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

Project/Site:		City/C	ounty:		_ Sampling Date:
Applicant/Owner:				State:	Sampling Point:
Investigator(s):					
Landform (hillslope, terrace, etc.): _					
Subregion (LRR or MLRA):					
Soil Map Unit Name:					
Are climatic / hydrologic conditions					
Are Vegetation, Soil					present? Yes No
Are Vegetation, Soil	, or Hydrology	_ naturally problema	atic? (If nee	ded, explain any answ	ers in Remarks.)
SUMMARY OF FINDINGS -	Attach site ma	p showing sam	pling point lo	cations, transects	s, important features, etc.
Hydrophytic Vegetation Present? Hydric Soil Present?	Yes	No	Is the Sampled A		No
Wetland Hydrology Present?  Remarks:	Yes	No			
HYDROLOGY					
Wetland Hydrology Indicators:				Secondary Indic	ators (minimum of two required)
Primary Indicators (minimum of on	e is required; check a	all that apply)		Surface Soi	l Cracks (B6)
Surface Water (A1)	Aquat		Sparsely Vegetated Concave Surface (B8)		
High Water Table (A2) Marl Deposits (B15) (LRR U) Drainage Patterns (B10)					atterns (B10)
Saturation (A3) Hydrogen Sulfide Odor (C1) Moss Trim Lines (B16)					ines (B16)
Water Marks (B1)		zed Rhizospheres a			Water Table (C2)
Sediment Deposits (B2) Presence of Reduced Iron (C4)				Crayfish Bu	` '
Drift Deposits (B3) Recent Iron Reduction in Tilled Soils (			Tilled Soils (C6)		/isible on Aerial Imagery (C9)
Algal Mat or Crust (B4) Thin Muck Surface (C7) Geomorphic Position (D2				, ,	
Iron Deposits (B5)		(Explain in Remark	(S)	Shallow Aqu	, ,
Inundation Visible on Aerial In Water-Stained Leaves (B9)	agery (B7)			FAC-Neutra	moss (D8) (LRR T, U)
Field Observations:				Spilagiluili	moss (Do) (LRK 1, U)
	s No [	Depth (inches):			
Water Table Present?       Yes       No       Depth (inches):         Saturation Present?       Yes       No       Depth (inches):		I .			
(includes capillary fringe)					
Describe Recorded Data (stream of	gauge, monitoring we	ll, aerial photos, pre	vious inspections),	if available:	
Damada					
Remarks:					

EGETATION (Five Strata) – Use scientific r	Abaalista Danibaant India	Daminana Tastumikaliti
ree Stratum (Plot size:)	Absolute Dominant Indicator <u>% Cover Species? Status</u>	
- Grand Control of the Control of th		That Are OBL, FACW, or FAC:(A)
<u> </u>		Total Number of Dominant
55 #1		Species Across All Strata: (B)
\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.		
		Percent of Dominant Species That Are OBL, FACW, or FAC: (A/
-		That Ale Obl., FACVV, of FAC.
***	Total Cover	Prevalence Index worksheet:
50% of total cover	20% of total cover:	Total % Cover of:Multiply by:
apling_Stratum (Plot size:)	20 % 61 total cover.	OBL species x 1 =
		FACW species x 2 =
		FAC species x 3 =
		FACU species x 4 =
•		UPL species x 5 =
· <del>s</del>		Column Totals: (A) (E
<i>fi</i>		Codum Totals. (A)
- 46		Prevalence Index = B/A =
	= Total Cover	Hydrophytic Vegetation Indicators:
50% of total cover:	20% of total cover:	1 - Rapid Test for Hydrophytic Vegetation
hrub Stratum (Plot size:)		2 - Dominance Test is >50%
•		3 - Prevalence Index is ≤3.0 <sup>1</sup>
- 41		Problematic Hydrophytic Vegetation¹ (Explain)
-		
		Indicators of hydric soil and wetland hydrology must
5.		be present, unless disturbed or problematic.
5.		Definitions of Five Vegetation Strata:
8	= Total Cover	
50% of total cover:	20% of total cover:	Tree – Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in.
erb Stratum (Plot size:)		(7.6 cm) or larger in diameter at breast height (DBH).
		Conline Mandy plants evaluding woods vince
		<ul> <li>Sapling – Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less</li> </ul>
		than 3 in. (7.6 cm) DBH.
		Shrub – Woody plants, excluding woody vines,
· ii		approximately 3 to 20 ft (1 to 6 m) in height.
•		€.
• 30		<ul> <li>Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody</li> </ul>
- 2		plants, except woody vines, less than approximately
* #:		3 ft (1 m) in height.
· <u>p</u>		Woody vine - All woody vines, regardless of height.
0		-
1		2
	= Total Cover	
50% of total cover:	20% of total cover:	.
Voody Vine Stratum (Plot size:)		
•		
· -		
		1
· <del>/</del>	- Table Control	- Hydrophytic Vegetation
	= Total Cover	Present? Yes No
50% of total cover:	20% of total cover:	

SOIL Sampling Point: \_\_\_\_\_

Profile Des	cription: (Describe to the de	pth needed to document the indicator or confi	irm the absence of indicators.)
Depth	Matrix	Redox Features	
(inches)	Color (moist) %	Color (moist) % Type <sup>1</sup> Loc <sup>2</sup>	
l ———			
l ———		· ———————	
l <del></del>		·	
l <del></del>		· ———————	<del> </del>
<sup>1</sup> Type: C=C	oncentration, D=Depletion, RN	M=Reduced Matrix, MS=Masked Sand Grains.	<sup>2</sup> Location: PL=Pore Lining, M=Matrix.
Hydric Soil	Indicators: (Applicable to a	ll LRRs, unless otherwise noted.)	Indicators for Problematic Hydric Soils <sup>3</sup> :
Histoso	(A1)	Polyvalue Below Surface (S8) (LRR S, T	Г, <b>U)</b> 1 cm Muck (A9) ( <b>LRR O</b> )
I —	pipedon (A2)	Thin Dark Surface (S9) (LRR S, T, U)	2 cm Muck (A10) (LRR S)
ı —	istic (A3)	Loamy Mucky Mineral (F1) (LRR O)	Reduced Vertic (F18) (outside MLRA 150A,B)
	en Sulfide (A4)	Loamy Gleyed Matrix (F2)	Piedmont Floodplain Soils (F19) (LRR P, S, T)
l —	d Layers (A5)	Depleted Matrix (F3)	Anomalous Bright Loamy Soils (F20)
Crganic	Bodies (A6) (LRR P, T, U)	Redox Dark Surface (F6)	(MLRA 153B)
5 cm Mi	ucky Mineral (A7) <b>(LRR P, T, l</b>	J) Depleted Dark Surface (F7)	Red Parent Material (TF2)
_	resence (A8) (LRR U)	Redox Depressions (F8)	Very Shallow Dark Surface (TF12)
	uck (A9) (LRR P, T)	Marl (F10) (LRR U)	Other (Explain in Remarks)
l .	d Below Dark Surface (A11)	Depleted Ochric (F11) (MLRA 151)	
I — ·	ark Surface (A12)	Iron-Manganese Masses (F12) (LRR O,	P, T) <sup>3</sup> Indicators of hydrophytic vegetation and
I —	` '		
l .		DA) Umbric Surface (F13) (LRR P, T, U)	wetland hydrology must be present,
	Mucky Mineral (S1) (LRR O, S	<del></del>	unless disturbed or problematic.
_	Gleyed Matrix (S4)	Reduced Vertic (F18) (MLRA 150A, 150	
Sandy F	Redox (S5)	Piedmont Floodplain Soils (F19) (MLRA	
Stripped	d Matrix (S6)	Anomalous Bright Loamy Soils (F20) (M	LRA 149A, 153C, 153D)
Dark Su	rface (S7) (LRR P, S, T, U)		
	Layer (if observed):		
	, (,		
		<del></del>	
Depth (in	ches):		Hydric Soil Present? Yes No
Remarks:			
1			