WETLAND DETERMINATION DATA FORM – Eastern Mountains and Piedmont Region

Project/Site:	City/	County:	Sampling Date:			
Applicant/Owner:			State: Sa	mpling Point:		
Investigator(s):	Sec	tion, Township, Range:				
Landform (hillslope, terrace, etc.):	Local re	elief (concave, convex, r	none):	Slope (%):		
Subregion (LRR or MLRA):	Lat:	Long:		Datum:		
Soil Map Unit Name:			NWI classification:			
Are climatic / hydrologic conditions on the s	site typical for this time of year?	Yes No	_ (If no, explain in Remark	:s.)		
Are Vegetation, Soil, or Hyd	drology significantly distu	urbed? Are "Norn	nal Circumstances" present	t? Yes No		
Are Vegetation, Soil, or Hyd	drology naturally problem	natic? (If needed	l, explain any answers in R	lemarks.)		

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

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

HYDROLOGY

Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)			
Primary Indicators (minimum of one is required; check all that apply)	Surface Soil Cracks (B6)			
Surface Water (A1) True Aquatic Plants (B14) High Water Table (A2) Hydrogen Sulfide Odor (C1) Saturation (A3) Oxidized Rhizospheres on Living Water Marks (B1) Presence of Reduced Iron (C4) Sediment Deposits (B2) Recent Iron Reduction in Tilled So Drift Deposits (B3) Thin Muck Surface (C7) Algal Mat or Crust (B4) Other (Explain in Remarks) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7)	Sparsely Vegetated Concave Surface (B8) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) bils (C6) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3)			
Water-Stained Leaves (B9)	Microtopographic Relief (D4)			
Aquatic Fauna (B13)	FAC-Neutral Test (D5)			
Field Observations:				
Surface Water Present? Yes No Depth (inches):				
Water Table Present? Yes No Depth (inches):				
Saturation Present? Yes No Depth (inches): (includes capillary fringe)	Wetland Hydrology Present? Yes No			
Saturation Present? Yes No Depth (inches):				

VEGETATION (Four Strata) – Use scientific names of plants.

Sampling Point:

	Absolute Dominant Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	<u>% Cover Species? Status</u>	Number of Dominant Species
1		That Are OBL, FACW, or FAC: (A)
2		Total Number of Dominant
3		Species Across All Strata: (B)
4		Percent of Dominant Species
5	· · ·	That Are OBL, FACW, or FAC: (A/B)
6		
7		Prevalence Index worksheet:
	= Total Cover	Total % Cover of: Multiply by:
50% of total cover:	20% of total cover:	OBL species x 1 =
Sapling/Shrub Stratum (Plot size:)		FACW species x 2 =
1	· · ·	FAC species x 3 =
2		FACU species x 4 =
3		UPL species x 5 =
4		Column Totals: (A) (B)
5		Prevalence Index = B/A =
6		
7		Hydrophytic Vegetation Indicators:
8		1 - Rapid Test for Hydrophytic Vegetation
9		2 - Dominance Test is >50%
	= Total Cover	3 - Prevalence Index is $\leq 3.0^1$
50% of total cover:	20% of total cover:	4 - Morphological Adaptations ¹ (Provide supporting
Herb Stratum (Plot size:)		data in Remarks or on a separate sheet)
1		Problematic Hydrophytic Vegetation ¹ (Explain)
2		
3		¹ Indicators of hydric soil and wetland hydrology must
4		be present, unless disturbed or problematic.
5		Definitions of Four Vegetation Strata:
		Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or
6		more in diameter at breast height (DBH), regardless of
7		height.
8		Sapling/Shrub – Woody plants, excluding vines, less
9		than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.
10		
11		Herb – All herbaceous (non-woody) plants, regardless
E0% of total cover	= Total Cover	of size, and woody plants less than 3.28 ft tall.
	20% of total cover:	Woody vine - All woody vines greater than 3.28 ft in
Woody Vine Stratum (Plot size:)		height.
1		
2		
3		
4		Hydrophytic
5		Vegetation Present? Yes No
	= Total Cover	
	20% of total cover:	
Remarks: (Include photo numbers here or on a separate	sheet.)	

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)										
Depth	Matrix		Redox Features			0				
(inches)	Color (moist)	<u>%</u> (Color (moist)	<u></u>	<u>ype¹</u>		Texture		Remarks	<u> </u>
	·									
	·									
	ncentration, D=Deple	tion, RM=Red	duced Matrix, MS	S=Masked Sar	nd Grai	ns.		PL=Pore Lini		
Hydric Soil I	ndicators:						Indic	cators for Pr	oblematic I	lydric Soils ³ :
Histosol	,	_	_ Dark Surface					2 cm Muck (A	, ,	•
·	ipedon (A2)	_	Polyvalue Be	•	<i>,</i> .		148)	Coast Prairie	•	6)
Black His		_	Thin Dark Su	• • •	LRA 14	17, 148)		(MLRA 14		
	n Sulfide (A4)	_	Loamy Gleye				!	Piedmont Flo	•	s (F19)
Stratified Layers (A5) Depleted Matrix (F3)				(MLRA 136, 147)						
2 cm Muck (A10) (LRR N) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F7)				Very Shallow Dark Surface (TF12) Other (Explain in Remarks)						
	rk Surface (A12)	(ATT) _	Redox Depre	•)					(5)
	ucky Mineral (S1) (LF	R N	Iron-Mangane	• • •	F12) (I	RR N				
-	147, 148)		MLRA 13		12)(i i i i i i i i i i i i i i i i i i i				
	eyed Matrix (S4)		Umbric Surfa	•	RA 136	. 122)	³ In	dicators of hy	/drophytic ve	egetation and
	edox (S5)		Piedmont Flo	· · ·		· •		etland hydro		-
	Matrix (S6)	_	Red Parent M	Iaterial (F21)	(MLRA	127, 147		nless disturb	•••	•
Restrictive L	ayer (if observed):					-	-			
Type:										
Depth (inc	hes):						Hydric Soi	il Present?	Yes	No
Remarks:										