WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Section State: Mile Sampling Point: W-50n19w7-c2
Local relief (concave, convax, none): Concave Slope: 0,0 % / 0,0
Contact Cont
Map Unit Name: 8118A
e climatic/hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.) e Vegetation
e Vegetation
e Vegetation
unmary of Findings - Attach site map showing sampling point locations, transects, important features, etc ydrophytic Vegetation Present? Yes ● No □ Is the Sampled Area within a Wetland? Yes ● No □ Vetland Hydrology Present? Yes ● No □ Is the Sampled Area within a Wetland? Yes ● No □ Vetland Hydrology Present? Yes ● No □ Is the Sampled Area within a Wetland? Yes ● No □ Vetland Hydrology Indicators: Vetland Hydrology Indicators: Secondary Indicators (minimum of 2 required) Surface Soil Cracks (8b) Duringe Patterns (810) Surface Water (A1) Water-Stained Leaves (8b) Duringe Patterns (810) Water-Table (A2) Aquatic Fauna (813) Moss Trim Lines (810) Vetland Hydrology Indicators (810) Water Table (A2) Hydrogen Sulfide Odor (C1) Craylish Burrows (C8) Secondary Indicators (minimum of 2 required) Present Table (A2) Present Table (A2) Present Table (A2) Present Table (A2) Present Table (A3) Present Table (A3) Present Patterns (A4) Present P
Attach site map showing sampling point locations, transects, important features, etc varophytic Vegetation Present? Yes No No within a Wetland? Yes No No within a Wetland? Yes No No within a Wetland? Yes No
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Drift deposits (B3)
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: urface Water Present? Yes No Depth (inches): 0 Vater Table Present? Yes No Depth (inches): 8 uaturation Present? Yes No Depth (inches): 4 Wetland Hydrology Present? Yes No Concave Surface (Ba) Wetland Hydrology Present? Yes No Concave Surface (Ba) Recent Iron Reduction in Tilled Soils (C6) FAC-neutral (D3) Microtopographic Relief (D4) FAC-neutral Test (D5) Wetland Hydrology Present? Yes No Concave Surface (Ba)
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emarks:

VEGETATION - Use scientific names of plants

vegeration - ose scientific fiames of pr	Sampling Point: w-50n19w7-c2				
(0) -1 - 20	Absolute	Dominant Species?	Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size: 30	% Cover	Species?	Status	Number of Dominant Species	
1. Fraxinus nigra	40	✓	FACW	That are OBL, FACW, or FAC:	
2. Populus tremuloides		✓	FACU	Total Number of Dominant	
3	0			Species Across All Strata:7 (B)	
4	0				
5	0			Percent of dominant Species That Are OBL, FACW, or FAC:71.4% (A/B)	
6				That Are OBL, FACW, or FAC:71.4% (A/B)	
7				Prevalence Index worksheet:	
		= Total Cove		Total % Cover of: Multiply by:	
Sapling/Shrub Stratum (Plot size: 15)				0BL speci es 20 x 1 = 20	
1. Alnus incana		✓	FACW	FACW species 100 x 2 = 200	
2. Populus tremuloides	10	✓	FACU	FAC speciles 30 x 3 = 90	
3. Fraxinus nigra	10	✓	FACW	l '	
4	0			l '	
5	0			UPL species $0 \times 5 = 0$	
6				Column Totals: <u>180</u> (A) <u>430</u> (B)	
7	0			Prevalence Index = B/A = 2.389	
		= Total Cove	r	Hydrophytic Vegetation Indicators:	
Herb Stratum (Plot size: 5				Rapid Test for Hydrophytic Vegetation	
1. Calamagrostis canadensis	20	✓	OBL	✓ Dominance Test is > 50%	
2. Athyrlum filix-femina	30	✓	FAC	<u> </u>	
3. Onoclea sensibilis	10		FACW	Prevalence Index is ≤3.0 ¹	
4. Rubus hispidus			FACW	Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)	
5				Problematic Hydrophytic Vegetation ¹ (Explain)	
6				Problematic Hydrophytic Vegetation (Explain)	
7				¹ Indicators of hydric soil and wetland hydrology must	
				be present, unless disturbed or problematic.	
8				Definitions of Vegetation Strata:	
9				_	
0				Tree - Woody plants, 3 in. (7.6 cm) or more in diameter	
1				at breast height (DBH), regardless of height.	
2	0			Sapling/shrub - Woody plants less than 3 in. DBH and	
Woody Vine Stratum (Plot size: 30	=	= Total Cove	r	greater than 3.28 ft (1m) tall	
	0			Herb - All herbaceous (non-woody) plants, regardless of	
1				size, and woody plants less than 3.28 ft tall.	
2			-		
3				Woody vine - All woody vines greater than 3.28 ft in	
4				height.	
		= Total Cove	r		
				Herder where the	
				Hydrophytic Vegetation	
				Present? Yes No	
Remarks: (Include photo numbers here or on a separate s	heet.)				
·	-				

^{*}Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Soil Sampling Point: w-50n19w7-c2

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)										
Depth <u>Matrix</u>		Redox Features				_				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc2	Texture	Remarks
0-4	10YR	3/1	100						Loam	
4-12	10YR	4/2	90	10YR	4/6	10	С	_M	Sandy Loam	
12-20	10YR	4/1	85	10YR	4/6	15	С	M	Sandy Clay Loam	
		-			-				•	
		-	-		-	-	-	-	-	
							-	-		
						-				
		_		-						
1 Type: C=Cond	entration D	– Denletio	n RM-Red	uced Matrix (`S=Covere	ed or Coate	ed Sand Gr	ains 21 oca	ation: PL=Pore Lining. M=M	atrix
Hydric Soil I		Pobletio	Kivi–Keu	assa matrix, t	.5-50VEIE	.a or ovall	Ja Jana Gi	anio LUCC		
Histosol (A				Polya	alue Relov	v Surface	(S8) (LRR I	2		ematic Hydric Soils: 3
	edon (A2)				149B)	. Janace	(SO) (LIKIK I	~1	_	(LRR K, L, MLRA 149B)
Black Histi				Thin	Dark Surfa	ice (S9) (I	LRR R, MLI	RA 149B)		x (A16) (LRR K, L, R)
	Sulfide (A4)			Loan	y Mucky N	/lineral (F1) LRR K, L)	Dark Surface (S7)	or Peat (S3) (LRR K, L, R)
Stratified I	Layers (A5)				-	Matrix (F2))			urface (S8) (LRR K, L)
Depleted F	Below Dark S	Surface (A	11)		eted Matrix				Thin Dark Surface	
☐ Thick Dark	c Surface (A1	2)			x Dark Su					lasses (F12) (LRR K, L, R)
Sandy Mu	ck Mineral (S	1)				Surface (F	7)			in Soils (F19) (MLRA 149B)
	yed Matrix (S	S4)		Redo	x Depress	ions (F8)) (MLRA 144A, 145, 149B)
Sandy Red									Red Parent Materia	
Stripped N									Very Shallow Dark	Surface (TF12)
	ace (S7) (LRF		•						Other (Explain in R	Remarks)
³ Indicators of	hydrophytic	vegetatio	n and wetla	ınd hydrology	must be p	resent, un	less distur	oed or proble	ematic.	
Restrictive La	ayer (if obs	erved):								
Туре:										
Depth (inch	nes):								Hydric Soil Present?	Yes ● No O
Remarks:										