WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site:	City/County:		Sampling Date:	
Applicant/Owner:		State:	Sampling Point:	
Investigator(s):	Section, Township, Range:			
Landform (hillslope, terrace, etc.):	Local relief (con	cave, convex, none	·):	
Slope (%): Lat:	Long:		_ Datum:	
Soil Map Unit Name:		NWI classif	fication:	
Are climatic / hydrologic conditions on the site typical for this time of ye	ar? Yes No	_ (If no, explain in	Remarks.)	
Are Vegetation, Soil, or Hydrology significantly	disturbed? Are "Nor	mal Circumstances"	present? Yes I	No
Are Vegetation, Soil, or Hydrology naturally pro	blematic? (If neede	d, explain any answ	vers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map showing	sampling point loca	tions, transect	s, important featur	es, etc.

Hydrophytic Vegetation Present? Hydric Soil Present?	Yes Yes	No No	Is the Sampled Area within a Wetland? Yes	No
Wetland Hydrology Present?	Yes	No	If yes, optional Wetland Site ID:	
Remarks: (Explain alternative proced	ures here or in	a separate report.)		

HYDROLOGY

Wetland Hydrology Indicate	ors:		Secondary Indicators (minimur	n of two required)
Primary Indicators (minimum	of one is required; c	heck all that apply)	Surface Soil Cracks (B6)	
Surface Water (A1)		Water-Stained Leaves (B9)	Drainage Patterns (B10)	
High Water Table (A2)		Aquatic Fauna (B13)	Moss Trim Lines (B16)	
Saturation (A3)		Marl Deposits (B15)	Dry-Season Water Table (C2)
Water Marks (B1)		Hydrogen Sulfide Odor (C1)	Crayfish Burrows (C8)	
Sediment Deposits (B2)				al Imagery (C9)
Drift Deposits (B3)		Presence of Reduced Iron (C4)	Stunted or Stressed Plant	s (D1)
Algal Mat or Crust (B4)		Recent Iron Reduction in Tilled Se	ls (C6) Geomorphic Position (D2)	
Iron Deposits (B5)		Thin Muck Surface (C7)	Shallow Aquitard (D3)	
Inundation Visible on Aer	ial Imagery (B7)	Other (Explain in Remarks)	Microtopographic Relief (04)
Sparsely Vegetated Cond	cave Surface (B8)		FAC-Neutral Test (D5)	
Field Observations:				
Surface Water Present?	Yes No	Depth (inches):		
Mater Table Duranto	Mar Na	\mathbf{D} and \mathbf{b} (in the set)		
Water Table Present?	Yes No	Depth (inches):		
Saturation Present? (includes capillary fringe)	Yes No	Depth (inches):	Wetland Hydrology Present? Yes	No
Saturation Present? (includes capillary fringe)	Yes No			No
Saturation Present? (includes capillary fringe)	Yes No	Depth (inches):		No
Saturation Present? (includes capillary fringe) Describe Recorded Data (stre	Yes No	Depth (inches):		No
Saturation Present? (includes capillary fringe)	Yes No	Depth (inches):		No
Saturation Present? (includes capillary fringe) Describe Recorded Data (stre	Yes No	Depth (inches):		No
Saturation Present? (includes capillary fringe) Describe Recorded Data (stre	Yes No	Depth (inches):		No
Saturation Present? (includes capillary fringe) Describe Recorded Data (stre	Yes No	Depth (inches):		No
Saturation Present? (includes capillary fringe) Describe Recorded Data (stre	Yes No	Depth (inches):		No
Saturation Present? (includes capillary fringe) Describe Recorded Data (stre	Yes No	Depth (inches):		No
Saturation Present? (includes capillary fringe) Describe Recorded Data (stre	Yes No	Depth (inches):		No
Saturation Present? (includes capillary fringe) Describe Recorded Data (stre	Yes No	Depth (inches):		No
Saturation Present? (includes capillary fringe) Describe Recorded Data (stre	Yes No	Depth (inches):		No
Saturation Present? (includes capillary fringe) Describe Recorded Data (stre	Yes No	Depth (inches):		No

VEGETATION – Use scientific names of plants.

Sampling Point: _____

	Absolute Dominant Ir		Dominance Test worksheet:	
Tree Stratum (Plot size:)	<u>% Cover Species?</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				
Total Cove			Prevalence Index worksheet: Total % Cover of: Multiply by:	
			OBL species x 1 =	
50% of total cover:	20% of total cover:	<u> </u>	FACW species x 2 =	
Sapling/Shrub Stratum (Plot size:)			FAC species X 2 FAC species X 3 =	
1			FACU species x 4 =	
2			UPL species x 5 =	
3			Column Totals: (A)	(B)
4				(D)
5			Prevalence Index = B/A =	
6			Hydrophytic Vegetation Indicators:	
			Rapid Test for Hydrophytic Vegetation	
Total Cover			Dominance Test is >50%	
50% of total cover:	20% of total cover:		Prevalence Index is ≤3.0 ¹	
Herb Stratum (Plot size:) 1)			Morphological Adaptations ¹ (Provide supportin data in Remarks or on a separate sheet)	ıg
			 Problematic Hydrophytic Vegetation¹ (Explain) 	
2				
3			¹ Indicators of hydric soil and wetland hydrology mu	ist
4			be present, unless disturbed or problematic.	
5			Definitions of Vegetation Strata:	
6			Tree Weedy plants 2 in (7.6 cm) or more in diam	antar
7			Tree – Woody plants 3 in. (7.6 cm) or more in diam at breast height (DBH), regardless of height.	leter
8				
9			Sapling/shrub – Woody plants less than 3 in. DBH and greater than 3.28 ft (1 m) tall.	1
10			Herb – All herbaceous (non-woody) plants, regardl of size, and woody plants less than 3.28 ft tall.	less
11				6 1
Total Cover			Woody vines – All woody vines greater than 3.28 height.	πin
50% of total cover:	20% of total cover:		C .	
Woody Vine Stratum (Plot size:)		-		
1				
2				
3			Hydrophytic	
4			Vegetation	
Total Cove			Present? Yes No	
50% of total cover:	20% of total cover:			
Remarks: (Include photo numbers here or on a separate s	heet.)			

Depth (inches)	Matrix		Red	ox Feature	s				
(interfee)	Color (moist)	%	Color (moist)	<u>%</u>	Type ¹	Loc ²	Texture	Remarks	
							·		
						·	·		
	,								
	,								
	,								
Type: C=Cc	oncentration, D=Deple	etion RM:	=Reduced Matrix C	S=Covered	d or Coate	d Sand Gr	ains ² Location [·] PL =	Pore Lining, M=M	atrix
Hydric Soil I		<u></u>		0 0010.0			Indicators for Proble		
Histosol			Polyvalue Belo	w Surface	(S8) (LRF	R.		(LRR K, L, MLRA	
	vipedon (A2)		MLRA 149E		(00) (111	,		lox (A16) (LRR K ,	,
Black His			Thin Dark Surf	,	RR R. ML	RA 149B		or Peat (S3) (LRR	
	n Sulfide (A4)		Loamy Mucky				Dark Surface (S7		, , ,
	Layers (A5)		Loamy Gleyed			, ,		Surface (S8) (LRR	K , L)
	Below Dark Surface	(A11)	Depleted Matri				Thin Dark Surface		. ,
	rk Surface (A12)		Redox Dark Si					Masses (F12) (LRI	R K, L, R)
Sandy M	lucky Mineral (S1)		Depleted Dark	Surface (F	7)		Piedmont Floodp	ain Soils (F19) (MI	LRA 149B
Sandy G	leyed Matrix (S4)		Redox Depres	sions (F8)			Mesic Spodic (TA	.6) (MLRA 144A, 1	45, 149B)
Sandy R	edox (S5)						Red Parent Mater	rial (F21)	
Stripped	Matrix (S6)						Very Shallow Dar		
Dark Sur	face (S7) (LRR R, M	LRA 149E	3)				Other (Explain in	Remarks)	
	hydrophytic vegetation	on and we	etland hydrology mu	st be prese	ent, unless	disturbed	or problematic.		
Restrictive L	ayer (if observed):								
Type:									
Depth (inc	ches):								
							Hydric Soil Present?	Yes N	lo