## WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R								Date:	10/02/14		
Applicant:										County:	Red Lake		
Investigators: NTT/BEH				Subregion (MLRA or LRR): MLRA 56						State:	MN		
Soil Unit:	159A			_			Classification:						
	Landform: Depression Local Relief: Sample Point: w-151n42w9-i1												
Slope (%):       3 - 7%       Latitude:       47.915218       Longitude:       -96.032884       Datum:         Are climatic/hydrologic conditions on the site typical for this time of year? (If no, explain in remarks)       Image: Climatic limit of year       Section:													
					ar? (If no, exp			⊡Yes		Section:			
Are Vegetation			· · · · · · · · · · · · · · · · · · ·			e normal circumstances present?			Township:				
Are Vegetation		🖵 or Hydrology	Liturally pr	oblematic?			Yes	□No		Range:	Dir:		
SUMMARY C													
Hydrophytic Vegetation Present?         Yes         Hydric Soils Present													
Wetland Hyd			Yes				Is This Sampling Poin						
Remarks: The wetland is a fresh wet meadow that is located in a large open meadow area. The wetland vegetation is dominated by woolly sedge and reed canary													
	grass.												
HYDROLOG	Y												
Wetland Hy	drology Indi	cators (Check all	that apply; N	linimum of or	ne primary	or two se	econdary requi	red):					
Wetland Hydrology Indicators (Check all that apply; Minimum of one primary or two secondary required): Primary: Secondary:													
	A1 - Surface V				B11 - Salt (					B6 - Surface S			
	A2 - High Wat A3 - Saturatio				B13 - Aqua C1 - Hydro						/egetated Concave Surface		
	B1 - Water Ma				C2 - Dry Se						Rhizospheres on Living Roots (tilled)		
	B2 - Sediment				C3 - Oxidiz	ed Rhizos	pheres on Living	Roots (not til	к 🗖	C8 - Crayfish E			
	B3 - Drift Dep				C4 - Prese	nce of Red	duced Iron	,		C9 - Saturation	Visible on Aerial Imagery		
	B4 - Algal Mat				C7 - Thin N		ace			D2 - Geomorp			
	B5 - Iron Depo		0000		Other (Exp	lain)				D5 - FAC-Neut			
	B7 - Inundatio B9 - Water-St	n Visible on Aerial Ima	agery						L L	D7 - Frost-Hea	ved Hummocks (LRR F)		
	D0 - Water-Ot												
Field Obser	vations:												
	er Present?	V 🗖	Dent	<b>.</b>	(in )								
		_		h:				Wetland H	lydrology	Present?	Y		
Water Table		_		h:									
Saturation Present? Yes Depth: (in.)													
Describe Rec		tream gauge, moni	-	erial photos, pr	evious insp								
Describe Reco Remarks:			-	erial photos, pr	evious insp			n hydrophyl	ic vegetatic	on present and	l landscape position.		
Remarks:			-	erial photos, pr	evious insp			n hydrophyl	ic vegetatic	on present and	I landscape position.		
Remarks: SOILS	No primary	wetland hydrology	indicators pr	erial photos, pr esent. Wetlar	evious insp nd hydrolog	gy is ass	umed based o		ic vegetatic	on present and	I landscape position.		
Remarks: SOILS Profile Descri	No primary	wetland hydrology be to the depth ne	eded to docu	rial photos, pr esent. Wetlar iment the indi	evious insp nd hydrolog	gy is ass	e absence of ir	dicators.)	ic vegetatic	on present and	I landscape position.		
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## WETLAND DETERMINATION DATA FORM

**Great Plains Region** 

Project/Site:	L3R				Sample Point: w-151n42w9-i1					
VEGETATION	(Species identified in all uppercase and Plot size: 30 ft. radius)	e non-native	species.)							
	Species Name	% Cover	Dominant	Ind.Status	Dominance Test Worksheet					
1.										
2.					Number of Dominant Species that are OBL, FACW, or FAC: 4 (A)					
3.										
4.					Total Number of Dominant Species Across All Strata: 4 (B)					
5.										
6.					Percent of Dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)					
7. 8.					Prevalence Index Worksheet					
0. 9.										
<u> </u>					Total % Cover of:     Multiply by:       OBL spp.     60     x 1 =     60					
10.	Total Cover =	0			FACW spp. 65 x 2 = 130					
		Ŭ			FAC spp. $0$ x 3 = $0$					
Sapling/Shrub S	Stratum (Plot size: 15 ft. radius)				FACU spp. 0 x 4 = 0					
1.	Salix petiolaris	25	Y	OBL	UPL spp. 0 x 5 = 0					
2.										
3.					Total <u>125</u> (A) <u>190</u> (B)					
4.										
5.					Prevalence Index = B/A = <u>1.520</u>					
6.										
7.										
8.					Hydrophytic Vegetation Indicators:					
9.					Rapid Test for Hydrophytic Vegetation					
10.	Total Cover =	25			X Dominance Test is > 50%					
		25	_		X Prevalence Index is $\leq 3.0^{*}$					
Horb Stratum /	Plot size: 5 ft. radius)				Morphological Adaptations (Explain) * Problem Hydrophytic Vegetation (Explain) *					
1.	Carex pellita	35	Y	OBL						
2.	Phalaris arundinacea	30	Ŷ	FACW	* Indicators of hydric soil and wetland hydrology must be					
3.	Poa palustris	20	Y	FACW	present, unless disturbed or problematic.					
4.	Calamagrostis canadensis	15	Ν	FACW	Definitions of Vegetation Strata:					
5.										
6					Tree - Woody plants 3 in. (7.6cm) or more in diameter at breast					
7.					height (DBH), regardless of height.					
8.										
9.					Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height.					
10.										
11.					Herb - All herbaceous (non-woody) plants, regardless of size.					
12.					Herb - All herbaceous (horewoody) plants, regardless of size.					
13. 14.										
14.					Woody Vines - All woody vines, regardless of height.					
10.	Total Cover =	100			,					
		100								
Woody Vine Str	atum (Plot size: 30 ft. radius)									
1.										
2.										
3.					Hydrophytic Vegetation Present? Y					
5.										
4.										
	Total Cover =	0								
Remarks: The wetland vegetation is dominated by woolly sedge, reed canary grass and fowl bluegrass.										
Additional Demarkey										
Additional Remarks:										