WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site:			City/C	ounty:			Sampling Date	
Applicant/Owner:						State:	Samplin	g Point:
Investigator(s):			Section	on, Township	, Range:			
Landform (hillslope, te	rrace, etc.):			Local re	elief (concav	e, convex, none):	
Slope (%):	Lat:		Long:				_ Datum:	
Soil Map Unit Name: _						NWI classif	ication:	
Are climatic / hydrolog	ic conditions o	n the site typical for	this time of year? Y	es N	No (lf no, explain in	Remarks.)	
Are Vegetation	, Soil,	or Hydrology	significantly distur	bed?	Are "Normal	Circumstances"	present? Yes	No
Are Vegetation	, Soil,	or Hydrology	naturally problema	atic? ((If needed, e	xplain any answ	ers in Remarks.)	
SUMMARY OF FI	NDINGS –	Attach site ma	ap showing sam	pling poi	nt locatio	ns, transect	s, important	features, etc.
Hydrophytic Vegetati	on Present?	Yes	No	Is the Sam	pled Area			

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	a separate report.)			

HYDROLOGY

Wetland Hydrology Indicate	ors:				Secondary Indicators (minimum of two required)		
Primary Indicators (minimum	of one is req	uired; ch	eck 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)		
Oxidized Rhizospheres on Livin				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)		oils (C6)	Geomorphic Position (D2)				
Iron Deposits (B5)		_	Thin Muck Surface (C7)		Shallow Aquitard (D3)		
Inundation Visible on Ae	rial Imagery	(B7) _	Other (Explain in Remarks)		Microtopographic Relief (D4)		
Sparsely Vegetated Con	cave Surface	e (B8)			FAC-Neutral Test (D5)		
Field Observations:							
Surface Water Present?	Yes	No	Depth (inches):				
Water Table Present?	V	No	Depth (inches):				
water rable Present?	Yes	_ INO	Deptil (inches).				
Saturation Present? (includes capillary fringe)			Depth (inches):	Wetland H	Hydrology Present? Yes No		
Saturation Present? (includes capillary fringe)	Yes	No					
Saturation Present? (includes capillary fringe)	Yes	No	Depth (inches):				
Saturation Present? (includes capillary fringe) Describe Recorded Data (stre	Yes	No	Depth (inches):				
Saturation Present? (includes capillary fringe)	Yes	No	Depth (inches):				
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VEGETATION – Use scientific names of plants.

Sampling Point: _____

Tree Stratum (Plot size:)	Absolute	Dominant Indicator Species? Status	Dominance Test worksheet:
			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			Prevalence Index worksheet:
7			Total % Cover of: Multiply by:
		= 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 =
			Column Totals: (A) (B)
4			Prevalence Index = B/A =
5			
6			Hydrophytic Vegetation Indicators:
7			Rapid Test for Hydrophytic Vegetation
		= Total Cover	Dominance Test is >50% Prevalence Index is ≤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.
12			Woody vines – All woody vines greater than 3.28 ft in
		= Total Cover	height.
Woody Vine Stratum (Plot size:)			
1			
2.			
3.			Hadrow badla
			Hydrophytic Vegetation
4			Present? Yes No
Demarka: (Include abote numbers bare or on a concrete a		= Total Cover	
Remarks: (Include photo numbers here or on a separate s	sneet.)		

Depth Matrix Redox Features Color (moist) % Color (moist) % Tope Loc Texture Remarks Includes Color (moist) % Color (moist) % Tope Loc Texture Remarks Includes Includes			to the depth				or confirm	the absence of indi	cators.)	
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ² Location: PL=Pore Lining, M=Matrix. Hydric Soll Indicators: Indicators for Problematic Hydric Solls ³ : Histic Epipedon (A2) Polyvalue Below Surface (S8) (LRR R, Histic Redox (A10) (LRR K, L, R) Histic Epipedon (A2) MILRA 149B) Stratified Layers (A5) Loarny Gleyed Matrix (C1) Depleted Below Durface (S9) (LRR R, MLRA 149B) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Depleted Below Durface (S7) Depleted Matrix (F3) Thick Dark Surface (A11) Depleted Matrix (F3) Thick Dark Surface (S9) LRR K, L, R) Depleted Below Dark Surface (F7) Peledemour F100dplain Solis (F19) (MLRR K, L, R) Sandy Gleyed Matrix (S4) Redox Depressions (F8) Sandy Gleyed Matrix (S4) Redox Depressions (F8) Sandy Gleyed Matrix (S6) Other (Explain in Remarks) "Indicators of hydrophytic vegetation and wettand hydrology must be present, unless disturbed or problematic. Restrictive Layer (If observed): Type: Type:	Depth (inches)	<u>Matrix</u> Color (moist)	%				1 oc^2	Texture	Remarks	
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³ Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if observed):			AI RA 149B)							
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Restrictive Layer (if observed):	³ Indicators o	f hydronhytic vegetat	ion and wet	and hydrology mu	ist he nres	nt unles	disturbed	or problematic		
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	Depth (in	ches):						Hydric Soil Prese	nt? Yes <u>No</u>	
		,								
	Remarks.									