WETLAND DETERMINATION DATA FORM – Atlantic and Gulf Coastal Plain Region

Project/Site:		City/0	County:		Sampling Date:
Applicant/Owner:					
Investigator(s):					
Landform (hillslope, terrace, etc.);					
Subregion (LRR or MLRA):					
Soil Map Unit Name:					
Are climatic / hydrologic conditions					
Are Vegetation, Soil					
Are Vegetation, Soil					resent? Yes No
SUMMARY OF FINDINGS		- ·	•	explain any answe	ŕ
Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? Remarks:	Yes	No No No	Is the Sampled Area within a Wetland?		No
HYDROLOGY					
Wetland Hydrology Indicators:				Secondary Indica	tors (minimum of two required)
Primary Indicators (minimum of o	one is required; o	heck all that apply)		Surface Soil	' '
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Water-Stained Leaves (B9)		Aquatic Fauna (B13) Marl Deposits (B15) (LR Hydrogen Sulfide Odor (Oxidized Rhizospheres a Presence of Reduced Iro Recent Iron Reduction ir Thin Muck Surface (C7) Other (Explain in Remar	C1) along Living Roots (C3) on (C4) n Tilled Soils (C6)	Drainage Pat Moss Trim Li Dry-Season V Crayfish Burn Saturation Vi Geomorphic Shallow Aqui	nes (B16) Water Table (C2) ows (C8) sible on Aerial Imagery (C9) Position (D2) tard (D3)
Field Observations:			The second secon	opingmin	
Surface Water Present?	'es No _	Depth (inches):			·
		Depth (inches):			
	'es No _	Depth (inches):	Wetland	Hydrology Presen	t? Yes No
(includes capillary fringe) Describe Recorded Data (stream Remarks:	n gauge, monitor	ng well, aerial photos, pro	 evious inspections), if av	/ailable:	

ree Stratum (Plot size:)	Absolute Dominant Indicato <u>% Cover Species? Status</u>	Dominance Test worksheet:	
	70 Cover Species: Status	Number of Dominant Species That Are OBL, FACW, or FAC:	
		I otal Number of Dominant	
		Species Across All Strata: (I	
		Percent of Dominant Species That Are OBL, FACW, or FAC:(
		Prevalence Index worksheet:	
500/ offered	= Total Cover		
bling Stratum (Plot size:)	20% of total cover:	OBL species x1 =	
		FACW species x 2 =	
		FAC species x 3 =	
		FACU species x 4 =	
		UPL species x 5 =	
		Column Totals: (A)	
		-	
	= Total Cover	Prevalence Index = B/A =	
50% of total cover	20% of total cover:	Hydrophytic Vegetation Indicators:	
ub Stratum (Plot size:)		- - Kapid Test for Hydrophytic Vegetation	
		2 - Dominance Test is >50%	
		- 3 - Prevalence Index is ≤3.0¹	
		Problematic Hydrophytic Vegetation ¹ (Explain)	
		11-40-4	
		 Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 	
		Definitions of Five Vegetation Strata:	
	= 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 (7.6 cm) or larger in diameter at breast height (DBH	
		Sapling – Woody plants, excluding woody vines,	
		approximately 20 ft (6 m) or more in height and less	
		than 3 in. (7.6 cm) DBH.	
		Shrub – Woody plants, excluding woody vines,	
		approximately 3 to 20 ft (1 to 6 m) in height.	
		Herb – All herbaceous (non-woody) plants, includin	
		herbaceous vines, regardless of size, and woody	
		plants, except woody vines, less than approximately 3 ft (1 m) in height.	
		Woody vine - All woody vines, regardless of heigh	
	= Total Cover		
50% of total cover:	20% of total cover:	· ·	
ody Vine Stratum (Plot size:)			
		1	
		1	
	7-4	Hydrophytic	
	= Total Cover	Vegetation Present? Yes No	
50% of total cover:	20% of total cover:	177	

Sampling Point:

Depleted Matrix (F3) rganic Bodies (A6) (LRR P, T, U) rganic Bodies (F2) rganic B			
E Soll Indicators: (Applicable to all LRRs, unless otherwise notad.) istics (A1)			
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istosof (A1) stic Epipedon (A2) ack Histic (A3) Loamy Mucky (Mineral (F1) (LRR 0) rganic Bodies (A6) (LRR P, T, U) mtwck Presence (A8) (LRR P, T, U) cusk Presence (A8) (LRR P, T, U) mtwck (A9) (LRR P, T, U) mtwck (A10) (LRR P, T, U) mtwck Presence (A8) (LRR P, T, U) cusk Presence (A81) cusk Presence (A11) cusk Presence (A12) cusk Presence (A12) cusk Presence (A11) cusk Presence (A12) cusk Presence (A11) cusk Presence (A12) cusk Presence (A11) cusk Presence (A11) cusk Presence (A12) cusk Presence (A11) cusk Presence (A11) cusk Presence (A12) cusk Presence (A11) cusk Presence (A12) cusk Presence (A11) cusk Presence (A11) cusk Presence (A12) cusk Presence (A11) cusk Presence (A12) cusk Presence (A11) cusk Presence (A11) cusk Presence (A11) cusk Presence (A11) cusk Presence (A12) cusk Presence (A11) cusk Presence (A12) cusk Presen	ils ³ .		
In Dark Surface (S9) (LRR S, T, U) Loamy Mucky Mineral (F1) (LRR O) Loamy Mucky Mineral (F1) (LRR O) Reduced Vertic (F18) (outside ML Pledmont Floodplain Soils (F19) (L Anomalous Bright Loamy Soils (F2) (MLRA 153B) Red Dark Surface (F1) Anomalous Bright Loamy Soils (F2) (MLRA 153B) Red Dark Surface (F7) Red Dark Surface (F7) Red Dark Surface (F7) Mari (F10) (LRR D) Depleted Dark Surface (F7) Pepteted Below Dark Surface (A11) Inch Mark Surface (A12) Depleted Ochric (F11) (MLRA 151) Inch Bark Surface (A12) Depleted Delow Dark Surface (A12) Depleted Delow Dark Surface (A13) Depleted Ochric (F11) (MLRA 151) Depleted Delow Dark Surface (A15) Depleted Ochric (F11) (MLRA 151) Depleted Matrix (S4) Bardy Redox (A16) (MLRA 150A) Tipped Matrix (S4) Anomalous Bright Loamy Soils (F20) (MLRA 149A) Anomalous Bright Loamy Soils (F20) (MLRA 149A) Anomalous Bright Loamy Soils (F20) (MLRA 149A) Hydric Soil Present? Yes			
lack Histic (A3) ydrogen Sulfide (A4) ratified Layers (A5) rganic Bodies (A6) (LRR P, T, U) uck Presence (A6) (LRR P, T) uck Presence (A6) (LRR U) m Muck (A9) (LRR P, T) uck Presence (A6) (LRR U) m Muck (A9) (LRR P, T) uck Presence (A6) (LRR U) m Muck (A9) (LRR P, T) uck Presence (A6) (LRR U) uck Presence (A6) (LRR U) m Muck (A9) (LRR P, T) uck Presence (A6) (LRR U) uck Presence (A6) (LR			
ydrogen Sulfide (A4)			
ratified Layers (A5)	Piedmont Floodplain Soils (F19) (LRR P, S,		
rganic Bodies (A6) (LRR P, T, U)			
uck Presence (A8) (LRR U) Redox Depressions (F8) Very Shallow Dark Surface (TF12) cm Muck (A9) (LRR P, T) Mari (F10) (LRR U) Other (Explain in Remarks) pelpleted Below Dark Surface (A11) Depleted Ochric (F11) (MLRA 151) Iron-Manganese Masses (F12) (LRR O, P, T) Pairlie Redox (A16) (MLRA 150A) Umbric Surface (F13) (LRR P, T, U) Wetland hydrology must be presundy Mucky Mineral (S1) (LRR O, S) Delta Ochric (F17) (MLRA 151) Umbric Surface (F13) (LRR P, T, U) Wetland hydrology must be presundy Mucky Mineral (S1) Reduced Vertic (F18) (MLRA 150A, 150B) Piedmont Floodplain Soils (F19) (MLRA 149A) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) And Surface (S7) (LRR P, S, T, U) Ottive Layer (If observed): In the image of	-,		
uck Presence (A8) (LRR U)	,		
cm Muck (A9) (LRR P, T)			
peleted Below Dark Surface (A11) inch Manganese Masses (F12) (LRR O, P, T) inch Manganese Masses (F12) (LRR O, P, T) inch Manganese Masses (F12) (LRR O, P, T) inch Manganese Masses (F13) (LRR P, T, U) inch Manganese Masses (F13) (LRR P			
Dest Prairie Redox (A16) (MLRA 150A) Umbric Surface (F13) (LRR P, T, U) wetland hydrology must be presently ducky Mineral (S1) (LRR O, S) Delta Ochric (F17) (MLRA 151) andy Gleyed Matrix (S4) Reduced Vertic (F18) (MLRA 150A, 150B) Piedmont Floodplain Soils (F19) (MLRA 149A) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) ark Surface (S7) (LRR P, S, T, U) ctive Layer (If observed): Be: Beth (inches): Hydric Soil Present? Yes Inches (S2) Inches (S3) Inches (S3) Inches (S4) Inches (
andy Mucky Mineral (S1) (LRR O, S) Delta Ochric (F17) (MLRA 151) unless disturbed or problematic. Reduced Vertic (F18) (MLRA 150A, 150B) andy Redox (S5) piedmont Floodplain Soils (F19) (MLRA 149A) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) ctive Layer (if observed): ie: bth (inches): Hydric Soil Present? Yes I	on and		
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andy Redox (S5)			
ripped Matrix (S6) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) ark Surface (S7) (LRR P, S, T, U) ctive Layer (if observed):			
ks:			
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