## WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site:			City/0	County:		Sampling Date:	
Applicant/Owner:					State:	Sampling Point:	
Investigator(s):			Sect	ion, Township, R	ange:		
Landform (hillslope, t	errace, etc.)	:		Local relie	f (concave, convex,	none):	
Slope (%):	Lat:		Long	:		Datum:	
Soil Map Unit Name:					NWI o	classification:	
Are climatic / hydrolo	gic condition	is on the site typical f	or this time of year?	Yes <u>No</u>	(If no, expla	ain in Remarks.)	
Are Vegetation	_, Soil	, or Hydrology	significantly distu	rbed? Are	"Normal Circumsta	inces" present? Yes	No
Are Vegetation	_, Soil	, or Hydrology	naturally problem	atic? (If r	needed, explain any	answers in Remarks.)	
SUMMARY OF I	INDINGS	– Attach site n	nap showing sar	npling point	locations, tran	sects, important fea	atures, etc.

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

## HYDROLOGY

Wetland Hydrology Indicate	ors:			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 Living 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 Aer	ial Imagery (B7)	_ Other (Explain in Remarks)		Microtopographic Relief (D4)		
Sparsely Vegetated Cond	cave Surface (B8)			FAC-Neutral Test (D5)		
Field Observations:						
Surface Water Present?	Yes No	Depth (inches):				
Water Table Present?	Yes No	Depth (inches):				
Saturation Present? (includes capillary fringe)	Yes No	Depth (inches):	Wetland H	ydrology Present? Yes No		
Describe Recorded Data (stre	eam gauge, monitoring	g well, aerial photos, previous inspec	tions), if avai	lable:		
Describe Recorded Data (Sile	0 0 /	<b>3</b> • <b>,</b> • • • • • • • • • • • • • • • • • • •				
Describe Recorded Data (sire		<b>.</b>	,,			
		<b>.</b>	,,			
Remarks:		<b>5</b> • <i>j</i> • • • • • • • • • • • • • • • • • • •				
		<b>,</b> , , , , , , , , , , , , , , , , , ,				
		<b>5</b> - , F F				

## **VEGETATION –** Use scientific names of plants.

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

	Absolute Dominant Indicato	Dominance Lest Worksheet'
Tree Stratum (Plot size:)	<u>% Cover Species?</u> Status	Number of Dominant Species
1		That Are OBL, FACW, or FAC: (A)
2		- Total Number of Dominant
3		
4		
5		That Are OBL, FACW, or FAC: (A/B)
6		-
		Prevalence Index worksheet:
	r:	Total % Cover of: Multiply by:
	20% of total cover:	
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 =
		Hydrophytic Vegetation Indicators:
6		Rapid Test for Hydrophytic Vegetation
Total Cove	r:	Dominance Test is >50%
50% of total cover:	20% of total cover:	$\frac{1}{2}$ Prevalence Index is $\leq 3.0^{1}$
Herb Stratum (Plot size:)		Morphological Adaptations <sup>1</sup> (Provide supporting
1		
2		Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3		<sup>1</sup> Indicators of hydric soil and wetland hydrology must
4		be present, unless disturbed or problematic.
5		Definitions of Vegetation Strata:
6		- Deminions of Vegetation Strata.
		Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
7		
8		<ul> <li>Sapling/shrub – Woody plants less than 3 in. DBH and greater than 3.28 ft (1 m) tall.</li> </ul>
9		
10		( <b>3</b> /1 <b>3</b>
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:	20% of total cover:	height.
Woody Vine Stratum (Plot size:)		
1		
2		_
		-   <i>.</i>
3		Hydrophytic Vegetation
4		Present? Yes No
Total Cove	r:	
50% of total cover:	20% of total cover:	_
Remarks: (Include photo numbers here or on a separate s	sheet.)	

		o the dept				or confirm	the absence of indicat	tors.)
Depth (inches)	<u>Matrix</u> Color (moist)	%	Color (moist)	<u>ox Feature</u> %	s Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
(1101100)								Romano
							·	
	e						·	
							·	
					·			
	e						·	
	oncentration, D=Depl	etion, RM=	Reduced Matrix, C	S=Covered	or Coate	d Sand Gr	ains. <sup>2</sup> Location: PL	=Pore Lining, M=Matrix.
Hydric Soil	Indicators:						Indicators for Problem	ematic Hydric Soils <sup>3</sup> :
Histosol	(A1)	-	Polyvalue Belo	w Surface	(S8) (LRF	RR,	2 cm Muck (A10)	) (LRR K, L, MLRA 149B)
Histic Ep	oipedon (A2)		MLRA 149E	3)			Coast Prairie Re	dox (A16) ( <b>LRR K, L, R</b> )
Black Hi	stic (A3)	_	Thin Dark Surf	ace (S9) ( <b>I</b>	.RR R, MI	LRA 149B	) 5 cm Mucky Pea	t or Peat (S3) (LRR K, L, R)
Hydroge	en Sulfide (A4)	_	Loamy Mucky	Mineral (F	) (LRR K	, L)	Dark Surface (S	
	d Layers (A5)	-	Loamy Gleyed			. ,		Surface (S8) (LRR K, L)
	d Below Dark Surface	(A11)	Depleted Matri		/		-	ce (S9) ( <b>LRR K, L</b> )
	ark Surface (A12)		Redox Dark St					Masses (F12) ( <b>LRR K, L, R</b> )
	lucky Mineral (S1)	-	Depleted Dark		7)		-	blain Soils (F19) ( <b>MLRA 149B</b> )
	Bleyed Matrix (S4)	-	Redox Depres		')			A6) (MLRA 144A, 145, 149B)
		-		50115 (1-0)				
	Redox (S5)						Red Parent Mate	
	Matrix (S6)							rk Surface (TF12)
Dark Su	rface (S7) ( <b>LRR R, M</b>	LRA 149B	)				Other (Explain in	Remarks)
3								
	f hydrophytic vegetati	on and wet	land hydrology mu	st be prese	ent, unless	s disturbed	or problematic.	
Restrictive I	Layer (if observed):							
Type:								
Denth (in	aboa);						Hydric Soil Present?	Yes No
	ches):							
Remarks:								