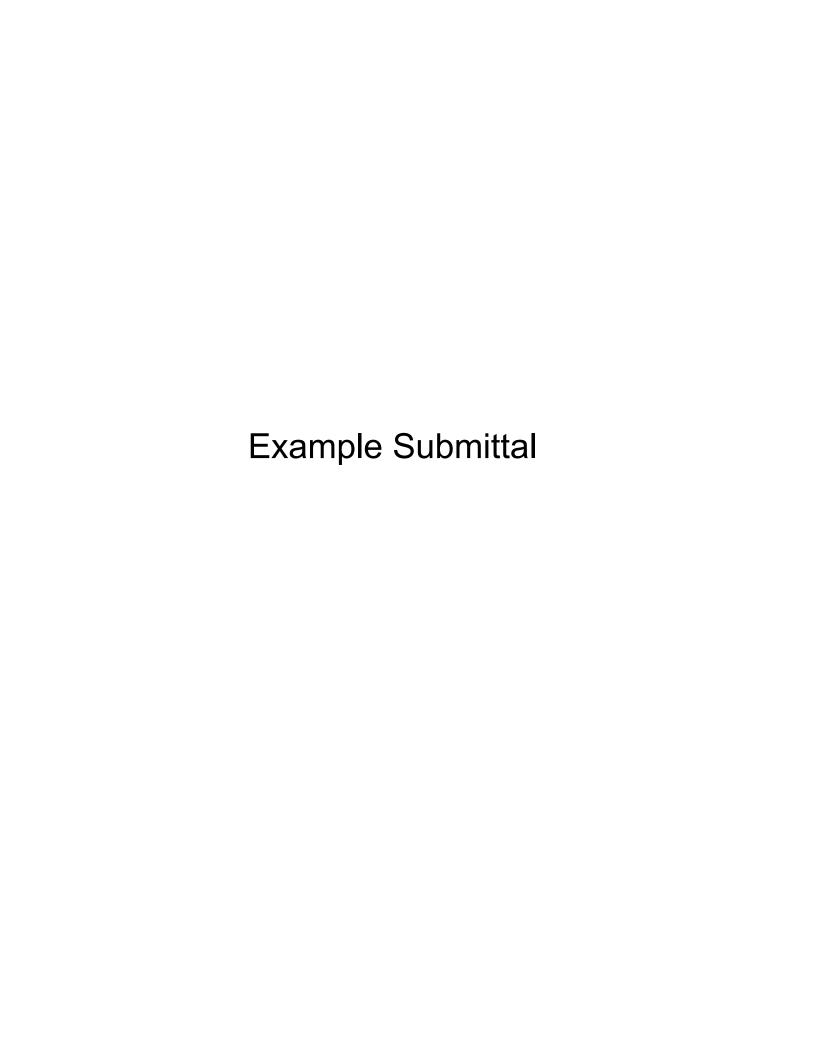
The following pages, show the blank Appendix 1 Form to fill out, as well as maps that should be added to your submittal in PDF format. Once you've put it all together you may email to any of our offices

Piedmont Section: CESAS-OP-FP@usace.army.mil

Coastal Section: CESAS-OP-FC@usace.army.mil

Submit all GDOT applications to: CESAS-RD-GDOT-ESubmittal@usace.army.mil

General Inquiries: CESAS-RD@usace.army.mil





SAS APPENDIX 1: Request for Corps of Engineers Jurisdictional Determination (JD) and/or Delineation Review

I. Reason for request: (check as many as applicable)

I intend to construct/develop a project or perform activities on this parcel which would be designed to avoid all aquatic resources.

I intend to construct/develop a project or perform activities on this parcel which would be designed to avoid all jurisdictional aquatic resources under Corps authority.

I intend to construct/develop a project or perform activities on this parcel which may require authorization from the Corps, and the JD would be used to avoid and minimize impacts to jurisdictional aquatic resources and as an initial step in a future permitting process.

I intend to construct/develop a project or perform activities on this parcel which may require authorization from the Corps; this request is accompanied by my permit application and the JD is to be used in the permitting process.

I intend to construct/develop a project or perform activities in a navigable water of the U.S. which is included on the district Section 1O list and/or is subject to the ebb and flow of the tide.

A Corps JD is required in order to obtain my local/state authorization.

I intend to contest jurisdiction over a particular aquatic resource and request the Corps confirm that jurisdiction does/does not exist over the aquatic resource on the parcel.

I believe that the site may be comprised entirely of dry land.	

Other:			

II. I am requesting that the U.S. Army Corps of Engineers, Savannah District, provide me with the following:

<u>Delineation Review of Aquatic Resources</u> - Concurrence with an aquatic resource delineation is a written notification from the Corps concurring, not concurring, or commenting on the aquatic resource boundaries, or limits, delineated on a property.

<u>Preliminary Jurisdictional Determination</u> - (PJD). A PJD is defined in Corps regulations at 33 CFR 331.2, as "written indications that there may be waters of the United States on a parcel". When the Corps provides a PJD, the Corps is making no legally binding determination of any type regarding whether jurisdiction exists over the particular aquatic resource in question.

<u>Approved Jurisdictional Determination</u> - (AJD) An AJD is defined in Corps regulations at 33 CFR 331.2. A definitive, official determination that there are, or that there are not, jurisdictional aquatic resources on a parcel.

I am unclear as to what I would like to request and require additional information to inform my decision.

III. Property/Owner Information. Please complete ALL of the following information for the property under review: **SECTION 1** Parcel Number of Property: Long. -Lat. (in decimal degrees) Parcel Address: Parcel City: Zip: Parcel County: Linear feet Size of Review Area: Acre(s) **SECTION 2** LANDOWNER NAME **AUTHORIZED AGENT'S NAME** First: First: Last: Last: Company: Company: Email Address: **Email Address:** Address: Address: City: City: Zip: Zip: State: State: Phone: Phone: PROPERTY ACCESS PERMISSION, AKNOWLEDGEMENT OF 18 U.S.C. SECTION 10001 AND STATEMENT OF AGENT AUTHORIZATION By signing below, I certify that I am the owner of record of the property referenced in III, Section 1 above, and I hereby authorize representatives of

Initial ONLY One:

the U.S. Army Corps of Engineers, Savannah District, to enter the property for purposes of conducting on-site inspections, and issuing an aquatic resource delineation concurrence and/or a jurisdictional determination. My signature shall also be an affirmation that I possess the requisite property rights to request a delineation review and/or a jurisdictional determination on the property referenced in III - Section 1. Further, I authorize the agent in III - Section 2, to act on my behalf in the processing of this request and to furnish supplemental information in support of this request.

By signing below, I certify that I am acting as the duly authorized agent of the owner of record of the property referenced in III, Section 1 above, and have been given the authority to: 1) request a delineation review and/or a jurisdictional determination (JD) on the property referenced in III - Section 1, and 2) authorize representatives of the U.S. Army Corps of Engineers, Savannah District, to enter the property for purposes of conducting on-site inspections, and issuing an aquatic resource delineation concurrence and/or a jurisdictional determination. I understand that I may be required to provide documentary evidence of my authority to request a delineation review and/or JD, and/or to grant Corps of Engineers personnel access to the property.

Please Print Name Legibly:	

Signature

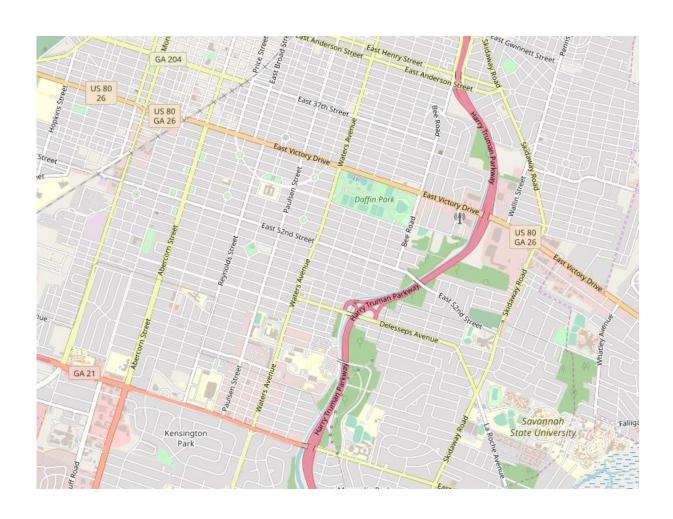
Principal Purpose: The information that you provide will be used in evaluating your request to determine whether there are any aquatic resources within the project area subject to federal jurisdiction under the regulatory authorities referenced above.

Routine Uses: This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public, and may be made available as part of a public notice as required by federal law. Your name and property location where federal jurisdiction is to be determined will be included in the approved jurisdictional determination (AJD), which will be made available to the public on the District's website and on the Headquarters USACE website.

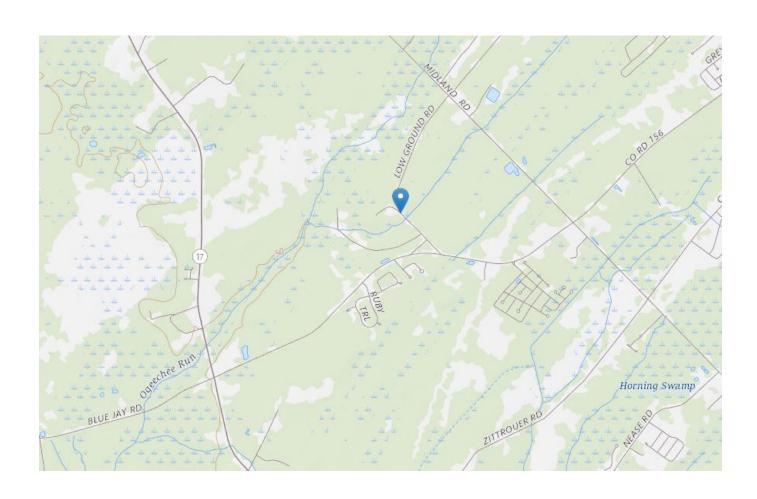
Disclosure: Submission of requested information is voluntary; however, if information is not provided, the request for an AJD cannot be evaluated nor can an AJD be issued.

Authorities: Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Marine Protection, Research, and Sanctuaries Act, Section 103, 33 USC 1413; Regulatory Program of the U.S. Army Corps of Engineers; Final Rule for 33 CFR Parts 320-332.

Street Map Inserted/Project Location Map Inserted



USGS Map Inserted of Project Location



Soils Map Inserted of Project Location



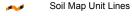
MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Points

Special Point Features

Blowout

Borrow Pit

Clay Spot

Closed Depression

Gravel Pit

... Gravelly Spot

Landfill

Lava Flow

Marsh or swamp

Mine or Quarry

Miscellaneous Water

Perennial Water

Rock Outcrop

→ Saline Spot

Sandy Spot

Severely Eroded Spot

Sinkhole

Slide or Slip

LOLIND

Spoil Area

Stony Spot

Very Stony Spot

Wet Spot
 Other
 Othe

Special Line Features

Water Features

Δ

Streams and Canals

Transportation

Rails

Interstate Highways

US Routes

Major Roads

Local Roads

Background

Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24.000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Effingham County, Georgia Survey Area Data: Version 12, Aug 30, 2018

Soil map units are labeled (as space allows) for map scales 1:50.000 or larger.

Date(s) aerial images were photographed: Aug 21, 2014—Nov 23, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
LnA	Leon sand, 0 to 2 percent slopes	3.2	44.2%
PeA	Pelham loamy sand, 0 to 2 percent slopes	0.0	0.1%
RgA	Rigdon sand, 0 to 2 percent slopes	4.1	55.7%
Totals for Area of Interest	•	7.3	100.0%



U.S. Fish and Wildlife Service

National Wetlands Inventory

nwimap



January 31, 2019

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Other

Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Survey Exhibit Example BLACK BANKS RIVER TRACT VIII TRACT IX ATLANTIC Received OCT 0 9 2015 GA DNR/HMP

GPS Exhibit Example Project Boundary (71.46 acres) Sub-meter GPS Data Jurisdictional Wetlands (21.84 acres) Non-Jurisdictional Upland Dug Ditch Centerline (1,954 linear feet) Non-Jurisdictional Upland Dug Ditch (0.46 acres) Non-Jurisdictional Upland Dug Borrow Pit (13.64 acres) Borrow Pit 1 Source(s): ESI Sub-meter GPS Data (Nov. 2018); NAIP Aerial 4.34 acres Imagery, Camden County (2017) Disclaimer: The information depicted on this figure is for conceptual purposes only, serves to aid a licensed engineer or geologist in rendering professional services, and is subject to review and approval by appropriate regulatory ager Wetland 1 0.65 acres Borrow Pit 3 0.76 acres Borrow Pit 2 3.45 acres Wetland 4 Wetland 2 3.88 acres 15.65 acres Borrow Pit 4 3.81 acres Wetland 5 0.14 acres Wetland 3 1.52 acres Borrow Pit 5 1.28 acres GPS Exhibit Example

Line Data GPS

Wetland 1

W Chanu 1		
-81.856918		
-81.856928		
-81.856975		
-81.857055		
-81.857058		
-81.85716		
-81.857208		
-81.85696		
-81.856908		
-81.856846		
-81.85679		
-81.856872		
-81.856969		
-81.857067		
-81.857145		
-81.857059		
-81.85693		
-81.856827		
-81.856754		
-81.85671		
-81.856752		
-81.856877		
-81.856896		
-81.856812		
-81.856689		

Wetland 2

wettand 2		
30.8540784	-81.860043	
30.8542155	-81.860038	
30.854361	-81.860023	
30.854498	-81.860128	
30.8546624	-81.860221	
30.8546999	-81.860358	
30.8546275	-81.860551	
30.8546311	-81.860637	
30.8544979	-81.860735	
30.8545189	-81.860816	
30.8546222	-81.860914	
30.8547204	-81.860836	
30.85479	-81.86092	
30.8548346	-81.860734	
30.8549809	-81.860793	
30.8551548	-81.860883	
30.8551128	-81.861112	
30.8552086	-81.860986	
30.8552197	-81.860943	
30.855034	-81.861128	
30.8549329	-81.861195	
30.8548465	-81.861287	
30.8548884	-81.861383	
30.8549123	-81.861519	
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30.8551715	-81.86146	

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30.8565561	-81.860502
30.8564441	-81.860647
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30.8576104	-81.86069
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30.8575883	-81.860456
30.8576068	-81.860309
30.8576575	-81.860134
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30.8578143	-81.859658
30.8577517	-81.85977
30.8576108	-81.859887
30.8577892	-81.859535
30.8578356	-81.859446
30.8579412	-81.859505
30.853823	-81.860133

Wetland 3

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30.854333	-81.85972	
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30.8546045	-81.859659	
30.8545737	-81.859574	
30.8545512	-81.859495	
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30.8545852	-81.859292	
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30.8549188	-81.8 58 4 X 9	
30.8549224	-81.858388	
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30.853947	-81.85893	
30.8539099	-81.858761	
30.8539301	-81.858638	
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30.8537545	-81.858504	
30.8537295	-81.85921	
30.8538044	-81.859323	
30.8538901	-81.859271	
30.8539715	-81.85923	
30.8539608	-81.85932	
30.8540789	-81.85937	
30.8541354	-81.859352	
30.8542165	-81.859364	
30.8543397	-81.859437	
30.8543447	-81.859367	
30.8543435	-81.859538	
Wetland 4		

Wetland 4

30.855857 -81.857769 30.8557829 -81.857605 30.8557621 -81.857473 30.8557293 -81.857328 30.8558249 -81.857336 30.8559078 -81.857254 30.8558512 -81.857122 30.8559621 -81.856894 30.8558231 -81.856898 30.855693 -81.856856 30.8557237 -81.856604 30.8557787 -81.856638 30.8549821 -81.856695 30.8549611 -81.856881 30.8549661 -81.857205 30.854884 -81.857085
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30.8551388 -81.856695

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3	3048557827	-81.857945
2	30.8555926	-81.858097
	30.8554942	-81.858138
3	30.8553799	-81.858225
3	30.8551838	-81.858179
Ī	30.8552883	-81.858086
3	30.8552308	-81.858018
5	30.8552448	-81.857843
Ī	30.8553494	-81.857804
	30.8553231	-81.857659
3	30.8553095	-81.857417
Ī	30.8551959	-81.85734
3	30.8550564	-81.857338
)	30.8548979	-81.857355
Ī	30.8547922	-81.857395
_	30.8547432	-81.857547
3	30.8547267	-81.85761
1	30.8546454	-81.857701
3	30.8545563	-81.857863
2	30.8544436	-81.857929
7	30.8546271	-81.857872
2	30.8543508	-81.858011
ī	30.8540216	-81.85791
7	30.8542029	-81.858002
7	30.853817	-81.85792
3	30.8536772	-81.857893
	30.8535876	-81.857592
	30.8537174	-81.857651
5	30.8538692	-81.857655
)	30.8540436	-81.857627
5	30.8540911	-81.857456
3	30.8542499	-81.857454
3	30.8543585	-81.857428
5	30.8544917	
1	30.8545852	-81.857234
_	30.8546653	-81.857131
<u>2</u> 3 5	30.8547335	-81.856952
1	30.8546938	-81.856868
1	30.8547314	-81.85674
il	30.8547037	-81.856638
3	50.0577057	01.050050

Wetland 5

30.8535351	-81.857173
30.8535736	-81.85708
30.8536613	-81.856953
30.8537868	-81.856871
30.853896	-81.856764
30.8539383	-81.85664

GPS Form

US Army Corps of Engineers Savannah District, Regulatory Division Global Positioning Systems (GPS) Datasheet Delineation of Wetlands, Streams and Other Waters Within the State of Georgia

USACE File Number	Date of Delineation 8/8/2018
Name of Delineator Present	
Make and Model of GPS Device Used (m Trimble Geo7x (H-Star, I	• • • • • • • • • • • • • • • • • • • •
Geographic Coordinate System Used NAE	D 1983 StatePlane Georgia East FIPS (US Feet)
Name of Continually Operated Reference CORS, TIFTON (GATF), GEORGI	Station Used for Post-processing IA (ITRF00 (1997)-Derived from IGS08 (NEW))
Date Post-processing Performed 11/15	5/2018
Percent Dilution of Position (PDOP) (6 or	r less is required) Max PDOP set to 6
Name and Coordinates of Known Property	y Corner and/or Monument
GPS Reading of Known Property Corner a	and/or Monument
Frequency of Waypoints Taken During Su	urvey_N/A

Note: GPS data must be provided, if requested. If GPS data and/or a GPS delineation is determined unacceptable by the Savannah District, a survey sealed by a surveyor licensed in Georgia will be required.

Approximate Wetland Sketch Project Area: +/- 12.2 Acres Upland: +/- 5.9 Acres Wetland: +/- 6.3 Acres Upland Datapoint Wetland Datapoint NOTE: THIS SKETCH REPRESENTS AN APPROXIMATION OF THE WETLAND LIMITS AND HAS NOT BEEN SURVEYED OR

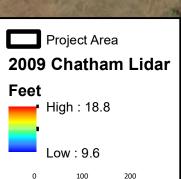
Approximate Wetland Sketch

Color/Infared Map of Project Location



LiDAR example Project Area

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



LiDAR Example

WETLAND DETERMINATION DATA FORM – Atlantic and Gulf Coastal Plain Region

Project/Site:		City/C	ounty:			Sampling Date: _	
Applicant/Owner:					State:	Sampling Point: _	
Investigator(s):		Section	on. Township. Ra	ange:			
Landform (hillslope, terrace, etc.							
Subregion (LRR or MLRA):							
Soil Map Unit Name:				_			
Are climatic / hydrologic conditio						•	
Are Vegetation, Soil		-			•	resent? Yes	No
Are Vegetation, Soil	, or Hydrology _	naturally problema	atic? (If no	eeded, e	explain any answe	s in Remarks.)	
SUMMARY OF FINDINGS	3 - Attach site	e map showing sam	npling point l	locatio	ns, transects	, important fea	atures, etc.
Hydrophytic Vegetation Presen	it? Ves	No					
Hydric Soil Present?		No	Is the Sample				
Wetland Hydrology Present?		No	within a Wetla	ınd?	Yes	No	
Remarks:							
HYDROLOGY							
Wetland Hydrology Indicator	<u> </u>				Secondary Indica	tors (minimum of to	wo required)
Primary Indicators (minimum of		heck all that annly)			Surface Soil	•	<u>wo required)</u>
Surface Water (A1)	-	Aquatic Fauna (B13)				getated Concave S	turface (B8)
High Water Table (A2)		Marl Deposits (B15) (LRF	S (I)		Drainage Pat		unace (bo)
Saturation (A3)		Hydrogen Sulfide Odor (C			Moss Trim Li		
Water Marks (B1)		Oxidized Rhizospheres a	•	ts (C3)		Water Table (C2)	
Sediment Deposits (B2)		Presence of Reduced Iron		()	Crayfish Burr		
Drift Deposits (B3)		Recent Iron Reduction in)		sible on Aerial Ima	gery (C9)
Algal Mat or Crust (B4)		Thin Muck Surface (C7)			Geomorphic	Position (D2)	
Iron Deposits (B5)		Other (Explain in Remark	(s)		Shallow Aqui	tard (D3)	
Inundation Visible on Aeria	l Imagery (B7)				FAC-Neutral		
Water-Stained Leaves (B9)				Sphagnum m	noss (D8) (LRR T,	U)
Field Observations:							
Surface Water Present?		Depth (inches):					
Water Table Present?		Depth (inches):					
Saturation Present? (includes capillary fringe)	Yes No	Depth (inches):	W	etland H	lydrology Presen	t? Yes	No
Describe Recorded Data (stream	m gauge, monitori	ng well, aerial photos, pre	vious inspections	s), if ava	ilable:		
Remarks:							
Ĭ							ļ.

EGETATION (Five Strata) – Use scientific r	·	Sampling Point:
Free Stretum (Diet eizer	Absolute Dominant Indicator	Dominance Test worksheet:
Free Stratum (Plot size:)	% Cover Species? Status	Number of Dominant Species
		That Are OBL, FACW, or FAC: (A)
		Total Number of Dominant
		Species Across All Strata: (B)
•		Percent of Dominant Species
i		That Are OBL, FACW, or FAC: (A/E
i		Prevalence Index worksheet:
	= Total Cover	Total % Cover of: Multiply by:
50% of total cover:	20% of total cover:	
apling Stratum (Plot size:)		OBL species x 1 =
·		FACW species x 2 =
		FAC species x 3 =
·		FACU species x 4 =
·		UPL species x 5 =
u		Column Totals: (A) (B
		Prevalence Index = B/A =
	= Total Cover	Hydrophytic Vegetation Indicators:
50% of total cover:	20% of total cover:	1 - Rapid Test for Hydrophytic Vegetation
Shrub Stratum (Plot size:)		2 - Dominance Test is >50%
·		2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹
3.		Problematic Hydrophytic Vegetation ¹ (Explain)
		1
ł		¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
5		Definitions of Five Vegetation Strata:
S		Definitions of Five Vegetation Strata.
F00/ - 54-4-1	= Total Cover	Tree – Woody plants, excluding woody vines,
·	20% of total cover:	approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).
Herb Stratum (Plot size:)		(1.10 str.) or ranger an arameter at 2.000 more (2.21.).
		Sapling – Woody plants, excluding woody vines,
2		approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.
3		,
l		Shrub – Woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.
j		approximately 3 to 20 ft (1 to 6 fff) in height.
)		Herb – All herbaceous (non-woody) plants, including
		herbaceous vines, regardless of size, <u>and</u> woody plants, except woody vines, less than approximately
B		3 ft (1 m) in height.
)		Woody vine – All woody vines, regardless of height.
0		Woody vine – All woody vines, regardless of fielgrit.
1		
	= Total Cover	
50% of total cover:	20% of total cover:	
Noody Vine Stratum (Plot size:)		
2.		
3.		
· 		
5	= Total Cover	Hydrophytic Vegetation
EOO/ of total accom		Present? Yes No
50% of total cover:	20% of total cover:	

SOIL							Sampling Point:
	cription: (Describe to the d	-			or confirm	n the absence of	indicators.)
Depth (inches)	Matrix Color (moist) %	Red Color (moist)	lox Feature %	es Type ¹	Loc²	Texture	Remarks
(Inches)	Color (moist) 70	Color (moist)		Туре		Texture	Remarks
		_					
							
	<u> </u>						
		_					
	·	_					
4	· - <u></u>						
•	Concentration, D=Depletion, F				ains.	Location: PL	=Pore Lining, M=Matrix.
Hyarıc Sol				41 \		las disentence form	Double to the United States On the 3
•	Indicators: (Applicable to			•			Problematic Hydric Soils ³ :
Histoso	ol (A1)	Polyvalue B	Below Surfa	ace (S8) (L		J) 1 cm Muc	k (A9) (LRR O)
Histoso	ol (A1) Epipedon (A2)	Polyvalue B Thin Dark S	Below Surfa Burface (S	ace (S8) (L 9) (LRR S ,	T, U)	J) 1 cm Muc 2 cm Muc	k (A9) (LRR O) k (A10) (LRR S)
Histoso Histic E Black H	ol (A1) Epipedon (A2) Histic (A3)	Polyvalue B Thin Dark S Loamy Muc	Below Surf Burface (SS cky Minera	ace (S8) (L 9) (LRR S, I (F1) (LRF	T, U)	J) 1 cm Muc 2 cm Muc Reduced \	k (A9) (LRR O) k (A10) (LRR S) Vertic (F18) (outside MLRA 150A,B
Histoso Histic E Black F Hydrog	ol (A1) Epipedon (A2) distic (A3) en Sulfide (A4)	Polyvalue B Thin Dark S Loamy Muc Loamy Gley	Below Surfa Burface (SS cky Minera yed Matrix	ace (S8) (L 9) (LRR S, I (F1) (LRF	T, U)	J) 1 cm Muc 2 cm Muc Reduced \(\) Piedmont	k (A9) (LRR O) k (A10) (LRR S) Vertic (F18) (outside MLRA 150A,B Floodplain Soils (F19) (LRR P, S, T)
Histoso Histic E Black H Hydrog Stratifie	ol (A1) Epipedon (A2) Histic (A3) en Sulfide (A4) ed Layers (A5)	Polyvalue B Thin Dark S Loamy Muc Loamy Gley Depleted M	Below Surfa Burface (SS cky Minera yed Matrix latrix (F3)	ace (S8) (L 9) (LRR S, 1 (F1) (LRF (F2)	T, U)	J) 1 cm Muc 2 cm Muc Reduced \ Piedmont Anomalou	k (A9) (LRR O) k (A10) (LRR S) Vertic (F18) (outside MLRA 150A,B Floodplain Soils (F19) (LRR P, S, T) s Bright Loamy Soils (F20)
Histoso Histic E Black F Hydrog Stratifie	ol (A1) Epipedon (A2) Histic (A3) En Sulfide (A4) Ed Layers (A5) Ed Bodies (A6) (LRR P, T, U)	Polyvalue B Thin Dark S Loamy Muc Loamy Gley Depleted M Redox Dark	Below Surfa Burface (SS cky Minera yed Matrix latrix (F3) & Surface (ace (S8) (L 9) (LRR S, 1 (F1) (LRR (F2)	T, U)	J) 1 cm Muc 2 cm Muc Reduced \(\) Piedmont Anomalou (MLRA	k (A9) (LRR O) k (A10) (LRR S) Vertic (F18) (outside MLRA 150A,B Floodplain Soils (F19) (LRR P, S, T) s Bright Loamy Soils (F20)
Histoso Histic E Black F Hydrog Stratifie	ol (A1) Epipedon (A2) Histic (A3) en Sulfide (A4) ed Layers (A5)	Polyvalue B Thin Dark S Loamy Muc Loamy Gley Depleted M Redox Dark	Below Surfa Burface (SS cky Minera yed Matrix latrix (F3) & Surface (ace (S8) (L 9) (LRR S, 1 (F1) (LRR (F2)	T, U)	J) 1 cm Muc 2 cm Muc Reduced \(\) Piedmont Anomalou (MLRA Red Parei	k (A9) (LRR O) k (A10) (LRR S) Vertic (F18) (outside MLRA 150A,B Floodplain Soils (F19) (LRR P, S, T) s Bright Loamy Soils (F20) 153B) nt Material (TF2)
Histoso Histic E Black F Hydrog Stratific Organic 5 cm M	ol (A1) Epipedon (A2) Histic (A3) En Sulfide (A4) Ed Layers (A5) Ed Bodies (A6) (LRR P, T, U)	Polyvalue B Thin Dark S Loamy Muc Loamy Gley Depleted M Redox Dark	Below Surfa Surface (SS Sky Minera yed Matrix latrix (F3) & Surface (ark Surfac	ace (S8) (L (S8) (LRR S, (F1) (LRF (F2) (F2) (F6) (F7)	T, U)	J) 1 cm Muc 2 cm Muc Reduced \(\) Piedmont Anomalou (MLRA Red Parei	k (A9) (LRR O) k (A10) (LRR S) Vertic (F18) (outside MLRA 150A,B Floodplain Soils (F19) (LRR P, S, T) s Bright Loamy Soils (F20)
Histosc Histic E Black H Hydrog Stratifie Organi 5 cm M Muck F	ol (A1) Epipedon (A2) Histic (A3) En Sulfide (A4) Ed Layers (A5) Ed Bodies (A6) (LRR P, T, U) Hucky Mineral (A7) (LRR P, T, T, T)	Polyvalue B Thin Dark S Loamy Muc Loamy Gley Depleted M Redox Dark U) Depleted Dark	Below Surfa Surface (SS sky Minera yed Matrix latrix (F3) & Surface (ark Surfac ressions (I	ace (S8) (L (S8) (LRR S, (F1) (LRF (F2) (F2) (F6) (F7)	T, U)	J) 1 cm Muc 2 cm Muc Reduced \(\) Piedmont Anomalou (MLRA Red Parel Very Shal	k (A9) (LRR O) k (A10) (LRR S) Vertic (F18) (outside MLRA 150A,B Floodplain Soils (F19) (LRR P, S, T) s Bright Loamy Soils (F20) 153B) nt Material (TF2)
Histoso Histic E Black F Hydrog Stratific Organic 5 cm M Muck F 1 cm M	ol (A1) Epipedon (A2) Histic (A3) en Sulfide (A4) ed Layers (A5) c Bodies (A6) (LRR P, T, U) Hucky Mineral (A7) (LRR P, T, T, T) Presence (A8) (LRR U)	Polyvalue B Thin Dark S Loamy Muc Loamy Gley Depleted M Redox Dark U) Depleted Da Redox Depleted Da	Below Surfa Surface (SS Sky Minera yed Matrix latrix (F3) & Surface (ark Surfac ressions (I (LRR U)	ace (S8) (L 9) (LRR S, (F1) (LRF (F2) F6) e (F7) F8)	T, U)	J) 1 cm Muc 2 cm Muc Reduced \(\) Piedmont Anomalou (MLRA Red Parel Very Shal	k (A9) (LRR O) k (A10) (LRR S) Vertic (F18) (outside MLRA 150A,B Floodplain Soils (F19) (LRR P, S, T) s Bright Loamy Soils (F20) 153B) nt Material (TF2) low Dark Surface (TF12)
Histosc Histic E Black F Hydrog Stratifie Organi 5 cm M Muck F 1 cm N Deplete	ol (A1) Epipedon (A2) distic (A3) en Sulfide (A4) ed Layers (A5) c Bodies (A6) (LRR P, T, U) ducky Mineral (A7) (LRR P, T, Presence (A8) (LRR U) duck (A9) (LRR P, T)	Polyvalue B Thin Dark S Loamy Muc Loamy Gley Depleted M Redox Dark U) Depleted Da Redox Depl Marl (F10) (Below Surfa Surface (SS cky Minera yed Matrix latrix (F3) & Surface (ark Surface ressions (I (LRR U) chric (F11	ace (S8) (L 9) (LRR S, (F1) (LRF (F2) F6) e (F7) F8)	T, U) ? O) 51)	J) 1 cm Muc 2 cm Muc Reduced \ Piedmont Anomalou (MLRA Red Parei Very Shal Other (Ex	k (A9) (LRR O) k (A10) (LRR S) Vertic (F18) (outside MLRA 150A,B Floodplain Soils (F19) (LRR P, S, T) s Bright Loamy Soils (F20) 153B) nt Material (TF2) low Dark Surface (TF12)
Histosc Histic E Black F Hydrog Stratifie Organi 5 cm M Muck F 1 cm N Deplete Thick E	ol (A1) Epipedon (A2) distic (A3) en Sulfide (A4) ed Layers (A5) c Bodies (A6) (LRR P, T, U) lucky Mineral (A7) (LRR P, T, Presence (A8) (LRR U) luck (A9) (LRR P, T) ed Below Dark Surface (A11)	Polyvalue B Thin Dark S Loamy Muc Loamy Gley Depleted M Redox Dark U) Depleted Dark Redox Depl Marl (F10) (Depleted Or Iron-Manga	Below Surface (SScky Mineralyed Matrix (F3) & Surface (ark Surface ressions (ICRR U) chric (F11 unese Mass	ace (S8) (L 9) (LRR S, (F1) (LRF (F2) F6) e (F7) F8) (MLRA 1: ses (F12) (T, U) ? O) 51) LRR O, P,	J) 1 cm Muc 2 cm Muc Reduced \(\) Piedmont Anomalou (MLRA Red Paret Very Shal Other (Ext	k (A9) (LRR O) k (A10) (LRR S) Vertic (F18) (outside MLRA 150A,B Floodplain Soils (F19) (LRR P, S, T) s Bright Loamy Soils (F20) 153B) ht Material (TF2) low Dark Surface (TF12) blain in Remarks)
Histosc Histic E Black F Hydrog Stratifie Organi 5 cm M Muck F 1 cm M Deplete Thick E	pl (A1) Epipedon (A2) distic (A3) en Sulfide (A4) ed Layers (A5) c Bodies (A6) (LRR P, T, U) lucky Mineral (A7) (LRR P, T, Presence (A8) (LRR U) luck (A9) (LRR P, T) ed Below Dark Surface (A11) Park Surface (A12)	Polyvalue B Thin Dark S Loamy Muc Loamy Gley Depleted M Redox Dark U) Depleted Dark Redox Depl Marl (F10) (Depleted Or Iron-Manga Umbric Surf	Below Surface (SScky Mineral yed Matrix (F3) & Surface (ark Surface ressions (ICRR U) etchric (F11 inese Massiface (F13)	ace (S8) (L 6) (LRR S, (F1) (LRF (F2) F6) e (F7) =8)) (MLRA 1: ses (F12) ((LRR P, T	T, U) ? O) 51) LRR O, P,	J) 1 cm Muc 2 cm Muc Reduced \(\) Piedmont Anomalou (MLRA Red Parei Very Shal Other (Exp. T) \(\) Indicato wetland	k (A9) (LRR O) k (A10) (LRR S) Vertic (F18) (outside MLRA 150A,B Floodplain Soils (F19) (LRR P, S, T) s Bright Loamy Soils (F20) 153B) nt Material (TF2) low Dark Surface (TF12) plain in Remarks) rs of hydrophytic vegetation and
Histosc Histic E Black I Hydrog Stratifie Organi 5 cm M Muck F 1 cm M Deplete Thick E Coast I Sandy	pol (A1) Epipedon (A2) Histic (A3) En Sulfide (A4) Ed Layers (A5) Ed Bodies (A6) (LRR P, T, U) Hucky Mineral (A7) (LRR P, T, Presence (A8) (LRR U) Huck (A9) (LRR P, T) Ed Below Dark Surface (A11) Prairie Redox (A16) (MLRA 15)	Polyvalue B Thin Dark S Loamy Muc Loamy Gley Depleted M Redox Dark U) Depleted Dark Redox Depl Marl (F10) (Depleted Or Iron-Manga Umbric Surf	Below Surface (SScky Mineral yed Matrix (F3) & Surface (ark Surface (F11) which is the surface (F11) anese Massiface (F17) (M)	ace (S8) (L 9) (LRR S, (F1) (LRF (F2) F6) e (F7) =8)) (MLRA 1 ses (F12) ((LRR P, T LRA 151)	T, U) ? O) 51) LRR O, P,	J) 1 cm Muc 2 cm Muc Reduced \(\) Piedmont Anomalou (MLRA Red Parei Very Shal Other (Exp T) \(\) Indicato wetland unless	k (A9) (LRR O) k (A10) (LRR S) Vertic (F18) (outside MLRA 150A,B Floodplain Soils (F19) (LRR P, S, T) s Bright Loamy Soils (F20) 153B) nt Material (TF2) low Dark Surface (TF12) lolain in Remarks) rs of hydrophytic vegetation and d hydrology must be present,

___ Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D)

Remarks:

Type: _____ Depth (inches): _

___ Stripped Matrix (S6)

Restrictive Layer (if observed):

_ Dark Surface (S7) (LRR P, S, T, U)

Hydric Soil Present? Yes _

WETLAND DETERMINATION DATA FORM – Eastern Mountains and Piedmont Region

Project/Site:		City/C	County:	;	Sampling Date:	
Applicant/Owner:				State:	Sampling Point:	
Investigator(s):		Secti	on. Township. Range:			
					Slope (%):	
					Datum:	
			_			
					tion:	
Are climatic / hydrologic condi						
Are Vegetation, Soil				Circumstances" pro	esent? Yes No	
Are Vegetation, Soil	, or Hydrology	naturally problem	atic? (If needed, e	xplain any answers	in Remarks.)	
SUMMARY OF FINDIN	GS – Attach si	te map showing san	npling point locatio	ns, transects,	important features, etc.	
Hadran India Wanakatian Day	40	M.				
Hydrophytic Vegetation Pres Hydric Soil Present?		No No	Is the Sampled Area			
Wetland Hydrology Present?		No	within a Wetland?	Yes		
Remarks:		110				
rtomanto.						
HYDROLOGY						
Wetland Hydrology Indicat					ors (minimum of two required)	
Primary Indicators (minimum	of one is required;			Surface Soil C	` '	
Surface Water (A1) True Aquatic Plants (B14)				Sparsely Vegetated Concave Surface (B8)		
High Water Table (A2)		Hydrogen Sulfide Od		Drainage Patte		
Saturation (A3)		Oxidized Rhizospher	=	Moss Trim Lin		
Water Marks (B1)Sediment Deposits (B2)		Presence of Reduced Recent Iron Reduction		Crayfish Burro	/ater Table (C2)	
Drift Deposits (B3)		Thin Muck Surface (-	ible on Aerial Imagery (C9)	
Algal Mat or Crust (B4)		Other (Explain in Rei			essed Plants (D1)	
Iron Deposits (B5)		Outer (2/press in 1 ter		Geomorphic P	i i	
Inundation Visible on Ae	rial Imagery (B7)			Shallow Aquita		
Water-Stained Leaves (I	39)			Microtopograp	hic Relief (D4)	
Aquatic Fauna (B13)				FAC-Neutral T	est (D5)	
Field Observations:						
Surface Water Present?	Yes No _	Depth (inches):				
Water Table Present?		Depth (inches):				
Saturation Present?	Yes No _	Depth (inches):	Wetland H	ydrology Present	? Yes No	
(includes capillary fringe) Describe Recorded Data (str	eam gauge, monito	ring well, aerial photos, pre	 evious inspections). if avai	ilable:		
,	3 3 7	J / 1 /1	, ,,			
Remarks:						

er Dominant Indicer Species? Sta	Number of Dominant Species That Are OBL, FACW, or FAC: Total Number of Dominant Species Across All Strata: Percent of Dominant Species That Are OBL, FACW, or FAC: Prevalence Index worksheet: Total % Cover of: Multiply b OBL species x 1 = FACW species x 2 = FAC species x 3 = FACU species x 4 = UPL species x 5 = Column Totals: (A) Prevalence Index = B/A = Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations¹ (Provide data in Remarks or on a separate shaped problematic Hydrophytic Vegetation¹ (E	(B) (A/B (A/B (B) (B) (B) (B) (B) (B) (C) (C) (C) (C) (C) (D) (D) (D) (D) (D) (D) (D) (D) (D) (D
= Total Cover of total cover: = Total Cover of total cover:	That Are OBL, FACW, or FAC: Total Number of Dominant Species Across All Strata: Percent of Dominant Species That Are OBL, FACW, or FAC: Prevalence Index worksheet: Total % Cover of: Multiply b OBL species x 1 = FACW species x 2 = FAC species x 3 = FACU species x 4 = UPL species Column Totals: (A) Prevalence Index = B/A = Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations¹ (Provided data in Remarks or on a separate sheep problematic Hydrophytic Vegetation¹ (E	(B) (A/B (A/B (B) (B) (B) (B) (B) (B) (C) (C) (C) (C) (C) (D) (D) (D) (D) (D) (D) (D) (D) (D) (D
= Total Cover of total cover: = Total Cover of total cover:	Total Number of Dominant Species Across All Strata: Percent of Dominant Species That Are OBL, FACW, or FAC: Prevalence Index worksheet:	(A/B
_ = Total Cover of total cover: = Total Cover of total cover:	Species Across All Strata: Percent of Dominant Species That Are OBL, FACW, or FAC: Prevalence Index worksheet: Total % Cover of: Multiply b OBL species x 1 = FACW species x 2 = FAC species x 3 = FACU species x 4 = UPL species x 5 = Column Totals: (A) Prevalence Index = B/A = Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations¹ (Provided data in Remarks or on a separate sheep Problematic Hydrophytic Vegetation¹ (E	(A/B
= Total Cover of total cover: = Total Cover of total cover:	Percent of Dominant Species That Are OBL, FACW, or FAC: Prevalence Index worksheet:	(A/B
= Total Cover of total cover: = Total Cover of total cover:	That Are OBL, FACW, or FAC: Prevalence Index worksheet: Total % Cover of:	on (B)
_ = Total Cover of total cover: = Total Cover = Total Cover of total cover:	Prevalence Index worksheet:	on (B)
= Total Cover of total cover: = Total Cover of total cover:	Prevalence Index worksheet:	on (B)
_ = Total Cover	OBL species	on (B)
_ = Total Cover:	FACW species x 2 = FAC species x 3 = FACU species x 4 = UPL species x 5 = Column Totals: (A) Prevalence Index = B/A = Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations¹ (Provided data in Remarks or on a separate shape Problematic Hydrophytic Vegetation¹ (E	on (B)
= Total Cover	FACW species x 2 = FAC species x 3 = FACU species x 4 = UPL species x 5 = Column Totals: (A) Prevalence Index = B/A = Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations¹ (Provided data in Remarks or on a separate shape Problematic Hydrophytic Vegetation¹ (E	on (B)
_ = Total Cover	FAC species x 3 =	on (B)
_ = Total Cover	FACU species x 4 =	on (B)
_ = Total Cover	UPL species x 5 =	on (B)
= Total Cover of total cover:	Column Totals: (A)	on e supportin
_ = Total Cover o of total cover:	Prevalence Index = B/A =	on e supportin
= Total Cover	Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations¹ (Provided data in Remarks or on a separate should be problematic Hydrophytic Vegetation¹ (E	on e supportin neet)
= Total Cover of total cover:	Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations¹ (Provided data in Remarks or on a separate shape problematic Hydrophytic Vegetation¹ (E	on e supportin neet)
= Total Cover of total cover:	1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations¹ (Provided data in Remarks or on a separate should be problematic Hydrophytic Vegetation¹ (E	e supportin neet)
_ = Total Cover of total cover:	2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations¹ (Provide data in Remarks or on a separate sh Problematic Hydrophytic Vegetation¹ (E	e supportin neet)
_ = Total Cover of total cover:	3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations¹ (Provide data in Remarks or on a separate sh Problematic Hydrophytic Vegetation¹ (E	neet)
_ = Total Cover of total cover:	4 - Morphological Adaptations¹ (Provide data in Remarks or on a separate sh	neet)
of total cover:	data in Remarks or on a separate sh Problematic Hydrophytic Vegetation ¹ (E	neet)
	data in Remarks or on a separate sh Problematic Hydrophytic Vegetation ¹ (E	,
		Explain)
	I Indicators of hydric soil and welland hydroid	
	Definitions of Four Vegetation Strata:	
	Tree – Woody plants, excluding vines, 3 in	(7.6 cm) o
	more in diameter at breast height (DBH), re	
	height.	
	Sanling/Shrub - Woody plants, excluding y	vines less
	than 3 in. DBH and greater than or equal to	
	m) tall.	
	Herb – All herbaceous (non-woody) plants	regardless
_ = Total Cover	of size, and woody plants less than 3.28 ft to	
of total cover:	Mandy vine All woody vines greater then	2 20 ft in
		1 3.28 II IN
or total cover:		
	= Total Cover of total cover:	Tree – Woody plants, excluding vines, 3 in. more in diameter at breast height (DBH), re height. Sapling/Shrub – Woody plants, excluding than 3 in. DBH and greater than or equal to m) tall. Herb – All herbaceous (non-woody) plants, of size, and woody plants less than 3.28 ft to woody vine – All woody vines greater than height. Hydrophytic Vegetation

SOIL Sampling Point: _ Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) <u>Matrix</u> Depth Redox Features Texture Color (moist) Color (moist) % Type¹ (inches) ²Location: PL=Pore Lining, M=Matrix. ¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. Hydric Soil Indicators: Indicators for Problematic Hydric Soils³: ___ 2 cm Muck (A10) (MLRA 147) ___ Histosol (A1) ___ Dark Surface (S7) ___ Histic Epipedon (A2) Polyvalue Below Surface (S8) (MLRA 147, 148) Coast Prairie Redox (A16) ___ Black Histic (A3) ___ Thin Dark Surface (S9) (MLRA 147, 148) (MLRA 147, 148) ___ Hydrogen Sulfide (A4) ___ Loamy Gleyed Matrix (F2) Piedmont Floodplain Soils (F19) ___ Stratified Layers (A5) ___ Depleted Matrix (F3) (MLRA 136, 147) ___ 2 cm Muck (A10) (LRR N) ___ Redox Dark Surface (F6) Very Shallow Dark Surface (TF12) ___ Depleted Below Dark Surface (A11) ___ Depleted Dark Surface (F7) ___ Other (Explain in Remarks) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) (LRR N, ___ Iron-Manganese Masses (F12) (LRR N, MLRA 147, 148) MLRA 136) Sandy Gleyed Matrix (S4) _ Umbric Surface (F13) (MLRA 136, 122) ³Indicators of hydrophytic vegetation and ___ Sandy Redox (S5) ___ Piedmont Floodplain Soils (F19) (MLRA 148) wetland hydrology must be present, unless disturbed or problematic. Stripped Matrix (S6) Red Parent Material (F21) (MLRA 127, 147) Restrictive Layer (if observed): Type: Hydric Soil Present? Depth (inches): _ Yes Remarks:

DFIRM Map of Project Location

Page 1 of 1 Risk Snapshot

3246 Low Ground Rd, Guyton, GA 31312





Current Flood Zone: *Probabibility of Flooding: (30-Year Period) Base Flood Elevation: Lowest Adj Grade: Preliminary Flood Zone: Flood Zone Change Type:

Location Information

Wate
(
Commu
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lood Depths shown on this rep

* Flood Depths shown on this reprounded to the nearest tenth of a modeling and represent the best a watershed will have this data avai available. For more information, phttps://msc.fema.cov/portal/resou

Nature Does

Many peopl the floodplai 26% chance SFHA w

FOR MORE INFORMATION V

Legend with Flood Zone Designations

1% Flood - Floodway (High Risk)
1% Flood - Zone AE (High Risk)
1% Flood - Zone A, AH, or AO (HighRisk)
0.2% Flood - X-Shaded (Moderate Risk)
Area of Undertermined Flood Hazard Flood Control Structures
Base Flood Elevations Area Not Included Floodway Increase
100-Year Flood Zone Decrease - Cross Sections Letters of Map Revision - Coastal Transects Coastal Barrier Resource Area

Disclaimer: This data is not to be used to determine any base flood elevations or flood zone designations for NFIP (National Flood Insurance Program) purposes. For NFIP flood insurance and regulation purposes, please refer to the published effective concern. Values displayed for Current Flood Zone, Preliminary Flood Zone, Flood