## WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R									Date:	07/02/14	
Applicant:											County:	Kittson	
	Investigators: EAB/RAJ			Subregion (MLRA					MLRA 56		State:	MN	
Soil Unit:	1132A							Classification					
	Depression					cal Relief:					Sample Point:	w-159n49w23-g1	
Slope (%):	0 - 2%		Latitude: 48			Longitude:			Datum:				
		nditions on the site				IT? (If no, exp				☑ No	Section:		
Are Vegetatio		G or Hydrology					Are	normal circun	•	esent?	Township:		
Are Vegetation		D or Hydrology		prob	lematic?			Yes	□No		Range:	Dir:	
SUMMARY C													
Hydrophytic Vegetation Present?				Yes				Hydric Soils Present? Yes					
Wetland Hydrology Present?				Yes				Is This Sampling Point Within A Wetland? Yes wn road. There is a flowing waterbody at the bottom of the ditch. Prairie of the bottom of the ditch.					
Remarks:								vn road. There	is a flowing	waterbody	at the bottom	of the ditch. Prairie cordgrass	
		he wetland itself. F	Recent nea	avy ra	ains nave af	rected the	e area.						
HYDROLOG	Y												
Wetland Hy	drology Ind	icators (Check all	that apply	r; Mini	imum of one	e primary	or two se	econdary requi	red):				
Primary:										Secondary:			
A1 - Surface Water						B11 - Salt					B6 - Surface S		
	A2 - High Wa A3 - Saturatio					B13 - Aqua		Sulfide Odor			B8 - Sparsely Vegetated Concave Surface B10 - Drainage Patterns C3 - Oxidized Rhizospheres on Living Roots (tilled)		
	B1 - Water M					C2 - Dry S	eason Wat						
	B2 - Sedimen	t Deposits				C3 - Oxidiz	zed Rhizos	pheres on Living	Roots (not tille	· 🗖	C8 - Crayfish E		
	B3 - Drift Dep			C4 - Presence of Reduced Iron							Visible on Aerial Imagery		
	B4 - Algal Ma B5 - Iron Dep			C7 - Thin Muck Surface Other (Explain)							D2 - Geomorphic Position D5 - FAC-Neutral Test		
		on Visible on Aerial Im	agery			Other (Exp	nairi)	—				ived Hummocks (LRR F)	
	B9 - Water-Si		lagery								D7 - 1103(-1102		
_													
Field Observ	vations:												
Surface Wat		Yes 🛛	De	enth <sup>.</sup>		(in.)							
Water Table		Yes	De	enth <sup>.</sup>		(in.)			Wetland H	ydrology	Present?	Y	
Saturation Pr		Yes				(in.)						—	
		103 -	DC			()							
		stream gauge, moni											
Remarks:	The landsca	ape position and F	AC-Neutra	al veg					y. Water ta	ble and sat	uration depth	s are unknown since soils could	
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## WETLAND DETERMINATION DATA FORM

**Great Plains Region** 

Project/Site:	L3R				Sample Point: w-159n49w23-g1
VEGETATION	N (Species identified in all uppercase ar Plot size: 30 ft. radius)	e non-native	e species.)		
	Species Name	% Cover	Dominant	Ind.Status	Dominance Test Worksheet
1.					
2.					Number of Dominant Species that are OBL, FACW, or FAC: 1 (A)
3.					
4.					Total Number of Dominant Species Across All Strata: 1 (B)
5.					
6.					Percent of Dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)
7.					
8.					Prevalence Index Worksheet
9.					Total % Cover of: Multiply by:
10.					OBL spp. 0 x 1 = 0
	Total Cover =	0	_		FACW spp. 85 x 2 = 170
					FAC spp. 0 x 3 = 0
	Stratum (Plot size: 15 ft. radius)				FACU spp. 10 x 4 = 40
1. 2.	1				UPL spp. <u>5</u> x 5 = <u>25</u>
3.	<u> </u>				Total 100 (A) 235 (B)
3. 4.	<u> </u>				
4. 5.	<u> </u>				Prevalence Index = B/A = 2.350
6.	<u> </u>				
7.	J				
8.					Hydrophytic Vegetation Indicators:
9.					Rapid Test for Hydrophytic Vegetation
10.					X Dominance Test is > 50%
	Total Cover =	0			X Prevalence Index is ≤ 3.0 *
			_		Morphological Adaptations (Explain) *
Herb Stratum (I	Plot size: 5 ft. radius)				Problem Hydrophytic Vegetation (Explain) *
1.	Spartina pectinata	85	Y	FACW	
2.	Elymus repens	10	N	FACU	* Indicators of hydric soil and wetland hydrology must be
3.	Symphoricarpos occidentalis	5	N	NI	present, unless disturbed or problematic.
4.					Definitions of Vegetation Strata:
5.					_
6				-	Tree - Woody plants 3 in. (7.6cm) or more in diameter at breast height (DBH), regardless of height.
7.					neight (BBH), regardess of height.
<u>8.</u> 9.					Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height.
9. 10.					Saping/Sinub - (1993) plane loss alan o in BBri, regaralese o nogra
10.					
12.					Herb - All herbaceous (non-woody) plants, regardless of size.
12.					
10.					
15.					Woody Vines - All woody vines, regardless of height.
	Total Cover =	100			
			_		
Woody Vine Str	atum (Plot size: 30 ft. radius)				
1.					
2.					
3.					Hydrophytic Vegetation Present? Y
5.	I			-	
4.					
Demerliei	Total Cover =				
Remarks:	The community is dominated by prairie cord	grass.			
Additional	lementre :				
Additional R	emarks:				