WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site:			City/Co	ounty:		Sampling Date:	
Applicant/Owner:					State:	Sampling Point:	
Investigator(s):			Sectio	n, Township, Range	:		
Landform (hillslope, t	terrace, etc.)	:		Local relief (co	ncave, convex	, none):	
Slope (%):	Lat:		Long:			Datum:	
Soil Map Unit Name:					NWI	classification:	
Are climatic / hydrolc	ogic condition	is on the site typical	for this time of year? Ye	es No	(If no, expl	lain in Remarks.)	
Are Vegetation	_, Soil	, or Hydrology	significantly disturb	ed? Are "No	rmal Circumsta	ances" present? Yes	No
Are Vegetation	_, Soil	, or Hydrology	naturally problema	tic? (If need	ed, explain any	answers in Remarks.)	
SUMMARY OF	FINDINGS	- Attach site r	nap showing sam	pling point loc	ations, trar	nsects, important fea	tures, 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 procedu	es here or in a	separate report.)			

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) 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) Oxidized Rhizospheres on Livin	ng Roots (C3) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Reduced Iron (C4)	Stunted or Stressed Plants (D1)
Algal Mat or Crust (B4) Recent Iron Reduction in Tilled	Soils (C6) Geomorphic Position (D2)
Iron Deposits (B5) Thin Muck Surface (C7)	Shallow Aquitard (D3)
Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks)	Microtopographic Relief (D4)
Sparsely Vegetated Concave Surface (B8)	FAC-Neutral Test (D5)
Field Observations:	
Surface Water Present? Yes No Depth (inches):	_
Water Table Dresent? Ves No. Donth (inches);	
Water Table Present? Yes No Depth (inches):	-
Saturation Present? Yes No Depth (inches):	
	Wetland Hydrology Present? Yes No
Saturation Present? Yes No Depth (inches):	Wetland Hydrology Present? Yes No
Saturation Present? Yes No Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspectively and the stream gauge of	Wetland Hydrology Present? Yes No
Saturation Present? Yes No Depth (inches):	_ Wetland Hydrology Present? Yes No
Saturation Present? Yes No Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspe	_ Wetland Hydrology Present? Yes No
Saturation Present? Yes No Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspectively and the stream gauge of	Wetland Hydrology Present? Yes No
Saturation Present? Yes No Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspectively and the stream gauge of	Wetland Hydrology Present? Yes No
Saturation Present? Yes No Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspectively and the stream gauge of	Wetland Hydrology Present? Yes No
Saturation Present? Yes No Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspectively and the stream gauge of	Wetland Hydrology Present? Yes No
Saturation Present? Yes No Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspectively and the stream gauge of	Wetland Hydrology Present? Yes No
Saturation Present? Yes No Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspectively and the stream gauge of	Wetland Hydrology Present? Yes No
Saturation Present? Yes No Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspectively and the stream gauge of	_ Wetland Hydrology Present? Yes No
Saturation Present? Yes No Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspe	_ Wetland Hydrology Present? Yes No

VEGETATION – Use scientific names of plants.

Sampling Point: _____

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

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):								
Туре:									
Depth (inc	ches):								
							Hydric Soil Present?	Yes N	lo